Georgia-Pacific
Consumer Operations LLC

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August 13, 2020

Submitted Electronically
Mr. Keld Lauridsen
Hydrogeologist
Wisconsin Department of Natural Resources
2984 Shawano Avenue
Green Bay, WI 54313-6727

RE: Georgia-Pacific Consumer Operations LLC (GP) – PFAS Site Investigation Summary Report
BRRTS #: 02-05-583452

Dear Mr. Lauridsen:

Please see attached PFAS Site Investigation Summary Report. Groundwater monitoring well installation, sample collection and sample analysis for PFAS was completed in accordance with the PFAS Site Investigation Work Plan submitted to the WDNR on December 20, 2019. The well installation and sample collection were completed by Tetra Tech, and the sample analysis was completed by Vista Analytical Laboratory.

If you have any questions regarding this summary report, please do not hesitate to contact me via email at melissa.mrotek@gapac.com or by phone at 920-438-2233.

Sincerely,

Melissa Mrotek
Environmental Program Manager
Georgia-Pacific Consumer Operations LLC

August 12, 2020

Ms. Melissa Mrotek
Environmental Program Manager
Georgia-Pacific Consumer Operations LLC, Green Bay Operations
1919 South Broadway
Green Bay, Wisconsin 54307-9130
(920) 438-1548

RE: PFAS Investigation Summary Report
Georgia-Pacific South Broadway Facility
Green Bay, Wisconsin

Dear Ms. Mrotek,

Tetra Tech completed a groundwater investigation for polyfluoroalkyl and perfluoroalkyl substances (PFAS) at the Georgia-Pacific (GP) South Broadway Facility in Green Bay, Wisconsin (**Figure 1**). The investigation was conducted from June 9 through 11 in response to a Wisconsin Department of Natural Resources (WDNR) request based on a history of paper manufacturing at the South Broadway Facility (site). The investigation was conducted in general accordance with the WDNR-approved work plan, *Work Plan for Sampling Event for Per- and Polyfluoroalkyl Substances (PFOA and PFOS) at Georgia-Pacific's South Broadway Facility in Green Bay, Wisconsin* (work plan) and in adherence to the Tetra Tech Standard Operating Procedure for PFAS sample acquisition, **Attachment 1**. This report includes discussion of the PFAS regulatory background, well installation methods, sampling and analytical methods, groundwater analytical results, groundwater and surface water mixing analysis, and investigation derived waste (IDW).

REGULATORY BACKGROUND

PFAS are a classification of compounds characterized by a fluorinated carbon alkyl backbone and a functional group. There are thousands of variations of PFAS based on the number of carbons, the number of substitution sites, the occurrence of branching, the varying functional groups, and the protonation state of the functional group. The compounds vary in size and complexity and can be categorized into chemical groups based primarily on the functional group of the molecule. The two most common groups are perfluoroalkyl carboxylates or carboxylic acids (PFCA), and perfluoroalkyl sulfonates or sulfonic acids (PFSA). In May 2016, the United States Environmental Protection Agency (EPA) established health advisories, establishing exposure limits from drinking water at 70 ng/L for two PFAS congeners:

- Perfluorooctanoic acid (PFOA), an eight-carbon PFCA, and
- Perfluorooctane sulfonic acid (PFOS), an eight-carbon PFSA.

In the Spring of 2019, the Wisconsin Department of Health Services (WDHS) recommended groundwater enforcement standards of 20 ng/L for PFOA and PFOS both individually and combined. At this time, the WDNR has not amended *Table I - Drinking Water & Groundwater Quality Health Standards/Advisory Levels* to include enforceable standards for PFAS, including PFOA and PFOS.

WELL INSTALLATION METHODS

The work plan specified the installation of three temporary monitoring wells and the collection of

groundwater samples for PFAS analysis. It was determined that permanent wells were preferred and would be installed instead of temporary wells in case follow-up groundwater sampling was required.

On June 9 and 10, 2020, three monitoring wells were installed along the Fox River at the general locations indicated in the work plan. Final monitoring well installation locations are depicted on **Figure 2**. A ticket request was filed with the Diggers Hotline the week before drilling to mark underground utilities within the work area. Before beginning drilling activities on June 9, GP site personnel inspected and cleared final boring locations for utilities. While drilling was in progress, the work areas were delineated using traffic cones and caution tape.

Prior to monitoring well installation, continuous soil samples were collected from each boring location. As a precaution, the upper four to five feet of each soil boring were completed using hand tools. After hand clearing was completed, soil sampling was continued by direct push technology with a Geoprobe 6600 series drill rig using 2.25-inch diameter Macro Core tooling. Soils recovered by direct push were collected in a 1.75-inch diameter acetate liner. The liners were placed on a table and cut open to access the recovered soil core, which then were photographed and logged by the onsite Tetra Tech geologist. Each soil core was described, including sample recovery and lithological description using the Unified Soil Classification System. Moisture content, and other notable observations/information were documented. This information was used to finalize depths for well installation. Soil boring logs are included as **Attachment 2**.

The monitoring wells were installed in the soil sampling boreholes via 6.25-inch diameter hollow stem augers. Monitoring wells were constructed with two-inch diameter polyvinyl chloride (PVC) casing and a five-foot, 0.010-inch slot, PVC well screen. The well annulus was filled above the top of the screen using well sand pack and then plugged to 1 foot below surface grade with bentonite chip. The monitoring wells were finished flush with the surface grade and covered with eight-inch protective covers set in concrete. Well construction logs are included as **Attachment 2**. Following installation, the monitoring wells were developed, by purging the wells to remove fine sediment, until the water ran clear. Photographs of the monitoring well installation locations and the finished monitoring wells are included in **Attachment 3.**

GROUNDWATER SAMPLING AND ANALYTICAL METHODS

Groundwater samples were collected using low flow sampling methods. The groundwater samples were collected using a peristaltic pump with High Density Polyethylene (HDPE) and silicone tubing. New tubing was used for each monitoring well to avoid cross-contamination between wells.

Prior to sample collection, groundwater was purged from the wells using a peristaltic pump. While purging, water level drawdown, flow rate, and water quality readings were recorded on a groundwater water quality data sheet. Groundwater was pumped through a flow-through cell and water quality parameters of pH, specific conductance, temperature, dissolved oxygen (DO), oxidation-reduction potential (ORP), and turbidity were measured with a Horiba U-52 multi-parameter water quality meter. The instrument was calibrated according to the manufacturer's specifications prior to sampling. The water quality parameters were collected at three-minute intervals until all parameters had stabilized for three consecutive readings and were within the following limits:

- pH (0.1 unit)
- Specific conductance (3%)
- Temperature (3%)
- DO (10% mg/L)
- ORP (10 millivolts)
- Turbidity (10%)

Drawdown was maintained at 0.3 foot or less during purging and sampling. Groundwater monitoring field data are included in **Table 1**.

Following stabilization, groundwater samples were collected directly into clean laboratory-provided HDPE containers. Sample containers were placed into laboratory-provided zip lock bags and placed into ice-packed coolers for shipment to Vista Analytical Laboratory (Vista) where the samples were analyzed via a modified EPA Method 537 for the list of 36 congeners specified within the *WDNR's Wisconsin PFAS Aqueous (Non-Potable Water) and Non-Aqueous Matrices Expectations* (**Attachment 4**). A Level IV data package for the groundwater sample set was provided by Vista and is included in **Attachment 5**.

For quality assurance and quality control (QA/QC), several additional samples were collected as directed by the work plan. Additional QA/QC samples included:

- One groundwater duplicate sample;
- Two equipment rinsate blanks; and
- One field blank.

GROUNDWATER ANALYTICAL RESULTS

A summary of the PFAS groundwater sampling results is presented in **Table 2**. The laboratory analytical report for groundwater and QA/QC samples is provided in **Attachment 5**. All PFAS detections are posted on **Figure 2**, with results exceeding the WDHS recommended groundwater enforcement standards of 20 ng/L for PFOA and PFOS both individually and combined provided in bold text.

The groundwater analytical results from three monitoring wells indicate the following:

- PFAS congeners were detected in all three monitoring wells;
- In MW-20-01, two PFAS compounds were detected above the method detection limit (MDL), with one PFAS compound (PFBA) detected above the reporting limit (RL) at 3.16 ng/L;
- In MW-20-02, seven PFAS compounds were detected above the MDL, with six of those compounds detected above the RL. Compounds detected above the RL in MW-20-02 include PFOA, detected at 68.3 ng/L, and PFOS, detected at 5.39 ng/L. These values exceed the WDHS 2019 recommended groundwater enforcement standard for PFOA, and for PFOA and PFOS combined;
- In MW-20-03, 14 PFAS compounds were detected above the MDL, with 12 of those compounds detected above the RL. Compounds detected above the RL in MW-20-03 include PFOA, detected at 54.6 ng/L, and PFOS, detected at 161 ng/L. These values exceed the WDHS 2019 recommended groundwater enforcement standards for PFOA, PFOS, and for PFOA and PFOS combined;
- Duplicate sample collected at MW-20-01 indicated maximum percent difference of 21 percent in PFAS detections above the RL; and
- No PFAS was detected in the equipment rinsate blank or field blank samples.

GROUNDWATER AND SURFACE WATER MIXING ANALYSIS

A survey was performed at each well location and at the Fox River inlet on site. Survey measurements were collected using real-time kinematic (RTK) positioning, capable of providing up to centimeter-level accuracy. At each monitoring well longitude, latitude, ground elevation, and top of well casing (TOC) elevation was measured and recorded, and at the Fox River, the water elevation was measured and recorded. Longitude and latitude measurements were converted to northing and easting coordinates and are included on the soil boring and well construction logs, **Attachment 2**. Elevation data was recorded in

feet above mean sea level (amsl). Groundwater and surface water elevation data are presented below in **Table 3.**

Table 3 – Groundwater and Surface Water Elevations

Well ID	TOC Elevation (feet amsl)	Depth to water from TOC (feet)	Groundwater Elevation (feet amsl)	Surface Water Elevation (feet amsl)
MW-20-01	586.05	2.63	583.42	584.21
MW-20-02	587.39	4.49	582.90	584.21
MW-20-03	582.03	3.28	578.75	584.21

To help determine the potential influence of the Fox River at the time of groundwater sample collection, the elevation measurements were used to evaluate if the hydraulic gradients between the monitoring wells and the Fox River. Review of **Table 3** indicates the hydraulic gradient at the time of sample collection was towards the monitoring wells, indicating a likelihood of river water influencing the groundwater.

However, to further evaluate the potential influence of the Fox River at the time of groundwater sample collection, water quality parameters were collected from the river and compared to groundwater water quality parameters collected during low flow sampling. A comparison of water quality data is presented below in **Table 4.**

Table 4 – Groundwater and Surface Water Parameters

Well ID	Temp (°C)	DO (mg/L)	ORP (mV)
MW-20-01	14.00	0.00	-55
MW-20-02	15.29	0.00	-257
MW-20-03	17.83	0.00	-218
Fox River	22.51	8.08	63

Notes:
Temp (°C) = Temperature in degrees Celsius
ORP (mV) = Oxidation reduction potential represented in millivolts
DO (mg/L) = Dissolved oxygen represented in milligrams per liter

Review of **Table 4** shows a contrast between groundwater and surface water when comparing temperature, dissolved oxygen and oxidation reduction potential. The water quality data suggests a low likelihood of groundwater and surface water mixing at the time on groundwater sample collection.

INVESTIGATION DERVIVED WASTE

Soil cuttings generated during well installation were containerized in 55-gallon drums. Well purge water and equipment decontamination water generated during monitoring well installation and groundwater sampling were containerized in separate 55-gallon drums. Drums were properly labeled identifying their contents and were staged on-site near the former clarifiers pending disposal. To characterize the waste prior to disposal, composite samples were collected from both the liquid and solid waste material. The composite samples were submitted to Pace Analytical in Green Bay, Wisconsin and analyzed for:

- Toxic Characteristic Leaching Procedure (TCLP) Resource Conservation and Recovery Act (RCRA) Volatile Organic Compounds (VOCs)
- TCLP RCRA Semi-volatile Organic Compounds (SVOCs)
- TCLP RCRA metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver)
- Total Polychlorinated Biphenyls (PCBs).

For solid IDW PFAS characterization, a composite sample was collected from the drums and submitted to Vista for analysis via a modified EPA Method 537. Laboratory analytical reports for the waste characterization samples are provided in **Attachment 6**.

Waste characterization analytical results indicate that the solid IDW contains no PFAS and that it is non-hazardous; not regulated by RCRA or the Toxic Substances Control Act (TSCA).

Analysis of the liquid IDW characterization samples indicate that it is non-hazardous; not regulated by RCRA or TSCA. The liquid IDW is comprised primarily of groundwater generated during well development, and, since the samples collected from the groundwater monitoring wells had indicated the presence of PFAS, it is assumed that the liquid IDW would also contain PFAS at similar concentrations. The laboratory analytical report for groundwater samples is provided in **Attachment 5**. At the request of GP, Tetra Tech will prepare a scope of work to transport and dispose of the IDW generated as part of the site PFAS investigation.

Tetra Tech appreciates the opportunity to provide our services to GP. If you have any questions regarding the information herein, please contact Michael Savale at 810.923.8076 or michael.savale@tetratech.com.

Sincerely,

Michael Savale
Senior Project Geologist

Daniel Sopoci, CHMM
Associate Scientist

Table 1 – Groundwater Monitoring Field Data
Table 2 – Groundwater Analytical Results
Figure 1 – Site Location Map
Figure 2 – Groundwater PFAS Analytical Results
Attachment 1 – Tetra Tech Standard Operating Procedure: Sample Acquisition for Perfluorinated Compounds (PFCs) and Other Polyfluoroalkyl Substance Analysis
Attachment 2 – Soil Boring and Well Construction Logs
Attachment 3 – Photographic Documentation Log
Attachment 4 – Wisconsin PFAS Aqueous (Non-Potable Water) and Non-Aqueous Matrices Expectations
Attachment 5 – Groundwater Analytical Summary Report and Level IV Data
Attachment 6 – Investigation Derived Waste Analytical Reports

Table 1

Groundwater Monitoring Field Data

Table 1
Groundwater Monitoring Field Data
South Broadway Facility PFAS Investigation
Georgia Pacific, LLC
Green Bay, Wisconsin

Well ID	Temp (°C)	Specific Conductance (mS/cm)	DO (mg/L)	pH (S.U.)	ORP (mV)	Turb (NTU)	Pump Rate (mL/min)	Top of Casing (TOC) Elevation (ft amsl)	Depth to Water (ft below TOC)	Static Groundwater Elevation (ft amsl)
	Parameter Stabilization Criteria									
	3%	3%	10%	0.1	10 mV	10%				
MW-20-01	14.00	8.19	0.00	6.04	-55	0.0	175	586.05	2.63	583.42
MW-20-02	15.29	70.5	0.00	9.85	-257	95.5	150	587.39	4.49	582.90
MW-20-03	17.83	1.65	0.00	7.68	-218	0.0	125	582.03	3.28	578.75

Notes:
Temp (°C) = Temperature in degrees Celsius
pH (S.U.) = pH represented in pH units
Specific Conductance (mS/cm) = Conductivity represented in microsiemens per centimeter
ORP (mV) = Oxidation reduction potential represented in millivolts
DO (mg/L) = Dissolved oxygen represented in milligrams per liter
Turb (NTU) = Turbidity represented in nepholometeric turbidity units
mL/min = milliliters per minute
ft amsl = feet above mean sea level
ft below TOC = feet below the top of well casing

Table 2

Groundwater Analytical Results

Table 2
Groundwater Analytical Results
South Broadway Facility PFAS Investigation
Georgia-Pacific, LLC
Green Bay, Wisconsin

Parameter	CAS Number	Units	MW-20-01	MW-20-02	MW-20-03	Duplicate-1 (MW-20-01)
			6/11/20	6/11/20	6/11/20	6/11/20
Perfluoroalkyl Carboxylates/Carboxylic Acids (PFCA)						
Perfluorobutanoic acid (**PFBA**)	375-22-4	ng/L	**3.16**	ND	**12.9**	**2.55**
Perfluoropentanoic acid (**PFPeA**)	2706-90-3	ng/L	ND	**109**	**20.2**	ND
Perfluorohexanoic acid (**PFHxA**)	307-24-4	ng/L	ND	**158**	**24.5**	ND
Perfluoroheptanoic acid (**PFHpA**)	375-85-9	ng/L	ND	**40.3**	**13.5**	ND
Perfluorooctanoic acid (**PFOA**)	335-67-1	ng/L	**1.01 J**	**68.3**	**54.6**	**0.933 J**
Perfluorononanoic acid (**PFNA**)	375-95-1	ng/L	ND	**4.46 Q**	**3.94**	ND
Perfluorodecanoic acid (**PFDA**)	335-76-2	ng/L	ND	ND	**1.03**	ND
Perfluoroundecanoic acid (**PFUnDA/PFUdA**)	2058-94-8	ng/L	ND	ND	ND	ND
Perfluorododecanoic acid (**PFDoA**)	307-55-1	ng/L	ND	ND	ND	ND
Perfluorotridecanoic acid (**PFTrDA**)	72629-94-8	ng/L	ND	ND	ND	ND
Perfluorotetradecanoic acid (**PFTeDA**)	376-06-7	ng/L	ND	ND	ND	ND
Perfluorohexadecanoic acid (**PFHxDA**)	67905-19-5	ng/L	ND	ND	ND	ND
Perfluorooctadecanoic acid (**PFODA**)	16517-11-6	ng/L	ND	ND	ND	ND
Perfluoroalkyl Sulfonates/Sulfonic Acids (PFSA)						
Perfluorobutane sulfonic acid (**PFBS**)	375-73-5	ng/L	ND	ND	**2.83**	ND
Perfluoropentane sulfonic acid (**PFPeS**)	2706-91-4	ng/L	ND	ND	ND	ND
Perfluorohexane sulfonic acid (**PFHxS**)	355-46-4	ng/L	ND	**2.25**	**2.70**	**0.904 J**
Perfluoroheptane sulfonic acid (**PFHpS**)	375-92-8	ng/L	ND	ND	**2.01 J,Q**	ND
Perfluorooctane sulfonic acid (**PFOS**)	1763-23-1	ng/L	ND	**5.39**	**161**	ND
Perfluorononone sulfonic acid (**PFNS**)	68259-12-1	ng/L	ND	ND	ND	ND
Perfluorodecane sulfonic acid (**PFDS**)	335-77-3	ng/L	ND	ND	ND	ND
Perfluorododecanesulfonic acid (**PFDoS**)	79780-39-5	ng/L	ND	ND	ND	ND
Perfluoroalkane Sulfonamides/Sufonamidoacetic Acids, Sulfonamidoethanols (FASA)						
Perfluorooctane sulfonamide (**PFOSA**)	754-91-6	ng/L	ND	**0.924 J**	**20.5**	ND
N-methyl perfluorooctane sulfonamide (**NMeFOSA**)	31506-32-8	ng/L	ND	ND	**4.06**	ND
N-ethyl perfluorooctane sulfonamide (**N-EtFOSA**)	4151-50-2	ng/L	ND	ND	**181**	ND
N-methyl perfluorooctane sulfonamidoacetic acid (**N-MeFOSAA**)	2355-31-9	ng/L	ND	ND	ND	ND
N-ethyl perfluorooctane sulfonamidoacetic acid (**N-EtFOSAA**)	2991-50-6	ng/L	ND	**26.2**	ND	ND
N-methyl perfluorooctane sulfonamidoethanol (**N-MeFOSE**)	24448-09-7	ng/L	ND	ND	ND	ND
N-ethyl perfluorooctane sulfonamidoethanol (**N-EtFOSE**)	1691-99-2	ng/L	ND	ND	ND	ND
Fluorotelomer Substances (FTS)						
4:2 Fluorotelomer sulfonic acid (**4:2FTS**)	757124-72-4	ng/L	ND	ND	ND	ND
6:2 Fluorotelomer sulfonic acid (**6:2FTS**)	27619-97-2	ng/L	ND	ND	ND	ND
8:2 Fluorotelomer sulfonic acid (**8:2FTS**)	39108-34-4	ng/L	ND	ND	ND	ND
10:2 Fluorotelomer sulfonic acid (**10:2FTS**)	120226-60-0	ng/L	ND	ND	ND	ND
Replacement Chemicals						
Hexafluoropropylene oxide dimer acid (**HFPO-DA**)	13252-13-6	ng/L	ND	ND	ND	ND
4,8-Dioxa-3H-perfluorononanioc acid (**DONA**)	919005-14-4	ng/L	ND	ND	ND	ND
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (**9Cl-PF3ONS**)	756426-58-1	ng/L	ND	ND	ND	ND
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (**11Cl-PF3OUdS**)	763051-92-9	ng/L	ND	ND	ND	ND
Total PFOA and PFOS		**ng/L**	**ND**	**73.69**	**215.60**	**ND**

Notes:
PFAS laboratory analysis was completed using Modified USEPA Method 537.
ng/L = nanogram per liter
J = The amount detected is greater than the Method Detection Limit, but less than the Reporting Limit.
Q = The ion transition ratio is outside of the acceptance criteria.
ND = not detected
Highlighted values exceed the Wisconsin Department of Health Services recommended groundwater enforcement standards of 20 ng/L for PFOA and PFOS both individually and combined.

Figures

Map Source: 2013 National Geographic Society

Approximate South Broadway Facility Site Boundary

0 2,500 5,000

Feet

N

TETRA TECH
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PHONE: 734.665.6000

SOUTH BROADWAY PFAS INVESTIGATION REPORT

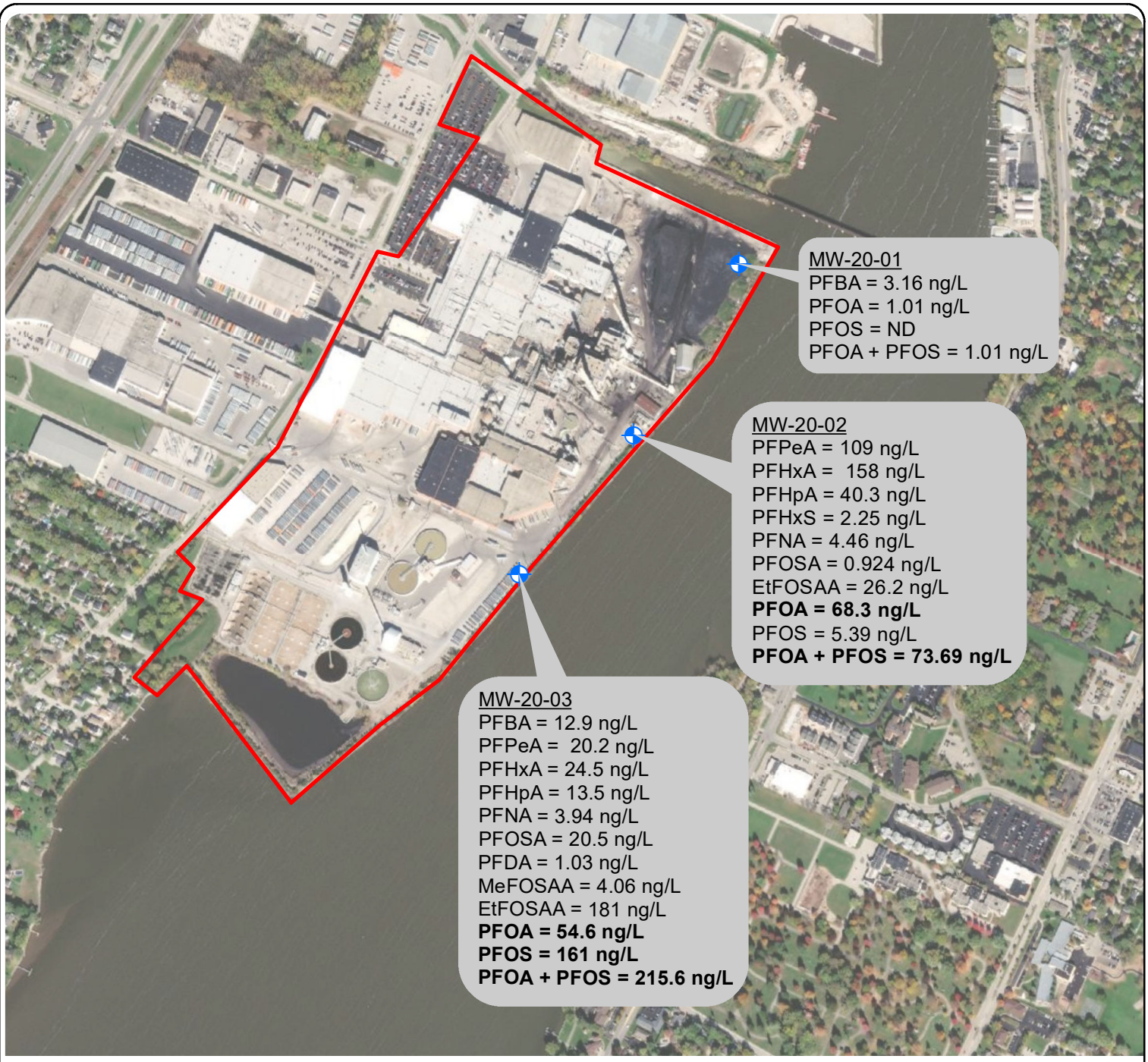
SOUTH BROADWAY FACILITY
1919 SOUTH BROADWAY
GREEN BAY, BROWN COUNTY, WISCONSIN 54304

SITE LOCATION MAP

Project No: 117-4124128
Designed by: JDW
Date: 7/14/2020

FIGURE
1

Bar Measures 1 inch



Map Source: 2013 National Geographic Society

Monitoring Well

Approximate South Broadway Facility Site Boundary

Well Name — MW-20-01
Parameter — PFBA = 3.16 ng/L — Unit
PFOA = 1.01 ng/L
PFOS = ND
PFOA + PFOS = 1.01 ng/L — Concentration

Note
1. Results are in nanograms per liter (ng/L)
2. ND = Not Detected above laboratory reporting limits
3. PFOA = Perfluorooctanoic acid
4. PFOS = Perfluorooctanesulfonic acid
5. **Bold** values exceed the Wisconsin Department of Health Services recommended groundwater enforcement standards of 20 ng/L for PFOA and PFOS both individually and combined.

N

0 1,000 2,000
Feet

Bar Measures 1 inch

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PFAS INVESTIGATION SUMMARY REPORT

GEORGIA-PACIFIC SOUTH BROADWAY FACILTIY
GREEN BAY, WISCONSIN

GROUNDWATER PFAS ANALYTICAL RESULTS

Project No: 117-4124128
Designed by: ARR
Date: 7/27/2020

FIGURE
2

Attachment 1

Tetra Tech Standard Operating Procedure: Sample Acquisition for Perfluorinated Compounds (PFCs) and Other Polyfluoroalkyl Substance Analysis

STANDARD OPERATING PROCEDURE
SAMPLE ACQUISITION FOR PERFLUORINATED COMPOUNDS (PFCs) AND OTHER POLYFLUOROALKYL SUBSTANCE ANALYSIS

1.0 PURPOSE

This Standard Operating Procedure (SOP) describes the methods and protocols to be used for collecting and handling samples to be analyzed for perfluorinated chemicals (PFCs), and other polyfluoroalkyl substances (PFASs). PFAS are present in many consumer products including some typical sampling equipment and are ubiquitous in the environment. Because regulatory screening criteria are very low, measurements of very low PFAS concentrations are required. These two conditions make the collection of samples for accurate quantitation of PFAS concentrations difficult unless special precautions are taken to avoid introducing contaminants into the samples. Instructions are provided herein for collection of environmental samples without contaminating them. This SOP is designed to supplement but not replace existing sampling SOPs. In addition, some clients and/or projects may have specific PFAS-related sampling requirements that extend beyond the procedures described in this SOP.

2.0 SCOPE AND APPLICABILITY

This document provides information on proper sampling equipment and techniques for groundwater, surface water, sediment, and soil sampling for PFAS analysis. Sampling of air or biota is not addressed in this SOP, but the same principles would apply for those media.

3.0 BACKGROUND

PFAS have been used since the 1940s as manufacturer-applied oil and water repellants on products such as clothing, upholstery, paper, and carpets; and in making fluoropolymers for non-stick cookware. They are found in textiles and leather products, mist suppressants for metal plating, the photography industry, photolithography, semi-conductors, paper and packaging coatings, cleaning products, pesticides, and cosmetics. They have been used in well-known consumer products including Teflon®, StainMaster®, Scotchgard®, and GoreTex®. In the 1960s, aqueous film-forming foam (AFFF) containing PFAS was developed for fighting flammable liquid fires, particularly petroleum-fueled (Class B) fires (ATSDR, 2009). The two most researched and most prevalent PFAS in the environment are perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA) (ATSDR, 2009).

STANDARD OPERATING PROCEDURE
SAMPLE ACQUISITION FOR PERFLUORINATED COMPOUNDS (PFCs) AND OTHER POLYFLUOROALKYL SUBSTANCE ANALYSIS

PFAS are persistent in the environment, tend to bioaccumulate, and demonstrate toxicity in laboratory animals, enough to raise concerns about their presence in the environment. Some areas where PFAS may have been released to the environment include the following:

- Firefighting training areas
- Areas where firefighting products/materials are stored
- Aircraft crash sites
- Metal coating and plating facilities
- Water treatment systems and receiving water bodies
- Airport hangars and other facilities storing fire-fighting foams
- Fluorochemical manufacturing, use, and disposal facilities

PFAS are ubiquitous in consumer products and some materials used in environmental sampling (Teflon® tubing, waterproof logbooks, or GoreTex® field clothing). There are many potential sources of PFAS that are independent of media being sampled; therefore, it is essential to take special precautions to minimize the potential for contaminating environmental samples with PFAS during collection and handling. Laboratory detection limits are low for these compounds and contact of sample material or sampling equipment with any one of the multitude of PFAS sources could result in detectable contamination. In addition, PFAS tend to adsorb to glass so glass sample collection containers are inappropriate. Adsorption to glass sample containers may result in a low bias for measured PFAS concentrations.

Collection and analysis of Quality Control blanks is an important aspect of verifying that samples have not been contaminated during sample collection and handling. Use of additional blanks or blanks of a different type than usual may be required and the governing project planning documents should be consulted. Consult Section 7.7 of this SOP for instructions regarding collection of field reagent blanks (FRBs).

4.0 DEFINITIONS AND ABBREVIATIONS

AFFF – Aqueous film-forming foam.

FRB – Field Reagent Blank. A blank sample prepared in the field by transferring laboratory-supplied, chemically-preserved deionized water to an empty, laboratory-supplied collection bottle.

FRBs are typically analyzed only for PFAS and are treated as a site sample in all respects, including shipment to the sampling site, exposure to sampling site conditions, storage, preservation, and all PFAS analytical procedures. The purpose of FRBs is to indicate whether PFAS measured in corresponding site samples may have been introduced during sample collection and handling.

PFASs – Per- and polyfluoroalkyl Substances. A reference term currently in use, replacing "PFCs" in recent scientific and other technical literature. The term is inclusive of both perfluorinated chemicals like PFOA and PFOS and polyfluoroalkyl substances like fluorinated telomers.

PFCs – Perfluorinated Compounds or Chemicals. PFCs are a family of man-made chemicals that have been used for commercial, industrial, and military applications because they resist thermal degradation, and they repel oil, stains, grease, and water.

PFOA – Perfluorooctanoic Acid. PFOA is used as an aqueous dispersion agent and in the manufacture of fluoropolymers (including Teflon®) that are used in industrial components such as electrical wire casings, fire- and chemical-resistant tubing, and plumbing seal tape. PFOA is used in surface treatment products to impart oil, stain, grease, and water resistance. PFOA can also be produced by the breakdown of some fluorinated telomers.

PFOS – Perfluorooctane Sulfonate. PFOS was a key ingredient in Scotchgard® and used in the manufacture of Class B AFFF used per DoD military specifications. Phase out of AFFF by 3M occurred in 2002.

5.0 SAFETY PRECAUTIONS

Sample acquisition activities shall be conducted in accordance health and safety requirements identified in the project-specific Health and Safety Plan (HASP), corporate health and safety policies, and individual sampling SOPs, as applicable.

6.0 PERSONNEL RESPONSIBILITIES, QUALIFICATIONS, AND TRAINING

Project Manager (PM) – The PM is responsible for determining sampling objectives, initial sampling locations, and field procedures used in the collection of samples of environmental

media. Additionally, in consultation with other project personnel (geologist, hydrogeologist, etc.), the PM is responsible for selecting and detailing the specific sampling techniques, equipment to be used, and providing detailed input in this regard to the project planning documents. The PM has the overall responsibility for ensuring that sampling activities are properly conducted by appropriately trained staff.

Site Safety Officer (SSO) – The SSO (or a qualified designee) is responsible for providing the technical support necessary to implement the project HASP, AP or equivalent. The SSO or SSO designee may also be required to advise the Field Operations Leader (FOL) on safety-related matters regarding sampling, such as measures to mitigate potential hazards from hazardous objects or conditions. The SSO may be referred to as the Site Safety and Health Officer (SSHO).

Project Geologist/Sampler – The project geologist/sampler is responsible for the proper acquisition of samples in accordance with this SOP or other project-specific documents. In addition, this individual is responsible for the completion of all required paperwork (e.g., sample log sheets, field notebook, boring logs, container labels, custody seals, and chain-of-custody forms) associated with the collection of those samples.

Field Operations Leader (FOL) – This individual is primarily responsible for the execution of the field sampling program in accordance with the project planning documents. This is accomplished through management of a field sampling team for the proper acquisition of samples.

- General personnel qualifications for environmental media sample collection include the following:
- Occupational Safety and Health Administration (OSHA) 40-hour HAZWOPER and applicable refresher training.
- Ability to perform field work under the expected physical and environmental (i.e., weather) conditions
- Familiarity with appropriate procedures for sample documentation, handling, packaging, and shipping
- Familiarity with chemical-specific requirements for collection and handling of samples for PFAS analysis as described in this procedure.

- Personnel implementing this SOP must read and understand this SOP prior to collection of samples designated for PFAS analysis.

7.0 PROCEDURES

All personnel involved in sample acquisition must strive to prevent contact of sample media with potential sources of PFAS contamination. Given the widespread use of PFAS in products including those typically preferred for environmental sampling, all samples for PFAS analysis are to be collected using precautions to avoid inadvertent contamination of the sample media. These precautions are identified below for selection of sampling equipment and general field equipment, field personnel clothing and protective gear, sample containers and sample handling activities.

7.1 Selection of Equipment

It is important to research available equipment and materials at the planning stage to avoid last minute problems in the field; for example, ensuring compatibility of high-density polyethylene (HDPE) tubing with fittings for use in a peristaltic or other pump; or ensuring that equipment does not contain Teflon®.

Sampling Equipment:

- Avoid using any sampling equipment constructed of or containing polytetrafluoroethylene (PTFE) or Teflon® (DuPont brand name) or fluorinated ethylene propylene (FEP) during sample handling or mobilization/demobilization.
- Avoid using low-density polyethylene products (LDPE) if contamination from those products can be transferred to environmental samples or QC samples.
- Use sampling equipment made of stainless steel, acetate, silicone, high-density polyethylene (HDPE), or polypropylene. This applies to tubing, pumps and pump components, tape for plumbing fittings, trowels, mixing bowls or other equipment that could contact the sample media. Gasket and O-ring components of sampling equipment may contain fluoropolymers.

Non-Sampling Field Equipment:

- Avoid using waterproof field books or paper during sampling activities. Non-waterproof loose-leaf paper or notebooks are acceptable. Do not use plastic clipboards, binders, or

spiral hard cover notebooks that may be coated; use Masonite or aluminum clipboards instead.

- Avoid using Post-it® notes or similar removable notes during sample handling or mobilization/demobilization activities.
- Avoid using Sharpies® or similar indelible markers; do use ball-point pens or pencils for note taking and sample bottle labeling.

Field Personnel Clothing and Protective Gear:

- Avoid wearing new clothing due to the possible treating of fabric with PFAS for stain resistance. Wear clothing made from natural fibers (e.g. cotton) to the extent possible. Clothing should have been washed at least several times between time of purchase and time of first use during sampling activities. Avoid using fabric softener when laundering clothing to be worn during sample collection.
- During wet weather, use rain gear made from polyurethane or wax-coated materials.
- Avoid wearing water-resistant (e.g., Gore-Tex® or similar material) clothing or footwear (i.e., boots) immediately prior to or during sample collection and management.
- Avoid wearing cosmetics, shampoos, moisturizers, or other similar personal hygiene products on the day of sampling.
- Use sunscreens and insect repellants with 100% natural ingredients. The following items are acceptable for use, but the suitability of these items has not been independently verified:
    - Sunscreens - Alba Organics Natural Sunscreen, Yes To Cucumbers, Aubrey Organics, Jason Natural Sun Block, Kiss my face, Baby sunscreens that are “free” or “natural.”
    - Insect Repellents - Jason Natural Quit Bugging Me, Repel Lemon Eucalyptus Insect repellant, Herbal Armor, California Baby Natural Bug Spray, BabyGanics
    - Sunscreen and insect repellant - Avon Skin So Soft Bug Guard Plus – SPF 30 Lotion
- Avoid wearing Tyvek® suits.
- Wear un-powdered nitrile gloves at all times while collecting and handling samples and change gloves often.

- Avoid unnecessary contact with automobile upholstery that may have been treated with PFAS. If practical, cover clothing and skin that has been in contact with such upholstery within non-fluorinated clothing.

Sample Containers and Shipping Materials

- Avoid the use of glass sample containers, which are believed to result in loss of PFAS from samples through adsorption to the container.
- Collect samples in laboratory-supplied plastic bottles only, typically polypropylene or HDPE.
- Confirm that Teflon®-lined caps are not used in sample containers; unlined polypropylene screw caps must be used.
- Avoid using Blue Ice® or similar items to cool samples and avoid placing such items in sample coolers for shipping. Use commercially available (e.g., from convenience stores or supermarkets) double-bagged ice instead.

7.2 Other Precautions for Sample Handlin

- Avoid handling or bringing pre-wrapped food or snacks (e.g., fast food, candy bars, microwave popcorn, etc.) into the sampling area before or during sampling, because many food and snack products are packaged in wrappers treated with PFAS. Only water or hydrating drinks (e.g., Gatorade) should be brought onsite or allowed in vehicles used for PFAS sampling activities.
- Wash hands thoroughly after handling fast food, carryout food, or snacks, or other items that may contain PFAS.
- Assume that shipping tape used for securing coolers could contain PFAS; therefore, take care not to transfer PFAS from tape to samples.

These precautions should be observed during sampling activities, especially during water sample collection (groundwater and surface water), given the high solubility of PFAS in water. Examples of how these precautions may be applied to sampling of specific media are provided in the following sections.

7.3 Groundwater Sample Acquisition

The precautions and requirements identified in the previous sections must be observed for groundwater sampling. Do not proceed any further without reviewing each of those precautions and requirements.

- Collect groundwater samples for PFAS analyses in accordance with this SOP, and/or project- or client-specific requirements.
- If non-dedicated, non-disposable equipment is used between sampling locations, it should be decontaminated with Alconox® or Liquinox®, unless 1,4-dioxane (a potential component of these detergents) is also a contaminant of concern. In that case Liquinox® should not be used. Products such as Decon 90 should not be used.
- If samples are to be collected for analysis of PFAS and other analytes, determine whether the same equipment can be used for all sample analyses. If Teflon® or LDPE materials are required for the non-PFAS analytes, then use multiple sets of equipment and determine a suitable sample collection sequence and protocol for collecting the groundwater samples for the analyte groups of interest. For example, purge and sample a monitoring well for PFAS first using a peristaltic pump with HDPE and silicone tubing. Then use a bladder pump with Teflon® tape on air-line fittings to purge the well and sample for VOCs with Teflon tubing, if the VOC protocol requires it. Or use silicone tubing for all parameters, if appropriate. Protocols and order of sampling should be clearly identified in the SAPs. If the sampling sequence is unclear, consult the FOL or Project Manager and record the actual sequence in the field notes.
- If tasked to sample monitoring wells that have or had dedicated Teflon® or FEP tubing that potentially contained PFAS, after removing the tubing, evacuate at least one well volume prior to sampling using silicone or HDPE tubing. This will ensure that standing water that was in contact with the tubing is removed from the water column prior to sampling.

7.4 Soil Sample Acquisition

The precautions and requirements identified in Sections 7.1 and 7.2 must be observed for soil sampling. Do not proceed any further without reviewing each of those precautions and requirements.

- Collect soil samples for PFAS analyses in accordance with this SOP, and/or project- or client-specific requirements.
- Soil sampling equipment should not be constructed of or contain Teflon® materials. Acceptable materials for sampling include stainless steel, acetate, or polypropylene. If non-dedicated, non-disposable equipment is used between sample locations, it should be decontaminated with Alconox® or Liquinox®.
- Collect samples in laboratory-provided containers specifically designated for PFAS analysis. Do not use glass jars typically used for soil sample collection.

7.5 Surface Water and Sediment Sample Acquisition

The precautions and requirements identified in Sections 7.1 and 7.2 must be observed for surface water and sediment sampling. Do not proceed any further without reviewing each of those precautions and requirements.

- Collect surface water and sediment samples for PFAS analysis in accordance with this SOP, and/or project- or client-specific requirements.
- Surface water and sediment samples should be collected in laboratory-supplied bottleware specifically designated for PFAS analysis (not glass). If transfer bottles are required for collection of surface water samples, the transfer bottles used should be the same material as the containers designated for submission to the laboratory.
- Surface water and sediment sampling equipment should not be constructed of or contain Teflon® or LDPE materials. Acceptable materials for sampling include HDPE, silicone, stainless steel, acetate, or polypropylene. If non-dedicated, non-disposable equipment is used between sample locations, it should be decontaminated with Alconox® or Liquinox®.

7.6 Water Supply Sampling

This section applies to sampling from taps, spigots, faucets, or similar devices. The precautions and requirements identified in Sections 7.1 and 7.2 must be observed for water supply sampling. Do not proceed any further without reviewing each of those precautions and requirements.

- Collect water supply samples for PFAS analysis in accordance with applicable portions of this SOP, and/or project- or client-specific requirements.
- Water supply samples should be collected in laboratory-supplied bottleware specifically designated for PFAS analysis (not glass).

STANDARD OPERATING PROCEDURE
SAMPLE ACQUISITION FOR PERFLUORINATED COMPOUNDS (PFCs) AND OTHER POLYFLUOROALKYL SUBSTANCE ANALYSIS

- Ensure that sample bottles used to collect chlorinated water samples contain the proper preservative; non-chlorinated water does not require chemical preservatives designed to remove chlorine.
- Water supply sampling equipment (if needed) should not be constructed of or contain Teflon® or LDPE materials. Acceptable materials for sampling include HDPE, silicone, stainless steel, acetate, or polypropylene. If non-dedicated, non-disposable equipment is used between sample locations, it should be decontaminated with Alconox® or Liquinox®.
- Locate the sampling point. If a specific sampling point has already been designated (e.g., a kitchen tap), plan to collect the sample from that point; otherwise, identify a location in the water supply line that is as close as possible to the water's point of origination (e.g., a well or other water source) and upstream of any local water treatment unit(s) that could affect PFAS levels (e.g., water softeners, activated carbon, or reverse osmosis treatment units). If a treatment unit is in use, a post-treatment sample may also be required in some cases, per project requirements.

Note: If treatment that could affect PFAS levels (e.g., carbon filtration or reverse osmosis) is part of the water distribution system, often a spigot will be present in the plumbing line between the water source and the treatment unit and this spigot should be used

- Remove any aerator/diffuser from the faucet, if possible. If removal is not possible, record this observation in the field notes.
- Allow the water to run freely from the tap until parameter stabilization per project-specific requirements is achieved, or as otherwise required by project-specific requirements. This will often require purging for 3 to 5 minutes.
- Reduce the water flow rate to minimize aeration of the sample. The water stream should be no wider than the diameter of a pencil.
- Fill the sample bottle (typically 250 mL) directly from the tap to the bottom of the neck of the bottle and cap the bottle immediately.
- After collecting the sample, cap the bottle and, if preservative is included, agitate by hand until the preservative is dissolved.

7.7 Field Reagent Blank Collection

Note: EPA Method 537 and modifications thereof for PFAS analysis require an FRB to be handled along with each sample set. A sample set is described as samples collected from the same sample site and at the same time, but "sample site" and "same time" are not precisely defined. Therefore, it is important to verify that the correct number of FRBs will be collected. *Collection of an FRB at every sampling point may be required.*

- Verify the number of FRBs to be collected for the project and where those samples must be collected. This should be described in the project planning documents such as work plans or sampling and analysis plans. If it is not, consult the PM.
- At the sampling site, when ready to collect an FRB, open the bottle of chemically preserved FRB reagent water provided by the laboratory and a corresponding empty bottle, also provided by the laboratory.
- Pour the preserved FRB reagent water into the empty sample bottle, close the cap, and label this filled bottle as the FRB.
- Pack and ship the FRB along with site samples and the required documentation (e.g., chain of custody form) to the laboratory.

Note: Although chain of custody forms will indicate that FRBs must be analyzed for PFAS, analysis of an FRB will be required only if site samples contain PFAS above a certain concentration. *If an FRB is analyzed and any PFAS concentration in the FRB exceeds 1/3 the laboratory MRL, then all samples collected with that FRB may be considered invalid and may require recollection and analysis* of the recollected samples*. Consult the project planning documents governing sample collection for specifics as to whether resampling is necessary. Care in collection and handling of site samples and FRBs in a way that avoids contamination cannot be overemphasized.*

Attachment 2

Soil Boring and Well Construction Logs

Tetra Tech
710 Avis Drive
Ann Arbor, MI 48108
Telephone: (734) 213-4030
Fax: (734) 213-5008

LOG OF: **MW-20-01**
(1 of 1)

Site:	**Georgia-Pacific South Broadway Facility**			Drilling Company:	**On-Site Environmental Services**
Address:	**1919 South Broadway**			Driller:	**Gage Kapugi**
City, State:	**Green Bay, Wisconsin**			Sampling Method:	**Macrocore**
Northing:	**247144.61**	Easting:	**2482956.99**	Logged By:	**JDW**
Total Depth	**20'**	Elev:	**586.35**	Weather:	**75° F Sunny**
Hole Diameter:	**6.25"**	PID Model & Lamp eV:	**NA**	Sand Pack Interval:	**8.5'-15.0'**
Casing (Interval, Diameter, Type):	**0'-10.0', 2", PVC**	Hole Abandonment:	**NA**	Grout Type & Interval:	**NA**
Groundwater Sample Screen (Interval, Diameter, SLOT Size, Type):	**10.0'-15.0', 2", 10, PVC**	Location:	**Coal Yard**		

Sample Type/No.	Blow Counts	Rec (%)	SOIL DESCRIPTION	Depth (feet)	PID (ppm)	WELL LOG	REMARKS
HA-1		50	Black, dry, fine to coarse SAND, with fine to coarse Gravel (Coal)				
HA-2		50	Black with small brown flecks, moist to wet, fine to coarse SAND, with fine to coarse Gravel (Coal)	2			
HA-3		50					
HA-4		50		4			
HA-5		50					
GP-1		100	Black to brown, dry to moist CLAY	6			
				8			8.5
GP-2		100	Brown, wet CLAY	10			10
			Black, saturated, fine to coarse GRAVEL and fine to coarse SAND	12			
			Brown to orange brown, saturated, fine to coarse GRAVEL, some fine to coarse Sand and Silt				
			Gray to brown, wet SILT and CLAY, trace organic material	14			
			Brown to orange brown, saturated, fine to medium SAND, some Silt				15
GP-3		100	Gray, wet CLAY, some fine Sand and Silt	16			
			Brown to orange brown, saturated, fine to coarse GRAVEL and fine to coarse SAND				
			Brown, moist CLAY, some Silt	18			
			Gray, moist, fine to coarse SAND and fine to coarse GRAVEL				
			Boring terminated at 20 ft	20			

Tetra Tech
710 Avis Drive
Ann Arbor, MI 48108
Telephone: (734) 213-4030
Fax: (734) 213-5008

LOG OF: **MW-20-02**
(1 of 1)

Site:	**Georgia-Pacific South Broadway Facility**	Drilling Company:	**On-Site Environmental Services**
Address:	**1919 South Broadway**	Driller:	**Gage Kapugi**
City, State:	**Green Bay, Wisconsin**	Sampling Method:	**Macrocore**
Northing:	**246162.59**	Easting: **2482354.20**	Logged By: **JDW** / Checked By: **MES**
Total Depth:	**20'**	Elev: **587.76** / Weather: **75° F Sunny**	Start Date: **6/9/2020** / Finish Date: **6/9/2020**
Hole Diameter:	**6.25"**	PID Model & Lamp eV: **NA**	Sand Pack Interval: **12.8'-19.0'** / Bentonite Chip Interval: **1.0'-12.8'**
Casing (Interval, Diameter, Type):	**0'-14.0', 2", PVC**	Hole Abandonment: **NA**	Grout Type & Interval: **NA**
Groundwater Sample Screen (Interval, Diameter, SLOT Size, Type):	**14.0'-19.0', 2", 10, PVC**	Location: **9' S and 6' W of SE corner of 96 Building**	

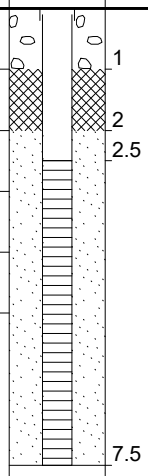
Sample Type/No.	Blow Counts	Rec (%)	SOIL DESCRIPTION	Depth (feet)	PID (ppm)	WELL LOG	REMARKS
HA-1		100	Gray, dry, fine to coarse GRAVEL				
			Brown, dry, fine to medium SAND				1
HA-2		100	Black, dry to moist, fine to coarse SAND, with fine Gravel				
HA-3		100		2			
HA-4		100					
			Brown, dry CLAY, trace fine to coarse Sand	4			
GP-1		100	Gray brown to black, dry, fine to coarse SAND, trace fine to coarse Gravel				
			Brown, damp CLAY, some fine to coarse Sand, few Silt	6			
GP-2		100	Brown, damp CLAY	8			
				10			
			Brown to black, damp GRAVEL, with fine to coarse Sand				
GP-3		100	Brown to gray brown, damp to moist SILT and CLAY, some fine to coarse Gravel	12			12.8
			Brown, moist to wet SILT and CLAY	14			14
				16			
GP-4		100	Black, saturated, fine to coarse SAND, with fine to coarse Gravel, some Silt	18			
			Gray, saturated SILT, some Clay				19
			Boring terminated at 20 ft	20			

Tetra Tech
710 Avis Drive
Ann Arbor, MI 48108
Telephone: (734) 213-4030
Fax: (734) 213-5008

LOG OF: **MW-20-03**
(1 of 1)

Site: **Georgia-Pacific South Broadway Facility**		Drilling Company: **On-Site Environmental Services**	
Address: **1919 South Broadway**		Driller: **Gage Kapugi**	
City, State: **Green Bay, Wisconsin**		Sampling Method: **Macrocore**	
Northing: **245368.69**	Easting: **2481702.56**	Logged By: **JDW**	Checked By: **MES**
Total Depth: **10'** Elev: **582.48**	Weather: **70° F Sunny**	Start Date: **6/10/2020**	Finish Date: **6/10/2020**
Hole Diameter: **6.25"**	PID Model & Lamp eV: **NA**	Sand Pack Interval: **2.0'-7.5'**	Bentonite Chip Interval: **1.0'-2.0'**
Casing (Interval, Diameter, Type): **0'-2.5', 2", PVC**	Hole Abandonment: **NA**	Grout Type & Interval: **NA**	
Groundwater Sample Screen (Interval, Diameter, SLOT Size, Type): **2.0'-7.5', 2", 10, PVC**	Location: **East of former digester tanks**		

Sample Type/No.	Blow Counts	Rec (%)	SOIL DESCRIPTION	Depth (feet)	PID (ppm)	WELL LOG	REMARKS
HA-1		100	Black, ASPHALT				
HA-2		100	Dark gray, dry, fine to coarse SAND, with fine to coarse Gravel, some Silt, trace Clay				
HA-3		100		2			
HA-4		100	Brown, wet, fine SAND				
HA-5		100		4			
GP-1		100	Dark gray, saturated, fine to coarse SAND, some Silt, trace orgainc material	6			
			Dark gray, saturated, fine to coarse SAND, some fine Gravel	8			
			Brown, moist CLAY, with Silt, trace fine Sand				
			Dark gray, moist SILT, some fine Sand, trace Clay and organic material	10			
			Boring terminated at 10 ft	12			
				14			
				16			
				18			
				20			



Attachment 3

Photographic Documentation Log

Attachment 3
Photograph Documentation Log
South Broadway Facility PFAS Investigation
Georgia-Pacific, LLC
Green Bay, Wisconsin

Photo: 1	
Direction: North	
Description: Monitoring well MW-20-01 installation location in the Coal Yard.	
Date: June 09, 2020	

Photo: 2	
Direction: East	
Description: Monitoring well MW-20-01 installation location in the Coal Yard.	
Date: June 09, 2020	

Attachment 3
Photograph Documentation Log
South Broadway Facility PFAS Investigation
Georgia-Pacific, LLC
Green Bay, Wisconsin

Photo: 3	
Direction: North	
Description: Monitoring well MW-20-01.	
Date: June 11, 2020	

Photo: 4	
Direction: North	
Description: Monitoring well MW-20-01 with cover removed.	
Date: June 11, 2020	

Attachment 3
Photograph Documentation Log
South Broadway Facility PFAS Investigation
Georgia-Pacific, LLC
Green Bay, Wisconsin

Photo: 5	
Direction: East	
Description: Monitoring well MW-20-02 installation location south of 96 building.	
Date: June 09, 2020	

Photo: 6	
Direction: West	
Description: Monitoring well MW-20-02 installation location south of 96 building.	
Date: June 09, 2020	

Attachment 3
Photograph Documentation Log
South Broadway Facility PFAS Investigation
Georgia-Pacific, LLC
Green Bay, Wisconsin

Photo: 7	
Direction: North	
Description: Monitoring well MW-20-02.	
Date: June 11, 2020	

Photo: 8	
Direction: North	
Description: Monitoring well MW-20-02 with cover removed.	
Date: June 11, 2020	

Attachment 3
Photograph Documentation Log
South Broadway Facility PFAS Investigation
Georgia-Pacific, LLC
Green Bay, Wisconsin

Photo: 9	
Direction: North	
Description: Monitoring well MW-20-03 with cover removed.	
Date: June 11, 2020	

Photo: 10	
Direction: West	
Description: Investigation derived waste (soil and water) staged near the location of the former clarification tanks.	
Date: June 11, 2020	

Attachment 3
Photograph Documentation Log
South Broadway Facility PFAS Investigation
Georgia-Pacific, LLC
Green Bay, Wisconsin

Photo: 11 **Direction:** North **Description:** Truck mounted Geoprobe 6600 series drill rig used to install the monitoring wells. **Date:** June 9, 2020	

Photo: 12 **Direction:** West **Description:** Collecting water quality parameters from the Fox River inlet on site. . **Date:** June 11, 2020	

Attachment 4

Wisconsin PFAS Aqueous (Non-Potable Water) and Non-Aqueous Matrices Expectations

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
NOTICE OF FINAL GUIDANCE & CERTIFICATION

Pursuant to ch. 227, Wis. Stats., the Wisconsin Department of Natural Resources has finalized and hereby certifies the following guidance document.

DOCUMENT ID

EA-19-0001

DOCUMENT TITLE

Wisconsin PFAS Aqueous (Non-Potable Water) and Non-Aqueous Matrices Method Expectations

PROGRAM/BUREAU

Certification Services / Environmental Analysis & Sustainability

STATUTORY AUTHORITY OR LEGAL CITATION

Wis. Stats. s. 299.11 and Wis. Admin. Code s. NR 149.41 (2)

DATE SENT TO LEGISLATIVE REFERENCE BUREAU (FOR PUBLIC COMMENTS)

9.16.19

DATE FINALIZED

12.16.19

DNR CERTIFICATION

I have reviewed this guidance document or proposed guidance document and I certify that it complies with sections 227.10 and 227.11 of the Wisconsin Statutes. I further certify that the guidance document or proposed guidance document contains no standard, requirement, or threshold that is not explicitly required or explicitly permitted by a statute or a rule that has been lawfully promulgated. I further certify that the guidance document or proposed guidance document contains no standard, requirement, or threshold that is more restrictive than a standard, requirement, or threshold contained in the Wisconsin Statutes.

Signature

Date 12/10/2019

Wisconsin PFAS Aqueous (Non-Potable Water) and Non-Aqueous Matrices Method Expectations

- Version 12.16.2019 -

Per- and Polyfluorinated Alkyl Substances (PFAS) Analysis Using Isotope Dilution by LC/MS/MS

The purpose of this document is to provide the expectations that will help the Program determine if a laboratory's method is considered suitable for analysis of PFAS in aqueous (non-potable water) and non-aqueous matrices for Wisconsin.

The Program has the legal authority under NR 149.41 (2) to determine whether the method selected by a laboratory is suitable for the matrix, type of analyte, expected level of analyte, regulatory limit, and anticipated interferences in the sample, when methods are not prescribed by covered programs under NR 149 or permits issued by the department.

Once the EPA publishes their 1600 series isotope dilution method, the Program will defer to that method for certification.

Potable water samples are analyzed utilizing EPA 537.1.

{F} = when "{F}" is listed after an expectation and the expectation is not met, then qualify the associated results on the test report. The qualifier can refer the data user to the narrative where detail is provided that indicates what the non-conformance was, and if known, the possible effects on the sample results.

Definitions are provided in Section **X, "Definitions,"** of this document.

I. Sample Handling

1. Instruct sample collectors to collect grab samples in high density polyethylene or polypropylene containers. {F} Avoid polytetrafluoroethylene (PTFE) containers and contact with PTFE surfaces.

2. Instruct sample collectors to collect an equipment blank when using equipment in the field to collect samples. {F}

3. Instruct sample collectors not to fill aqueous sample containers completely.

4. There is no chemical preservation necessary, just temperature preservation. Instruct sample collectors to ship aqueous and solid samples at above their freezing point to 6 °C. {F} Instruct sample collectors to ship tissue samples frozen. {F} Measure and document the temperature of aqueous and solid samples at sample receipt. Tissue samples received frozen can be documented as "frozen" at sample receipt.

5. Store aqueous and solid samples at above their freezing point to 6 °C at the laboratory. {F} Store tissue samples at less than or equal to -10 °C at the laboratory. {F} Store all extracts at 0 – 6 °C at the laboratory. {F}

6. Aqueous and solid sample holding times are within 28 days from collection to extraction and within 30 days from extraction to analysis. {F} Tissue sample holding times are within 1 year from collection to extraction and within 30 days from extraction to analysis. {F}

7. Rinse aqueous sample containers and all extract containers after transfers with one or more rinses of polar solvent to remove any PFAS that may have been adsorbed to container walls.

8. Thoroughly vortex or mix extracts and standards before transfer or aliquoting to remove any PFAS that may have been adsorbed to container walls.

9. Thoroughly vortex autosampler vials before loading the autosampler to remove any PFAS that may have adsorbed to container walls.

II. Initial Demonstration of Capability (IDC)

1. All analysts performing testing are expected to pass an IDC. If analysts perform only the extraction steps, then they are expected to pass the extraction portion of an IDC. If analysts perform only the analysis steps, then they are expected to pass the analysis portion of an IDC.

2. Analyze standards of all target (native) analytes and extracted internal standards (EIS) to determine retention times of the linear and branched isomers.

3. Analyze a method blank. The results are expected to be less than one-half the method reporting limit (MRL).

4. Assess precision and recovery by performing the entire procedure on four laboratory control samples (LCS) spiked at a midrange concentration of the initial calibration for each target (native) analyte. The average recovery is expected to be within 65-135%, and the RSD is expected to be less than or equal to 30%.

5. Assess recovery of the extracted internal standards (EIS) in each LCS. Except for FOSA, NMeFOSA, NEtFOSA, NMeFOSE, and NEtFOSE, EIS recoveries are expected to be within 50–150%. For FOSA, NMeFOSA, NEtFOSA, NMeFOSE, and NEtFOSE, EIS recoveries are expected to be within 20 – 150%.

III. Field Quality Control Samples

1. **Equipment blanks** (one per sampling event when equipment is used in the field to collect samples) – The results are expected to be less than the highest of the following {F}:

    a. 1/2 the MRL
    b. 1/10 the sample concentration

    It is not necessary to qualify equipment blank detections between the MDL and one-half the MRL.

2. **Field blanks** (one per sampling event for each sampling site) – The results are expected to be less than the highest of the following {F}:

    a. 1/2 the MRL
    b. 1/10 the sample concentration

    It is not necessary to qualify field blank detections between the MDL and one-half the MRL.

3. **Field duplicates** (one per sampling event for each sampling site) – The RPDs are expected to be less than or equal to 30% when analyte concentrations are greater than twice the MRL. {F} The RPDs are expected to be less than or equal to 50% when analyte concentrations are the MRL and twice the MRL. {F}

IV. Batch Quality Control Samples

1. **Method blank** (one per batch) – The results are expected to be less than the highest of the following {F}:

    a. 1/2 the MRL
    b. 1/10 the sample concentration

    It is not necessary to qualify method blank detections between the MDL and one-half the MRL.

    Method blanks are processed along with and under the same conditions, including all sample preparation steps (i.e. filtering, centrifuging), as the associated samples in the preparation batch.

2. **Laboratory control sample** (one per batch) – Spike with all target (native) analytes.

    Laboratory control samples are processed along with and under the same conditions, including all sample preparation steps (i.e. filtering, centrifuging), as the associated samples in the preparation batch.

    For aqueous and solids batches, spike the LCS at a low range (1 – 2x MRL) in each batch, or the laboratory may rotate spike concentrations between three consecutive batches alternating low range, midrange, and high range. Midrange and high range are relative to the initial calibration range. For aqueous and solid batches, the recoveries are expected to be within 60-135%, except for the low range (1 – 2x MRL) where the recoveries are expected to be within 50-150%. {F}

    For tissue batches, spike the LCS at midrange. For tissue batches the recoveries are expected to be within 60-135% with the following exceptions: for PFHxDA, PFODA, and NMeFOSA, the recoveries are expected to be within 50-135%; for PFDS, PFDoS, and 4:2 FTS, the recoveries are expected to be within 40-135%. {F}

3. **Extracted internal standards (EIS)** – Spike field samples and all quality control samples (preparation and instrument) with internal standards. The recoveries of these internal standards are used to adjust target (native) analyte concentrations. These isotopically labeled internal standards are added to the sample at the very beginning of the procedure, before extraction, centrifuging, filtering or phase separation takes place.

    In order to report quantitative results for the target (native) analytes using the EIS, a minimum signal to noise ratio of 10:1 is expected for each EIS. Do not report results with a qualifier if this minimum is not achieved.

    Except for FOSA, NMeFOSA, NEtFOSA, NMeFOSE, and NEtFOSE, the EIS recoveries are expected to be within 25-150% in samples. For FOSA, NMeFOSA, NEtFOSA, NMeFOSE, and NEtFOSE, these EIS recoveries are expected to be within 10-150% in samples. Once enough data points have been collected, the laboratory may develop their own statistical limits for these five EIS in samples. The statistical limits can be different than 10–150% as long as the expected minimum 10:1 signal to noise ratio is maintained for each EIS.

    If any EIS recoveries are outside of limits in a sample, reinject the sample. If the EIS recovery fails again, the data may be reported with a qualifier. {F}

    Use exact isotopically labeled analogs for the EIS where commercially available. As of December 2019, at least 25 of the 36 PFAS for which Wisconsin is offering certification are available as exact isotopically labeled analogs of the target (native) analytes. As of December 2019, the following 11 PFAS do not have exact isotopically labeled analogs commercially available and are therefore not currently necessary: PFTriA, PFODA, PFPeS, PFHpS, PFNS, PFDS, PFDoS, 10:2 FTSA, DONA, 9Cl-PF3ONS, and 11Cl-PF3OUdS.

For these 11 PFAS without an exact isotopically labeled analog commercially available, use an alternate EIS. The alternate EIS is expected to be isotopically labeled and is expected to be a chemically similar analyte that is close in retention time to the target (native) analyte. The alternate EIS may be from the same functional group as the target (native) analyte or have the same chain length as the target (native) analyte (whichever gives better performance). Typically, the alternate EIS comes from those EIS that are already in use. The same EIS can be used for more than one target (native) analyte.

V. Calibration (Initial and Continuing)

1. Perform initial calibration at setup and after an ICV or CCV standard failure. If an ICV or CCV standard fails, the laboratory may immediately analyze two additional consecutive ICV or CCV standards. If either of the two fails, or if immediate analysis is not possible, it is expected that a new initial calibration is performed. If both pass, then sample analysis can continue without a new initial calibration. If a CCV fails high and there are no detections in the associated samples, then analysis can proceed.

2. Initial calibration functions are expected to be as follows:

    a. Calibration factors have an RSD that is less than or equal to 20%.
    b. Linear regressions have a coefficient of determination that is greater than or equal to 0.99 and use a minimum of five non-zero concentration standards.
    c. Quadratic regressions have a coefficient of determination that is greater than or equal to 0.99 and use a minimum of six non-zero concentration standards.
    d. Do not force linear and quadratic regressions through zero.
    e. For each calibration standard, reprocess the target (native) analyte against the chosen calibration function. The reprocessed recoveries are expected to be within 70–130% of their actual concentrations, except for the lowest concentration standard, whose reprocessed recoveries are expected to be within 50–150% of their actual concentrations.

3. It is expected that sample analysis is not performed if the initial calibration fails.

4. Analyze standards of all target (native) analytes and EIS to determine retention times of the linear and branched isomers. Analyze branched isomers that have commercially available standards. As of December 2019, the following PFAS are commercially available as branched isomer analytical (quantitative) standards: PFHxS, PFOS, NMeFOSAA, and NEtFOSAA. As of December 2019, PFOA is commercially available as a branched isomer technical grade (qualitative) standard.

5. When an initial calibration is performed, it is expected that the midrange standard is used to establish absolute retention times. When an initial calibration is not performed, it is expected that the first CCV is used to establish absolute retention times.

6. Retention times of the target (native) analytes and the EIS are expected to fall within 0.4 minutes of the established absolute retention times. Comparison of the target (native) analyte and EIS retention times can help determine if analyte shifts occurred due to matrix effects.

7. **ICV (2nd source)** – It is expected that the ICV is performed with each new initial calibration before sample analysis. The ICV is analyzed after the ICB. As of December 2019, the following PFAS may be difficult to find as second sources and are therefore not currently necessary: PFHxDA, PFODA, PFDoS, NMeFOSA, NEtFOSA, NMeFOSE, and NEtFOSE. Recoveries in the ICV are expected to be within 70-130%. It is expected that sample analysis is not performed if the ICV fails.

8. **ICB** – It is expected that the ICB is analyzed immediately after the highest standard in the initial calibration and before the ICV to demonstrate the instrument is free from levels of contaminants that would bias results. The results of the ICB are expected to be less than one-half the MRL.

9. **CCV** – It is expected that CCVs are performed at the beginning and end of each analysis batch and after every 10 field samples.

    a. It is expected that the concentrations in the first CCV on non-initial calibration days are at the MRL.
    b. Target (native) analyte recoveries are expected to be within 50-150% for the CCV analyzed at the MRL.
    c. Target (native) analyte recoveries for all other CCVs are expected to be within 70-130%.
    d. It is expected that samples results are only reported when bracketed by passing CCVs unless the recovery failure is high and there are no detections of that analyte in the associated samples.

10. **CCB** – It is expected that the CCB is analyzed immediately after each CCV to demonstrate the instrument is free from levels of contaminants that would bias results. If method blanks or reagent blanks are analyzed after a CCV instead of a CCB, then it is expected that the CCB limits are used for assessment. The results of the CCBs are expected to be less than one-half the MRL.

11. It is expected that the same EIS as those used in samples are added to the initial calibration standards, ICV, CCVs, ICBs, and CCBs at the same concentration used in samples. The calibration standards (initial and continuing) are not extracted like samples. Since there is no matrix effect or extraction performed on these instrument quality control samples, the recoveries of the EIS are expected to be within 50 – 150%.

VI. Aqueous Sample Extraction

1. Extract the entire sample received in the sample container in which it was collected unless the exceptions listed below apply.

    a. Samples received at extremely high PFAS concentrations may be subsampled. {F}
    b. If more sample volume is received than what can be extracted through the solid phase extraction (SPE) cartridge, then subsampling is allowed. {F}

    Adsorption of target (native) analytes to sample collection container walls is known to occur in aqueous samples. Extract the entire aqueous sample volume. Subsampling of aqueous samples from the sample collection container is discouraged and can result in significant loss of longer-chain PFAS (e.g. carboxylic acids ≥ C9, sulfonic acids ≥ C7).

2. Spike the sample in the sample bottle it was received in by adding the EIS. Cap, invert and mix. It is expected that the EIS that are spiked into the sample are provided sufficient time to equilibrate in the sample before further processing. This allows the EIS time to disperse proportionally into the liquid phase and solid phase – same as the target (native) analytes and thereby providing a more accurate result. Add the EIS before any extraction, centrifuging, filtering or phase separation takes place.

    Biphasic and problematic sample matrices may have to use a different spiking procedure. It is best for the laboratory to contact the client prior to spiking and extraction to determine the best course of action to meet their data quality objectives. In these events, include detail in the narrative as to why spiking into the sample bottle was not possible, what was done instead, and if known, the possible effects on the sample results. {F}

3. If particulates in the sample have to be removed before using SPE, centrifuge the sample and take the liquid phase through the SPE. Samples should only be centrifuged when the suspended solids content visually appears to be high enough, by chemist inspection, that it would cause the SPE cartridge to clog.

   The laboratory could consider creating a "percent solids reference sample" that would include the minimum solids the laboratory has tested that would clog the SPE cartridge and use it to compare it to field samples. For reference, the Department of Defense has indicated that samples with percent solids greater than one percent may require centrifuging before performing the SPE procedure. Ideally, the entire sample is extracted, including the suspended solids.

4. If aqueous samples with a solid phase are centrifuged, the solid phase of the sample is expected to be a plug at the bottom of the container. It is expected that the solid phase remains in the container when rinsing the container walls with the polar elution solvent. Rinsing the container walls would therefore also include rinsing of the solids. If the polar elution solvent disrupts the solid phase significantly, the container can be centrifuged again before removing the solvent for use during the elution step of the SPE procedure.

5. If a total sample concentration is needed and there are significant solids in the sample, the initial spike of EIS into the sample container is sufficient for both phases. There is no need to re-spike the solid phase with EIS if it is being extracted separately.

6. Using filters to separate the solid phase from the liquid phase is discouraged unless there is data to demonstrate that the filters used do not result in contamination greater than one-half the MRL.

7. In the cases where a filter is used to separate the solid phase from the liquid phase, it is expected that the filter would also be rinsed to remove any potentially adsorbed PFAS. The filtrate is then added to the SPE cartridge during the elution step.

8. The data quality objectives from the data user should determine whether the solid phase of the sample has to be extracted or not. Not analyzing the solid phase may lead to a low bias in total sample concentration. Analyzing the liquid phase only would provide a liquid sample concentration result. It is expected that the laboratory would make it clear to the data user whether the reported concentrations are a total or liquid concentration sample result.

9. Determine sample volume by marking the sample level on the bottle or by weighing. It is expected that sample volumes would not be measured with a graduated cylinder. Sample volumes are expected to be measured and not assumed by container size.

   When the sample has significant solids, the laboratory should account for the weight or volume displaced by the solids in the initial sample volume determination and include this information in the test report.

10. Use an appropriate SPE cartridge for the target (native) analytes reported. A weak anion exchange cartridge has been shown to work with the PFAS for which Wisconsin is offering certification.

11. One or more rinses of polar solvent can be used for quantitative transfers. Rinse the sample bottle and cap with elution solvent, pour the solvent from each rinse through the SPE cartridge during the elution step, and collect the filtrate for analysis.

12. Bring to a quantitative final volume with the final injection solvent and vortex well.

VII. Non-Aqueous Sample Extraction

1. Homogenize the entire solid sample received in the sample container in which it was collected in by stirring the solids with a clean spatula or other suitable implement. This would help ensure that a representative subsample is taken.

2. For tissues (e.g. fish, wildlife), the target tissue (liver, fillet, whole fish) is isolated from the rest of the tissue sample. The target (isolated) tissue is ground and is typically provided to the analyst as a subsample. At the time of sample preparation, the analyst is to further homogenize the subsample by stirring with a clean spatula or other suitable implement. This would help ensure that a representative subsample is taken.

3. Spike a portion of the homogenized subsample by adding the EIS directly onto the sample. It is expected that the solvent used to carry the EIS spike onto the sample be allowed to evaporate prior to addition of the extraction solution.

4. Extract the PFAS from the non-aqueous samples with an appropriate solution prior to clean-up.

5. Use an appropriate clean-up cartridge (i.e. ENVI-Carb, W-AX, …) to remove the organic analytes extracted from the soil matrix. More than one type of clean-up cartridge can be used.

6. Use a clean-up cartridge on the fish tissue extract to eliminate known interferences with PFOS (e.g. bile acids such as taurodeoxycholic acid (TDCA)).

7. Ensure that all transfers are quantitative by solvent-rinsing with the elution solvent.

8. Bring to a quantitative final volume with the final injection solvent and vortex thoroughly.

VIII. Sample Analysis

1. Use an LC/MS/MS that is capable of negative ion ESI, produces unique product ions within retention time windows, and is able to provide a minimum of 10 scans across each peak.

2. Perform mass calibration such that the range of masses associated with all precursor and product ions are bracketed for both the primary and confirmation transitions. Documentation is expected to be available to demonstrate that the mass calibration covers this range. Calibrate the mass scale using the calibration analytes and procedure from the instrument manufacturer.

3. Analyte identification is performed using retention times, Signal/Noise ratio, Quantitation Parent Ion to Quantitation Daughter Ion (Quantitation Ion Transition), Confirmation Parent Ion to Confirmation Daughter Ion (Confirmation Ion Transition) and the Ion Transition Ratio.

4. Calculate sample results for the target (native) analytes that have exact isotopically labeled standards using isotope dilution (recovery correction using the EIS).

5. Calculate sample results for the target (native) analytes that do not have exact isotopically labeled standards using an alternate extracted isotopically labeled standard and internal standard quantitation recovery correction (recovery correction using the alternate EIS).

6. Use analytical (quantitative) standards containing both branched and linear isomers where commercially available. The analytical branched isomer standards are included in the initial calibration the same as the linear isomer

standards. Branched isomers in samples are quantitated against these analytical branched isomer standards. To calculate the target (native) analyte result, sum the resulting concentrations of all branched and linear isomers that have corresponding analytical standards.

7. Where analytical standards are not available for the branched isomers, use qualitative (technical grade) standards to identify the branched isomer using retention times, transitions, and ion transition ratios. Quantitate target (native) analytes that use qualitative branched isomer standards by integrating the branched and linear isomer peaks and sum the peak areas to get a total area. Calculate the target (native) analyte concentration using the linear isomer.

   Do not include branched isomer peaks in the initial calibration when qualitative standards are used, and do not use calibration functions from the qualitative branched isomer standards to quantitate branch isomer concentrations.

8. It is expected that the target (native) analytes that have exact labeled analogs would elute within 0.1 min of their analogs. {F}

9. Have a written policy on how retention time windows are established.

10. It is expected that the method reporting limit (MRL) concentration would not be below the lowest standard concentration in the initial calibration.

11. The MDL is expected to be less than the MRL.

12. Report sample results and all quality control blank results to the MDL and include the MRL with each result. Qualify results reported between the MDL and MRL as estimated concentrations.

    Example 1: MDL = 0.6, MRL = 2, sample result = 0.4. Report as:

Result	MDL	MRL
<0.6	0.6	2.0

    Example 2: MDL = 0.6, MRL = 2, sample result = 0.8. Report as:

Result	MDL	MRL
0.8 J	0.6	2.0

13. The MDL for PFOS and PFOA in non-potable waters are each expected to be no higher than 2 ng/L.

14. It is expected that high density polyethylene or polypropylene autosampler vials are single injection use only unless they are immediately recapped.

15. It is expected that all sample results are reported from a response that is no higher than the highest response in the initial calibration, except for samples that saturate the instrument. If supplemental EIS is needed to quantitate dilutions, qualify the results that used the supplemental EIS (in this case, true isotope dilution was not achieved).

16. It is expected that sample results that saturate the instrument are reported with “E” flags. {F}

17. For target (native) analytes, the Signal to Noise (S/N) ratio is expected to be greater than or equal to 3:1 for quantitation ions and confirmation ions. If the S/N is not achieved, it is expected that the peak would not be used in any way and the analyte would be reported as “not detected.”

18. All analytes that have two transitions are expected to include two transitions ions in the analysis (precursor ion to quantitation ion and precursor ion to confirmation ion). Use the confirmation ion for positive analyte identification. The department has provided a list of target (native) analytes and confirmation ions in section **XII**, "**Wisconsin Laboratory Accreditation Program PFAS Certification Offerings with Ions,"** of this document.

19. Assess primary and secondary ion transition ratios. It is expected that recoveries be within 50–150% of the value calculated from the midrange standard in the ICAL on ICAL days or from the beginning CCV on non-ICAL days. {F}

    The transition ratio = $\frac{\text{quantitation ion abundance}}{\text{confirmation ion abundance}}$ or $\frac{\text{confirmation ion abundance}}{\text{quantitation ion abundance}}$

    Either ratio protocol presented above can be used, but it is expected that the protocol is consistently used for all analytes.

    When the ion ratio fails, it is expected that the target (native) analytes would still be reported but qualify them as failing the ion ratio. {F} The ion transition ratio can help identify if bias is present. Ratios can be outside of limits due to interferences or the presence of branched isomers that are in the sample but not in the quantitation standards.

20. Document the primary and confirmation transitions and the ion transition ratio.

21. It is expected that the following transitions are used for quantitation of the following analytes [precursor – product] unless a technically justified reason is used and documented:

    a. PFOA 413-369
    b. PFOS 499-80
    c. PFHxS 399-80
    d. PFBS 299-80
    e. 4:2 FTS 327-307
    f. 6:2 FTS 427-407
    g. 8:2 FTS 527-507
    h. NEtFOSAA 584-419
    i. NMeFOSAA 570-419

22. The laboratory is expected to determine at what concentration the instrument has carryover at concentrations greater than one-half the MRL. The laboratory is expected to have a documented procedure to bring the instrument back in control after encountering a sample with carryover. PFAS have demonstrated a delayed release in the system.

23. Report results in acid form.

24. Verify standard purity and ensure that any standards with less than 98% purity are corrected for in the calculations.

25. Mass correct salt content in all calibration standards purchased as salts.

26. Perform a moisture analysis on solid samples (on a subsample different than that used for extraction) and adjust the final concentration of solid samples for the percent moisture.

27. If only the liquid phase of a biphasic sample was extracted, report the results as liquid concentration results instead of total sample concentration results. The lab should report the weight of the solid phase not prepared in this case. This can be detailed in the narrative.

28. If the data quality objective is to obtain a total sample concentration and the sample is biphasic, then extract and analyze both phases.

29. Do not subtract quality control blank values from sample result values.

30. Integrate linear and branched isomers in the samples in the same manner as the standards.

31. Include the following elements in the laboratory SOP:

    a. The extracted internal standards used to calculate the result of each target (native) analyte reported.
    b. The mass used for the precursor ion for each analyte.
    c. The mass used for the product quantitation ion for each analyte.
    d. The mass used for the product confirmation ion for each analyte.
    e. Instructions for conditioning and elution of the SPE cartridge.
    f. Indicate which branched isomers are calculated using the linear isomer standard.

32. PFOA and PFOS WP PT samples are necessary for aqueous (non-potable water) certification of PFOA and PFOS. To obtain the 36-analyte group for aqueous (non-potable water) or non-aqueous from Wisconsin, analyze a PT with a minimum of 6 PFAS that include PFOA and PFOS. It is expected that 80% of the spiked analytes pass.

33. Requirements in NR 149 still apply to this analysis unless otherwise specified in this document.

AS NEW INFORMATION IS PROVIDED BY THE EPA, THIS DOCUMENT WILL BE UPDATED.

IX. Other Considerations

1. Screen a separate aliquot of sample received prior to preparation of a quantitative analysis.
2. Prior to any quantitative analysis, at least one, if not multiple instrument blanks should be analyzed to assess the system for potential contamination. These instrument blanks should include EIS to enable quantitation of the contamination.
3. Evaluate all containers, water, reagents, solvents, materials, SPE cartridges, and equipment as sources of contamination. The lab should be able to demonstrate that these items are not introducing unacceptable positive or negative bias.
4. Supplies should be tested on a lot-by-lot basis.
5. Avoid contact with glassware.
6. Avoid any Teflon including Teflon lined caps.
7. Flush water purification system with 3 liters of reagent water before using.
8. Use LC PEEK tubing and stainless-steel frits.
9. Use polypropylene transfer lines.
10. Replace mobile phase after 48 hours of preparation.
11. Store standards in the containers they were received in and at the storage conditions recommended by the manufacturer.
12. Store solid PFSA standards in a desiccator as they can hydrate over time.
13. PFCA standards in methanol solution may undergo esterification to methyl esters. Ideally, purchase PFCA standard solutions in methanol that contain four mole equivalents of NaOH. Use basic methanol (0.3% NH_4OH v/v in methanol) rather than straight methanol for all standard dilutions to avoid this potential problem.
14. PFSA standards that are ^{18}O-labelled may exchange with water and therefore reducing purity.
15. To establish retention times, analyze individual standards of each analyte. Analyze a mixed standard of all analytes to confirm their separation and identification.
16. Validate each individual standard and labeled standard by analysis to confirm its identity and the absence of significant impurities.
17. Certified standards have been known to vary by as much as 20% between vendors. The laboratory should be able to demonstrate that the standards being used are of known and defensible quality.
18. Some certified standards are less than 90% pure and often contain impurities that are other PFAS being analyzed.
19. EIS should be 96% or greater purity. When the impurity consists of an unlabeled analyte, the EIS can result in a background artifact that is present in every sample, standard, and blank if the EIS is spiked at excessive concentrations.
20. Different certified standards can have different isomer content.
21. Calibration standards are solvent based only. Matrix matched calibration standards (such as those that include sand or fish tissue) should not be used for isotope dilution methods.
22. If the site where samples are being collected is considered a “newer” spill and source apportionment is one of the data quality objectives, ship the samples with dry ice. PFAS transformation can occur if the samples are not frozen.
23. Although matrix spikes and matrix spike duplicates (MS/MSDs) are not necessary, analyzing them would help with assessing measurement bias for those target (native) analytes that do not have exact labeled isotope analogs.
24. Solid samples should not be air dried unless required by a QAPP.
25. Perform solid and fish tissue PT samples.

X. Definitions

Confirmation Ion - one of the fragment ions (product ions) used to help qualitatively confirm presence of the analyte. The product ion chosen is typically one of the remaining ions with high sensitivity and minimum interferences, after the quantitation ion has been chosen. Not all precursor ions provide confirmation ions.

Extraction batch – a set of one to 20 environmental samples of the same certification matrix with a maximum time of 24 hours between the start of processing of the first and last samples in the batch.

Extracted Internal Standards (EIS) - isotopically labeled internal standards that undergo the same extraction and analysis as the other analytes in the sample. The EIS are added to the sample at the very beginning of the procedure before extraction, centrifugation, filtering, or phase separation. Ideally, these are exact isotopically labeled analogs of the target (native) analyte so that identical behavior can be assumed. The recoveries of these standards are used to adjust the target (native) analyte results.

Internal Standard Dilution Quantitation - measurement of native analytes using an alternate analog (surrogate) isotope (one that has the same chemical behavior and is close in retention time to the native analyte) thus providing a close approximation of matrix effects and losses that can occur during the preparatory and analytical procedures. The native analyte concentration is adjusted for the recovery of the alternate analog isotope. An alternate analog isotope is typically used when an exact analog isotope is not available.

Method Detection Limit (MDL) – the minimum measured concentration of a substance that is reported with 99% confidence that the measured concentration is distinguishable from method blank results. The MDL is generated according to the procedure specified in the latest revision of 40 CFR Part 136, Appendix B. The MDL is expected to meet S/N ratio, ion transition ratio, and both quantitation and confirmation ions.

Method Reporting Limit (MRL) – the minimum concentration reported as a quantitative value for a method analyte in a sample following analysis. This defined concentration is expected to be no lower than the concentration of the lowest calibration standard for that analyte and is only used if the recovery in the lowest standard is within 50 – 150%.

Native Analyte - the analyte being tested in the matrix of interest. It is also the analyte for which a result would be reported. It is defined as native to distinguish it from analyte standards added during the test procedure. Native analyte is also referred to as “target analyte” or “reported analyte.”

Precursor Ion – the deprotonated molecule of the analyte. The precursor ion is mass selected and fragmented to produce distinctive product ions of smaller m/z.

Product Ion – one of the fragment ions produced from the precursor ion.

Quantitation Ion – one of the fragment ions (product ions) used to quantitate analyte concentrations. The product ion chosen is typically one of high sensitivity and minimum interferences.

True Isotope Dilution Quantitation – measurement of native analytes using an exact analog (surrogate) isotope of the native analyte thus eliminating differences in chemical behavior. The native analyte concentration is adjusted for the recovery of the exact analog isotope that has been included in the preparatory and analytical procedures.

XI. Wisconsin Laboratory Accreditation Program PFAS Certification Offerings – 5.1.19

#	Acronym	Name	CAS #	# carbons	Acronyms (other)
Carboxylic Acids					
1	PFBA	Perfluorobutanoic acid	375-22-4	4	
2	PFPeA	Perfluoropentanoic acid	2706-90-3	5	
3	PFHxA	Perfluorohexanoic acid	307-24-4	6	
4	PFHpA	Perfluoroheptanoic acid	375-85-9	7	
5	PFOA	Perfluorooctanoic acid	335-67-1	8	
6	PFNA	Perfluorononanoic acid	375-95-1	9	
7	PFDA	Perfluorodecanoic acid	335-76-2	10	
8	PFUnA	Perfluoroundecanoic acid	2058-94-8	11	PFUdA, PFUnDA
9	PFDoA	Perfluorododecanoic acid	307-55-1	12	PFDoDA
10	PFTriA	Perfluorotridecanoic acid	72629-94-8	13	PFTrA, PFTrDA
11	PFTeA	Perfluorotetradecanoic acid	376-06-7	14	PFTeDA
12	PFHxDA	Perfluorohexadecanoic acid	67905-19-5	16	
13	PFODA	Perfluorooctadecanoic acid	16517-11-6	18	
Sulfonic Acids					
14	PFBS	Perfluorobutanesulfonic acid	375-73-5	4	
15	PFPeS	Perfluoropentanesulfonic acid	2706-91-4	5	
16	PFHxS	Perfluorohexanesulfonic acid	355-46-4	6	
17	PFHpS	Perfluoroheptanesulfonic acid	375-92-8	7	
18	PFOS	Perfluorooctanesulfonic acid	1763-23-1	8	
19	PFNS	Perfluorononanesulfonic acid	68259-12-1	9	
20	PFDS	Perfluorodecanesulfonic acid	335-77-3	10	
21	PFDoS	Perfluorododecanesulfonic acid	79780-39-5	12	PFDoDS
22	4:2 FTSA	4:2 Fluorotelomer sulfonic acid	757124-72-4	6	
23	6:2 FTSA	6:2 Fluorotelomer sulfonic acid	27619-97-2	8	
24	8:2 FTSA	8:2 Fluorotelomer sulfonic acid	39108-34-4	10	
25	10:2 FTSA	10:2 Fluorotelomer sulfonic acid	120226-60-0	12	
Sulfonamides, Sulfomidoacetic acids, Sulfonamidoethanols					
26	FOSA	Perfluorooctane sulfonamide	754-91-6	8	PFOSA
27	NMeFOSA	N-Methyl perfluorooctane sulfonamide	31506-32-8	9	MeFOSA
28	NEtFOSA	N-Ethyl perfluorooctane sulfonamide	4151-50-2	10	EtFOSA
29	NMeFOSAA	N-Methyl perfluorooctane sulfonamidoacetic acid	2355-31-9	11	MeFOSAA
30	NEtFOSAA	N-Ethyl perfluorooctane sulfonamidoacetic acid	2991-50-6	12	EtFOSAA

31	NMeFOSE	N-Methyl perfluorooctane sulfonamidoethanol	24448-09-7	11	MeFOSE
32	NEtFOSE	N-Ethyl perfluorooctane sulfonamidoethanol	1691-99-2	12	EtFOSE
Replacement Chemicals					
33	HFPO-DA	Hexafluoropropylene oxide dimer acid [1]	13252-13-6	6	PFPrOPrA
34	DONA	4,8-Dioxa-3H-perfluorononanoic acid [2]	919005-14-4	7	
35	9Cl-PF3ONS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid [3]	756426-58-1	8	F-53B Major
36	11Cl-PF3OUdS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid [4]	763051-92-9	10	F-53B Minor

	1 - Also referred to as "GenX"
	2 - Also available as the ammonium salt = ADONA (Ammonium 4,8-dioxa-3H-perfluorononanoate) # 958445-44-8
	3 - Also available as the potassium salt = Potassium, 9-chlorohexadecafluoro-3-oxanone-1-sulfonate # 73606-19-6
	4 - Also available as the potassium salt = Potassium, 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate # 83329-89-9

XII. Wisconsin Laboratory Accreditation Program PFAS Certification Offerings with Ions – 10.27.19

The masses presented are expected to be used, although if other masses are used for the precursor or product ions, the reason is expected to be documented (such as interferences). If the confirmation ion is weak (S/N < 3), it does not have to be used but instrument optimization can increase the S/N.

#	Acronym	Name	CAS #	Precursor Ion Mass	Primary Product Ion Mass	Suggested Confirmation Product Ion Mass
Carboxylic Acids						
1	PFBA	Perfluorobutanoic acid	375-22-4	**213**	**169**	**None**
2	PFPeA	Perfluoropentanoic acid	2706-90-3	**263**	**219**	**69, None**
3	PFHxA	Perfluorohexanoic acid	307-24-4	**313**	**269**	**119**
4	PFHpA	Perfluoroheptanoic acid	375-85-9	**363**	**319**	**169**
5	PFOA	Perfluorooctanoic acid	335-67-1	**413**	**369**	**169**
6	PFNA	Perfluorononanoic acid	375-95-1	**463**	**419**	**219**
7	PFDA	Perfluorodecanoic acid	335-76-2	**513**	**469**	**219**
8	PFUnA	Perfluoroundecanoic acid	2058-94-8	**563**	**519**	**269**
9	PFDoA	Perfluorododecanoic acid	307-55-1	**613**	**569, 319**	**569, 369, 319, 269, 169**
10	PFTriA	Perfluorotridecanoic acid	72629-94-8	**663**	**619**	**369, 319, 269, 169**
11	PFTeA	Perfluorotetradecanoic acid	376-06-7	**713**	**669**	**369, 319, 269, 169**
12	PFHxDA	Perfluorohexadecanoic acid	67905-19-5	**813**	**769**	**369, 319, 269, 219, 169**
13	PFODA	Perfluorooctadecanoic acid	16517-11-6	**913**	**869**	**369, 319, 269, 219, 169**
Sulfonic Acids						
14	PFBS	Perfluorobutanesulfonic acid	375-73-5	**299**	**80**	**99**
15	PFPeS	Perfluoropentanesulfonic acid	2706-91-4	**349**	**80**	**99**
16	PFHxS	Perfluorohexanesulfonic acid	355-46-4	**399**	**80**	**99**
17	PFHpS	Perfluoroheptanesulfonic acid	375-92-8	**449**	**99, 80**	**99, 80**
18	PFOS	Perfluorooctanesulfonic acid	1763-23-1	**499**	**80**	**99**
19	PFNS	Perfluorononanesulfonic acid	68259-12-1	**549**	**80**	**99**
20	PFDS	Perfluorodecanesulfonic acid	335-77-3	**599**	**99, 80**	**99, 80**
21	PFDoS	Perfluorododecanesulfonic acid	79780-39-5	**699**	**80**	**99, 62**
22	4:2 FTSA	4:2 Fluorotelomer sulfonic acid	757124-72-4	**327**	**307**	**81, 80**
23	6:2 FTSA	6:2 Fluorotelomer sulfonic acid	27619-97-2	**427**	**407**	**81, 80**
24	8:2 FTSA	8:2 Fluorotelomer sulfonic acid	39108-34-4	**527**	**507**	**81, 80**
25	10:2 FTSA	10:2 Fluorotelomer sulfonic acid	120226-60-0	**627**	**607**	**587, 81, 80**

Sulfonamides, Sulfomidoacetic acids, Sulfonamidoethanols						
26	FOSA	Perfluorooctane sulfonamide	754-91-6	**498**	**78**	**478, 169, None**
27	NMeFOSA	N-Methyl perfluorooctane sulfonamide	31506-32-8	**512**	**169**	**219**
28	NEtFOSA	N-Ethyl perfluorooctane sulfonamide	4151-50-2	**526**	**169**	**219**
29	NMeFOSAA	N-Methyl perfluorooctane sulfonamidoacetic acid	2355-31-9	**570**	**419**	**512, 483**
30	NEtFOSAA	N-Ethyl perfluorooctane sulfonamidoacetic acid	2991-50-6	**584**	**419**	**526, 483**
31	NMeFOSE	N-Methyl perfluorooctane sulfonamidoethanol	24448-09-7	**616**	**59**	**122, None**
32	NEtFOSE	N-Ethyl perfluorooctane sulfonamidoethanol	1691-99-2	**630**	**59**	**136, None**
Replacement Chemicals						
33	HFPO-DA	Hexafluoropropylene oxide dimer acid	13252-13-6	**329**	**285, 169**	**285, 169, None**
34	DONA	4,8-Dioxa-3H-perfluorononanoic acid	919005-14-4	**377**	**251**	**85, None**
35	9Cl-PF3ONS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	756426-58-1	**531**	**351**	**83, None**
36	11Cl-PF3OUdS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	763051-92-9	**631**	**451**	**99, None**

NOTE: ISO 21675, SW 8327, and Wellington Laboratories provide precursor, product and confirmation ions for many of the extracted internal standards

Mass Source
EPA 537.1
DoD QSM 5.3
Janice Willey
EPA-821-R-11-007, PFAS in Sludge/Biosolids
ISO 21675
SW 8327
Wellington Laboratories
Confirmation mass have multiple sources

Attachment 5

Groundwater Analytical Summary Report and Level IV Data

July 10, 2020

Vista Work Order No. 2001276

Mr. Michael Savale
Tetra Tech
710 Avis Drive, Suite 100
Ann Arbor, MI 48108

Dear Mr. Savale,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on June 13, 2020 under your Project Name '117-4124128 South Broadway Facility PFAS'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

Martha Maier
Laboratory Director

Vista Work Order No. 2001276
Case Narrative

Sample Condition on Receipt:

Seven aqueous samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

Analytical Notes:

PFAS Isotope Dilution Method

Samples "MW-20-01", "MW-20-02" and "Duplicate-1" contained particulate and were centrifuged prior to extraction.

The samples were extracted and analyzed for a selected list of PFAS using Vista's PFAS Isotope Dilution Method. The results for PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Results for all other analytes include the linear isomers only.

Holding Times

The samples were extracted and analyzed within the recommended hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above 1/2 of the Reporting Limits. The OPR recoveries were within the method acceptance criteria.

The internal standard recoveries outside the acceptance criteria are listed in the table below.

QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
2001276-02	MW-20-01	PFAS Isotope Dilution Method	13C2-PFHxDA	H	22.3
2001276-04	MW-20-02	PFAS Isotope Dilution Method	13C3-PFBA	H	2.30
2001276-04	MW-20-02	PFAS Isotope Dilution Method	13C3-PFPeA	H	21.7
2001276-04	MW-20-02	PFAS Isotope Dilution Method	13C2-PFHxDA	H	23.2
2001276-07	Duplicate-1	PFAS Isotope Dilution Method	13C2-PFTeDA	H	22.3
2001276-07	Duplicate-1	PFAS Isotope Dilution Method	13C2-PFHxDA	H	5.60
B0F0172-BLK1	B0F0172-BLK1	PFAS Isotope Dilution Method	d5-EtFOSA	H	8.40

H = Recovery was outside laboratory acceptance criteria.

TABLE OF CONTENTS

Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2001276-01	Equipment Blank-1	09-Jun-20 09:35	13-Jun-20 10:30	HDPE Bottle, 250 mL
				HDPE Bottle, 250 mL
2001276-02	MW-20-01	11-Jun-20 08:55	13-Jun-20 10:30	HDPE Bottle, 250 mL
				HDPE Bottle, 250 mL
2001276-03	Field Blank	11-Jun-20 09:15	13-Jun-20 10:30	HDPE Bottle, 250 mL
				HDPE Bottle, 250 mL
2001276-04	MW-20-02	11-Jun-20 11:00	13-Jun-20 10:30	HDPE Bottle, 250 mL
				HDPE Bottle, 250 mL
2001276-05	MW-20-03	11-Jun-20 12:40	13-Jun-20 10:30	HDPE Bottle, 250 mL
				HDPE Bottle, 250 mL
2001276-06	Equipment Blank-2	11-Jun-20 12:55	13-Jun-20 10:30	HDPE Bottle, 250 mL
				HDPE Bottle, 250 mL
2001276-07	Duplicate-1	11-Jun-20 00:00	13-Jun-20 10:30	HDPE Bottle, 250 mL
				HDPE Bottle, 250 mL

ANALYTICAL RESULTS

Vista Analytical Laboratory

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0172-BLK1
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.365	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFPeA	2706-90-3	ND	0.640	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFBS	375-73-5	ND	0.895	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
4:2 FTS	757124-72-4	ND	0.695	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFHxA	307-24-4	ND	1.09	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFPeS	2706-91-4	ND	1.21	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
HFPO-DA	13252-13-6	ND	2.41	2.50		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFHpA	375-85-9	ND	0.296	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
ADONA	919005-14-4	ND	0.361	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFHxS	355-46-4	ND	0.474	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
6:2 FTS	27619-97-2	ND	1.00	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFOA	335-67-1	ND	0.326	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFHpS	375-92-8	ND	0.469	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFNA	375-95-1	ND	0.405	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFOSA	754-91-6	ND	0.885	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFOS	1763-23-1	ND	0.404	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
9Cl-PF3ONS	756426-58-1	ND	0.725	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFDA	335-76-2	ND	0.745	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
8:2 FTS	39108-34-4	ND	1.03	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFNS	68259-12-1	ND	1.94	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
MeFOSAA	2355-31-9	ND	0.825	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
EtFOSAA	2991-50-6	ND	0.685	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFUnA	2058-94-8	ND	0.525	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFDS	335-77-3	ND	0.615	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
11Cl-PF3OUdS	763051-92-9	ND	1.21	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
10:2 FTS	120226-60-0	ND	1.57	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFDoA	307-55-1	ND	0.396	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
MeFOSA	31506-32-8	ND	1.92	10.0		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFTrDA	72629-94-8	ND	0.247	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFDoS	79780-39-5	ND	2.09	2.50		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFTeDA	376-06-7	ND	0.378	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
EtFOSA	4151-50-2	ND	2.56	10.0		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFHxDA	67905-19-5	ND	0.147	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFODA	16517-11-6	ND	3.07	3.50		B0F0172	03-Jul-20	0.250 L	09-Jul-20 03:32	1
MeFOSE	24448-09-7	ND	3.04	10.0		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
EtFOSE	1691-99-2	ND	4.72	10.0		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	72.5	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1

Sample ID: Method Blank **PFAS Isotope Dilution Method**

Client Data

Name: Tetra Tech Matrix: Aqueous

Project: 117-4124128 South Broadway Facility PFAS

Laboratory Data

Lab Sample: B0F0172-BLK1 Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFPeA	IS	73.9	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C3-PFBS	IS	80.7	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C3-HFPO-DA	IS	68.7	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-4:2 FTS	IS	81.0	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-PFHxA	IS	75.3	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C4-PFHpA	IS	76.8	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C3-PFHxS	IS	82.4	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-6:2 FTS	IS	71.3	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C5-PFNA	IS	73.9	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C8-PFOSA	IS	39.5	10 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-PFOA	IS	79.8	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C8-PFOS	IS	79.4	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-PFDA	IS	67.2	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-8:2 FTS	IS	68.2	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
d3-MeFOSAA	IS	61.4	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-PFUnA	IS	64.1	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
d5-EtFOSAA	IS	64.2	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-10:2 FTS	IS	57.6	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-PFDoA	IS	62.5	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
d3-MeFOSA	IS	11.3	10 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-PFTeDA	IS	62.1	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
d5-EtFOSA	IS	8.40	10 - 150	H	B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-PFHxDA	IS	55.6	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
d7-MeFOSE	IS	28.4	10 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
d9-EtFOSE	IS	27.2	10 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Vista Analytical Laboratory

Sample ID: OPR — **PFAS Isotope Dilution Method**

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0172-BS1
Column: BEH C18

Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	8.22	8.00	103	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFPeA	2706-90-3	8.14	8.00	102	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFBS	375-73-5	7.70	8.00	96.2	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
4:2 FTS	757124-72-4	6.91	8.00	86.3	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFHxA	307-24-4	9.02	8.00	113	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFPeS	2706-91-4	8.18	8.00	102	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
HFPO-DA	13252-13-6	8.09	8.00	101	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFHpA	375-85-9	7.33	8.00	91.6	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
ADONA	919005-14-4	6.79	8.00	84.8	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFHxS	355-46-4	7.15	8.00	89.3	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
6:2 FTS	27619-97-2	7.51	8.00	93.8	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFOA	335-67-1	8.02	8.00	100	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFHpS	375-92-8	7.13	8.00	89.1	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFNA	375-95-1	7.79	8.00	97.4	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFOSA	754-91-6	7.60	8.00	95.0	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFOS	1763-23-1	6.75	8.00	84.3	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
9Cl-PF3ONS	756426-58-1	7.42	8.00	92.8	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFDA	335-76-2	8.28	8.00	103	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
8:2 FTS	39108-34-4	7.98	8.00	99.8	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFNS	68259-12-1	6.14	8.00	76.8	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
MeFOSAA	2355-31-9	7.52	8.00	94.0	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
EtFOSAA	2991-50-6	8.05	8.00	101	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFUnA	2058-94-8	7.31	8.00	91.3	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFDS	335-77-3	7.28	8.00	91.0	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
11Cl-PF3OUdS	763051-92-9	8.71	8.00	109	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
10:2 FTS	120226-60-0	8.24	8.00	103	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFDoA	307-55-1	7.84	8.00	98.0	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
MeFOSA	31506-32-8	39.0	40.0	97.6	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFTrDA	72629-94-8	7.63	8.00	95.4	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFDoS	79780-39-5	8.76	8.00	109	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFTeDA	376-06-7	7.13	8.00	89.1	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
EtFOSA	4151-50-2	35.8	40.0	89.5	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFHxDA	67905-19-5	7.63	8.00	95.4	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFODA	16517-11-6	5.04	8.00	63.0	50 - 150		B0F0172	03-Jul-20	0.250 L	09-Jul-20 03:42	1

Sample ID: OPR **PFAS Isotope Dilution Method**

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0172-BS1
Column: BEH C18

Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
MeFOSE	24448-09-7	39.1	40.0	97.8	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
EtFOSE	1691-99-2	38.1	40.0	95.2	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
Labeled Standards		**Type**		**% Rec**	**Limits**	**Qualifiers**	**Batch**	**Extracted**	**Samp Size**	**Analyzed**	**Dilution**
13C3-PFBA		IS		80.8	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C3-PFPeA		IS		80.9	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C3-PFBS		IS		90.6	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C3-HFPO-DA		IS		81.6	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-4:2 FTS		IS		90.5	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-PFHxA		IS		77.5	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C4-PFHpA		IS		84.7	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C3-PFHxS		IS		90.9	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-6:2 FTS		IS		84.4	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C5-PFNA		IS		83.6	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C8-PFOSA		IS		43.7	10- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-PFOA		IS		82.5	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C8-PFOS		IS		85.3	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-PFDA		IS		76.7	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-8:2 FTS		IS		84.5	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
d3-MeFOSAA		IS		69.7	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-PFUnA		IS		67.6	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
d5-EtFOSAA		IS		69.8	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-10:2 FTS		IS		57.6	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-PFDoA		IS		67.2	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
d3-MeFOSA		IS		12.7	10- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-PFTeDA		IS		64.3	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
d5-EtFOSA		IS		10.2	10- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-PFHxDA		IS		51.6	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
d7-MeFOSE		IS		29.9	10- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
d9-EtFOSE		IS		30.9	10- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1

Vista Analytical Laboratory

Sample ID: Equipment Blank-1

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 09-Jun-20 09:35

Laboratory Data

Lab Sample: 2001276-01
Date Received: 13-Jun-20 10:30
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.397	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFPeA	2706-90-3	ND	0.698	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFBS	375-73-5	ND	0.976	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
4:2 FTS	757124-72-4	ND	0.758	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFHxA	307-24-4	ND	1.19	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFPeS	2706-91-4	ND	1.32	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
HFPO-DA	13252-13-6	ND	2.63	2.73		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFHpA	375-85-9	ND	0.322	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
ADONA	919005-14-4	ND	0.394	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFHxS	355-46-4	ND	0.516	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
6:2 FTS	27619-97-2	ND	1.09	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFOA	335-67-1	ND	0.355	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFHpS	375-92-8	ND	0.511	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFNA	375-95-1	ND	0.441	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFOSA	754-91-6	ND	0.965	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFOS	1763-23-1	ND	0.440	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
9Cl-PF3ONS	756426-58-1	ND	0.790	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFDA	335-76-2	ND	0.812	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
8:2 FTS	39108-34-4	ND	1.12	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFNS	68259-12-1	ND	2.11	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
MeFOSAA	2355-31-9	ND	0.899	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
EtFOSAA	2991-50-6	ND	0.747	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFUnA	2058-94-8	ND	0.572	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFDS	335-77-3	ND	0.670	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
11Cl-PF3OUdS	763051-92-9	ND	1.31	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
10:2 FTS	120226-60-0	ND	1.71	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFDoA	307-55-1	ND	0.432	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
MeFOSA	31506-32-8	ND	2.09	10.9		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFTrDA	72629-94-8	ND	0.269	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFDoS	79780-39-5	ND	2.27	2.73		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFTeDA	376-06-7	ND	0.412	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
EtFOSA	4151-50-2	ND	2.79	10.9		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFHxDA	67905-19-5	ND	0.160	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFODA	16517-11-6	ND	3.35	3.82		B0F0172	03-Jul-20	0.229 L	09-Jul-20 03:52	1
MeFOSE	24448-09-7	ND	3.31	10.9		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
EtFOSE	1691-99-2	ND	5.15	10.9		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	63.3	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1

Vista Analytical Laboratory

Sample ID: Equipment Blank-1

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 09-Jun-20 09:35

Laboratory Data

Lab Sample: 2001276-01
Date Received: 13-Jun-20 10:30
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFPeA	IS	77.1	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C3-PFBS	IS	82.4	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C3-HFPO-DA	IS	75.1	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-4:2 FTS	IS	82.3	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-PFHxA	IS	77.0	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C4-PFHpA	IS	80.0	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C3-PFHxS	IS	78.2	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-6:2 FTS	IS	69.4	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C5-PFNA	IS	81.2	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C8-PFOSA	IS	44.3	10 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-PFOA	IS	80.8	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C8-PFOS	IS	86.5	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-PFDA	IS	72.8	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-8:2 FTS	IS	79.6	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
d3-MeFOSAA	IS	77.5	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-PFUnA	IS	69.7	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
d5-EtFOSAA	IS	78.8	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-10:2 FTS	IS	71.9	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-PFDoA	IS	71.4	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
d3-MeFOSA	IS	18.2	10 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-PFTeDA	IS	62.3	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
d5-EtFOSA	IS	17.1	10 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-PFHxDA	IS	50.1	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
d7-MeFOSE	IS	42.0	10 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
d9-EtFOSE	IS	43.2	10 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Vista Analytical Laboratory

Sample ID: MW-20-01

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 08:55

Laboratory Data

Lab Sample: 2001276-02
Date Received: 13-Jun-20 10:30
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	3.16	0.363	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFPeA	2706-90-3	ND	0.637	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFBS	375-73-5	ND	0.891	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
4:2 FTS	757124-72-4	ND	0.692	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFHxA	307-24-4	ND	1.09	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFPeS	2706-91-4	ND	1.20	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
HFPO-DA	13252-13-6	ND	2.40	2.49		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFHpA	375-85-9	ND	0.294	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
ADONA	919005-14-4	ND	0.359	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFHxS	355-46-4	ND	0.471	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
6:2 FTS	27619-97-2	ND	0.996	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFOA	335-67-1	1.01	0.324	1.99	J	B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFHpS	375-92-8	ND	0.466	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFNA	375-95-1	ND	0.403	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFOSA	754-91-6	ND	0.881	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFOS	1763-23-1	ND	0.402	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
9Cl-PF3ONS	756426-58-1	ND	0.722	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFDA	335-76-2	ND	0.742	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
8:2 FTS	39108-34-4	ND	1.03	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFNS	68259-12-1	ND	1.93	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
MeFOSAA	2355-31-9	ND	0.821	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
EtFOSAA	2991-50-6	ND	0.682	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFUnA	2058-94-8	ND	0.523	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFDS	335-77-3	ND	0.612	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
11Cl-PF3OUdS	763051-92-9	ND	1.20	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
10:2 FTS	120226-60-0	ND	1.56	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFDoA	307-55-1	ND	0.394	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
MeFOSA	31506-32-8	ND	1.91	9.96		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFTrDA	72629-94-8	ND	0.246	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFDoS	79780-39-5	ND	2.08	2.49		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFTeDA	376-06-7	ND	0.376	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
EtFOSA	4151-50-2	ND	2.54	9.96		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFHxDA	67905-19-5	ND	0.146	1.99		B0F0172	03-Jul-20	0.251 L	09-Jul-20 20:53	1
PFODA	16517-11-6	ND	3.06	3.48		B0F0172	03-Jul-20	0.251 L	09-Jul-20 20:53	1
MeFOSE	24448-09-7	ND	3.02	9.96		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
EtFOSE	1691-99-2	ND	4.70	9.96		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	75.7	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1

Vista Analytical Laboratory

Sample ID: MW-20-01

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 08:55

Laboratory Data

Lab Sample: 2001276-02
Date Received: 13-Jun-20 10:30
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFPeA	IS	73.9	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C3-PFBS	IS	83.6	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C3-HFPO-DA	IS	79.6	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-4:2 FTS	IS	84.1	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-PFHxA	IS	75.5	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C4-PFHpA	IS	77.4	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C3-PFHxS	IS	85.9	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-6:2 FTS	IS	77.7	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C5-PFNA	IS	66.4	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C8-PFOSA	IS	51.8	10 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-PFOA	IS	75.0	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C8-PFOS	IS	69.7	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-PFDA	IS	64.9	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-8:2 FTS	IS	77.6	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
d3-MeFOSAA	IS	41.0	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-PFUnA	IS	57.0	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
d5-EtFOSAA	IS	41.5	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-10:2 FTS	IS	52.9	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-PFDoA	IS	56.4	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
d3-MeFOSA	IS	18.3	10 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-PFTeDA	IS	47.3	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
d5-EtFOSA	IS	15.4	10 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-PFHxDA	IS	22.3	25 - 150	H	B0F0172	03-Jul-20	0.251 L	09-Jul-20 20:53	1
d7-MeFOSE	IS	44.9	10 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
d9-EtFOSE	IS	45.8	10 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Vista Analytical Laboratory

Sample ID: Field Blank

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 09:15

Laboratory Data

Lab Sample: 2001276-03
Date Received: 13-Jun-20 10:30
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.367	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFPeA	2706-90-3	ND	0.644	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFBS	375-73-5	ND	0.900	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
4:2 FTS	757124-72-4	ND	0.699	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFHxA	307-24-4	ND	1.10	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFPeS	2706-91-4	ND	1.22	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
HFPO-DA	13252-13-6	ND	2.42	2.51		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFHpA	375-85-9	ND	0.297	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
ADONA	919005-14-4	ND	0.363	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFHxS	355-46-4	ND	0.476	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
6:2 FTS	27619-97-2	ND	1.01	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFOA	335-67-1	ND	0.327	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFHpS	375-92-8	ND	0.471	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFNA	375-95-1	ND	0.407	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFOSA	754-91-6	ND	0.890	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFOS	1763-23-1	ND	0.406	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
9Cl-PF3ONS	756426-58-1	ND	0.729	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFDA	335-76-2	ND	0.749	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
8:2 FTS	39108-34-4	ND	1.04	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFNS	68259-12-1	ND	1.95	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
MeFOSAA	2355-31-9	ND	0.830	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
EtFOSAA	2991-50-6	ND	0.689	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFUnA	2058-94-8	ND	0.528	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFDS	335-77-3	ND	0.618	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
11Cl-PF3OUdS	763051-92-9	ND	1.21	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
10:2 FTS	120226-60-0	ND	1.57	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFDoA	307-55-1	ND	0.398	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
MeFOSA	31506-32-8	ND	1.93	10.1		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFTrDA	72629-94-8	ND	0.248	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFDoS	79780-39-5	ND	2.10	2.51		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFTeDA	376-06-7	ND	0.380	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
EtFOSA	4151-50-2	ND	2.57	10.1		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFHxDA	67905-19-5	ND	0.148	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFODA	16517-11-6	ND	3.09	3.52		B0F0172	03-Jul-20	0.249 L	09-Jul-20 04:03	1
MeFOSE	24448-09-7	ND	3.05	10.1		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
EtFOSE	1691-99-2	ND	4.75	10.1		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	74.9	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1

Sample ID: Field Blank — **PFAS Isotope Dilution Method**

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 09:15

Laboratory Data

Lab Sample: 2001276-03
Date Received: 13-Jun-20 10:30
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFPeA	IS	78.4	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C3-PFBS	IS	80.0	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C3-HFPO-DA	IS	79.7	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-4:2 FTS	IS	78.0	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-PFHxA	IS	73.6	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C4-PFHpA	IS	76.5	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C3-PFHxS	IS	81.5	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-6:2 FTS	IS	75.1	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C5-PFNA	IS	77.6	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C8-PFOSA	IS	35.6	10 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-PFOA	IS	76.9	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C8-PFOS	IS	81.1	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-PFDA	IS	74.1	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-8:2 FTS	IS	70.9	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
d3-MeFOSAA	IS	65.2	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-PFUnA	IS	62.7	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
d5-EtFOSAA	IS	66.8	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-10:2 FTS	IS	61.2	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-PFDoA	IS	66.9	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
d3-MeFOSA	IS	15.7	10 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-PFTeDA	IS	58.0	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
d5-EtFOSA	IS	13.2	10 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-PFHxDA	IS	49.6	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
d7-MeFOSE	IS	30.8	10 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
d9-EtFOSE	IS	30.3	10 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Vista Analytical Laboratory

Sample ID: MW-20-02

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 11:00

Laboratory Data

Lab Sample: 2001276-04
Date Received: 13-Jun-20 10:30
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.349	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFPeA	2706-90-3	109	0.612	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFBS	375-73-5	ND	0.856	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
4:2 FTS	757124-72-4	ND	0.665	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFHxA	307-24-4	158	1.04	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFPeS	2706-91-4	ND	1.16	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
HFPO-DA	13252-13-6	ND	2.31	2.39		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFHpA	375-85-9	40.3	0.283	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
ADONA	919005-14-4	ND	0.345	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFHxS	355-46-4	2.25	0.453	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
6:2 FTS	27619-97-2	ND	0.957	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFOA	335-67-1	68.3	0.311	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFHpS	375-92-8	ND	0.448	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFNA	375-95-1	4.46	0.388	1.91	Q	B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFOSA	754-91-6	0.924	0.847	1.91	J	B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFOS	1763-23-1	5.39	0.386	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
9Cl-PF3ONS	756426-58-1	ND	0.694	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFDA	335-76-2	ND	0.713	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
8:2 FTS	39108-34-4	ND	0.986	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFNS	68259-12-1	ND	1.85	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
MeFOSAA	2355-31-9	ND	0.789	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
EtFOSAA	2991-50-6	26.2	0.655	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFUnA	2058-94-8	ND	0.502	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFDS	335-77-3	ND	0.588	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
11Cl-PF3OUdS	763051-92-9	ND	1.15	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
10:2 FTS	120226-60-0	ND	1.50	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFDoA	307-55-1	ND	0.379	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
MeFOSA	31506-32-8	ND	1.83	9.57		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFTrDA	72629-94-8	ND	0.236	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFDoS	79780-39-5	ND	2.00	2.39		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFTeDA	376-06-7	ND	0.361	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
EtFOSA	4151-50-2	ND	2.44	9.57		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFHxDA	67905-19-5	ND	0.141	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFODA	16517-11-6	ND	2.94	3.35		B0F0172	03-Jul-20	0.261 L	09-Jul-20 04:13	1
MeFOSE	24448-09-7	ND	2.90	9.57		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
EtFOSE	1691-99-2	ND	4.52	9.57		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	2.30	25 - 150	H	B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1

Vista Analytical Laboratory

Sample ID: MW-20-02

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 11:00

Laboratory Data

Lab Sample: 2001276-04
Date Received: 13-Jun-20 10:30
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFPeA	IS	21.7	25 - 150	H	B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C3-PFBS	IS	66.3	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C3-HFPO-DA	IS	63.1	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-4:2 FTS	IS	74.7	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-PFHxA	IS	66.7	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C4-PFHpA	IS	81.3	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C3-PFHxS	IS	92.1	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-6:2 FTS	IS	97.5	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C5-PFNA	IS	85.2	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C8-PFOSA	IS	56.3	10 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-PFOA	IS	88.0	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C8-PFOS	IS	91.6	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-PFDA	IS	93.2	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-8:2 FTS	IS	135	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
d3-MeFOSAA	IS	81.0	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-PFUnA	IS	82.0	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
d5-EtFOSAA	IS	87.8	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-10:2 FTS	IS	101	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-PFDoA	IS	80.9	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
d3-MeFOSA	IS	11.5	10 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-PFTeDA	IS	31.1	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
d5-EtFOSA	IS	11.5	10 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-PFHxDA	IS	23.2	25 - 150	H	B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
d7-MeFOSE	IS	38.4	10 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
d9-EtFOSE	IS	34.6	10 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Vista Analytical Laboratory

Sample ID: MW-20-03

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 12:40

Laboratory Data

Lab Sample: 2001276-05
Date Received: 13-Jun-20 10:30
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	12.9	0.370	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFPeA	2706-90-3	20.2	0.650	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFBS	375-73-5	2.83	0.909	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
4:2 FTS	757124-72-4	ND	0.706	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFHxA	307-24-4	24.5	1.11	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFPeS	2706-91-4	ND	1.23	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
HFPO-DA	13252-13-6	ND	2.45	2.54		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFHpA	375-85-9	13.5	0.300	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
ADONA	919005-14-4	ND	0.367	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFHxS	355-46-4	2.70	0.481	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
6:2 FTS	27619-97-2	ND	1.02	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFOA	335-67-1	54.6	0.330	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFHpS	375-92-8	2.01	0.476	2.03	J, Q	B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFNA	375-95-1	3.94	0.411	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFOSA	754-91-6	20.5	0.899	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFOS	1763-23-1	161	0.410	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
9Cl-PF3ONS	756426-58-1	ND	0.736	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFDA	335-76-2	1.03	0.756	2.03	J	B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
8:2 FTS	39108-34-4	ND	1.05	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFNS	68259-12-1	ND	1.96	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
MeFOSAA	2355-31-9	4.06	0.838	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
EtFOSAA	2991-50-6	181	0.695	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFUnA	2058-94-8	ND	0.533	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFDS	335-77-3	ND	0.624	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
11Cl-PF3OUdS	763051-92-9	ND	1.22	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
10:2 FTS	120226-60-0	ND	1.59	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFDoA	307-55-1	ND	0.402	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
MeFOSA	31506-32-8	ND	1.94	10.2		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFTrDA	72629-94-8	ND	0.251	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFDoS	79780-39-5	ND	2.12	2.54		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFTeDA	376-06-7	ND	0.383	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
EtFOSA	4151-50-2	ND	2.59	10.2		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFHxDA	67905-19-5	ND	0.149	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFODA	16517-11-6	ND	3.12	3.55		B0F0172	03-Jul-20	0.246 L	09-Jul-20 21:03	1
MeFOSE	24448-09-7	ND	3.08	10.2		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
EtFOSE	1691-99-2	ND	4.79	10.2		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	47.5	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1

Vista Analytical Laboratory

Sample ID: MW-20-03

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 12:40

Laboratory Data

Lab Sample: 2001276-05
Date Received: 13-Jun-20 10:30
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFPeA	IS	75.1	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C3-PFBS	IS	84.1	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C3-HFPO-DA	IS	81.7	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-4:2 FTS	IS	82.6	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-PFHxA	IS	78.5	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C4-PFHpA	IS	84.4	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C3-PFHxS	IS	81.8	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-6:2 FTS	IS	78.0	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C5-PFNA	IS	78.0	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C8-PFOSA	IS	52.7	10 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-PFOA	IS	79.7	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C8-PFOS	IS	77.1	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-PFDA	IS	79.0	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-8:2 FTS	IS	84.0	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
d3-MeFOSAA	IS	74.1	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-PFUnA	IS	68.6	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
d5-EtFOSAA	IS	75.7	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-10:2 FTS	IS	69.9	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-PFDoA	IS	69.9	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
d3-MeFOSA	IS	16.4	10 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-PFTeDA	IS	65.1	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
d5-EtFOSA	IS	15.0	10 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-PFHxDA	IS	50.7	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
d7-MeFOSE	IS	45.3	10 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
d9-EtFOSE	IS	48.1	10 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Vista Analytical Laboratory

Sample ID: Equipment Blank-2

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 12:55

Laboratory Data

Lab Sample: 2001276-06
Date Received: 13-Jun-20 10:30
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.378	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFPeA	2706-90-3	ND	0.664	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFBS	375-73-5	ND	0.929	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
4:2 FTS	757124-72-4	ND	0.722	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFHxA	307-24-4	ND	1.13	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFPeS	2706-91-4	ND	1.26	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
HFPO-DA	13252-13-6	ND	2.50	2.60		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFHpA	375-85-9	ND	0.307	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
ADONA	919005-14-4	ND	0.375	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFHxS	355-46-4	ND	0.492	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
6:2 FTS	27619-97-2	ND	1.04	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFOA	335-67-1	ND	0.338	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFHpS	375-92-8	ND	0.486	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFNA	375-95-1	ND	0.420	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFOSA	754-91-6	ND	0.919	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFOS	1763-23-1	ND	0.419	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
9Cl-PF3ONS	756426-58-1	ND	0.753	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFDA	335-76-2	ND	0.773	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
8:2 FTS	39108-34-4	ND	1.07	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFNS	68259-12-1	ND	2.01	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
MeFOSAA	2355-31-9	ND	0.856	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
EtFOSAA	2991-50-6	ND	0.711	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFUnA	2058-94-8	ND	0.545	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFDS	335-77-3	ND	0.638	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
11Cl-PF3OUdS	763051-92-9	ND	1.25	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
10:2 FTS	120226-60-0	ND	1.62	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFDoA	307-55-1	ND	0.411	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
MeFOSA	31506-32-8	ND	1.99	10.4		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFTrDA	72629-94-8	ND	0.256	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFDoS	79780-39-5	ND	2.16	2.60		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFTeDA	376-06-7	ND	0.392	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
EtFOSA	4151-50-2	ND	2.65	10.4		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFHxDA	67905-19-5	ND	0.153	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFODA	16517-11-6	ND	3.19	3.63		B0F0172	03-Jul-20	0.241 L	09-Jul-20 21:14	1
MeFOSE	24448-09-7	ND	3.15	10.4		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
EtFOSE	1691-99-2	ND	4.90	10.4		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	75.5	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1

Vista Analytical Laboratory

Sample ID: Equipment Blank-2

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 12:55

Laboratory Data

Lab Sample: 2001276-06
Date Received: 13-Jun-20 10:30
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFPeA	IS	81.6	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C3-PFBS	IS	85.6	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C3-HFPO-DA	IS	83.4	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-4:2 FTS	IS	80.9	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-PFHxA	IS	77.1	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C4-PFHpA	IS	82.2	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C3-PFHxS	IS	85.0	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-6:2 FTS	IS	81.1	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C5-PFNA	IS	83.1	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C8-PFOSA	IS	40.3	10 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-PFOA	IS	85.5	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C8-PFOS	IS	81.5	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-PFDA	IS	80.1	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-8:2 FTS	IS	89.5	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
d3-MeFOSAA	IS	75.4	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-PFUnA	IS	70.7	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
d5-EtFOSAA	IS	77.4	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-10:2 FTS	IS	65.5	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-PFDoA	IS	68.3	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
d3-MeFOSA	IS	12.8	10 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-PFTeDA	IS	59.7	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
d5-EtFOSA	IS	10.8	10 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-PFHxDA	IS	49.1	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
d7-MeFOSE	IS	34.2	10 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
d9-EtFOSE	IS	34.2	10 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Vista Analytical Laboratory

Sample ID: Duplicate-1

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 00:00

Laboratory Data

Lab Sample: 2001276-07
Date Received: 13-Jun-20 10:30
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	2.55	0.369	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFPeA	2706-90-3	ND	0.648	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFBS	375-73-5	ND	0.906	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
4:2 FTS	757124-72-4	ND	0.703	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFHxA	307-24-4	ND	1.10	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFPeS	2706-91-4	ND	1.22	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
HFPO-DA	13252-13-6	ND	2.44	2.53		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFHpA	375-85-9	ND	0.299	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
ADONA	919005-14-4	ND	0.365	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFHxS	355-46-4	0.904	0.479	2.02	J	B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
6:2 FTS	27619-97-2	ND	1.01	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFOA	335-67-1	0.933	0.329	2.02	J	B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFHpS	375-92-8	ND	0.474	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFNA	375-95-1	ND	0.410	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFOSA	754-91-6	ND	0.896	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFOS	1763-23-1	ND	0.408	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
9Cl-PF3ONS	756426-58-1	ND	0.734	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFDA	335-76-2	ND	0.754	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
8:2 FTS	39108-34-4	ND	1.04	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFNS	68259-12-1	ND	1.96	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
MeFOSAA	2355-31-9	ND	0.835	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
EtFOSAA	2991-50-6	ND	0.693	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFUnA	2058-94-8	ND	0.531	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFDS	335-77-3	ND	0.622	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
11Cl-PF3OUdS	763051-92-9	ND	1.22	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
10:2 FTS	120226-60-0	ND	1.58	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFDoA	307-55-1	ND	0.401	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
MeFOSA	31506-32-8	ND	1.94	10.1		B0F0172	03-Jul-20	0.247 L	09-Jul-20 04:24	1
PFTrDA	72629-94-8	ND	0.250	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFDoS	79780-39-5	ND	2.11	2.53		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFTeDA	376-06-7	ND	0.382	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
EtFOSA	4151-50-2	ND	2.59	10.1		B0F0172	03-Jul-20	0.247 L	09-Jul-20 04:24	1
PFHxDA	67905-19-5	ND	0.149	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFODA	16517-11-6	ND	3.11	3.54		B0F0172	03-Jul-20	0.247 L	09-Jul-20 04:24	1
MeFOSE	24448-09-7	ND	3.07	10.1		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
EtFOSE	1691-99-2	ND	4.78	10.1		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	79.8	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1

Vista Analytical Laboratory

Sample ID: Duplicate-1

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 00:00

Laboratory Data

Lab Sample: 2001276-07
Date Received: 13-Jun-20 10:30
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFPeA	IS	80.3	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C3-PFBS	IS	87.3	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C3-HFPO-DA	IS	79.3	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C2-4:2 FTS	IS	78.9	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C2-PFHxA	IS	81.9	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C4-PFHpA	IS	80.1	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C3-PFHxS	IS	84.7	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C2-6:2 FTS	IS	74.1	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C5-PFNA	IS	69.7	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C8-PFOSA	IS	43.7	10 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C2-PFOA	IS	78.8	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C8-PFOS	IS	76.1	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C2-PFDA	IS	64.3	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C2-8:2 FTS	IS	75.8	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
d3-MeFOSAA	IS	44.2	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C2-PFUnA	IS	59.2	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
d5-EtFOSAA	IS	41.0	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C2-10:2 FTS	IS	55.3	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C2-PFDoA	IS	55.7	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
d3-MeFOSA	IS	13.2	10 - 150		B0F0172	03-Jul-20	0.247 L	09-Jul-20 04:24	1
13C2-PFTeDA	IS	22.3	25 - 150	H	B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
d5-EtFOSA	IS	11.0	10 - 150		B0F0172	03-Jul-20	0.247 L	09-Jul-20 04:24	1
13C2-PFHxDA	IS	5.60	25 - 150	H	B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
d7-MeFOSE	IS	41.0	10 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
d9-EtFOSE	IS	38.4	10 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank
Conc.	Concentration
CRS	Cleanup Recovery Standard
D	Dilution
DL	Detection limit
E	The associated compound concentration exceeded the calibration range of the instrument
H	Recovery and/or RPD was outside laboratory acceptance limits
I	Chemical Interference
IS	Internal Standard
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limit of Detection
LOQ	Limit of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
NA	Not applicable
ND	Not Detected
OPR	Ongoing Precision and Recovery sample
P	The reported concentration may include contribution from chlorinated diphenyl ether(s).
Q	The ion transition ratio is outside of the acceptance criteria.
RL	Reporting Limit
TEQ	Toxic Equivalency
U	Not Detected (specific projects only)
*	See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

Vista Analytical Laboratory Certifications

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	19-013-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-23
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2018017
Massachusetts Department of Environmental Protection	N/A
Michigan Department of Environmental Quality	9932
Minnesota Department of Health	1521520
New Hampshire Environmental Accreditation Program	207718-B
New Jersey Department of Environmental Protection	190001
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-010
Pennsylvania Department of Environmental Protection	016
Texas Commission on Environmental Quality	T104704189-19-10
Vermont Department of Health	VT-4042
Virginia Department of General Services	10272
Washington Department of Ecology	C584-19
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request.

NELAP Accredited Test Methods

MATRIX: Air	
Description of Test	**Method**
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA 23
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA TO-9A

MATRIX: Biological Tissue	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Drinking Water	
Description of Test	**Method**
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS	EPA 1613/1613B
1,4-Dioxane (1,4-Diethyleneoxide) analysis by GC/HRMS	EPA 522
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	ISO 25101 2009

MATRIX: Non-Potable Water	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Dioxin by GC/HRMS	EPA 613
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Solids	
Description of Test	**Method**
Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

Vista Analytical Laboratory

CHAIN OF CUSTODY

117-4124128

For Laboratory Use Only
Work Order #: 2001276 Temp: 2.1 °C
Storage ID: R-13/WR-2 Storage Secured: Yes ☑ No ☐

Project ID: South Broadway Facility PFAS PO#: Sampler: Jared Walbert (name)

TAT (check one): Standard: ☒ 21 days; Rush (surcharge may apply): ☐ 14 days ☐ 7 days Specify:

Relinquished by (printed name and signature)	Date	Time	Received by (printed name and signature)	Date	Time
Jared Walbert Jared Walbert	6/12/2020	15:30	Fedex	6/12/2020	15:30
Fedex	06/13/2020	10:30	Hayden Canal	06/13/2020	10:30

SHIP TO: Vista Analytical Laboratory
1104 Windfield Way
El Dorado Hills, CA 95762
(916) 673-1520 * Fax (916) 673-0106

ATTN: Jade White

Method of Shipment: Fedex Priority Overnight
Tracking No.:

Add Analysis(es) Requested

Sample ID	Date	Time	Location/ Sample Description	Container(s) Quantity	Type	Matrix	PFAS by Isotope Dilution: PFOA/ PFOS	UCMR3 PFAS List:6	537.1 List: 14 or 18 (Circle One)	EPA Draft List of 24	OTHER: Please attach analyte list	EPA Method 537 (DW only): PFOA/ PFOS	UCMR3 PFAS List:6	537.1 List of 14	537.1 List of 18	Comments
Equipment Blank-1	6/9/2020	9:35		2	P	AQ					WDNR List of 36 PFAS					
MW-20-01	6/11/2020	8:55		2	P	AQ										
Field Blank	6/11/2020	9:15		2	P	AQ										
MW-20-02	6/11/2020	11:00		2	P	AQ										
MW-20-03	6/11/2020	12:40		2	P	AQ										
Equipment Blank-2	6/11/2020	12:55		2	P	AQ										
Duplicate-1	6/11/2020	—		2	P	AQ										

Special Instructions/Comments:
Level IV Data Package

SEND DOCUMENTATION AND RESULTS TO:

Name: Mike Savale
Company: Tetra Tech
Address: 710 Avis Dr. Suite 100
City: Ann Arbor MI 48108
Phone: (734) 213-5040
Email: Michael.savale@tetratech.com

Container Types: P= HDPE, PJ= HDPE Jar, PY= Polypropylene, O = Other:

Bottle Preservation Type: TZ = Trizma:

Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment, SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other:

Vista Analytical Laboratory

Sample Log-In Checklist

Page # 1 of 1

Vista Work Order #: 2001276 TAT std

Samples Arrival:	**Date/Time** 06/13/2020 10:30		**Initials:** HDG		**Location:** WR-2 **Shelf/Rack:** NA		
Delivered By:	~~FedEx~~	UPS	On Trac	GLS	DHL	Hand Delivered	Other
Preservation:	(ce)		Blue Ice		Dry Ice		None
Temp °C: 2.1 (uncorrected) / **Temp °C:** 2.1 (corrected)			**Probe used: Y / (N)**		**Thermometer ID:** IR-4		

	YES	NO	NA
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?			✓
Airbill — Trk # 8146 6327 3103	✓		
Shipping Documentation Present?	✓		
Shipping Container: Vista / (Client) / Retain / ~~Return~~ / Dispose			
Chain of Custody / Sample Documentation Present?	✓		
Chain of Custody / Sample Documentation Complete?	✓		
Holding Time Acceptable?	✓		

Logged In:	**Date/Time** 06/16/20 0811		**Initials:** KS	**Location:** R-13, WR-2 **Shelf/Rack:** a-2, a-3, E-4	
COC Anomaly/Sample Acceptance Form completed?				✓	✓

Comments:

CoC/Label Reconciliation Report WO# 2001276

LabNumber	CoC Sample ID		SampleAlias	Sample Date/Time		Container	BaseMatrix	Sample Comments
2001276-01	A Equipment Blank-1	☑		09-Jun-20 09:35	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-01	B Equipment Blank-1	☐ ✗		09-Jun-20 09:35	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-02	A MW-20-01	☑		11-Jun-20 08:55	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-02	B MW-20-01	☑		11-Jun-20 08:55	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-03	A Field Blank	☑		11-Jun-20 09:15	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-03	B Field Blank	☑		11-Jun-20 09:15	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-04	A MW-20-02	☑		11-Jun-20 11:00	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-04	B MW-20-02	☑		11-Jun-20 11:00	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-05	A MW-20-03	☑		11-Jun-20 12:40	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-05	B MW-20-03	☑		11-Jun-20 12:40	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-06	A Equipment Blank-2	☑		11-Jun-20 12:55	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-06	B Equipment Blank-2	☑		11-Jun-20 12:55	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-07	A Duplicate-1	☑		11-Jun-20 00:00	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-07	B Duplicate-1	☑		11-Jun-20 00:00	☑	HDPE Bottle, 250 mL	Aqueous	

Checkmarks indicate that information on the COC reconciled with the sample label.
Any discrepancies are noted in the following columns.

	Yes	No	NA
Sample Container Intact?	✓		
Sample Custody Seals Intact?			✓
Adequate Sample Volume?	✓		
Container Type Appropriate for Analysis(es)	✓		
Preservation Documented: Na2S2O3 Trizma None Other		–	✓
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			✓

Comments: ✗ 150 mL

Verifed by/Date: KA 06/16/2020

July 10, 2020

Vista Work Order No. 2001276

Mr. Michael Savale
Tetra Tech
710 Avis Drive, Suite 100
Ann Arbor, MI 48108

Dear Mr. Savale,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on June 13, 2020 under your Project Name '117-4124128 South Broadway Facility PFAS'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

Martha Maier
Laboratory Director

Vista Work Order No. 2001276
Case Narrative

Sample Condition on Receipt:

Seven aqueous samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

Analytical Notes:

PFAS Isotope Dilution Method

Samples "MW-20-01", "MW-20-02" and "Duplicate-1" contained particulate and were centrifuged prior to extraction.

The samples were extracted and analyzed for a selected list of PFAS using Vista's PFAS Isotope Dilution Method. The results for PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Results for all other analytes include the linear isomers only.

Holding Times

The samples were extracted and analyzed within the recommended hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above 1/2 of the Reporting Limits. The OPR recoveries were within the method acceptance criteria.

The internal standard recoveries outside the acceptance criteria are listed in the table below.

QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
2001276-02	MW-20-01	PFAS Isotope Dilution Method	13C2-PFHxDA	H	22.3
2001276-04	MW-20-02	PFAS Isotope Dilution Method	13C3-PFBA	H	2.30
2001276-04	MW-20-02	PFAS Isotope Dilution Method	13C3-PFPeA	H	21.7
2001276-04	MW-20-02	PFAS Isotope Dilution Method	13C2-PFHxDA	H	23.2
2001276-07	Duplicate-1	PFAS Isotope Dilution Method	13C2-PFTeDA	H	22.3
2001276-07	Duplicate-1	PFAS Isotope Dilution Method	13C2-PFHxDA	H	5.60
B0F0172-BLK1	B0F0172-BLK1	PFAS Isotope Dilution Method	d5-EtFOSA	H	8.40

H = Recovery was outside laboratory acceptance criteria.

TABLE OF CONTENTS

Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2001276-01	Equipment Blank-1	09-Jun-20 09:35	13-Jun-20 10:30	HDPE Bottle, 250 mL
				HDPE Bottle, 250 mL
2001276-02	MW-20-01	11-Jun-20 08:55	13-Jun-20 10:30	HDPE Bottle, 250 mL
				HDPE Bottle, 250 mL
2001276-03	Field Blank	11-Jun-20 09:15	13-Jun-20 10:30	HDPE Bottle, 250 mL
				HDPE Bottle, 250 mL
2001276-04	MW-20-02	11-Jun-20 11:00	13-Jun-20 10:30	HDPE Bottle, 250 mL
				HDPE Bottle, 250 mL
2001276-05	MW-20-03	11-Jun-20 12:40	13-Jun-20 10:30	HDPE Bottle, 250 mL
				HDPE Bottle, 250 mL
2001276-06	Equipment Blank-2	11-Jun-20 12:55	13-Jun-20 10:30	HDPE Bottle, 250 mL
				HDPE Bottle, 250 mL
2001276-07	Duplicate-1	11-Jun-20 00:00	13-Jun-20 10:30	HDPE Bottle, 250 mL
				HDPE Bottle, 250 mL

ANALYTICAL RESULTS

Vista Analytical Laboratory

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0172-BLK1
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.365	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFPeA	2706-90-3	ND	0.640	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFBS	375-73-5	ND	0.895	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
4:2 FTS	757124-72-4	ND	0.695	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFHxA	307-24-4	ND	1.09	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFPeS	2706-91-4	ND	1.21	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
HFPO-DA	13252-13-6	ND	2.41	2.50		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFHpA	375-85-9	ND	0.296	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
ADONA	919005-14-4	ND	0.361	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFHxS	355-46-4	ND	0.474	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
6:2 FTS	27619-97-2	ND	1.00	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFOA	335-67-1	ND	0.326	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFHpS	375-92-8	ND	0.469	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFNA	375-95-1	ND	0.405	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFOSA	754-91-6	ND	0.885	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFOS	1763-23-1	ND	0.404	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
9Cl-PF3ONS	756426-58-1	ND	0.725	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFDA	335-76-2	ND	0.745	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
8:2 FTS	39108-34-4	ND	1.03	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFNS	68259-12-1	ND	1.94	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
MeFOSAA	2355-31-9	ND	0.825	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
EtFOSAA	2991-50-6	ND	0.685	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFUnA	2058-94-8	ND	0.525	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFDS	335-77-3	ND	0.615	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
11Cl-PF3OUdS	763051-92-9	ND	1.21	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
10:2 FTS	120226-60-0	ND	1.57	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFDoA	307-55-1	ND	0.396	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
MeFOSA	31506-32-8	ND	1.92	10.0		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFTrDA	72629-94-8	ND	0.247	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFDoS	79780-39-5	ND	2.09	2.50		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFTeDA	376-06-7	ND	0.378	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
EtFOSA	4151-50-2	ND	2.56	10.0		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFHxDA	67905-19-5	ND	0.147	2.00		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
PFODA	16517-11-6	ND	3.07	3.50		B0F0172	03-Jul-20	0.250 L	09-Jul-20 03:32	1
MeFOSE	24448-09-7	ND	3.04	10.0		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
EtFOSE	1691-99-2	ND	4.72	10.0		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	72.5	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1

Sample ID: Method Blank **PFAS Isotope Dilution Method**

Client Data

Name: Tetra Tech Matrix: Aqueous

Project: 117-4124128 South Broadway Facility PFAS

Laboratory Data

Lab Sample: B0F0172-BLK1 Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFPeA	IS	73.9	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C3-PFBS	IS	80.7	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C3-HFPO-DA	IS	68.7	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-4:2 FTS	IS	81.0	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-PFHxA	IS	75.3	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C4-PFHpA	IS	76.8	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C3-PFHxS	IS	82.4	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-6:2 FTS	IS	71.3	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C5-PFNA	IS	73.9	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C8-PFOSA	IS	39.5	10 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-PFOA	IS	79.8	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C8-PFOS	IS	79.4	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-PFDA	IS	67.2	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-8:2 FTS	IS	68.2	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
d3-MeFOSAA	IS	61.4	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-PFUnA	IS	64.1	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
d5-EtFOSAA	IS	64.2	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-10:2 FTS	IS	57.6	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-PFDoA	IS	62.5	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
d3-MeFOSA	IS	11.3	10 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-PFTeDA	IS	62.1	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
d5-EtFOSA	IS	8.40	10 - 150	H	B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
13C2-PFHxDA	IS	55.6	25 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
d7-MeFOSE	IS	28.4	10 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1
d9-EtFOSE	IS	27.2	10 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:33	1

MDL - Method Detection Limit RL - Reporting limit Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Vista Analytical Laboratory

Sample ID: OPR — **PFAS Isotope Dilution Method**

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0172-BS1
Column: BEH C18

Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	8.22	8.00	103	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFPeA	2706-90-3	8.14	8.00	102	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFBS	375-73-5	7.70	8.00	96.2	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
4:2 FTS	757124-72-4	6.91	8.00	86.3	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFHxA	307-24-4	9.02	8.00	113	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFPeS	2706-91-4	8.18	8.00	102	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
HFPO-DA	13252-13-6	8.09	8.00	101	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFHpA	375-85-9	7.33	8.00	91.6	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
ADONA	919005-14-4	6.79	8.00	84.8	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFHxS	355-46-4	7.15	8.00	89.3	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
6:2 FTS	27619-97-2	7.51	8.00	93.8	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFOA	335-67-1	8.02	8.00	100	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFHpS	375-92-8	7.13	8.00	89.1	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFNA	375-95-1	7.79	8.00	97.4	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFOSA	754-91-6	7.60	8.00	95.0	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFOS	1763-23-1	6.75	8.00	84.3	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
9Cl-PF3ONS	756426-58-1	7.42	8.00	92.8	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFDA	335-76-2	8.28	8.00	103	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
8:2 FTS	39108-34-4	7.98	8.00	99.8	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFNS	68259-12-1	6.14	8.00	76.8	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
MeFOSAA	2355-31-9	7.52	8.00	94.0	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
EtFOSAA	2991-50-6	8.05	8.00	101	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFUnA	2058-94-8	7.31	8.00	91.3	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFDS	335-77-3	7.28	8.00	91.0	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
11Cl-PF3OUdS	763051-92-9	8.71	8.00	109	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
10:2 FTS	120226-60-0	8.24	8.00	103	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFDoA	307-55-1	7.84	8.00	98.0	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
MeFOSA	31506-32-8	39.0	40.0	97.6	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFTrDA	72629-94-8	7.63	8.00	95.4	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFDoS	79780-39-5	8.76	8.00	109	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFTeDA	376-06-7	7.13	8.00	89.1	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
EtFOSA	4151-50-2	35.8	40.0	89.5	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFHxDA	67905-19-5	7.63	8.00	95.4	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
PFODA	16517-11-6	5.04	8.00	63.0	50 - 150		B0F0172	03-Jul-20	0.250 L	09-Jul-20 03:42	1

Sample ID: OPR **PFAS Isotope Dilution Method**

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous

Laboratory Data

Lab Sample: B0F0172-BS1
Column: BEH C18

Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
MeFOSE	24448-09-7	39.1	40.0	97.8	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
EtFOSE	1691-99-2	38.1	40.0	95.2	50 - 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
Labeled Standards		**Type**		**% Rec**	**Limits**	**Qualifiers**	**Batch**	**Extracted**	**Samp Size**	**Analyzed**	**Dilution**
13C3-PFBA		IS		80.8	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C3-PFPeA		IS		80.9	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C3-PFBS		IS		90.6	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C3-HFPO-DA		IS		81.6	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-4:2 FTS		IS		90.5	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-PFHxA		IS		77.5	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C4-PFHpA		IS		84.7	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C3-PFHxS		IS		90.9	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-6:2 FTS		IS		84.4	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C5-PFNA		IS		83.6	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C8-PFOSA		IS		43.7	10- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-PFOA		IS		82.5	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C8-PFOS		IS		85.3	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-PFDA		IS		76.7	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-8:2 FTS		IS		84.5	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
d3-MeFOSAA		IS		69.7	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-PFUnA		IS		67.6	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
d5-EtFOSAA		IS		69.8	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-10:2 FTS		IS		57.6	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-PFDoA		IS		67.2	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
d3-MeFOSA		IS		12.7	10- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-PFTeDA		IS		64.3	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
d5-EtFOSA		IS		10.2	10- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
13C2-PFHxDA		IS		51.6	25- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
d7-MeFOSE		IS		29.9	10- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1
d9-EtFOSE		IS		30.9	10- 150		B0F0172	03-Jul-20	0.250 L	06-Jul-20 22:43	1

Vista Analytical Laboratory

Sample ID: Equipment Blank-1

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 09-Jun-20 09:35

Laboratory Data

Lab Sample: 2001276-01
Date Received: 13-Jun-20 10:30
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.397	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFPeA	2706-90-3	ND	0.698	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFBS	375-73-5	ND	0.976	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
4:2 FTS	757124-72-4	ND	0.758	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFHxA	307-24-4	ND	1.19	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFPeS	2706-91-4	ND	1.32	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
HFPO-DA	13252-13-6	ND	2.63	2.73		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFHpA	375-85-9	ND	0.322	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
ADONA	919005-14-4	ND	0.394	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFHxS	355-46-4	ND	0.516	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
6:2 FTS	27619-97-2	ND	1.09	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFOA	335-67-1	ND	0.355	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFHpS	375-92-8	ND	0.511	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFNA	375-95-1	ND	0.441	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFOSA	754-91-6	ND	0.965	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFOS	1763-23-1	ND	0.440	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
9Cl-PF3ONS	756426-58-1	ND	0.790	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFDA	335-76-2	ND	0.812	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
8:2 FTS	39108-34-4	ND	1.12	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFNS	68259-12-1	ND	2.11	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
MeFOSAA	2355-31-9	ND	0.899	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
EtFOSAA	2991-50-6	ND	0.747	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFUnA	2058-94-8	ND	0.572	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFDS	335-77-3	ND	0.670	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
11Cl-PF3OUdS	763051-92-9	ND	1.31	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
10:2 FTS	120226-60-0	ND	1.71	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFDoA	307-55-1	ND	0.432	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
MeFOSA	31506-32-8	ND	2.09	10.9		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFTrDA	72629-94-8	ND	0.269	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFDoS	79780-39-5	ND	2.27	2.73		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFTeDA	376-06-7	ND	0.412	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
EtFOSA	4151-50-2	ND	2.79	10.9		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFHxDA	67905-19-5	ND	0.160	2.18		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
PFODA	16517-11-6	ND	3.35	3.82		B0F0172	03-Jul-20	0.229 L	09-Jul-20 03:52	1
MeFOSE	24448-09-7	ND	3.31	10.9		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
EtFOSE	1691-99-2	ND	5.15	10.9		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	63.3	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1

Vista Analytical Laboratory

Sample ID: Equipment Blank-1

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 09-Jun-20 09:35

Laboratory Data

Lab Sample: 2001276-01
Date Received: 13-Jun-20 10:30
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFPeA	IS	77.1	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C3-PFBS	IS	82.4	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C3-HFPO-DA	IS	75.1	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-4:2 FTS	IS	82.3	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-PFHxA	IS	77.0	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C4-PFHpA	IS	80.0	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C3-PFHxS	IS	78.2	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-6:2 FTS	IS	69.4	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C5-PFNA	IS	81.2	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C8-PFOSA	IS	44.3	10 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-PFOA	IS	80.8	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C8-PFOS	IS	86.5	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-PFDA	IS	72.8	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-8:2 FTS	IS	79.6	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
d3-MeFOSAA	IS	77.5	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-PFUnA	IS	69.7	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
d5-EtFOSAA	IS	78.8	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-10:2 FTS	IS	71.9	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-PFDoA	IS	71.4	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
d3-MeFOSA	IS	18.2	10 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-PFTeDA	IS	62.3	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
d5-EtFOSA	IS	17.1	10 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
13C2-PFHxDA	IS	50.1	25 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
d7-MeFOSE	IS	42.0	10 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1
d9-EtFOSE	IS	43.2	10 - 150		B0F0172	03-Jul-20	0.229 L	06-Jul-20 22:54	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Vista Analytical Laboratory

Sample ID: MW-20-01

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 08:55

Laboratory Data

Lab Sample: 2001276-02
Date Received: 13-Jun-20 10:30
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	3.16	0.363	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFPeA	2706-90-3	ND	0.637	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFBS	375-73-5	ND	0.891	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
4:2 FTS	757124-72-4	ND	0.692	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFHxA	307-24-4	ND	1.09	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFPeS	2706-91-4	ND	1.20	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
HFPO-DA	13252-13-6	ND	2.40	2.49		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFHpA	375-85-9	ND	0.294	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
ADONA	919005-14-4	ND	0.359	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFHxS	355-46-4	ND	0.471	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
6:2 FTS	27619-97-2	ND	0.996	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFOA	335-67-1	1.01	0.324	1.99	J	B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFHpS	375-92-8	ND	0.466	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFNA	375-95-1	ND	0.403	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFOSA	754-91-6	ND	0.881	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFOS	1763-23-1	ND	0.402	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
9Cl-PF3ONS	756426-58-1	ND	0.722	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFDA	335-76-2	ND	0.742	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
8:2 FTS	39108-34-4	ND	1.03	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFNS	68259-12-1	ND	1.93	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
MeFOSAA	2355-31-9	ND	0.821	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
EtFOSAA	2991-50-6	ND	0.682	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFUnA	2058-94-8	ND	0.523	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFDS	335-77-3	ND	0.612	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
11Cl-PF3OUdS	763051-92-9	ND	1.20	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
10:2 FTS	120226-60-0	ND	1.56	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFDoA	307-55-1	ND	0.394	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
MeFOSA	31506-32-8	ND	1.91	9.96		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFTrDA	72629-94-8	ND	0.246	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFDoS	79780-39-5	ND	2.08	2.49		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFTeDA	376-06-7	ND	0.376	1.99		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
EtFOSA	4151-50-2	ND	2.54	9.96		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
PFHxDA	67905-19-5	ND	0.146	1.99		B0F0172	03-Jul-20	0.251 L	09-Jul-20 20:53	1
PFODA	16517-11-6	ND	3.06	3.48		B0F0172	03-Jul-20	0.251 L	09-Jul-20 20:53	1
MeFOSE	24448-09-7	ND	3.02	9.96		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
EtFOSE	1691-99-2	ND	4.70	9.96		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	75.7	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1

Vista Analytical Laboratory

Sample ID: MW-20-01

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 08:55

Laboratory Data

Lab Sample: 2001276-02
Date Received: 13-Jun-20 10:30
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFPeA	IS	73.9	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C3-PFBS	IS	83.6	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C3-HFPO-DA	IS	79.6	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-4:2 FTS	IS	84.1	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-PFHxA	IS	75.5	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C4-PFHpA	IS	77.4	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C3-PFHxS	IS	85.9	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-6:2 FTS	IS	77.7	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C5-PFNA	IS	66.4	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C8-PFOSA	IS	51.8	10 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-PFOA	IS	75.0	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C8-PFOS	IS	69.7	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-PFDA	IS	64.9	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-8:2 FTS	IS	77.6	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
d3-MeFOSAA	IS	41.0	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-PFUnA	IS	57.0	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
d5-EtFOSAA	IS	41.5	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-10:2 FTS	IS	52.9	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-PFDoA	IS	56.4	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
d3-MeFOSA	IS	18.3	10 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-PFTeDA	IS	47.3	25 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
d5-EtFOSA	IS	15.4	10 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
13C2-PFHxDA	IS	22.3	25 - 150	H	B0F0172	03-Jul-20	0.251 L	09-Jul-20 20:53	1
d7-MeFOSE	IS	44.9	10 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1
d9-EtFOSE	IS	45.8	10 - 150		B0F0172	03-Jul-20	0.251 L	06-Jul-20 23:25	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Vista Analytical Laboratory

Sample ID: Field Blank

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 09:15

Laboratory Data

Lab Sample: 2001276-03
Date Received: 13-Jun-20 10:30
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.367	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFPeA	2706-90-3	ND	0.644	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFBS	375-73-5	ND	0.900	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
4:2 FTS	757124-72-4	ND	0.699	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFHxA	307-24-4	ND	1.10	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFPeS	2706-91-4	ND	1.22	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
HFPO-DA	13252-13-6	ND	2.42	2.51		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFHpA	375-85-9	ND	0.297	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
ADONA	919005-14-4	ND	0.363	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFHxS	355-46-4	ND	0.476	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
6:2 FTS	27619-97-2	ND	1.01	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFOA	335-67-1	ND	0.327	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFHpS	375-92-8	ND	0.471	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFNA	375-95-1	ND	0.407	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFOSA	754-91-6	ND	0.890	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFOS	1763-23-1	ND	0.406	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
9Cl-PF3ONS	756426-58-1	ND	0.729	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFDA	335-76-2	ND	0.749	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
8:2 FTS	39108-34-4	ND	1.04	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFNS	68259-12-1	ND	1.95	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
MeFOSAA	2355-31-9	ND	0.830	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
EtFOSAA	2991-50-6	ND	0.689	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFUnA	2058-94-8	ND	0.528	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFDS	335-77-3	ND	0.618	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
11Cl-PF3OUdS	763051-92-9	ND	1.21	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
10:2 FTS	120226-60-0	ND	1.57	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFDoA	307-55-1	ND	0.398	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
MeFOSA	31506-32-8	ND	1.93	10.1		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFTrDA	72629-94-8	ND	0.248	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFDoS	79780-39-5	ND	2.10	2.51		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFTeDA	376-06-7	ND	0.380	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
EtFOSA	4151-50-2	ND	2.57	10.1		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFHxDA	67905-19-5	ND	0.148	2.01		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
PFODA	16517-11-6	ND	3.09	3.52		B0F0172	03-Jul-20	0.249 L	09-Jul-20 04:03	1
MeFOSE	24448-09-7	ND	3.05	10.1		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
EtFOSE	1691-99-2	ND	4.75	10.1		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	74.9	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1

Sample ID: Field Blank — **PFAS Isotope Dilution Method**

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 09:15

Laboratory Data

Lab Sample: 2001276-03
Date Received: 13-Jun-20 10:30
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFPeA	IS	78.4	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C3-PFBS	IS	80.0	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C3-HFPO-DA	IS	79.7	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-4:2 FTS	IS	78.0	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-PFHxA	IS	73.6	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C4-PFHpA	IS	76.5	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C3-PFHxS	IS	81.5	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-6:2 FTS	IS	75.1	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C5-PFNA	IS	77.6	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C8-PFOSA	IS	35.6	10 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-PFOA	IS	76.9	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C8-PFOS	IS	81.1	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-PFDA	IS	74.1	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-8:2 FTS	IS	70.9	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
d3-MeFOSAA	IS	65.2	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-PFUnA	IS	62.7	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
d5-EtFOSAA	IS	66.8	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-10:2 FTS	IS	61.2	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-PFDoA	IS	66.9	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
d3-MeFOSA	IS	15.7	10 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-PFTeDA	IS	58.0	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
d5-EtFOSA	IS	13.2	10 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
13C2-PFHxDA	IS	49.6	25 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
d7-MeFOSE	IS	30.8	10 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1
d9-EtFOSE	IS	30.3	10 - 150		B0F0172	03-Jul-20	0.249 L	06-Jul-20 23:36	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Vista Analytical Laboratory

Sample ID: MW-20-02

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 11:00

Laboratory Data

Lab Sample: 2001276-04
Date Received: 13-Jun-20 10:30
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.349	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFPeA	2706-90-3	109	0.612	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFBS	375-73-5	ND	0.856	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
4:2 FTS	757124-72-4	ND	0.665	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFHxA	307-24-4	158	1.04	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFPeS	2706-91-4	ND	1.16	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
HFPO-DA	13252-13-6	ND	2.31	2.39		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFHpA	375-85-9	40.3	0.283	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
ADONA	919005-14-4	ND	0.345	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFHxS	355-46-4	2.25	0.453	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
6:2 FTS	27619-97-2	ND	0.957	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFOA	335-67-1	68.3	0.311	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFHpS	375-92-8	ND	0.448	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFNA	375-95-1	4.46	0.388	1.91	Q	B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFOSA	754-91-6	0.924	0.847	1.91	J	B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFOS	1763-23-1	5.39	0.386	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
9Cl-PF3ONS	756426-58-1	ND	0.694	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFDA	335-76-2	ND	0.713	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
8:2 FTS	39108-34-4	ND	0.986	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFNS	68259-12-1	ND	1.85	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
MeFOSAA	2355-31-9	ND	0.789	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
EtFOSAA	2991-50-6	26.2	0.655	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFUnA	2058-94-8	ND	0.502	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFDS	335-77-3	ND	0.588	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
11Cl-PF3OUdS	763051-92-9	ND	1.15	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
10:2 FTS	120226-60-0	ND	1.50	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFDoA	307-55-1	ND	0.379	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
MeFOSA	31506-32-8	ND	1.83	9.57		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFTrDA	72629-94-8	ND	0.236	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFDoS	79780-39-5	ND	2.00	2.39		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFTeDA	376-06-7	ND	0.361	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
EtFOSA	4151-50-2	ND	2.44	9.57		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFHxDA	67905-19-5	ND	0.141	1.91		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
PFODA	16517-11-6	ND	2.94	3.35		B0F0172	03-Jul-20	0.261 L	09-Jul-20 04:13	1
MeFOSE	24448-09-7	ND	2.90	9.57		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
EtFOSE	1691-99-2	ND	4.52	9.57		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	2.30	25 - 150	H	B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1

Vista Analytical Laboratory

Sample ID: MW-20-02

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 11:00

Laboratory Data

Lab Sample: 2001276-04
Date Received: 13-Jun-20 10:30
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFPeA	IS	21.7	25 - 150	H	B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C3-PFBS	IS	66.3	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C3-HFPO-DA	IS	63.1	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-4:2 FTS	IS	74.7	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-PFHxA	IS	66.7	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C4-PFHpA	IS	81.3	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C3-PFHxS	IS	92.1	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-6:2 FTS	IS	97.5	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C5-PFNA	IS	85.2	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C8-PFOSA	IS	56.3	10 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-PFOA	IS	88.0	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C8-PFOS	IS	91.6	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-PFDA	IS	93.2	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-8:2 FTS	IS	135	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
d3-MeFOSAA	IS	81.0	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-PFUnA	IS	82.0	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
d5-EtFOSAA	IS	87.8	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-10:2 FTS	IS	101	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-PFDoA	IS	80.9	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
d3-MeFOSA	IS	11.5	10 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-PFTeDA	IS	31.1	25 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
d5-EtFOSA	IS	11.5	10 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
13C2-PFHxDA	IS	23.2	25 - 150	H	B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
d7-MeFOSE	IS	38.4	10 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1
d9-EtFOSE	IS	34.6	10 - 150		B0F0172	03-Jul-20	0.261 L	06-Jul-20 23:46	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Vista Analytical Laboratory

Sample ID: MW-20-03

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 12:40

Laboratory Data

Lab Sample: 2001276-05
Date Received: 13-Jun-20 10:30
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	12.9	0.370	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFPeA	2706-90-3	20.2	0.650	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFBS	375-73-5	2.83	0.909	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
4:2 FTS	757124-72-4	ND	0.706	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFHxA	307-24-4	24.5	1.11	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFPeS	2706-91-4	ND	1.23	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
HFPO-DA	13252-13-6	ND	2.45	2.54		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFHpA	375-85-9	13.5	0.300	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
ADONA	919005-14-4	ND	0.367	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFHxS	355-46-4	2.70	0.481	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
6:2 FTS	27619-97-2	ND	1.02	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFOA	335-67-1	54.6	0.330	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFHpS	375-92-8	2.01	0.476	2.03	J, Q	B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFNA	375-95-1	3.94	0.411	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFOSA	754-91-6	20.5	0.899	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFOS	1763-23-1	161	0.410	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
9Cl-PF3ONS	756426-58-1	ND	0.736	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFDA	335-76-2	1.03	0.756	2.03	J	B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
8:2 FTS	39108-34-4	ND	1.05	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFNS	68259-12-1	ND	1.96	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
MeFOSAA	2355-31-9	4.06	0.838	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
EtFOSAA	2991-50-6	181	0.695	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFUnA	2058-94-8	ND	0.533	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFDS	335-77-3	ND	0.624	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
11Cl-PF3OUdS	763051-92-9	ND	1.22	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
10:2 FTS	120226-60-0	ND	1.59	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFDoA	307-55-1	ND	0.402	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
MeFOSA	31506-32-8	ND	1.94	10.2		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFTrDA	72629-94-8	ND	0.251	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFDoS	79780-39-5	ND	2.12	2.54		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFTeDA	376-06-7	ND	0.383	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
EtFOSA	4151-50-2	ND	2.59	10.2		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFHxDA	67905-19-5	ND	0.149	2.03		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
PFODA	16517-11-6	ND	3.12	3.55		B0F0172	03-Jul-20	0.246 L	09-Jul-20 21:03	1
MeFOSE	24448-09-7	ND	3.08	10.2		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
EtFOSE	1691-99-2	ND	4.79	10.2		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	47.5	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1

Vista Analytical Laboratory

Sample ID: MW-20-03

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 12:40

Laboratory Data

Lab Sample: 2001276-05
Date Received: 13-Jun-20 10:30
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFPeA	IS	75.1	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C3-PFBS	IS	84.1	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C3-HFPO-DA	IS	81.7	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-4:2 FTS	IS	82.6	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-PFHxA	IS	78.5	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C4-PFHpA	IS	84.4	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C3-PFHxS	IS	81.8	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-6:2 FTS	IS	78.0	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C5-PFNA	IS	78.0	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C8-PFOSA	IS	52.7	10 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-PFOA	IS	79.7	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C8-PFOS	IS	77.1	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-PFDA	IS	79.0	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-8:2 FTS	IS	84.0	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
d3-MeFOSAA	IS	74.1	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-PFUnA	IS	68.6	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
d5-EtFOSAA	IS	75.7	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-10:2 FTS	IS	69.9	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-PFDoA	IS	69.9	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
d3-MeFOSA	IS	16.4	10 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-PFTeDA	IS	65.1	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
d5-EtFOSA	IS	15.0	10 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
13C2-PFHxDA	IS	50.7	25 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
d7-MeFOSE	IS	45.3	10 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1
d9-EtFOSE	IS	48.1	10 - 150		B0F0172	03-Jul-20	0.246 L	06-Jul-20 23:57	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Vista Analytical Laboratory

Sample ID: Equipment Blank-2

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 12:55

Laboratory Data

Lab Sample: 2001276-06
Date Received: 13-Jun-20 10:30
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.378	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFPeA	2706-90-3	ND	0.664	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFBS	375-73-5	ND	0.929	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
4:2 FTS	757124-72-4	ND	0.722	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFHxA	307-24-4	ND	1.13	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFPeS	2706-91-4	ND	1.26	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
HFPO-DA	13252-13-6	ND	2.50	2.60		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFHpA	375-85-9	ND	0.307	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
ADONA	919005-14-4	ND	0.375	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFHxS	355-46-4	ND	0.492	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
6:2 FTS	27619-97-2	ND	1.04	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFOA	335-67-1	ND	0.338	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFHpS	375-92-8	ND	0.486	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFNA	375-95-1	ND	0.420	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFOSA	754-91-6	ND	0.919	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFOS	1763-23-1	ND	0.419	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
9Cl-PF3ONS	756426-58-1	ND	0.753	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFDA	335-76-2	ND	0.773	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
8:2 FTS	39108-34-4	ND	1.07	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFNS	68259-12-1	ND	2.01	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
MeFOSAA	2355-31-9	ND	0.856	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
EtFOSAA	2991-50-6	ND	0.711	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFUnA	2058-94-8	ND	0.545	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFDS	335-77-3	ND	0.638	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
11Cl-PF3OUdS	763051-92-9	ND	1.25	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
10:2 FTS	120226-60-0	ND	1.62	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFDoA	307-55-1	ND	0.411	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
MeFOSA	31506-32-8	ND	1.99	10.4		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFTrDA	72629-94-8	ND	0.256	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFDoS	79780-39-5	ND	2.16	2.60		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFTeDA	376-06-7	ND	0.392	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
EtFOSA	4151-50-2	ND	2.65	10.4		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFHxDA	67905-19-5	ND	0.153	2.08		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
PFODA	16517-11-6	ND	3.19	3.63		B0F0172	03-Jul-20	0.241 L	09-Jul-20 21:14	1
MeFOSE	24448-09-7	ND	3.15	10.4		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
EtFOSE	1691-99-2	ND	4.90	10.4		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	75.5	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1

Vista Analytical Laboratory

Sample ID: Equipment Blank-2

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 12:55

Laboratory Data

Lab Sample: 2001276-06
Date Received: 13-Jun-20 10:30
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFPeA	IS	81.6	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C3-PFBS	IS	85.6	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C3-HFPO-DA	IS	83.4	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-4:2 FTS	IS	80.9	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-PFHxA	IS	77.1	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C4-PFHpA	IS	82.2	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C3-PFHxS	IS	85.0	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-6:2 FTS	IS	81.1	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C5-PFNA	IS	83.1	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C8-PFOSA	IS	40.3	10 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-PFOA	IS	85.5	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C8-PFOS	IS	81.5	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-PFDA	IS	80.1	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-8:2 FTS	IS	89.5	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
d3-MeFOSAA	IS	75.4	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-PFUnA	IS	70.7	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
d5-EtFOSAA	IS	77.4	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-10:2 FTS	IS	65.5	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-PFDoA	IS	68.3	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
d3-MeFOSA	IS	12.8	10 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-PFTeDA	IS	59.7	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
d5-EtFOSA	IS	10.8	10 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
13C2-PFHxDA	IS	49.1	25 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
d7-MeFOSE	IS	34.2	10 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1
d9-EtFOSE	IS	34.2	10 - 150		B0F0172	03-Jul-20	0.241 L	07-Jul-20 00:07	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Vista Analytical Laboratory

Sample ID: Duplicate-1

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 00:00

Laboratory Data

Lab Sample: 2001276-07
Date Received: 13-Jun-20 10:30
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	2.55	0.369	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFPeA	2706-90-3	ND	0.648	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFBS	375-73-5	ND	0.906	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
4:2 FTS	757124-72-4	ND	0.703	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFHxA	307-24-4	ND	1.10	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFPeS	2706-91-4	ND	1.22	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
HFPO-DA	13252-13-6	ND	2.44	2.53		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFHpA	375-85-9	ND	0.299	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
ADONA	919005-14-4	ND	0.365	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFHxS	355-46-4	0.904	0.479	2.02	J	B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
6:2 FTS	27619-97-2	ND	1.01	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFOA	335-67-1	0.933	0.329	2.02	J	B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFHpS	375-92-8	ND	0.474	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFNA	375-95-1	ND	0.410	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFOSA	754-91-6	ND	0.896	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFOS	1763-23-1	ND	0.408	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
9Cl-PF3ONS	756426-58-1	ND	0.734	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFDA	335-76-2	ND	0.754	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
8:2 FTS	39108-34-4	ND	1.04	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFNS	68259-12-1	ND	1.96	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
MeFOSAA	2355-31-9	ND	0.835	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
EtFOSAA	2991-50-6	ND	0.693	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFUnA	2058-94-8	ND	0.531	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFDS	335-77-3	ND	0.622	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
11Cl-PF3OUdS	763051-92-9	ND	1.22	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
10:2 FTS	120226-60-0	ND	1.58	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFDoA	307-55-1	ND	0.401	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
MeFOSA	31506-32-8	ND	1.94	10.1		B0F0172	03-Jul-20	0.247 L	09-Jul-20 04:24	1
PFTrDA	72629-94-8	ND	0.250	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFDoS	79780-39-5	ND	2.11	2.53		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFTeDA	376-06-7	ND	0.382	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
EtFOSA	4151-50-2	ND	2.59	10.1		B0F0172	03-Jul-20	0.247 L	09-Jul-20 04:24	1
PFHxDA	67905-19-5	ND	0.149	2.02		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
PFODA	16517-11-6	ND	3.11	3.54		B0F0172	03-Jul-20	0.247 L	09-Jul-20 04:24	1
MeFOSE	24448-09-7	ND	3.07	10.1		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
EtFOSE	1691-99-2	ND	4.78	10.1		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	79.8	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1

Vista Analytical Laboratory

Sample ID: Duplicate-1

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Aqueous
Date Collected: 11-Jun-20 00:00

Laboratory Data

Lab Sample: 2001276-07
Date Received: 13-Jun-20 10:30
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFPeA	IS	80.3	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C3-PFBS	IS	87.3	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C3-HFPO-DA	IS	79.3	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C2-4:2 FTS	IS	78.9	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C2-PFHxA	IS	81.9	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C4-PFHpA	IS	80.1	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C3-PFHxS	IS	84.7	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C2-6:2 FTS	IS	74.1	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C5-PFNA	IS	69.7	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C8-PFOSA	IS	43.7	10 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C2-PFOA	IS	78.8	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C8-PFOS	IS	76.1	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C2-PFDA	IS	64.3	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C2-8:2 FTS	IS	75.8	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
d3-MeFOSAA	IS	44.2	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C2-PFUnA	IS	59.2	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
d5-EtFOSAA	IS	41.0	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C2-10:2 FTS	IS	55.3	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
13C2-PFDoA	IS	55.7	25 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
d3-MeFOSA	IS	13.2	10 - 150		B0F0172	03-Jul-20	0.247 L	09-Jul-20 04:24	1
13C2-PFTeDA	IS	22.3	25 - 150	H	B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
d5-EtFOSA	IS	11.0	10 - 150		B0F0172	03-Jul-20	0.247 L	09-Jul-20 04:24	1
13C2-PFHxDA	IS	5.60	25 - 150	H	B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
d7-MeFOSE	IS	41.0	10 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1
d9-EtFOSE	IS	38.4	10 - 150		B0F0172	03-Jul-20	0.247 L	07-Jul-20 00:18	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank
Conc.	Concentration
CRS	Cleanup Recovery Standard
D	Dilution
DL	Detection limit
E	The associated compound concentration exceeded the calibration range of the instrument
H	Recovery and/or RPD was outside laboratory acceptance limits
I	Chemical Interference
IS	Internal Standard
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limit of Detection
LOQ	Limit of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
NA	Not applicable
ND	Not Detected
OPR	Ongoing Precision and Recovery sample
P	The reported concentration may include contribution from chlorinated diphenyl ether(s).
Q	The ion transition ratio is outside of the acceptance criteria.
RL	Reporting Limit
TEQ	Toxic Equivalency
U	Not Detected (specific projects only)
*	See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

Vista Analytical Laboratory Certifications

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	19-013-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-23
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2018017
Massachusetts Department of Environmental Protection	N/A
Michigan Department of Environmental Quality	9932
Minnesota Department of Health	1521520
New Hampshire Environmental Accreditation Program	207718-B
New Jersey Department of Environmental Protection	190001
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-010
Pennsylvania Department of Environmental Protection	016
Texas Commission on Environmental Quality	T104704189-19-10
Vermont Department of Health	VT-4042
Virginia Department of General Services	10272
Washington Department of Ecology	C584-19
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request.

NELAP Accredited Test Methods

MATRIX: Air	
Description of Test	**Method**
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA 23
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA TO-9A

MATRIX: Biological Tissue	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Drinking Water	
Description of Test	**Method**
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS	EPA 1613/1613B
1,4-Dioxane (1,4-Diethyleneoxide) analysis by GC/HRMS	EPA 522
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	ISO 25101 2009

MATRIX: Non-Potable Water	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Dioxin by GC/HRMS	EPA 613
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Solids	
Description of Test	**Method**
Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

Vista Analytical Laboratory

CHAIN OF CUSTODY

117-4124128

For Laboratory Use Only
Work Order #: 2001276 Temp: 2.1 °C
Storage ID: R-13/WR-2 Storage Secured: Yes ☑ No ☐

Project ID: South Broadway Facility PFAS PO#: Sampler: Jared Walbert (name)

TAT (check one): Standard: ☒ 21 days; Rush (surcharge may apply): ☐ 14 days ☐ 7 days Specify:

Relinquished by (printed name and signature)	Date	Time	Received by (printed name and signature)	Date	Time
Jared Walbert Jared Walbert	6/12/2020	15:30	Fedex	6/12/2020	15:30
Fedex	06/13/2020	10:30	Hayden Canal	06/13/2020	10:30

SHIP TO: Vista Analytical Laboratory
1104 Windfield Way
El Dorado Hills, CA 95762
(916) 673-1520 * Fax (916) 673-0106

ATTN: Jade White

Method of Shipment: Fedex Priority Overnight
Tracking No.:

Add Analysis(es) Requested

Sample ID	Date	Time	Location/ Sample Description	Container(s) Quantity	Type	Matrix	PFAS by Isotope Dilution: PFOA/ PFOS	UCMR3 PFAS List:6	537.1 List: 14 or 18 (Circle One)	EPA Draft List of 24	OTHER: Please attach analyte list	EPA Method 537 (DW only): PFOA/ PFOS	UCMR3 PFAS List:6	537.1 List of 14	537.1 List of 18	Comments
Equipment Blank-1	6/9/2020	9:35		2	P	AQ					WDNR List of 36 PFAS					
MW-20-01	6/11/2020	8:55		2	P	AQ										
Field Blank	6/11/2020	9:15		2	P	AQ										
MW-20-02	6/11/2020	11:00		2	P	AQ										
MW-20-03	6/11/2020	12:40		2	P	AQ										
Equipment Blank-2	6/11/2020	12:55		2	P	AQ										
Duplicate-1	6/11/2020	—		2	P	AQ										

Special Instructions/Comments:
Level IV Data Package

SEND DOCUMENTATION AND RESULTS TO:

Name: Mike Savale
Company: Tetra Tech
Address: 710 Avis Dr. Suite 100
City: Ann Arbor MI 48108
Phone: (734) 213-5040
Email: Michael.savale@tetratech.com

Container Types: P= HDPE, PJ= HDPE Jar, PY= Polypropylene, O = Other:

Bottle Preservation Type: TZ = Trizma:

Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment, SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other:

Vista Analytical Laboratory

Sample Log-In Checklist

Page # 1 of 1

Vista Work Order #: 2001276 TAT std

Samples Arrival:	**Date/Time** 06/13/2020 10:30		**Initials:** HDG		**Location:** WR-2 **Shelf/Rack:** NA		
Delivered By:	~~FedEx~~	UPS	On Trac	GLS	DHL	Hand Delivered	Other
Preservation:	(ce)		Blue Ice		Dry Ice		None
Temp °C: 2.1 (uncorrected) / **Temp °C:** 2.1 (corrected)			**Probe used: Y / (N)**		**Thermometer ID:** IR-4		

	YES	NO	NA
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?			✓
Airbill — Trk # 8146 6327 3103	✓		
Shipping Documentation Present?	✓		
Shipping Container: Vista / (Client) / Retain / ~~Return~~ / Dispose			
Chain of Custody / Sample Documentation Present?	✓		
Chain of Custody / Sample Documentation Complete?	✓		
Holding Time Acceptable?	✓		

Logged In:	**Date/Time** 06/16/20 0811		**Initials:** KS	**Location:** R-13, WR-2 **Shelf/Rack:** a-2, a-3, E-4	
COC Anomaly/Sample Acceptance Form completed?				✓	✓

Comments:

CoC/Label Reconciliation Report WO# 2001276

LabNumber	CoC Sample ID		SampleAlias	Sample Date/Time		Container	BaseMatrix	Sample Comments
2001276-01	A Equipment Blank-1	☑		09-Jun-20 09:35	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-01	B Equipment Blank-1	☐ ✗		09-Jun-20 09:35	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-02	A MW-20-01	☑		11-Jun-20 08:55	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-02	B MW-20-01	☑		11-Jun-20 08:55	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-03	A Field Blank	☑		11-Jun-20 09:15	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-03	B Field Blank	☑		11-Jun-20 09:15	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-04	A MW-20-02	☑		11-Jun-20 11:00	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-04	B MW-20-02	☑		11-Jun-20 11:00	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-05	A MW-20-03	☑		11-Jun-20 12:40	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-05	B MW-20-03	☑		11-Jun-20 12:40	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-06	A Equipment Blank-2	☑		11-Jun-20 12:55	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-06	B Equipment Blank-2	☑		11-Jun-20 12:55	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-07	A Duplicate-1	☑		11-Jun-20 00:00	☑	HDPE Bottle, 250 mL	Aqueous	
2001276-07	B Duplicate-1	☑		11-Jun-20 00:00	☑	HDPE Bottle, 250 mL	Aqueous	

Checkmarks indicate that information on the COC reconciled with the sample label.
Any discrepancies are noted in the following columns.

	Yes	No	NA
Sample Container Intact?	✓		
Sample Custody Seals Intact?			✓
Adequate Sample Volume?	✓		
Container Type Appropriate for Analysis(es)	✓		
Preservation Documented: Na2S2O3 Trizma None Other		–	✓
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			✓

Comments: ✗ 150 mL

Verifed by/Date: KA 06/16/2020

EXTRACTION INFORMATION

Process Sheet

Workorder: 2001276

Prep Expiration: 2020-07-07
Client: Tetra Tech

Workorder Due: 06-Jul-20 00:00
TAT: 23

Method: **537M PFAS Wisconsin EIS**
Matrix: **Aqueous**

Prep Batch: B0F0172

Prep Data Entered: ME 07/06/2020
Date and Initials

Version: WI (36 Analytes) Low Spike-EIS
DoD: WI with EIS

Initial Sequence: SO GOOD

LabSampID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
2001276-01	A	☑	☑	Equipment Blank-1		R-13 A-2	HDPE Bottle, 250 mL
2001276-02		☑	☑	MW-20-01		R-13 A-2	HDPE Bottle, 250 mL
2001276-03		☑	☑	Field Blank		R-13 A-2	HDPE Bottle, 250 mL
2001276-04		☑	☑	MW-20-02	**	R-13 A-2	HDPE Bottle, 250 mL
2001276-05		☑	☑	MW-20-03		R-13 A-2	HDPE Bottle, 250 mL
2001276-06		☑	☑	Equipment Blank-2		R-13 A-2	HDPE Bottle, 250 mL
2001276-07		☑	☑	Duplicate-1		R-13 A-2	HDPE Bottle, 250 mL

WO Comments: **Wisconsin requirements** 7L 07/02/20 ME07/03/2020.
**** Potential high levels - foam observed on top of the purge water**
Internal CoC

Pre-Prep Check Out: CHT 06/19/20
Pre-Prep Check In: CHT 06/19/20

Prep Check Out: ME 07/03/2020
Prep Check In: N/A

Prep Reconciled Initals/Date: CHT 06/19/20
Spike Reconciled Initals/Date: ME 07/03/2020
VialBoxID: Bubly

Matrix: Aqueous

Method: 537M PFAS Wisconsin EIS

PREPARATION BENCH SHEET

B0F0172

Chemist: ME

Prep Date: 07/03/2020

Prep Time: 07:17

Hood#: 06

Prepared using: ☐ Sonication Shaker ☒ SPE Extraction ☒ Centrifuge ID: C3

Rec Date/Initals: 07/06/20 JC

Date/Initals: CHS 06/19/20

BalanceID: HRMS-9

Cen	VISTA Sample ID	Rec Vial1	Rec Vial2	pH	Chlorine (Cl)	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE and Reconciliation	ENVI-Carb and Reconciliation
☒	B0F0172-BLK1	☑	☑	5	0	NA	NA	(0.250)	ME 07/03/2020	ME 07/03/2020	N/A
☒	B0F0172-BS1	☑	☑	5	0	↓	↓	(0.250)	↓	↓	↓
☐	2001276-01	☑	☑	5	0	256.26	26.92	0.22934	↓	↓	↓
☒	2001276-02 ③	☑	☑	6	0	278.58	27.49	0.25109	↓	↓	↓
☐	2001276-03	☑	☑	5	0	276.26	27.64	0.24862	↓	↓	↓
☒	2001276-04 ② Ⓐ ③	☑	☑	11	0	288.20	26.94	0.26126	↓	↓	↓
☐	2001276-05	☑	☑	6	0	273.41	27.18	0.24623	↓	↓	↓
☐	2001276-06	☑	☑	6	0	267.69	26.88	0.24087	↓	↓	↓
☒	2001276-07 ③	☑	☑	6	0	274.22	27.20	0.24702	↓	↓	↓

IS: 20E1201, (V13), 10µL

IS SUP: 20F1201, (V6), 20µL

NS: 20F1916, NS10W, 20µL

NS SUP: N/A

SPE Chem: Strata-xL-AN 100µm 200mg/6mL

SPE Lot#: 518-006863

ENVI-Carb Lot#: N/A

Ele SOLV: MeOH/0.5%NH4OH in MeOH

Final Volume(s) 1 mL

Notes:
② ME 07/03/2020.
Ⓐ Sample color, copper shade. ME 07/03/2020.
③ ME 07/03/2020.

Comments: Assume 1 g = 1 mL
Cen = Centrifuged
Rec = Reconcile final vial transfer

1 = Sample centrifuged twice
2 = Sample deeply colored after centrifuge
3 = Cartridge sorbent discolored after SPE
4 = Sample clogged cartridge, additional cartridge(s) used
5 = Sample recombined at final volume
6 = Sample took longer to SPE, required stronger vacuum
7 = Required Nitrogen line to finish SPE
8 = Required Nitrogen line to finish elution
9 = Sample arrived with low volume
10 = Trizma added to QC (5g/L)

Matrix: Aqueous

Method: 537M PFAS Wisconsin EIS

Vista Internal Chain-of-Custody

B0F0172

Vista Analytical Laboratory

	Location		L2	R13	L2	R12	L2	R12	L4		
	Reason		Prep	R9	R4	R9	R6	R9	R9		
	Initials		CHT	CHT	ME	ME	TC	HP	CM		
	Date/Time		06/9/20 *	06/19/20 *	07/03/2020 06:37	07/03/2020 13:10	07/06/20 6:51	07/06/20 1447	7/6/2020 1607		
Initial Storage	LabNumber	Cont									
R-13 A-2	2001276-01	A	O	O	O	E	E	E	E		
R-13 A-2	2001276-02										
R-13 A-2	2001276-03										
R-13 A-2	2001276-04										
R-13 A-2	2001276-05										
R-13 A-2	2001276-06										
R-13 A-2	2001276-07										

Location Key:
L1 = Prep Lab 1
L2 = Prep Lab 2
L3 = HRMS Diox
L4 = Instrument
Other = _____

Reason Key:
R1 = Percent Solids
R2 = Eluate Preservation
R3 = Sub-Sample
R4 = Extraction
R6 = Concentration
R7 = Filtering
R8 = Analysis
R9 = Storage
Other = _____

Type Key:
O = Original Sample
E = Extract of Sample

* Time not recorded CHT 07/06/20 CHT

Batch: B0F0172

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
2001276-01	0.22934	N/A	N/A	1000	03-Jul-20 07:17	ME			Aqueous	537M PFAS Wisconsin EIS
2001276-02	0.25109			1000	03-Jul-20 07:17	ME			Aqueous	537M PFAS Wisconsin EIS
2001276-03	0.24862			1000	03-Jul-20 07:17	ME			Aqueous	537M PFAS Wisconsin EIS
2001276-04	0.26126			1000	03-Jul-20 07:17	ME			Aqueous	537M PFAS Wisconsin EIS
2001276-05	0.24623			1000	03-Jul-20 07:17	ME			Aqueous	537M PFAS Wisconsin EIS
2001276-06	0.24081			1000	03-Jul-20 07:17	ME			Aqueous	537M PFAS Wisconsin EIS
2001276-07	0.24702			1000	03-Jul-20 07:17	ME			Aqueous	537M PFAS Wisconsin EIS
B0F0172-BLK1	0.25			1000	03-Jul-20 07:17	ME				QC
B0F0172-BS1	0.25			1000	03-Jul-20 07:17	ME	20F1916	20		QC

All bolded data on report verified against written benchsheet by (initial/date) ME 07/06/2020

Printed: 7/6/2020 8:26:03AM

Sample Data – PFAS Isotope Dilution Method

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-70-72.qld

Last Altered: Tuesday, July 07, 2020 15:04:41 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 15:06:18 Pacific Daylight Time

Name: 200706P1-70, Date: 06-Jul-2020, Time: 22:33:25, ID: B0F0172-BLK1 Method Blank 0.25, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		6.252e3	0.250	1.58						
2	4	PFPeA	263.1 > 218.9		8.881e3	0.250	2.57						
3	5	PFBS	299.0 > 80		1.050e3	0.250	2.85						YES
4	6	4:2 FTS	326.9 > 306.9		1.021e3	0.250	3.28						YES
5	7	PFHxA	313.0 > 269.0		1.027e4	0.250	3.37						YES
6	8	PFPeS	349.>80		1.050e3	0.250	3.76						YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	6.252e3		0.250	1.63	1.58	6251.942	36.263	72.5		
8	49	13C3-PFPeA-EIS	266.0 > 221.8	8.881e3		0.250	2.76	2.57	8880.667	36.941	73.9		
9	51	13C3-PFBS-EIS	302.0 > 98.9	1.050e3		0.250	2.87	2.85	1049.577	40.367	80.7		
10	55	13C2-4:2 FTS-EIS	329.0 >80.8	1.021e3		0.250	3.31	3.28	1021.455	40.492	81.0		
11	57	13C2-PFHxA-EIS	315.0 > 270.0	1.027e4		0.250	3.38	3.37	10266.827	37.664	75.3		
12	51	13C3-PFBS-EIS	302.0 > 98.9	1.050e3		0.250	2.87	2.85	1049.577	40.367	80.7		
13	-1												
14	9	HFPO-DA	285.1 > 168.9		1.961e3	0.250	3.57						YES
15	11	PFHpA	363.0 > 319		9.441e3	0.250	3.96						YES
16	13	L-PFHxS	399 > 79.9		2.267e3	0.250	4.10						YES
17	1...	Total PFHxS	399 > 79.9	0.000e0	2.267e3	0.250	3.93		0.000				
18	12	ADONA	376.8 > 250.9		9.441e3	0.250	4.06						YES
19	15	6:2 FTS	427.0 > 407		1.148e3	0.250	4.42						YES
20	53	13C3-HFPO-DA-EIS	287.0 > 168.9	1.961e3		0.250	3.59	3.57	1961.150	34.367	68.7		
21	59	13C4-PFHpA-EIS	367.2 > 321.8	9.441e3		0.250	3.98	3.96	9440.800	38.410	76.8		
22	61	13C3-PFHxS-EIS	402 > 80	2.267e3		0.250	4.13	4.10	2266.559	41.189	82.4		
23	61	13C3-PFHxS-EIS	402 > 80	2.267e3		0.250	4.13	4.10	2266.559	41.189	82.4		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	9.441e3		0.250	3.98	3.96	9440.800	38.410	76.8		
25	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.148e3		0.250	4.45	4.42	1148.146	35.673	71.3		
26	-1												
27	19	PFHpS	449.0 > 80		2.239e3	0.250	4.53						YES
28	16	L-PFOA	413 > 369		1.151e4	0.250	4.48						YES
29	1...	Total PFOA	413 > 369	0.000e0	1.151e4	0.250	4.60		0.000				
30	21	PFNA	463.0 > 418.8		1.121e4	0.250	4.92						YES
31	23	L-PFOS	499 > 80		2.239e3	0.250	4.99						YES
32	1...	Total PFOS	499> 80	0.000e0	2.239e3	0.250	4.60		0.000				
33	71	13C8-PFOS-EIS	507.1 > 80	2.239e3		0.250	5.02	4.99	2238.896	39.713	79.4		
34	69	13C2-PFOA-EIS	414.9 > 369.7	1.151e4		0.250	4.67	4.48	11511.190	39.885	79.8		
35	69	13C2-PFOA-EIS	414.9 > 369.7	1.151e4		0.250	4.67	4.48	11511.190	39.885	79.8		
36	65	13C5-PFNA-EIS	468.2 > 422.9	1.121e4		0.250	5.13	4.92	11208.908	36.958	73.9		

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-70-72.qld

Last Altered: Tuesday, July 07, 2020 15:04:41 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 15:06:18 Pacific Daylight Time

Name: 200706P1-70, Date: 06-Jul-2020, Time: 22:33:25, ID: B0F0172-BLK1 Method Blank 0.25, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2.239e3		0.250	5.02	4.99	2238.896	39.713	79.4		
38	71	13C8-PFOS-EIS	507.1 > 80	2.239e3		0.250	5.02	4.99	2238.896	39.713	79.4		
39	-1												
40	26	PFDA	513 > 469		1.254e4	0.250	5.29						YES
41	22	PFOSA	498 > 78		2.819e3	0.250	4.96						YES
42	25	9Cl-PF30NS	531 > 351		2.239e3	0.250	5.21						YES
43	27	8:2 FTS	526.8 > 506.9		9.406e2	0.250	5.26						YES
44	28	PFNS	549 > 80		2.239e3	0.250	5.35						YES
45	33	PFUdA	563.0 > 519		1.267e4	0.250	5.60						YES
46	73	13C2-PFDA-EIS	515.1 > 469.9	1.254e4		0.250	5.31	5.29	12536.423	33.622	67.2		
47	67	13C8-PFOSA-EIS	506 > 78	2.819e3		0.250	4.99	4.96	2818.742	19.733	39.5		
48	71	13C8-PFOS-EIS	507.1 > 80	2.239e3		0.250	5.02	4.99	2238.896	39.713	79.4		
49	75	13C2-8:2 FTS-EIS	529 > 80	9.406e2		0.250	5.29	5.26	940.618	34.095	68.2		
50	71	13C8-PFOS-EIS	507.1 > 80	2.239e3		0.250	5.02	4.99	2238.896	39.713	79.4		
51	79	13C2-PFUdA-EIS	565 > 519.8	1.267e4		0.250	5.54	5.60	12666.753	32.041	64.1		
52	-1												
53	29	L-MeFOSAA	570 > 419		2.543e3	0.250	5.43						YES
54	1...	Total N-MeFOSAA	570. > 419	0.000e0	2.543e3	0.250	5.19		0.000				
55	31	L-EtFOSAA	583.9 > 419		2.521e3	0.250	5.58						YES
56	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	2.521e3	0.250	5.37		0.000				
57	34	PFDS	598.8 >79.9		2.239e3	0.250	5.75						YES
58	35	11Cl-PF30UdS	631 > 451		1.460e4	0.250	5.81						YES
59	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.543e3		0.250	5.46	5.43	2542.595	30.711	61.4		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.543e3		0.250	5.46	5.43	2542.595	30.711	61.4		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.521e3		0.250	5.61	5.58	2520.669	32.116	64.2		
62	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.521e3		0.250	5.61	5.58	2520.669	32.116	64.2		
63	71	13C8-PFOS-EIS	507.1 > 80	2.239e3		0.250	5.02	4.99	2238.896	39.713	79.4		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	1.460e4		0.250	6.13	5.88	14599.084	31.253	62.5		
65	-1												
66	36	10:2 FTS	626.9 > 607		7.821e2	0.250	5.87						YES
67	37	PFDoA	612.9 > 569.0		1.460e4	0.250	5.88						YES
68	38	N-MeFOSA	512.1 > 168.9		2.341e3	0.250	5.82						YES
69	39	PFTrDA	662.9 > 618.9		1.460e4	0.250	6.14						YES
70	40	PFDoS	699 > 80		1.479e4	0.250	6.11						YES
71	41	PFTeDA	713.0 > 669.0		1.479e4	0.250	6.31						YES
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	7.821e2		0.250	5.89	5.87	782.117	28.797	57.6		

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-70-72.qld

Last Altered: Tuesday, July 07, 2020 15:04:41 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 15:06:18 Pacific Daylight Time

Name: 200706P1-70, Date: 06-Jul-2020, Time: 22:33:25, ID: B0F0172-BLK1 Method Blank 0.25, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	1.460e4		0.250	6.13	5.88	14599.084	31.253	62.5		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.341e3		0.250	5.72	5.83	2340.662	67.656	11.3		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	1.460e4		0.250	6.13	5.88	14599.084	31.253	62.5		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.479e4		0.250	6.34	6.31	14792.808	31.048	62.1		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.479e4		0.250	6.34	6.31	14792.808	31.048	62.1		
78	-1												
79	42	N-EtFOSA	526.1 > 168.9		1.952e3	0.250	6.18						YES
80	43	PFHxDA	813 > 769		1.466e4	0.250	6.61						YES
81	44	PFODA	913.1 > 868.8		1.466e4	0.250	6.83						
82	45	N-MeFOSE	616.1 > 58.9		5.714e3	0.250	6.33						
83	46	N-EtFOSE	630.1 > 58.9		6.024e3	0.250	6.48						
84	1...	TDCA	498.3>106.9			0.250	4.47						YES
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	1.952e3		0.250	6.21	6.20	1952.207	50.303	8.4		
86	93	13C2-PFHxDA-EIS	815 > 769.7	1.466e4		0.250	6.63	6.61	14658.151	27.793	55.6		
87	93	13C2-PFHxDA-EIS	815 > 769.7	1.466e4		0.250	6.63	6.61	14658.151	27.793	55.6		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	5.714e3		0.250	6.33	6.33	5714.474	169.648	28.4		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	6.024e3		0.250	6.48	6.48	6024.041	162.044	27.2		
90	71	13C8-PFOS-EIS	507.1 > 80	2.239e3		0.250	5.02	4.99	2238.896	39.713	79.4		

Vista Analytical Laboratory L36

Review: AMR 7/9/2020

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-70-72.qld

Last Altered: Tuesday, July 07, 2020 15:04:41 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 15:06:18 Pacific Daylight Time

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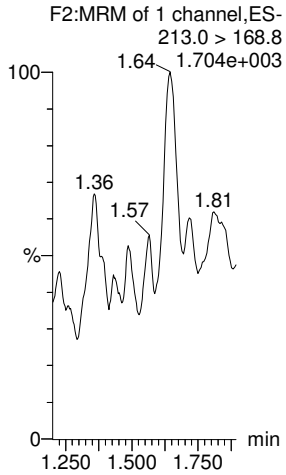
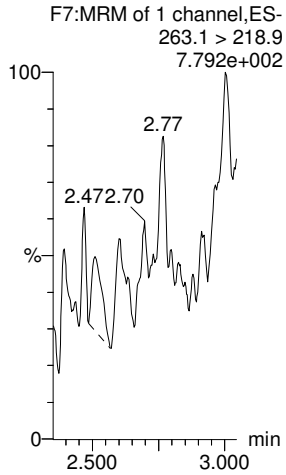


PFPeA



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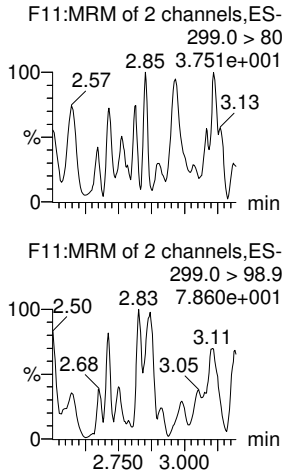

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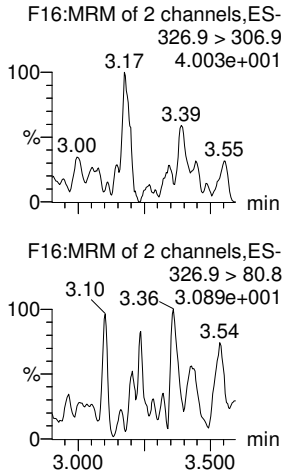
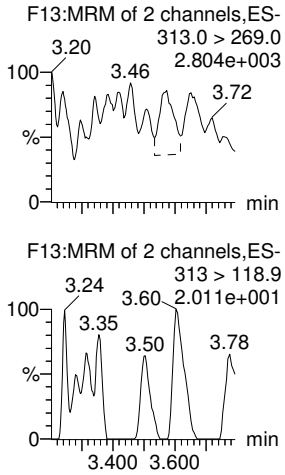


PFHxA



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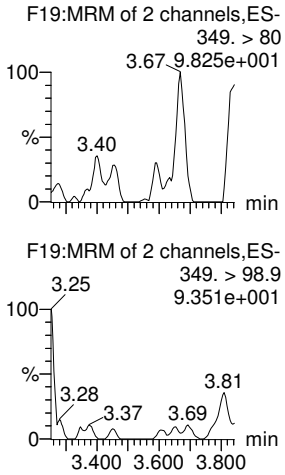

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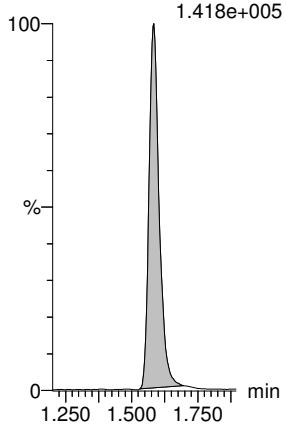

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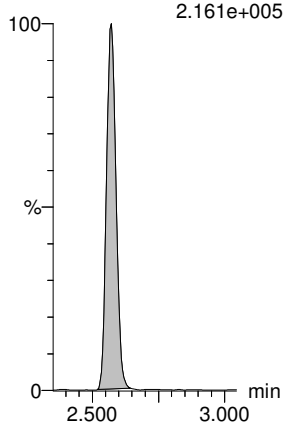

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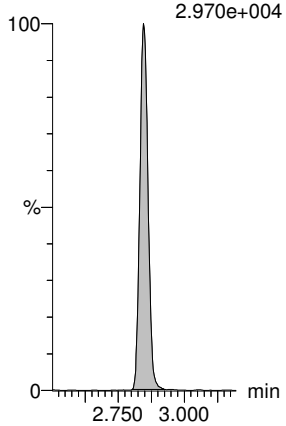

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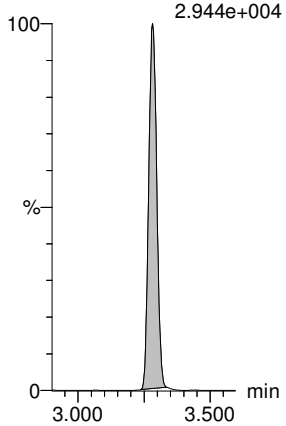

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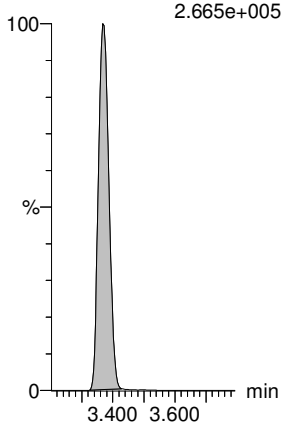

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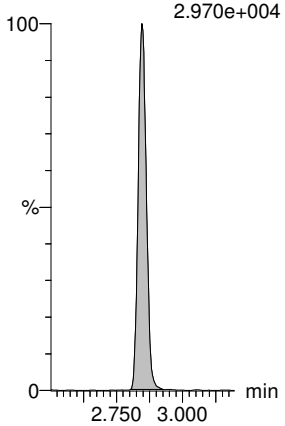

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Printed: Tuesday, July 07, 2020 15:06:18 Pacific Daylight Time

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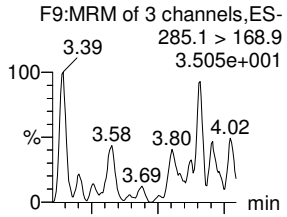

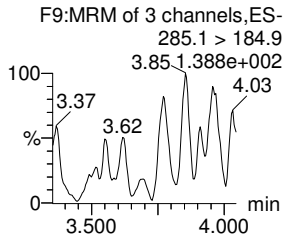

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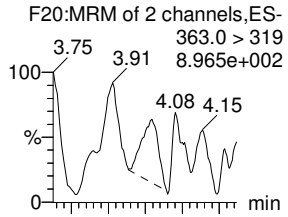
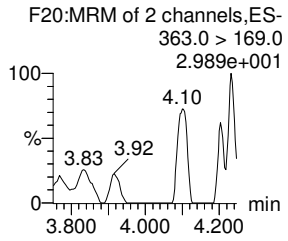
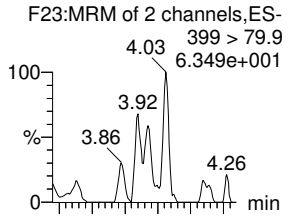
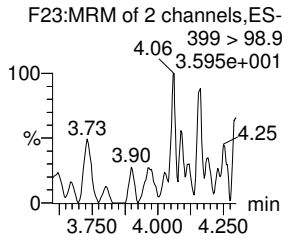


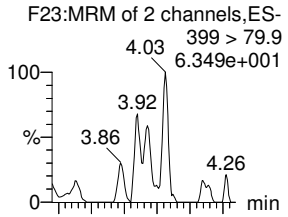


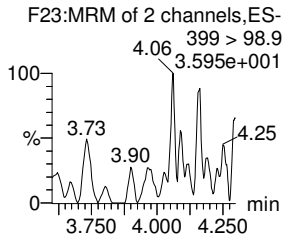
L-PFHxS





Total PFHxS





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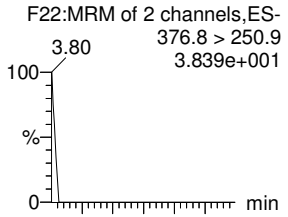
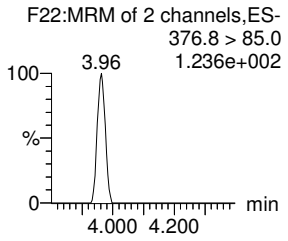
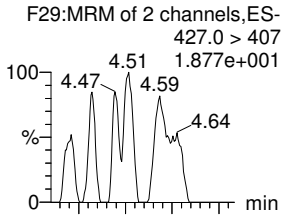
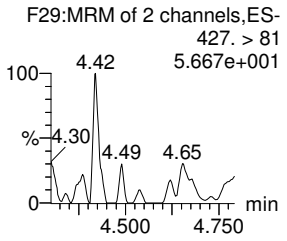




6:2 FTS





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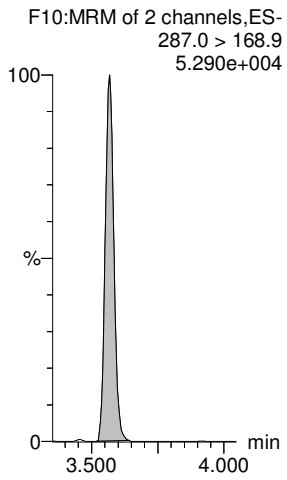

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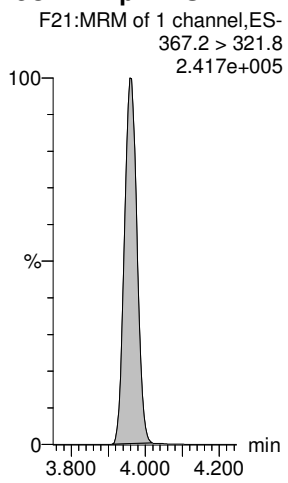

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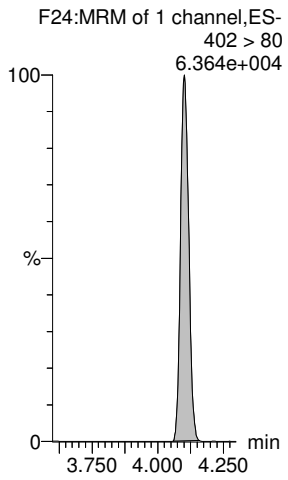

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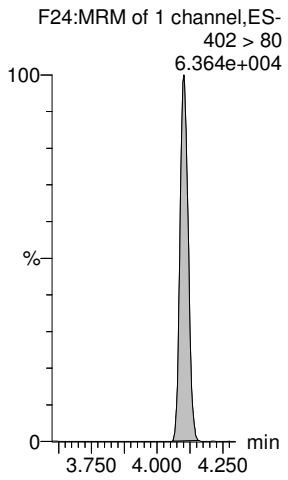

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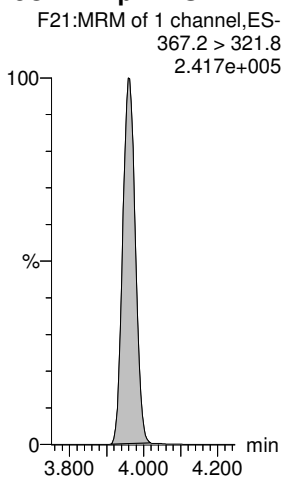
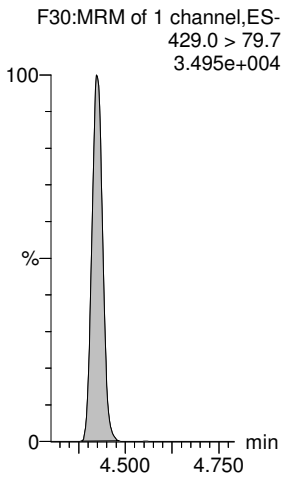


13C2-6:2 FTS-EIS



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Name: 200706P1-70, Date: 06-Jul-2020, Time: 22:33:25, ID: B0F0172-BLK1 Method Blank 0.25, Description: Method Blank

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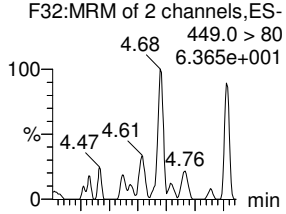

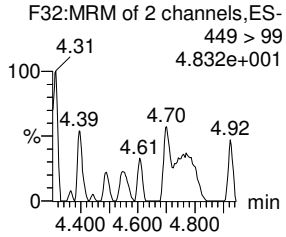

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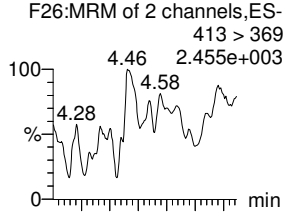

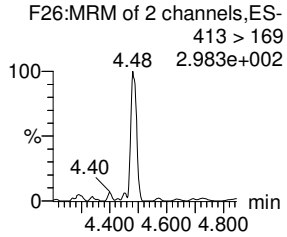

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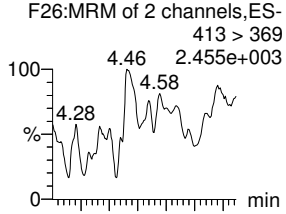

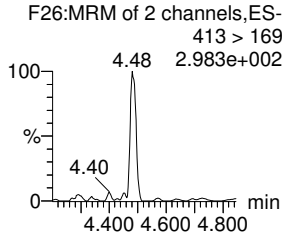

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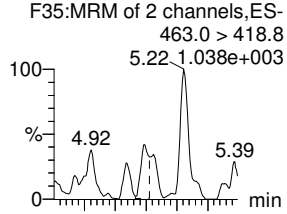

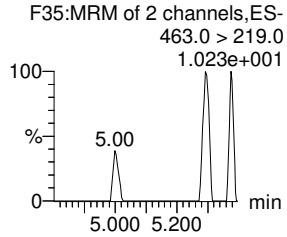

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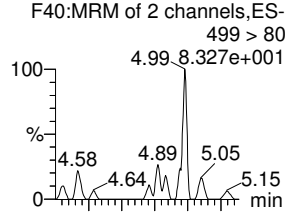

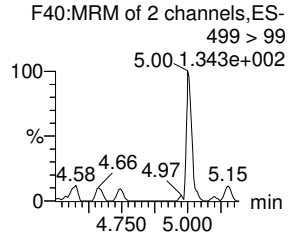

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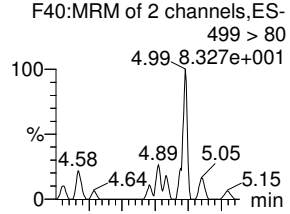

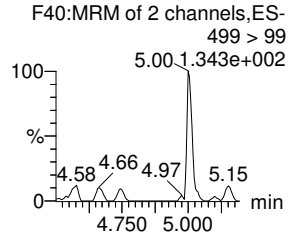

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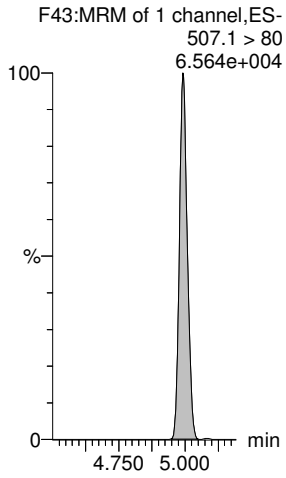

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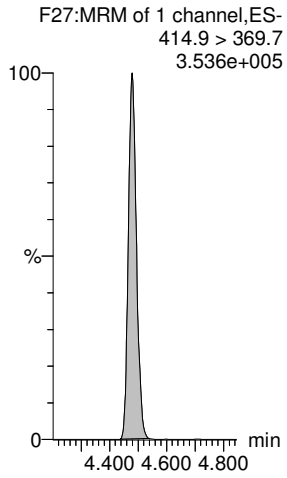

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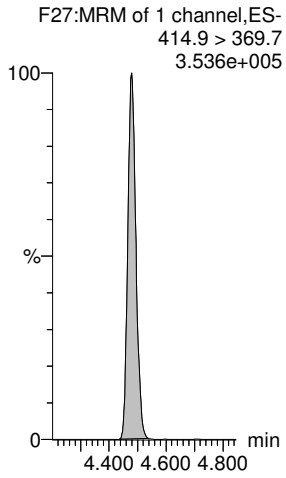

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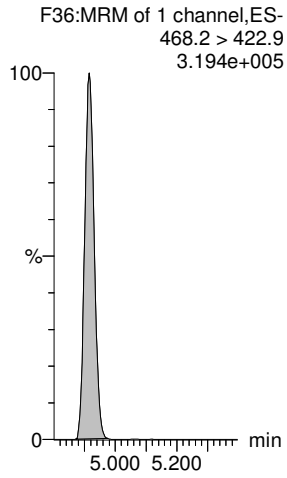

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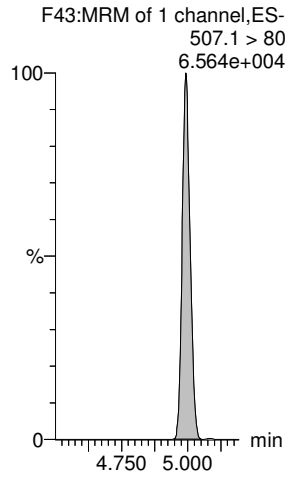

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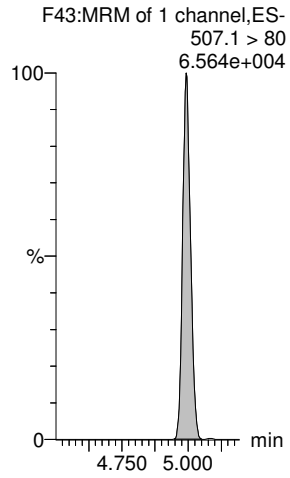

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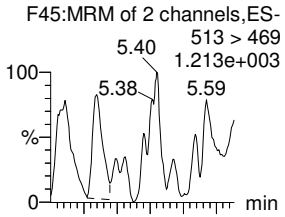
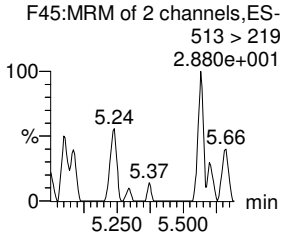
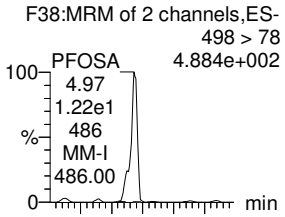
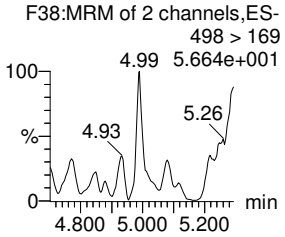


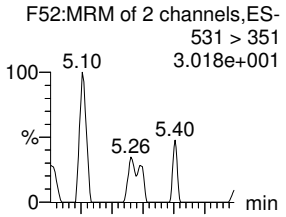


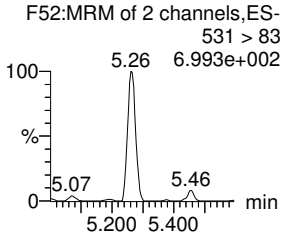
PFOSA



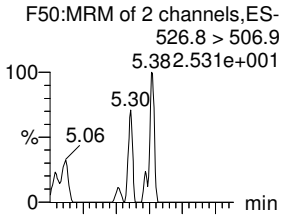


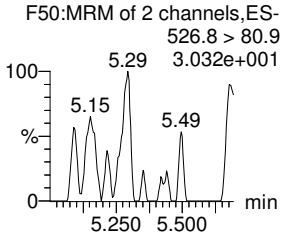
9Cl-PF30NS





8:2 FTS





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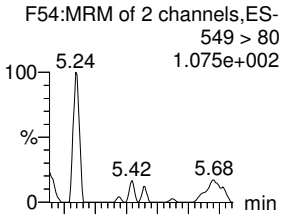

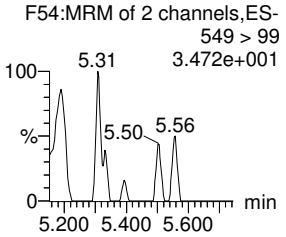

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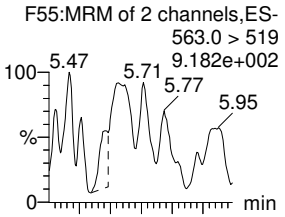
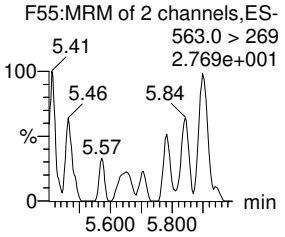
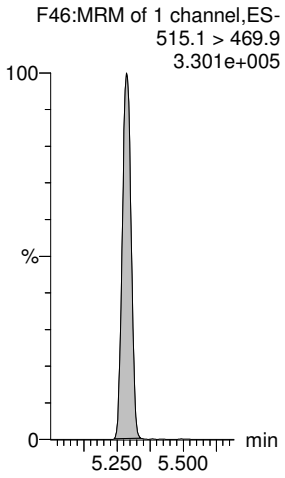
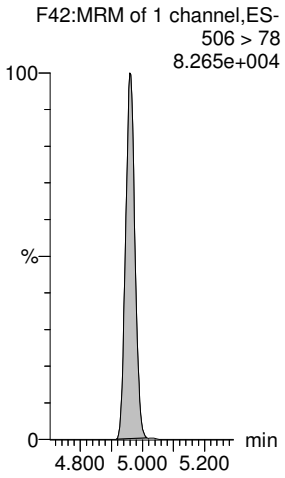




13C2-PFDA-EIS



13C8-PFOSA-EIS



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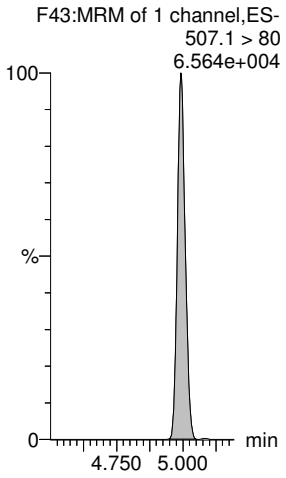
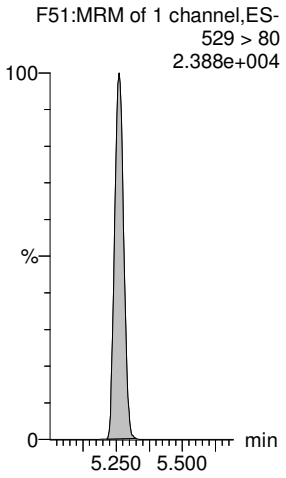


13C2-8:2 FTS-EIS



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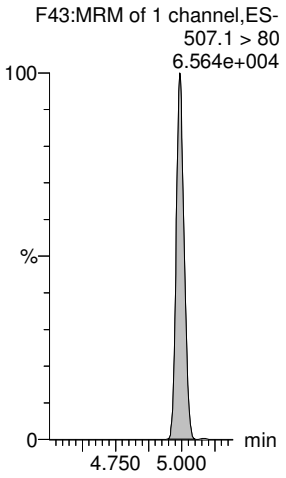
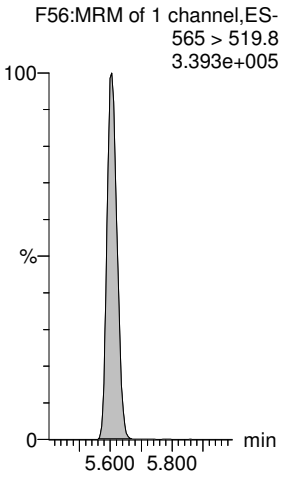


13C2-PFUdA-EIS



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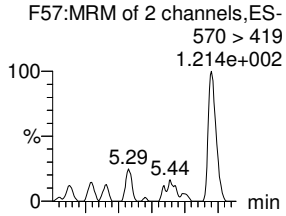

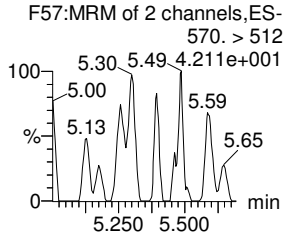

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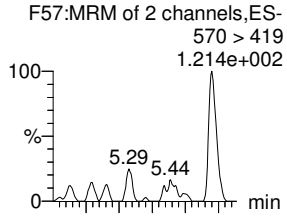

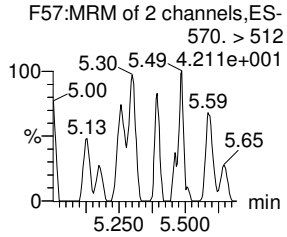

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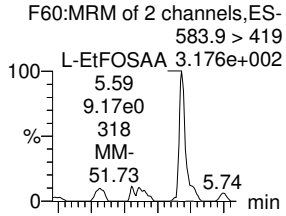

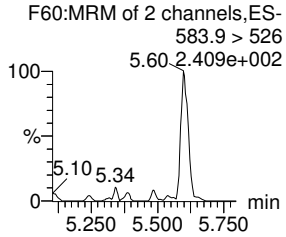

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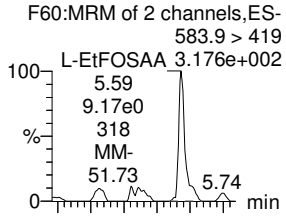

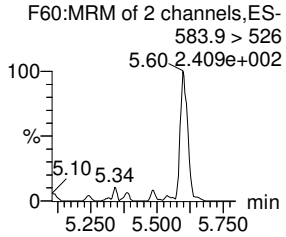

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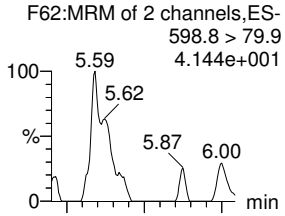
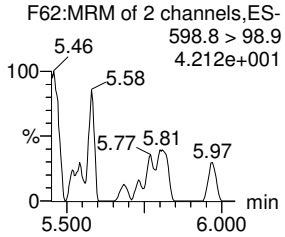
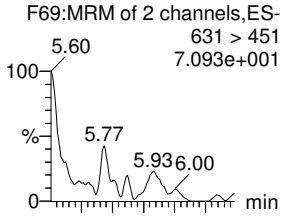
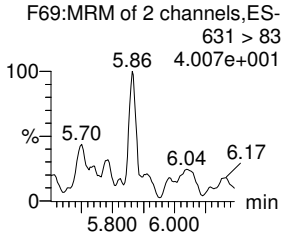




11Cl-PF30UdS





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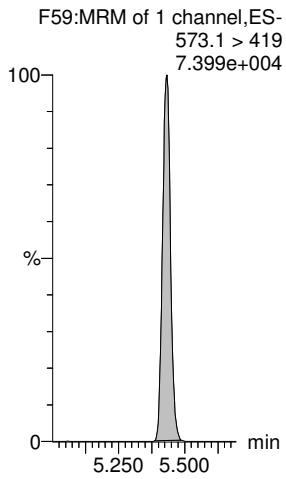

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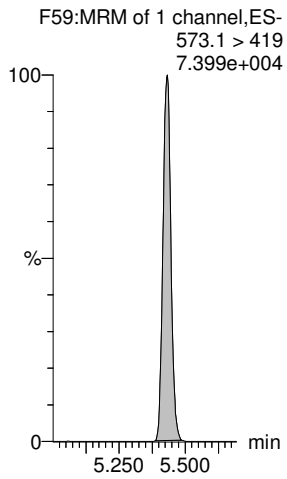

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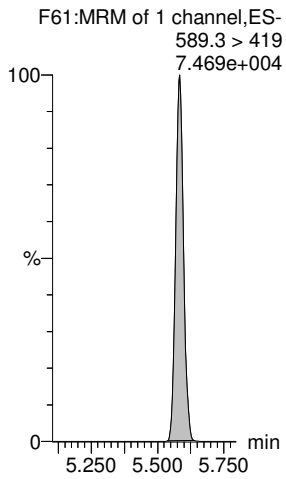

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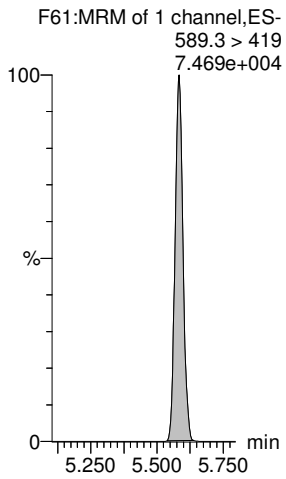
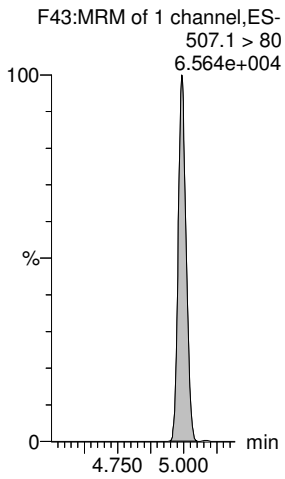
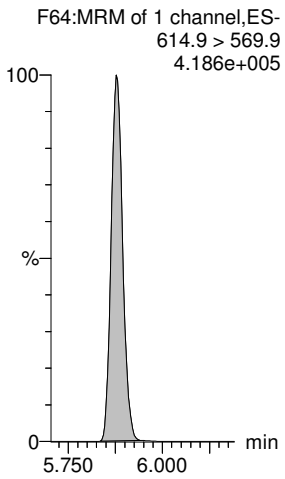


13C8-PFOS-EIS



13C2-PFDoA-EIS



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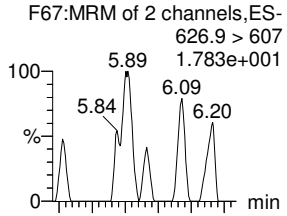
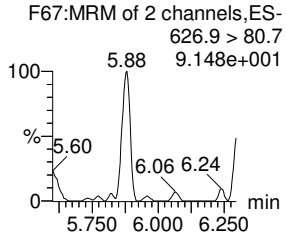
10:2 FTS





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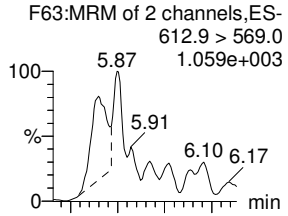
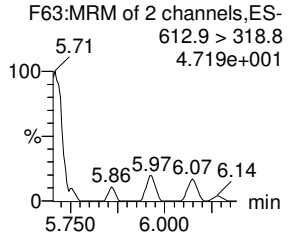
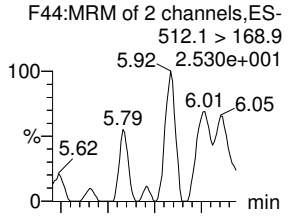
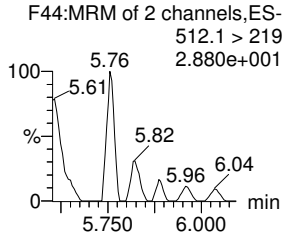




N-MeFOSA





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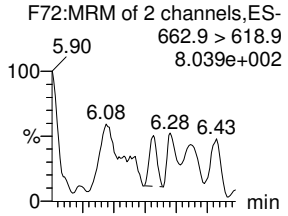

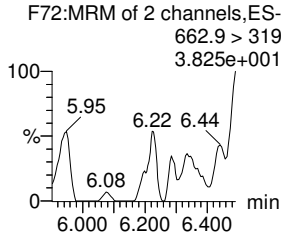

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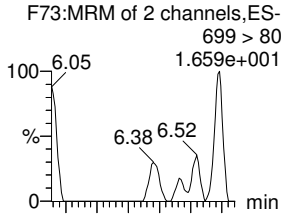

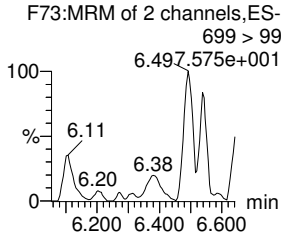

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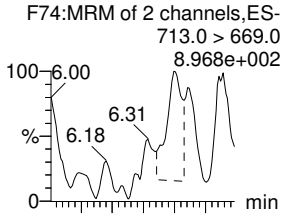
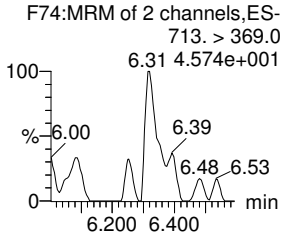
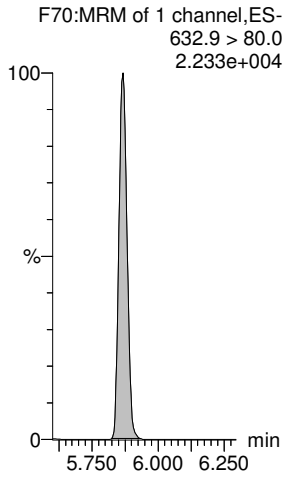




13C2-10:2 FTS-EIS



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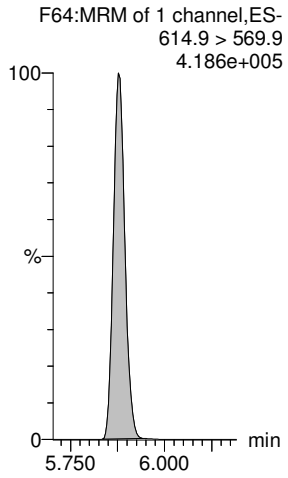
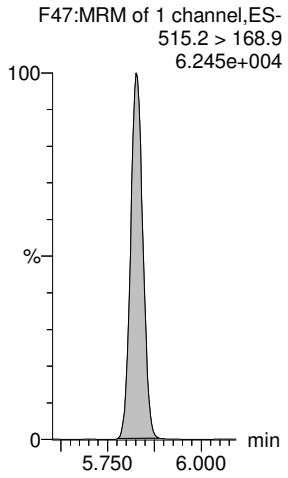


d3-N-MeFOSA-EIS



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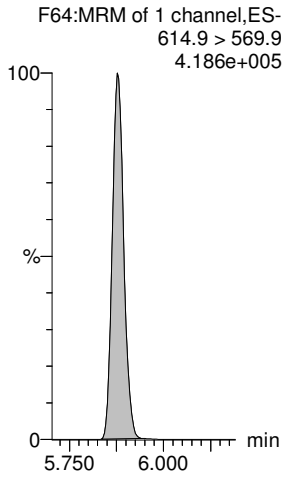

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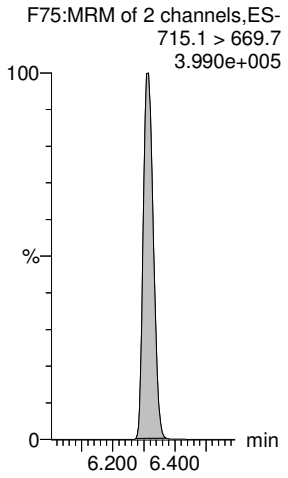

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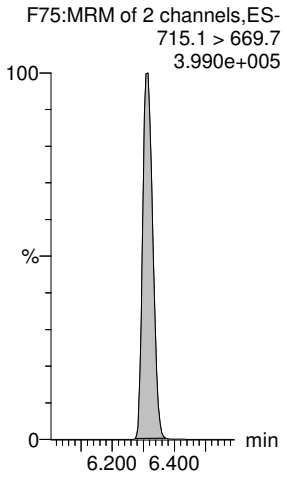

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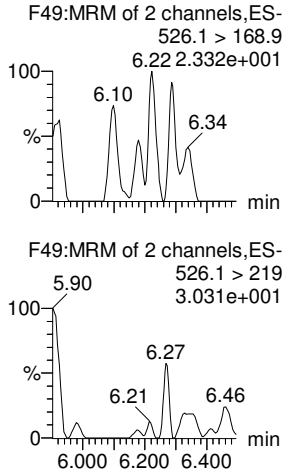
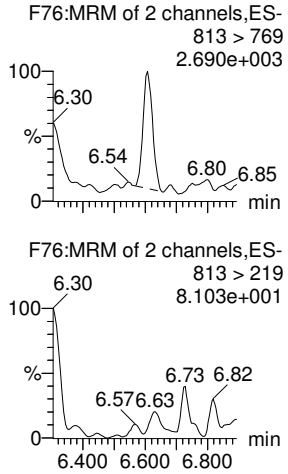
N-EtFOSA



PFHxDA



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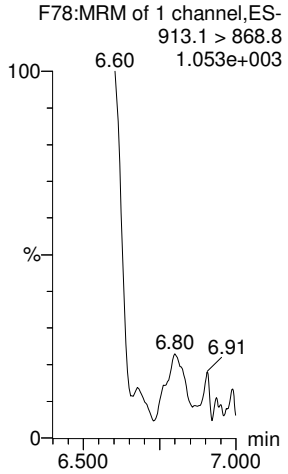

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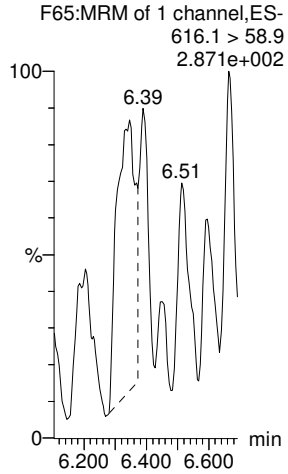

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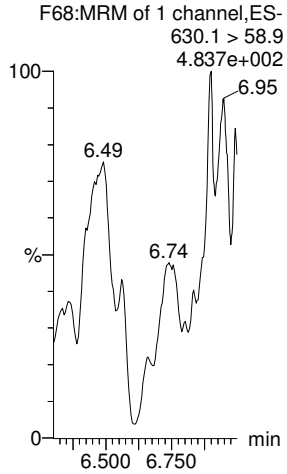

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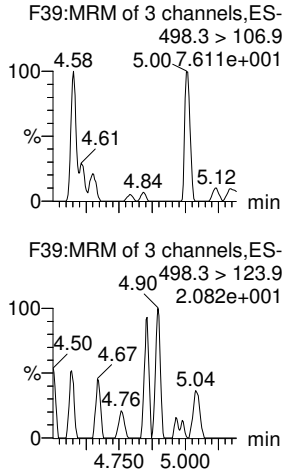
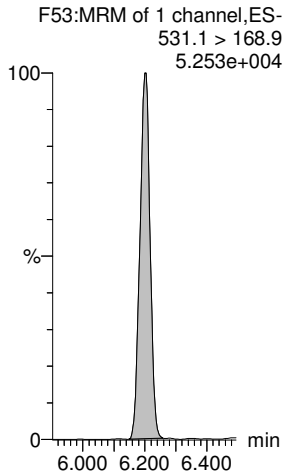
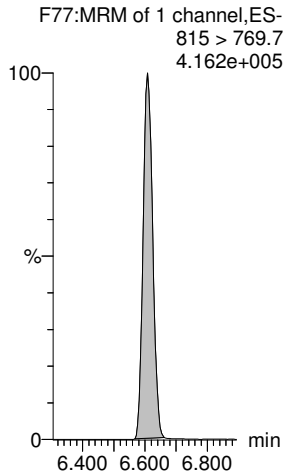


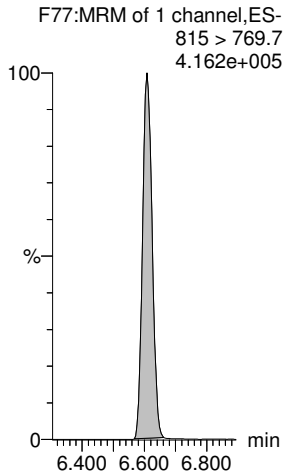
d5-N-ETFOSA-EIS



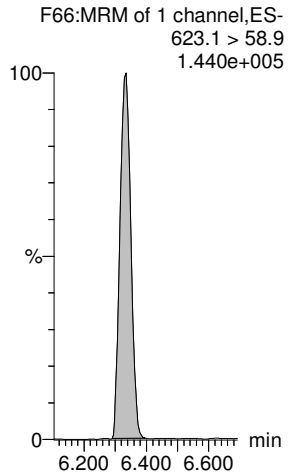
13C2-PFHxDA-EIS



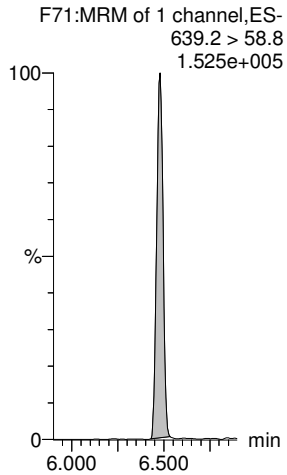
13C2-PFHxDA-EIS



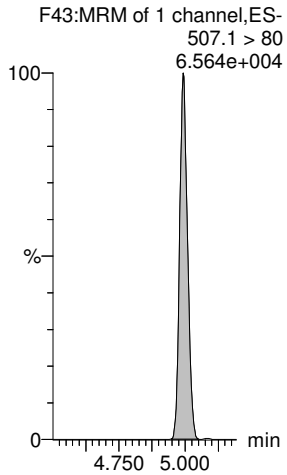
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



Vista Analytical Laboratory L24

OC 7/10/2020

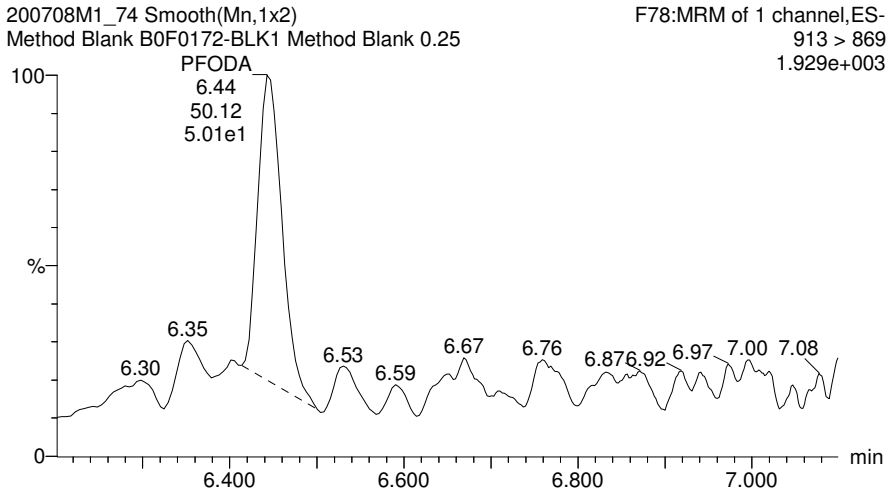
Dataset: Z:\Projects\PFAS.PRO\Results\200708M1\200708M1-74.qld

Last Altered: Friday, July 10, 2020 14:42:34 Pacific Daylight Time
Printed: Friday, July 10, 2020 14:43:27 Pacific Daylight Time

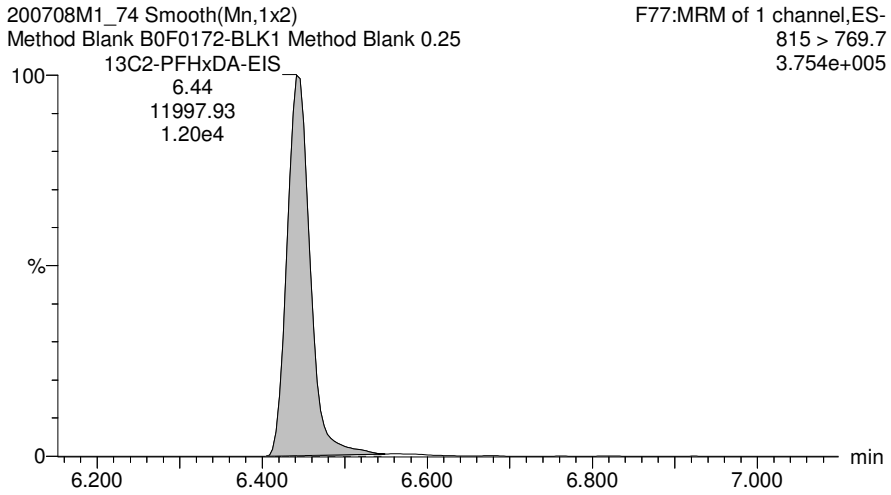
Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

Name: 200708M1_74, Date: 09-Jul-2020, Time: 03:32:11, ID: B0F0172-BLK1 Method Blank 0.25, Description: Method Blank

PFODA



13C2-PFHxDA-EIS



	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	44	PFODA	913 > 869		1.200e4	0.250		6.65						
2	95	13C2-PFHxDA-EIS	815 > 769.7	1.200e4		0.250	1990.809	6.45	6.44	12000	24.107	48.2		

AMR 7/10/2020

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-71.qld

Last Altered: Wednesday, July 08, 2020 09:27:47 Pacific Daylight Time
Printed: Wednesday, July 08, 2020 09:28:50 Pacific Daylight Time

Name: 200706P1-71, Date: 06-Jul-2020, Time: 22:43:54, ID: B0F0172-BS1 OPR 0.25, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	1.205e3	6.964e3	0.250	1.58	1.58	2.162	8.217	102.7		
2	4	PFPeA	263.1 > 218.9	1.470e3	9.728e3	0.250	2.57	2.57	1.888	8.137	101.7		
3	5	PFBS	299.0 > 80	4.650e2	1.178e3	0.250	2.85	2.85	4.936	7.700	96.2	2.599	NO
4	6	4:2 FTS	326.9 > 306.9	4.418e2	1.141e3	0.250	3.28	3.28	4.839	6.907	86.3	12.423	NO
5	7	PFHxA	313.0 > 269.0	2.038e3	1.057e4	0.250	3.37	3.37	2.411	9.021	112.8	14.848	NO
6	8	PFPeS	349.>80	4.011e2	1.178e3	0.250	3.76	3.55	4.258	8.184	102.3	2.217	NO
7	47	13C3-PFBA-EIS	216.1 > 171.8	6.964e3		0.250	1.63	1.58	6964.126	40.393	80.8		
8	49	13C3-PFPeA-EIS	266.0 > 221.8	9.728e3		0.250	2.76	2.57	9728.187	40.466	80.9		
9	51	13C3-PFBS-EIS	302.0 > 98.9	1.178e3		0.250	2.87	2.85	1177.554	45.289	90.6		
10	55	13C2-4:2 FTS-EIS	329.0 >80.8	1.141e3		0.250	3.31	3.28	1141.259	45.242	90.5		
11	57	13C2-PFHxA-EIS	315.0 > 270.0	1.057e4		0.250	3.38	3.37	10567.361	38.767	77.5		
12	51	13C3-PFBS-EIS	302.0 > 98.9	1.178e3		0.250	2.87	2.85	1177.554	45.289	90.6		
13	-1												
14	9	HFPO-DA	285.1 > 168.9	3.769e2	2.327e3	0.250	3.56	3.56	2.024	8.091	101.1	2.441	NO
15	11	PFHpA	363.0 > 319	2.014e3	1.041e4	0.250	3.96	3.96	2.418	7.330	91.6	47.846	NO
16	13	L-PFHxS	399 > 79.9	4.059e2	2.501e3	0.250	4.10	4.10	2.029	7.146	89.3	4.319	NO
17	1...	Total PFHxS	399 > 79.9	4.059e2	2.501e3	0.250	3.93		2.029	7.146			
18	12	ADONA	376.8 > 250.9	3.128e3	1.041e4	0.250	4.06	4.07	3.757	6.786	84.8	5.112	NO
19	15	6:2 FTS	427.0 > 407	2.337e2	1.358e3	0.250	4.42	4.42	2.151	7.506	93.8	0.761	NO
20	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2.327e3		0.250	3.59	3.56	2327.275	40.783	81.6		
21	59	13C4-PFHpA-EIS	367.2 > 321.8	1.041e4		0.250	3.98	3.96	10409.145	42.350	84.7		
22	61	13C3-PFHxS-EIS	402 > 80	2.501e3		0.250	4.13	4.10	2500.715	45.444	90.9		
23	61	13C3-PFHxS-EIS	402 > 80	2.501e3		0.250	4.13	4.10	2500.715	45.444	90.9		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	1.041e4		0.250	3.98	3.96	10409.145	42.350	84.7		
25	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.358e3		0.250	4.45	4.42	1357.835	42.188	84.4		
26	-1												
27	19	PFHpS	449.0 > 80	3.347e2	2.403e3	0.250	4.53	4.59	1.741	7.130	89.1	1.512	NO
28	16	L-PFOA	413 > 369	2.207e3	1.190e4	0.250	4.48	4.48	2.318	8.015	100.2	3.453	NO
29	1...	Total PFOA	413 > 369	2.207e3	1.190e4	0.250	4.60		2.318	8.015			
30	21	PFNA	463.0 > 418.8	2.226e3	1.268e4	0.250	4.91	4.91	2.195	7.790	97.4	15.333	NO
31	23	L-PFOS	499 > 80	3.964e2	2.403e3	0.250	4.99	4.99	2.062	6.745	84.3	2.244	NO
32	1...	Total PFOS	499> 80	3.964e2	2.403e3	0.250	4.60		2.062	6.745			
33	71	13C8-PFOS-EIS	507.1 > 80	2.403e3		0.250	5.02	4.99	2403.223	42.627	85.3		
34	69	13C2-PFOA-EIS	414.9 > 369.7	1.190e4		0.250	4.67	4.48	11898.740	41.228	82.5		
35	69	13C2-PFOA-EIS	414.9 > 369.7	1.190e4		0.250	4.67	4.48	11898.740	41.228	82.5		
36	65	13C5-PFNA-EIS	468.2 > 422.9	1.268e4		0.250	5.13	4.91	12680.508	41.811	83.6		

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-71.qld

Last Altered: Wednesday, July 08, 2020 09:27:47 Pacific Daylight Time
Printed: Wednesday, July 08, 2020 09:28:50 Pacific Daylight Time

Name: 200706P1-71, Date: 06-Jul-2020, Time: 22:43:54, ID: B0F0172-BS1 OPR 0.25, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2.403e3		0.250	5.02	4.99	2403.223	42.627	85.3		
38	71	13C8-PFOS-EIS	507.1 > 80	2.403e3		0.250	5.02	4.99	2403.223	42.627	85.3		
39	-1												
40	26	PFDA	513 > 469	2.054e3	1.430e4	0.250	5.29	5.29	1.795	8.279	103.5	5.889	NO
41	22	PFOSA	498 > 78	3.288e2	3.123e3	0.250	4.96	4.96	1.316	7.598	95.0	22.885	NO
42	25	9Cl-PF30NS	531 > 351	1.019e3	2.403e3	0.250	5.21	5.20	5.302	7.422	92.8	232.462	YES
43	27	8:2 FTS	526.8 > 506.9	2.469e2	1.166e3	0.250	5.26	5.27	2.646	7.980	99.8	0.770	NO
44	28	PFNS	549 > 80	3.752e2	2.403e3	0.250	5.35	5.35	1.952	6.142	76.8	2.486	NO
45	33	PFUdA	563.0 > 519	2.168e3	1.336e4	0.250	5.60	5.60	2.029	7.307	91.3	21.753	NO
46	73	13C2-PFDA-EIS	515.1 > 469.9	1.430e4		0.250	5.31	5.29	14304.961	38.365	76.7		
47	67	13C8-PFOSA-EIS	506 > 78	3.123e3		0.250	4.99	4.96	3123.004	21.863	43.7		
48	71	13C8-PFOS-EIS	507.1 > 80	2.403e3		0.250	5.02	4.99	2403.223	42.627	85.3		
49	75	13C2-8:2 FTS-EIS	529 > 80	1.166e3		0.250	5.29	5.26	1166.004	42.265	84.5		
50	71	13C8-PFOS-EIS	507.1 > 80	2.403e3		0.250	5.02	4.99	2403.223	42.627	85.3		
51	79	13C2-PFUdA-EIS	565 > 519.8	1.336e4		0.250	5.54	5.60	13355.494	33.783	67.6		
52	-1												
53	29	L-MeFOSAA	570 > 419	5.177e2	2.884e3	0.250	5.43	5.43	2.244	7.517	94.0	1.874	NO
54	1...	Total N-MeFOSAA	570. > 419	5.177e2	2.884e3	0.250	5.19		2.244	7.517			
55	31	L-EtFOSAA	583.9 > 419	6.018e2	2.739e3	0.250	5.58	5.58	2.746	8.051	100.6	1.328	NO
56	1...	Total N-EtFOSAA	583.9 > 419	6.018e2	2.739e3	0.250	5.37		2.746	8.051			
57	34	PFDS	598.8 >79.9	4.273e2	2.403e3	0.250	5.75	5.64	2.223	7.281	91.0	2.356	NO
58	35	11Cl-PF30UdS	631 > 451	7.151e2	1.569e4	0.250	5.81	5.80	0.570	8.714	108.9	15.664	NO
59	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.884e3		0.250	5.46	5.43	2883.553	34.829	69.7		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.884e3		0.250	5.46	5.43	2883.553	34.829	69.7		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.739e3		0.250	5.61	5.58	2739.110	34.900	69.8		
62	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.739e3		0.250	5.61	5.58	2739.110	34.900	69.8		
63	71	13C8-PFOS-EIS	507.1 > 80	2.403e3		0.250	5.02	4.99	2403.223	42.627	85.3		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	1.569e4		0.250	6.13	5.88	15687.504	33.583	67.2		
65	-1												
66	36	10:2 FTS	626.9 > 607	2.445e2	7.825e2	0.250	5.87	5.87	3.906	8.244	103.0	1.027	NO
67	37	PFDoA	612.9 > 569.0	2.423e3	1.569e4	0.250	5.88	5.88	1.930	7.837	98.0	12.068	NO
68	38	N-MeFOSA	512.1 > 168.9	1.938e2	2.629e3	0.250	5.82	5.81	10.998	39.029	97.6	2.471	NO
69	39	PFTrDA	662.9 > 618.9	2.500e3	1.569e4	0.250	6.14	6.12	1.992	7.630	95.4	78.928	NO
70	40	PFDoS	699 > 80	4.527e2	1.532e4	0.250	6.11	6.13	0.369	8.759	109.5	2.363	NO
71	41	PFTeDA	713.0 > 669.0	1.533e3	1.532e4	0.250	6.31	6.31	1.251	7.129	89.1	13.279	NO
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	7.825e2		0.250	5.89	5.87	782.529	28.813	57.6		

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-71.qld

Last Altered: Wednesday, July 08, 2020 09:27:47 Pacific Daylight Time
Printed: Wednesday, July 08, 2020 09:28:50 Pacific Daylight Time

Name: 200706P1-71, Date: 06-Jul-2020, Time: 22:43:54, ID: B0F0172-BS1 OPR 0.25, Description: OPR

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	1.569e4		0.250	6.13	5.88	15687.504	33.583	67.2		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.629e3		0.250	5.72	5.83	2628.945	75.989	12.7		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	1.569e4		0.250	6.13	5.88	15687.504	33.583	67.2		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.532e4		0.250	6.34	6.31	15323.237	32.161	64.3		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.532e4		0.250	6.34	6.31	15323.237	32.161	64.3		
78	-1												
79	42	N-EtFOSA	526.1 > 168.9	1.634e2	2.370e3	0.250	6.18	6.19	10.286	35.780	89.5	2.224	NO
80	43	PFHxDA	813 > 769	2.321e3	1.361e4	0.250	6.61	6.61	2.132	7.629	95.4	33.663	NO
81	44	PFODA	913.1 > 868.8	8.727e2	1.361e4	0.250	6.82	6.82	0.802	3.813	47.7		
82	45	N-MeFOSE	616.1 > 58.9	4.482e2	6.011e3	0.250	6.33	6.34	11.124	39.106	97.8		
83	46	N-EtFOSE	630.1 > 58.9	4.553e2	6.858e3	0.250	6.48	6.48	9.904	38.088	95.2		
84	1...	TDCA	498.3>106.9			0.250	4.47						YES
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.370e3		0.250	6.21	6.20	2370.478	61.081	10.2		
86	93	13C2-PFHxDA-EIS	815 > 769.7	1.361e4		0.250	6.63	6.61	13605.013	25.796	51.6		
87	93	13C2-PFHxDA-EIS	815 > 769.7	1.361e4		0.250	6.63	6.61	13605.013	25.796	51.6		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	6.011e3		0.250	6.33	6.33	6011.282	178.459	29.9		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	6.858e3		0.250	6.48	6.48	6857.944	184.475	30.9		
90	71	13C8-PFOS-EIS	507.1 > 80	2.403e3		0.250	5.02	4.99	2403.223	42.627	85.3		

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Review: AMR 7/9/2020

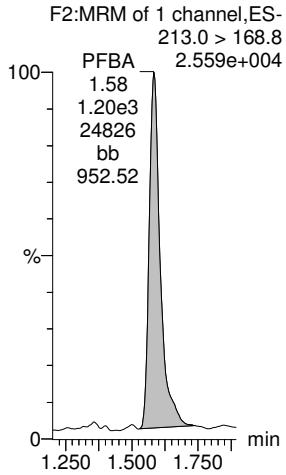
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-71.qld

Last Altered: Wednesday, July 08, 2020 09:27:47 Pacific Daylight Time
Printed: Wednesday, July 08, 2020 09:28:50 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_070620.mdb 07 Jul 2020 08:33:50
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_07-06-20.cdb 07 Jul 2020 09:00:31

Name: 200706P1-71, Date: 06-Jul-2020, Time: 22:43:54, ID: B0F0172-BS1 OPR 0.25, Description: OPR

PFBA



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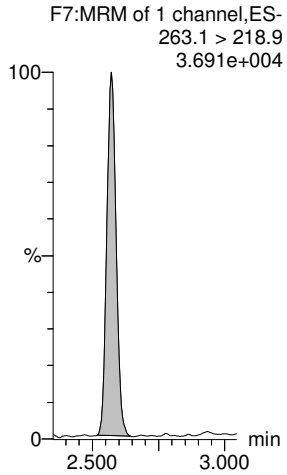
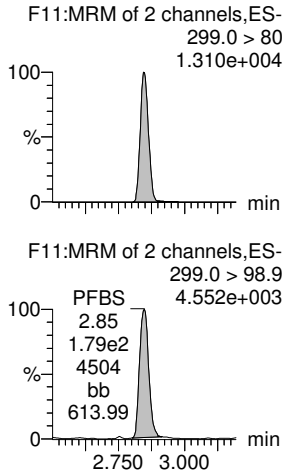
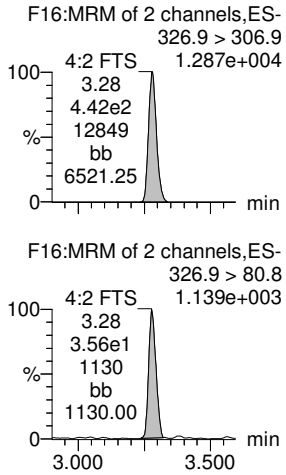


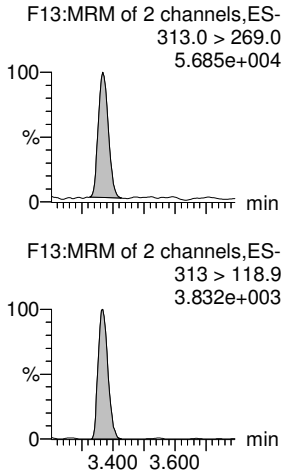
PFBS



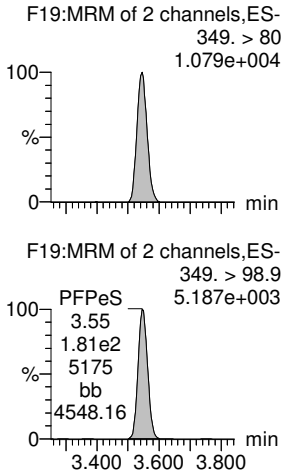
4:2 FTS



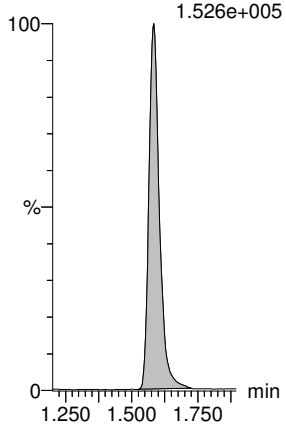
PFHxA



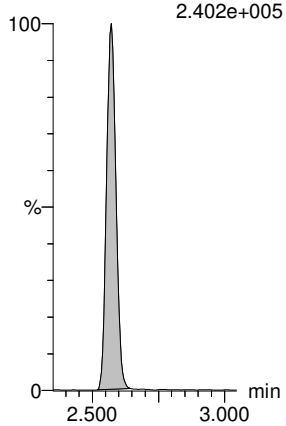
PFPeS



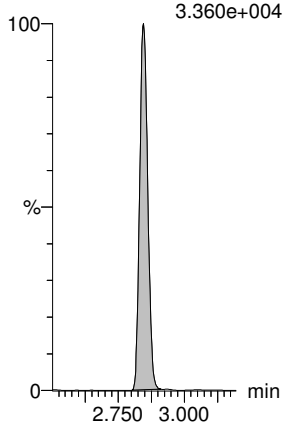
13C3-PFBA-EIS



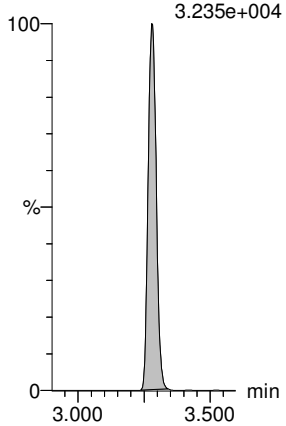
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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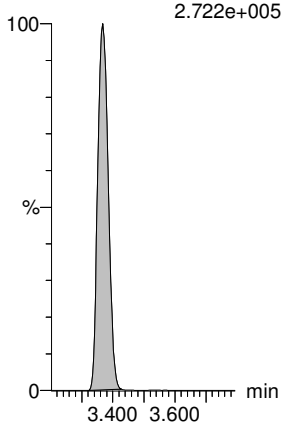

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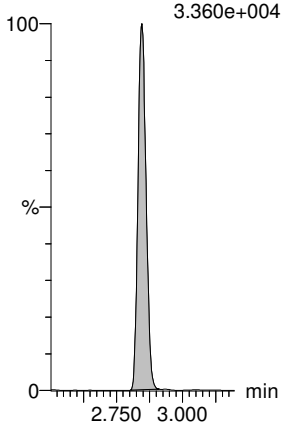

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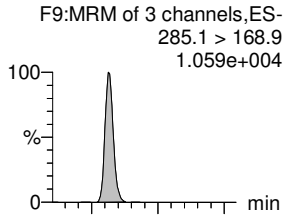
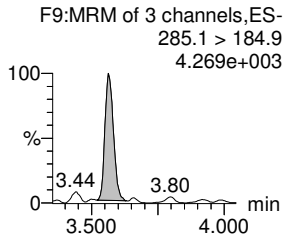
Name: 200706P1-71, Date: 06-Jul-2020, Time: 22:43:54, ID: B0F0172-BS1 OPR 0.25, Description: OPR

HFPO-DA





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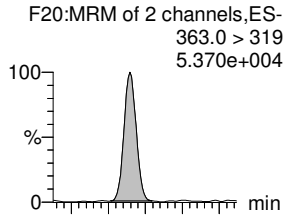

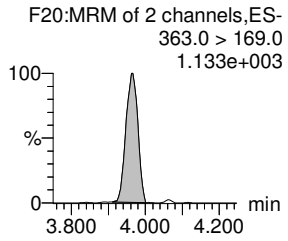

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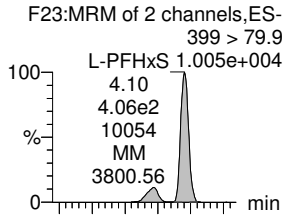
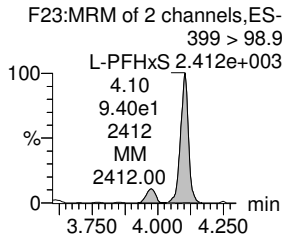
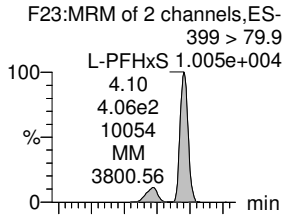
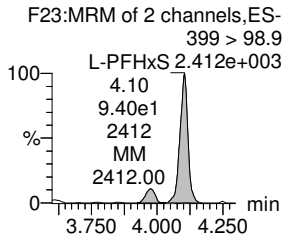




Total PFHxS





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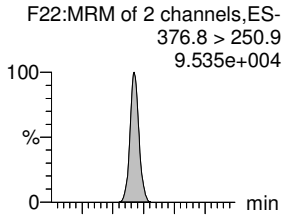
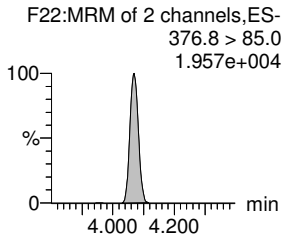
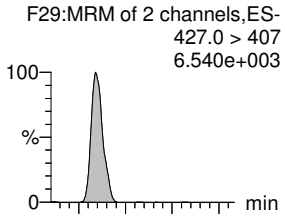
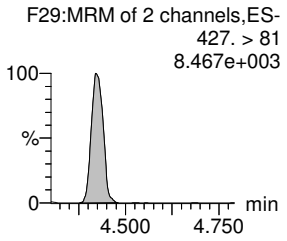




6:2 FTS





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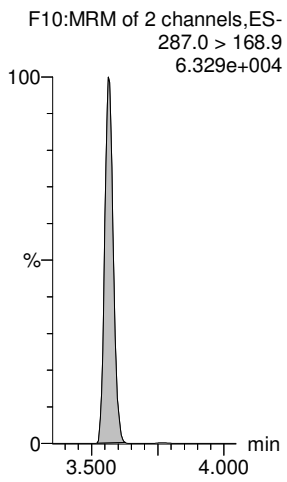

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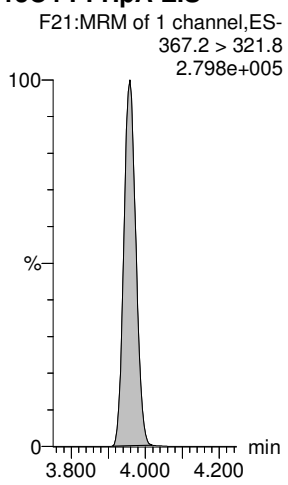

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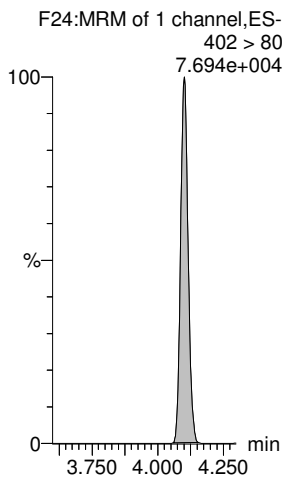

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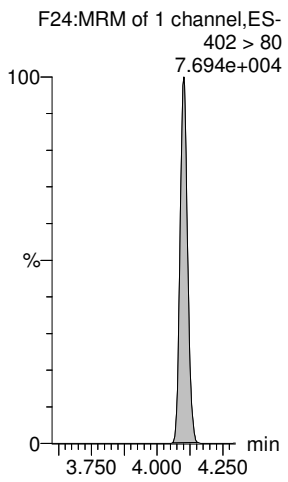

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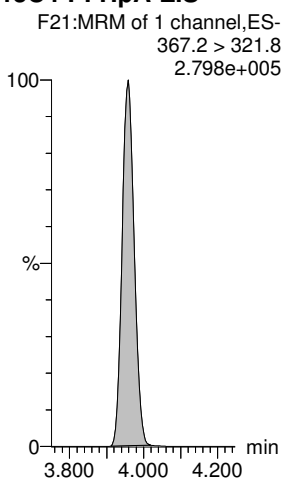
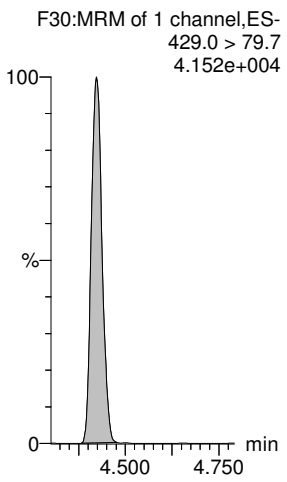


13C2-6:2 FTS-EIS



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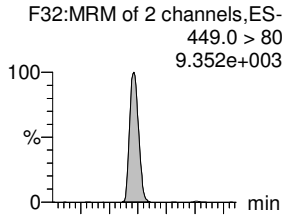
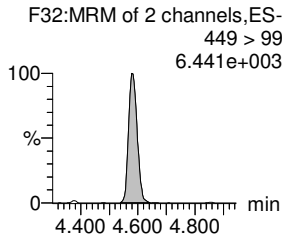
PFHpS





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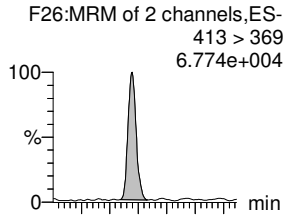

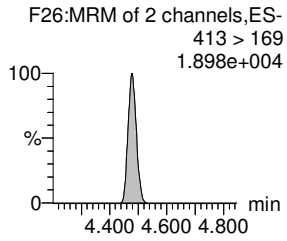

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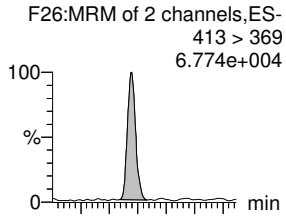

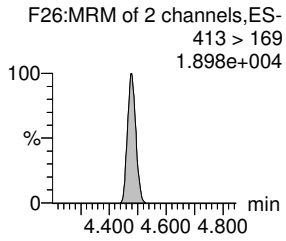

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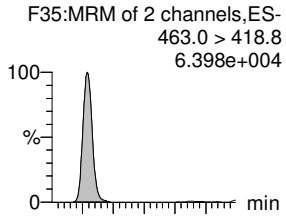
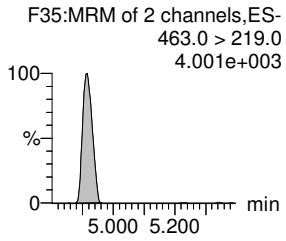
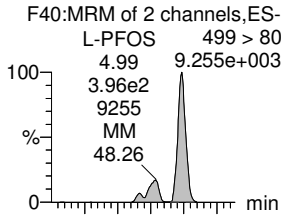
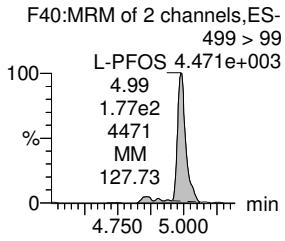




L-PFOS





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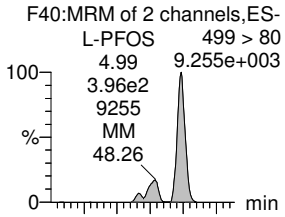
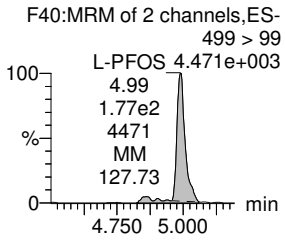
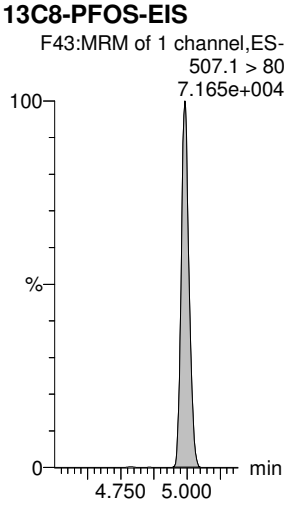
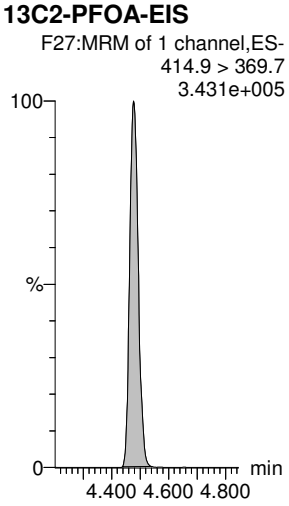




13C8-PFOS-EIS



13C2-PFOA-EIS



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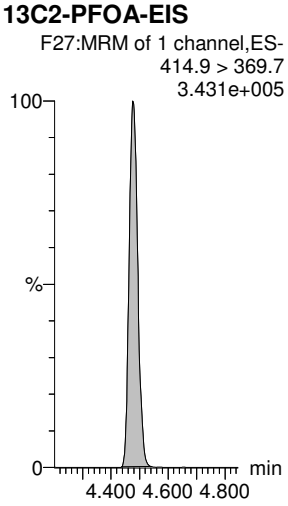

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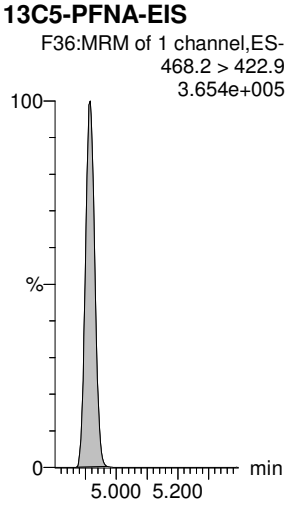

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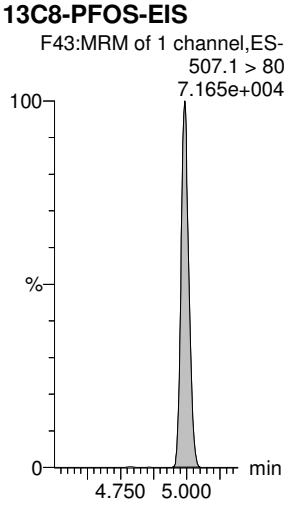

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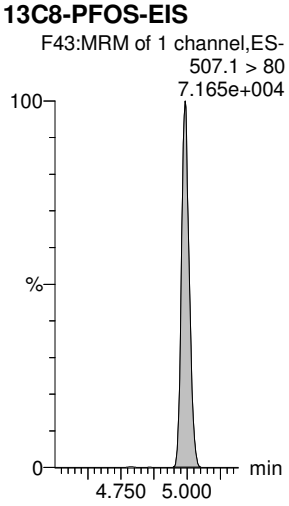

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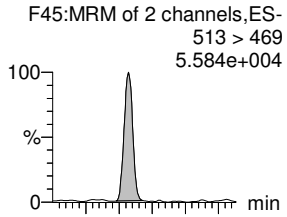
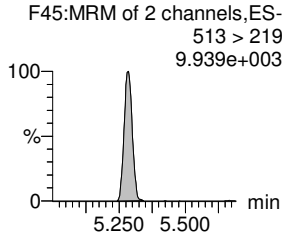
PFDA





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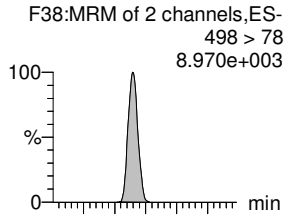

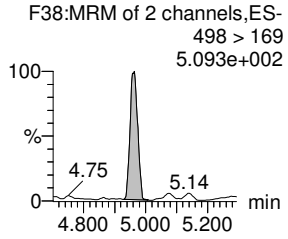

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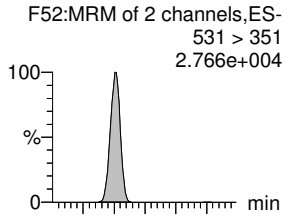
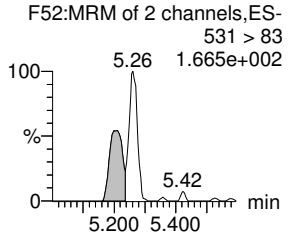
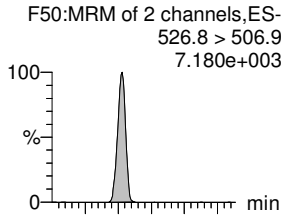
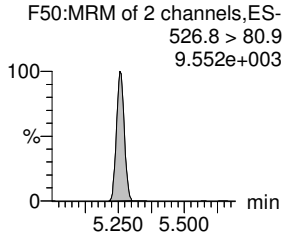




8:2 FTS





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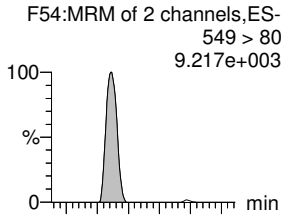

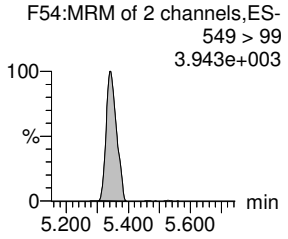

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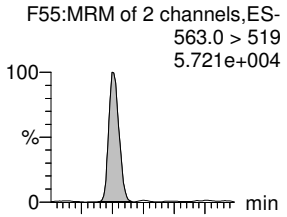

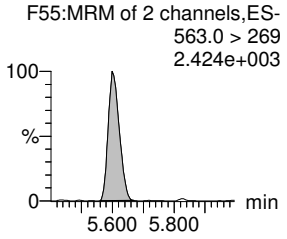

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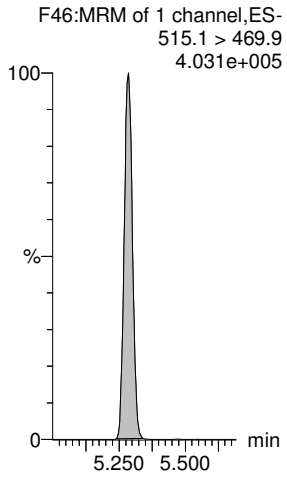

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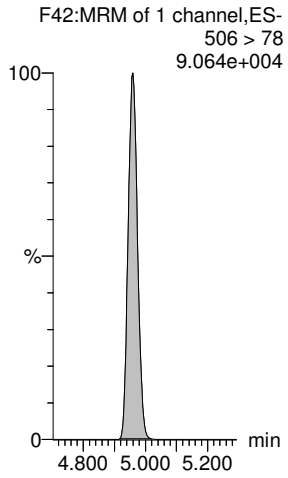

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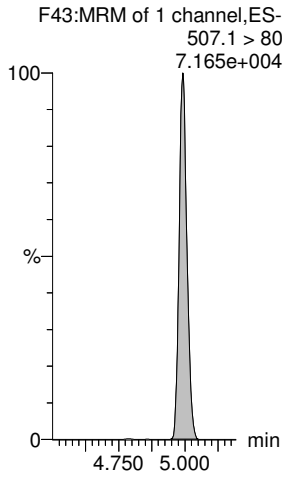
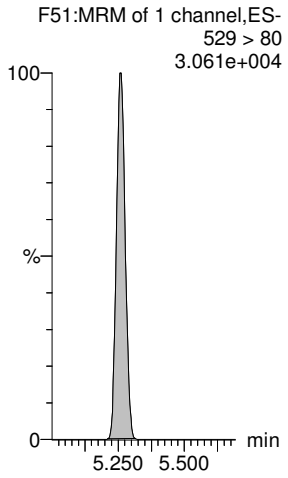


13C2-8:2 FTS-EIS



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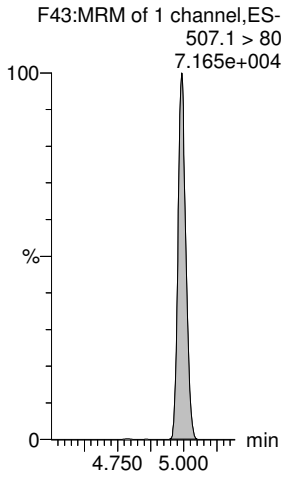
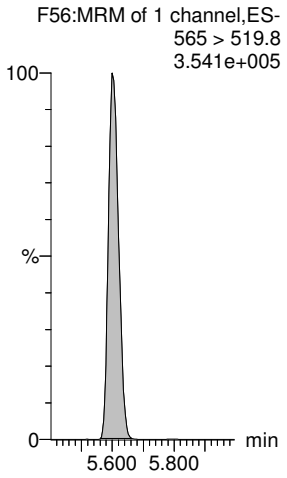


13C2-PFUdA-EIS



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Printed: Wednesday, July 08, 2020 09:28:50 Pacific Daylight Time

Name: 200706P1-71, Date: 06-Jul-2020, Time: 22:43:54, ID: B0F0172-BS1 OPR 0.25, Description: OPR

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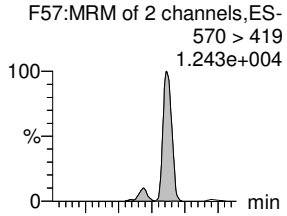

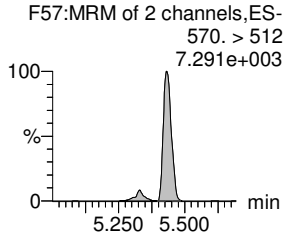

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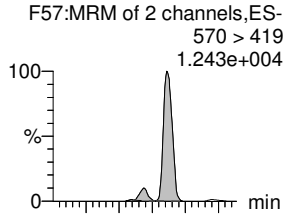

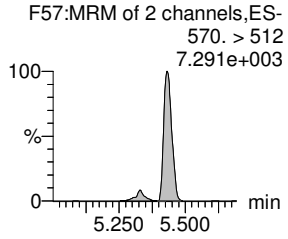

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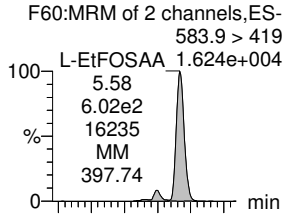

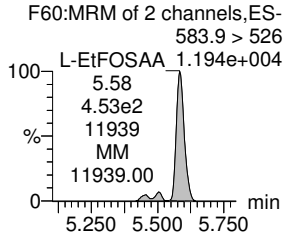

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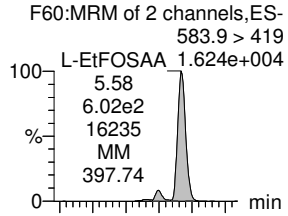

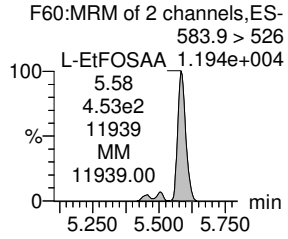

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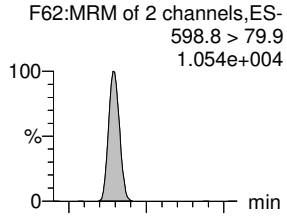

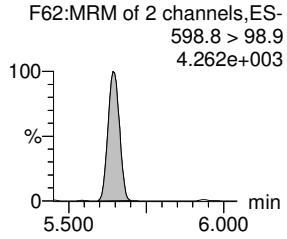

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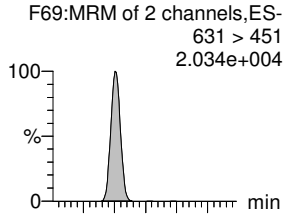

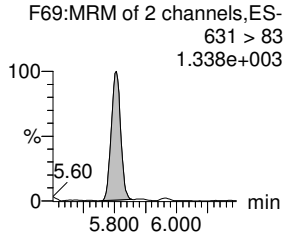

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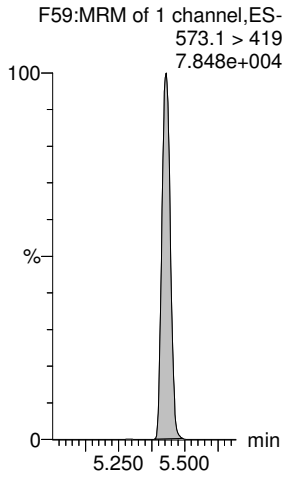

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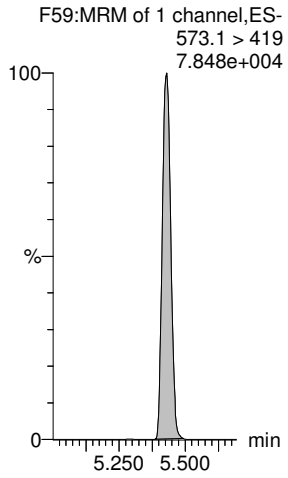

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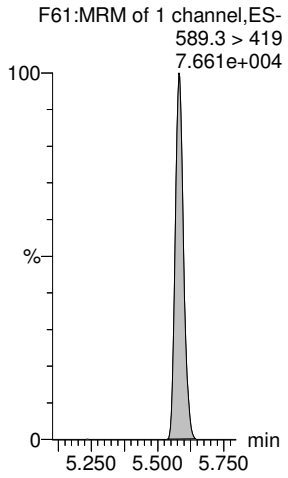

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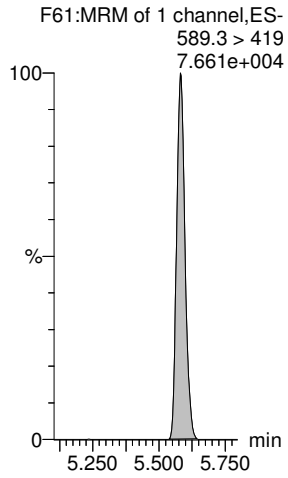

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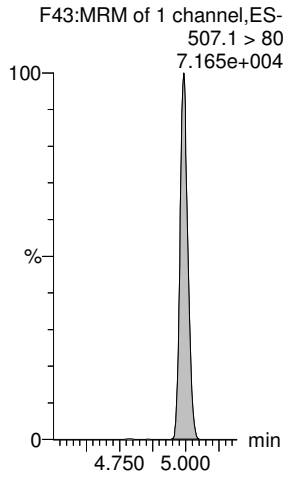

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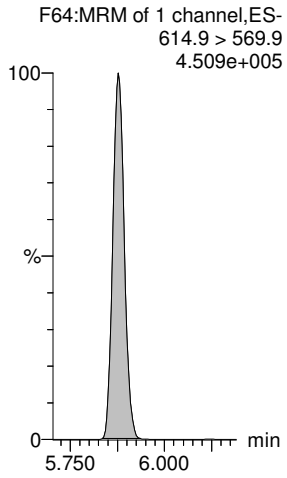

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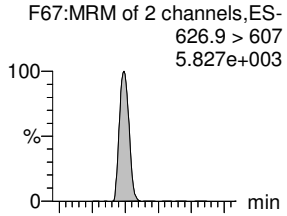
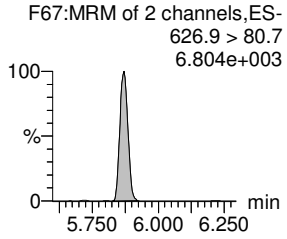
10:2 FTS





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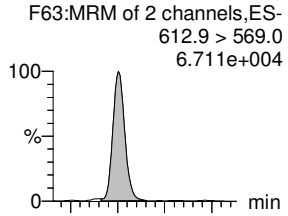

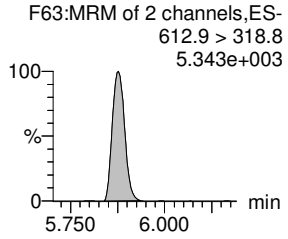

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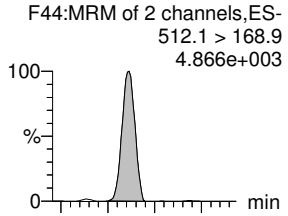

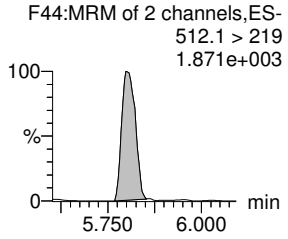

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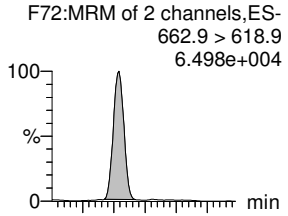

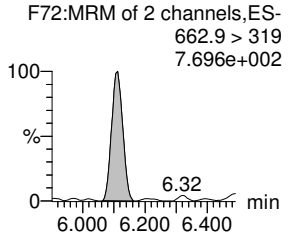

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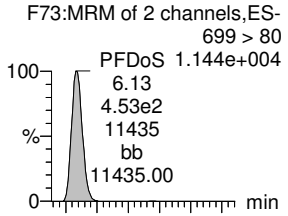

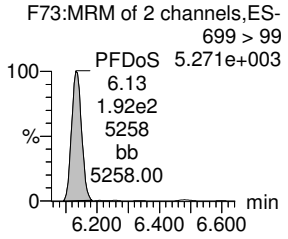

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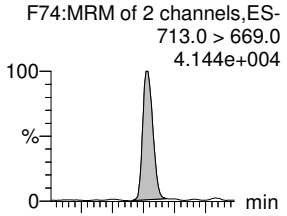

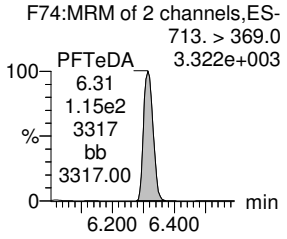

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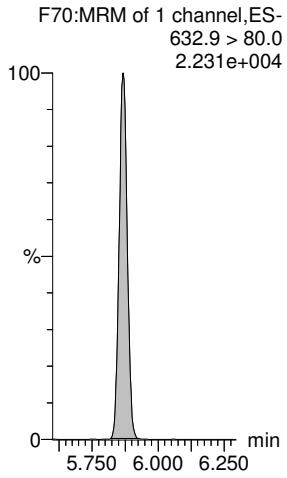
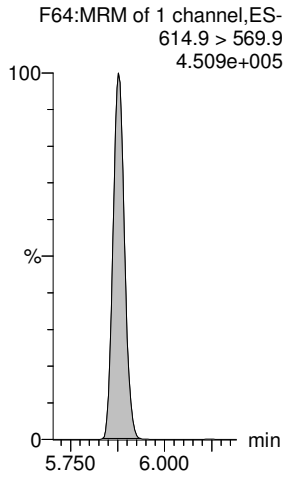
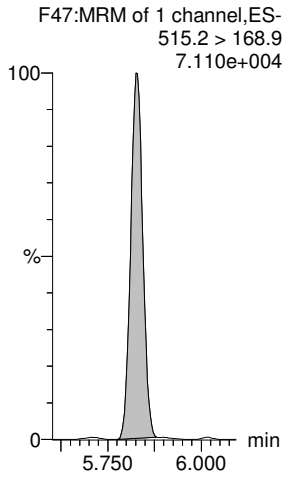


13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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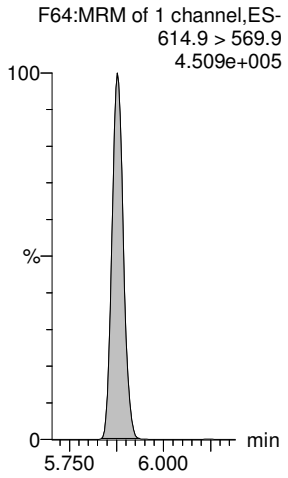

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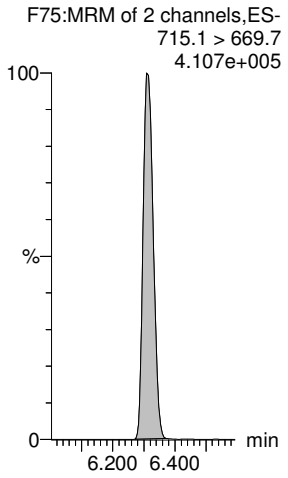

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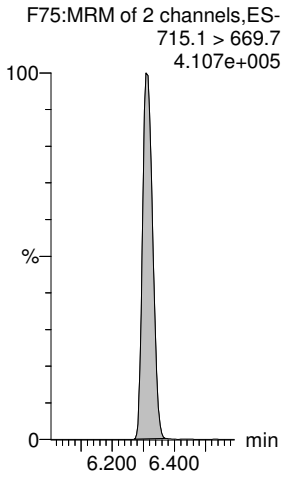

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Name: 200706P1-71, Date: 06-Jul-2020, Time: 22:43:54, ID: B0F0172-BS1 OPR 0.25, Description: OPR

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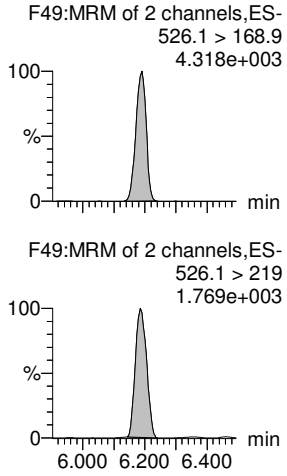

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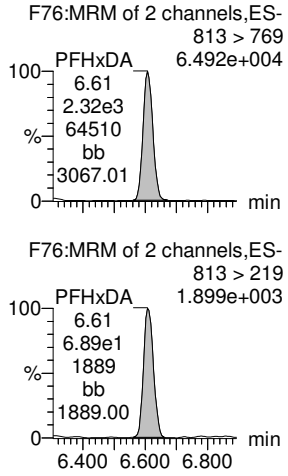

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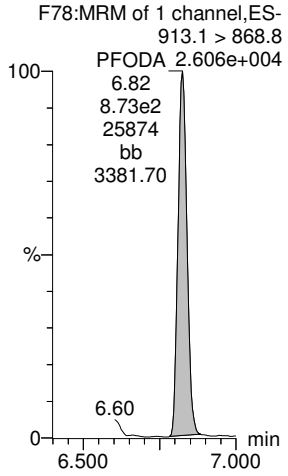

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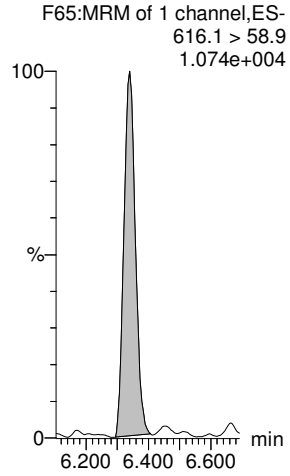

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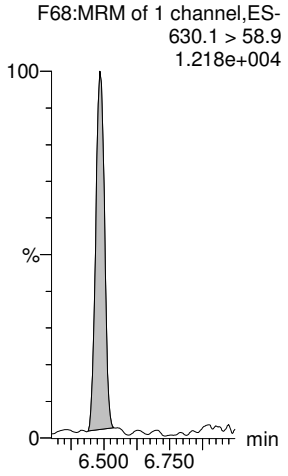

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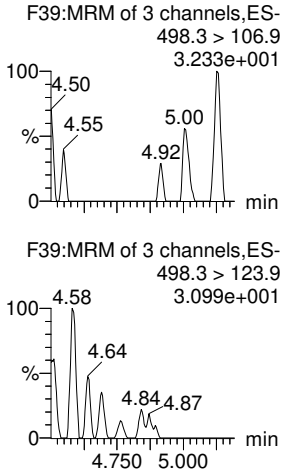
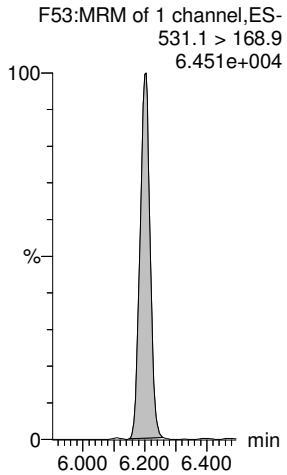


d5-N-ETFOSA-EIS



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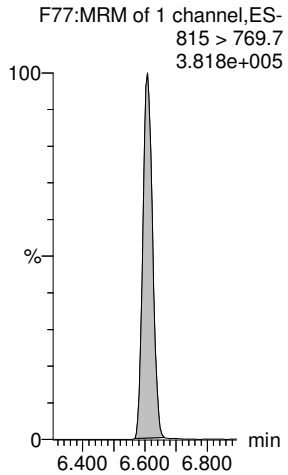

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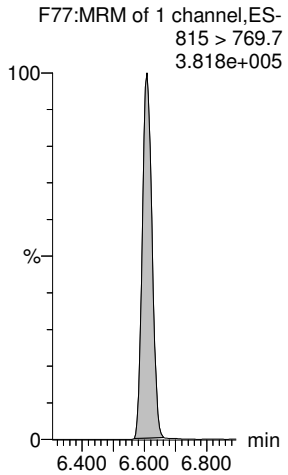

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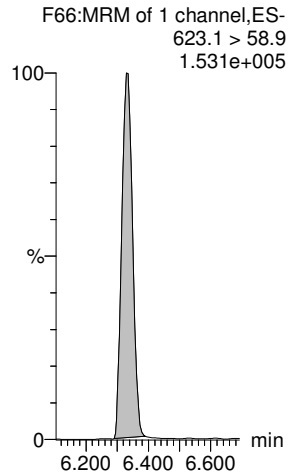

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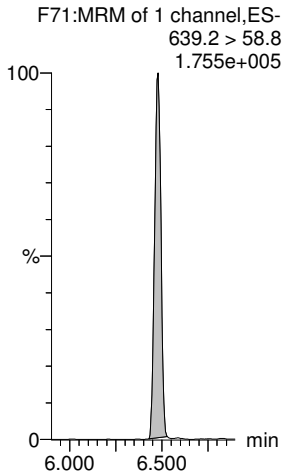

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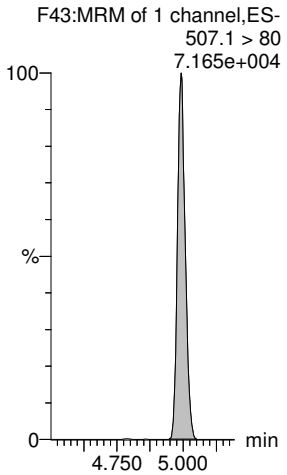

Vista Analytical Laboratory L24

OC 7/10/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200708M1\200708M1-75.qld

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Name: 200708M1_75, Date: 09-Jul-2020, Time: 03:42:33, ID: B0F0172-BS1 OPR 0.25, Description: OPR

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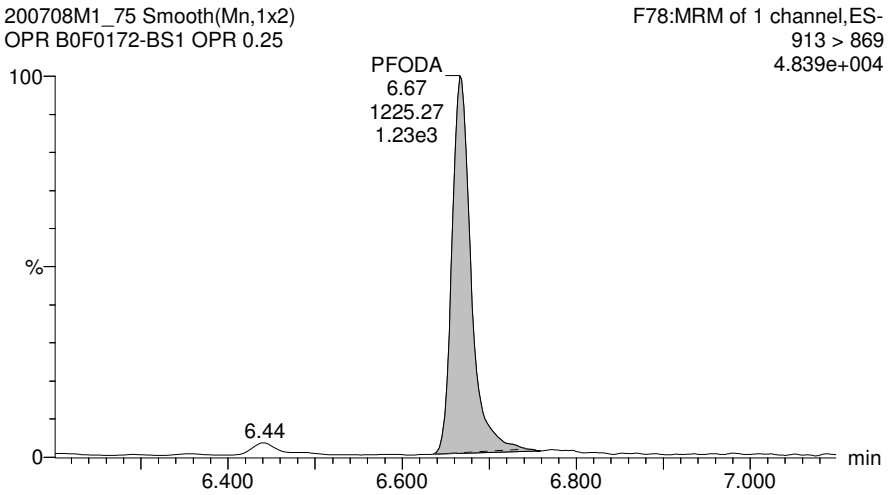

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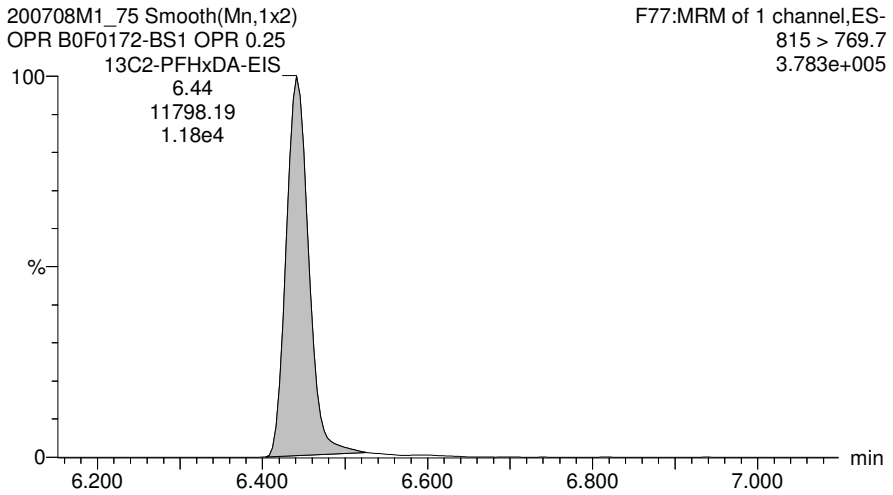

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	44	PFODA	913 > 869	1.225e3	1.180e4	0.250		6.65	6.67	1.30	5.038	63.0		
2	95	13C2-PFHxDA-EIS	815 > 769.7	1.180e4		0.250	1990.809	6.45	6.44	11800	23.705	47.4		

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	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		5.452e3	0.229	1.58						
2	4	PFPeA	263.1 > 218.9		9.265e3	0.229	2.57						
3	5	PFBS	299.0 > 80		1.071e3	0.229	2.84						YES
4	6	4:2 FTS	326.9 > 306.9		1.038e3	0.229	3.28						YES
5	7	PFHxA	313.0 > 269.0		1.050e4	0.229	3.37						YES
6	8	PFPeS	349.>80		1.071e3	0.229	3.76						YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	5.452e3		0.229	1.63	1.58	5452.482	34.475	63.3		
8	49	13C3-PFPeA-EIS	266.0 > 221.8	9.265e3		0.229	2.76	2.57	9264.945	42.011	77.1		
9	51	13C3-PFBS-EIS	302.0 > 98.9	1.071e3		0.229	2.87	2.84	1070.889	44.897	82.4		
10	55	13C2-4:2 FTS-EIS	329.0 >80.8	1.038e3		0.229	3.31	3.28	1038.140	44.861	82.3		
11	57	13C2-PFHxA-EIS	315.0 > 270.0	1.050e4		0.229	3.38	3.37	10495.629	41.972	77.0		
12	51	13C3-PFBS-EIS	302.0 > 98.9	1.071e3		0.229	2.87	2.84	1070.889	44.897	82.4		
13	-1												
14	9	HFPO-DA	285.1 > 168.9		2.143e3	0.229	3.57						YES
15	11	PFHpA	363.0 > 319		9.835e3	0.229	3.96						YES
16	13	L-PFHxS	399 > 79.9		2.151e3	0.229	4.10						YES
17	1...	Total PFHxS	399 > 79.9	0.000e0	2.151e3	0.229	3.93		0.000				
18	12	ADONA	376.8 > 250.9		9.835e3	0.229	4.06						YES
19	15	6:2 FTS	427.0 > 407		1.117e3	0.229	4.42						YES
20	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2.143e3		0.229	3.59	3.57	2143.453	40.945	75.1		
21	59	13C4-PFHpA-EIS	367.2 > 321.8	9.835e3		0.229	3.98	3.96	9834.898	43.618	80.0		
22	61	13C3-PFHxS-EIS	402 > 80	2.151e3		0.229	4.13	4.10	2150.690	42.604	78.2		
23	61	13C3-PFHxS-EIS	402 > 80	2.151e3		0.229	4.13	4.10	2150.690	42.604	78.2		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	9.835e3		0.229	3.98	3.96	9834.898	43.618	80.0		
25	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.117e3		0.229	4.45	4.42	1116.696	37.821	69.4		
26	-1												
27	19	PFHpS	449.0 > 80		2.439e3	0.229	4.53						YES
28	16	L-PFOA	413 > 369		1.166e4	0.229	4.48						YES
29	1...	Total PFOA	413 > 369	0.000e0	1.166e4	0.229	4.60		0.000				
30	21	PFNA	463.0 > 418.8		1.232e4	0.229	4.92						YES
31	23	L-PFOS	499 > 80		2.439e3	0.229	4.99						YES
32	1...	Total PFOS	499> 80	0.000e0	2.439e3	0.229	4.60		0.000				
33	71	13C8-PFOS-EIS	507.1 > 80	2.439e3		0.229	5.02	4.99	2438.742	47.154	86.5		
34	69	13C2-PFOA-EIS	414.9 > 369.7	1.166e4		0.229	4.67	4.48	11657.702	44.031	80.8		
35	69	13C2-PFOA-EIS	414.9 > 369.7	1.166e4		0.229	4.67	4.48	11657.702	44.031	80.8		
36	65	13C5-PFNA-EIS	468.2 > 422.9	1.232e4		0.229	5.13	4.92	12319.070	44.278	81.2		

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	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2.439e3		0.229	5.02	4.99	2438.742	47.154	86.5		
38	71	13C8-PFOS-EIS	507.1 > 80	2.439e3		0.229	5.02	4.99	2438.742	47.154	86.5		
39	-1												
40	26	PFDA	513 > 469		1.358e4	0.229	5.29						YES
41	22	PFOSA	498 > 78		3.162e3	0.229	4.96						YES
42	25	9Cl-PF30NS	531 > 351		2.439e3	0.229	5.21						YES
43	27	8:2 FTS	526.8 > 506.9		1.099e3	0.229	5.26						YES
44	28	PFNS	549 > 80		2.439e3	0.229	5.36						YES
45	33	PFUdA	563.0 > 519		1.379e4	0.229	5.60						YES
46	73	13C2-PFDA-EIS	515.1 > 469.9	1.358e4		0.229	5.31	5.29	13580.043	39.701	72.8		
47	67	13C8-PFOSA-EIS	506 > 78	3.162e3		0.229	4.99	4.96	3161.577	24.127	44.3		
48	71	13C8-PFOS-EIS	507.1 > 80	2.439e3		0.229	5.02	4.99	2438.742	47.154	86.5		
49	75	13C2-8:2 FTS-EIS	529 > 80	1.099e3		0.229	5.29	5.26	1098.548	43.407	79.6		
50	71	13C8-PFOS-EIS	507.1 > 80	2.439e3		0.229	5.02	4.99	2438.742	47.154	86.5		
51	79	13C2-PFUdA-EIS	565 > 519.8	1.379e4		0.229	5.54	5.60	13785.714	38.012	69.7		
52	-1												
53	29	L-MeFOSAA	570 > 419		3.209e3	0.229	5.43						YES
54	1...	Total N-MeFOSAA	570. > 419	0.000e0	3.209e3	0.229	5.19		0.000				
55	31	L-EtFOSAA	583.9 > 419		3.092e3	0.229	5.58						YES
56	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	3.092e3	0.229	5.37		0.000				
57	34	PFDS	598.8 >79.9		2.439e3	0.229	5.75						YES
58	35	11Cl-PF30UdS	631 > 451		1.668e4	0.229	5.81						YES
59	77	d3-N-MeFOSAA-EIS	573.1 > 419	3.209e3		0.229	5.46	5.43	3208.963	42.252	77.5		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	3.209e3		0.229	5.46	5.43	3208.963	42.252	77.5		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	3.092e3		0.229	5.61	5.58	3091.944	42.944	78.8		
62	81	d5-N-EtFOSAA-EIS	589.3 > 419	3.092e3		0.229	5.61	5.58	3091.944	42.944	78.8		
63	71	13C8-PFOS-EIS	507.1 > 80	2.439e3		0.229	5.02	4.99	2438.742	47.154	86.5		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	1.668e4		0.229	6.13	5.88	16682.449	38.930	71.4		
65	-1												
66	36	10:2 FTS	626.9 > 607		9.764e2	0.229	5.86						YES
67	37	PFDoA	612.9 > 569.0		1.668e4	0.229	5.88						YES
68	38	N-MeFOSA	512.1 > 168.9		3.755e3	0.229	5.82						YES
69	39	PFTrDA	662.9 > 618.9		1.668e4	0.229	6.14						YES
70	40	PFDoS	699 > 80		1.485e4	0.229	6.11						YES
71	41	PFTeDA	713.0 > 669.0		1.485e4	0.229	6.31						YES
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	9.764e2		0.229	5.89	5.86	976.380	39.189	71.9		

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	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	1.668e4		0.229	6.13	5.88	16682.449	38.930	71.4		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.755e3		0.229	5.72	5.83	3754.579	118.301	18.2		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	1.668e4		0.229	6.13	5.88	16682.449	38.930	71.4		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.485e4		0.229	6.34	6.31	14845.797	33.966	62.3		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.485e4		0.229	6.34	6.31	14845.797	33.966	62.3		
78	-1												
79	42	N-EtFOSA	526.1 > 168.9		3.950e3	0.229	6.18						YES
80	43	PFHxDA	813 > 769		1.321e4	0.229	6.61						YES
81	44	PFODA	913.1 > 868.8		1.321e4	0.229	6.83						
82	45	N-MeFOSE	616.1 > 58.9		8.436e3	0.229	6.33						
83	46	N-EtFOSE	630.1 > 58.9		9.576e3	0.229	6.48						
84	1...	TDCA	498.3>106.9			0.229	4.47						YES
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.950e3		0.229	6.21	6.20	3950.370	110.960	17.1		
86	93	13C2-PFHxDA-EIS	815 > 769.7	1.321e4		0.229	6.63	6.61	13206.337	27.296	50.1		
87	93	13C2-PFHxDA-EIS	815 > 769.7	1.321e4		0.229	6.63	6.61	13206.337	27.296	50.1		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	8.436e3		0.229	6.33	6.33	8435.586	272.990	42.0		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	9.576e3		0.229	6.48	6.48	9576.187	280.800	43.2		
90	71	13C8-PFOS-EIS	507.1 > 80	2.439e3		0.229	5.02	4.99	2438.742	47.154	86.5		

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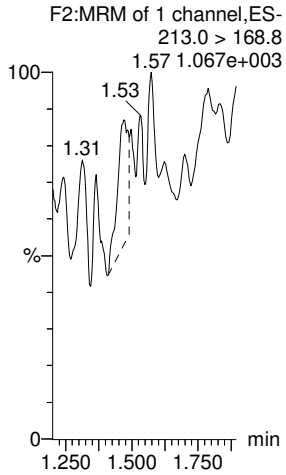
PFBA



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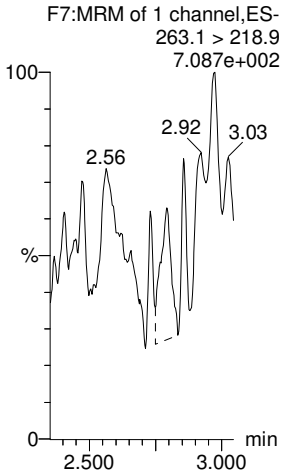

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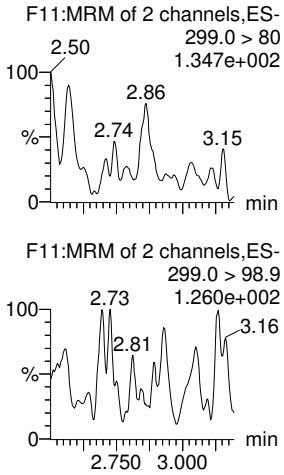
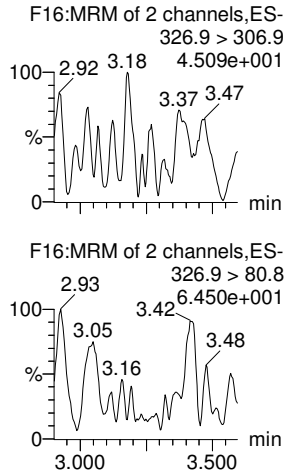


4:2 FTS



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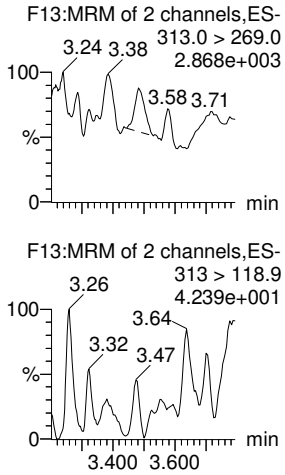

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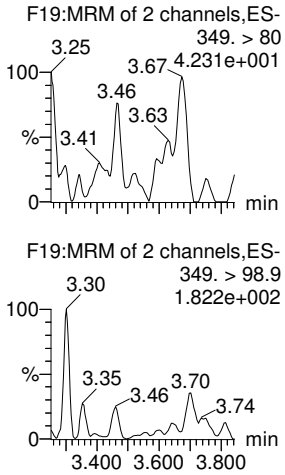

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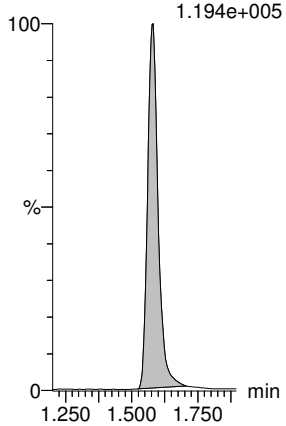

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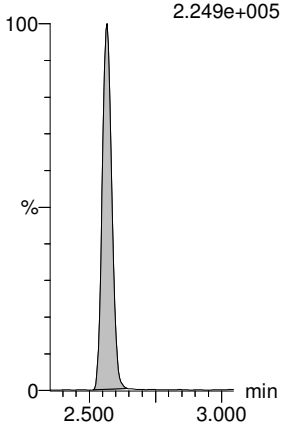

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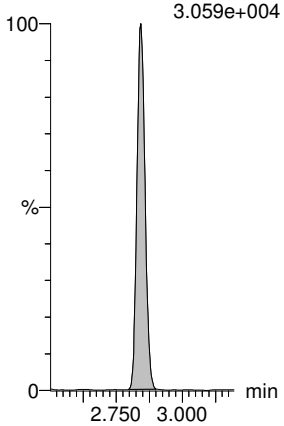

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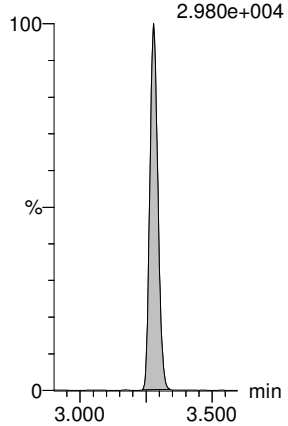

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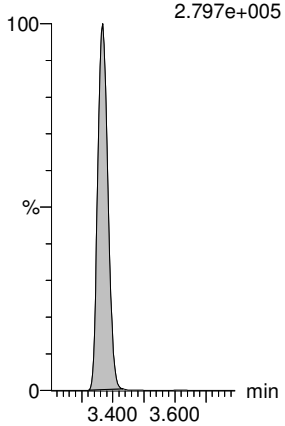

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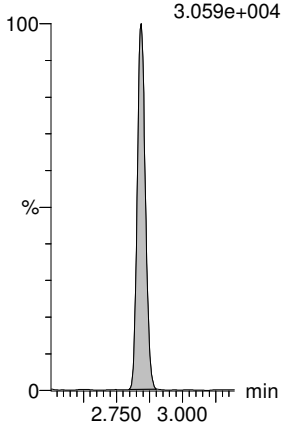

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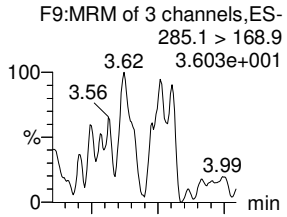
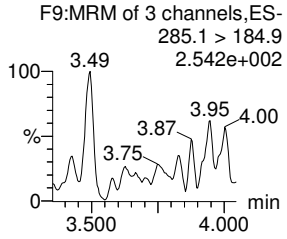
HFPO-DA





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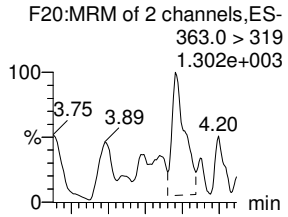

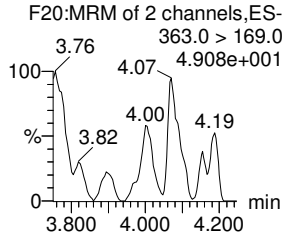

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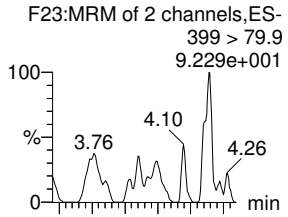

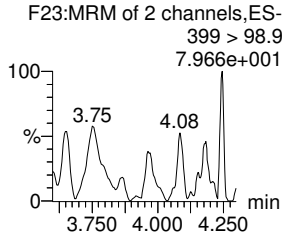

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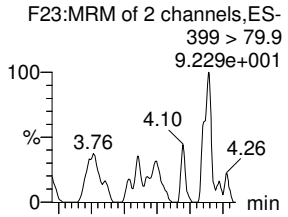
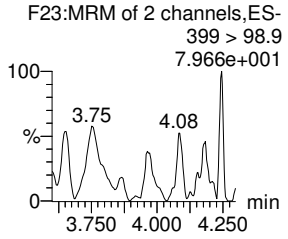
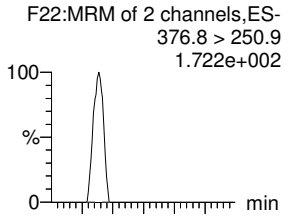
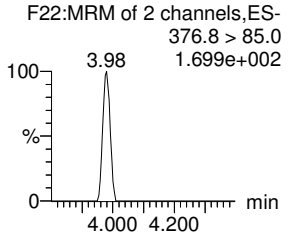




ADONA





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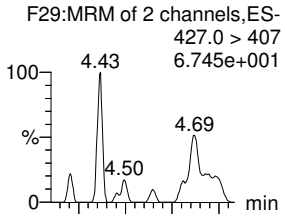
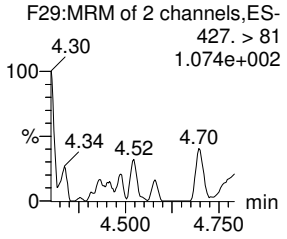
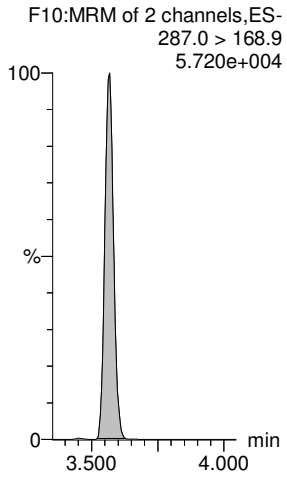
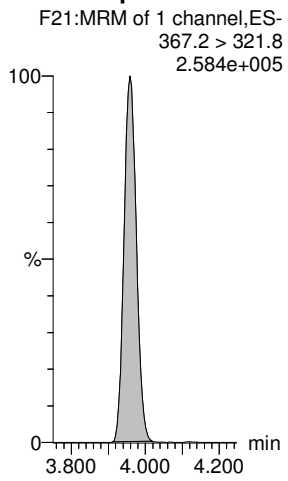




13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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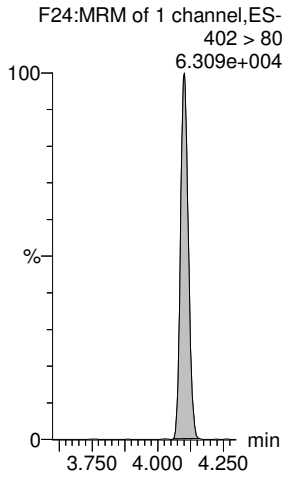

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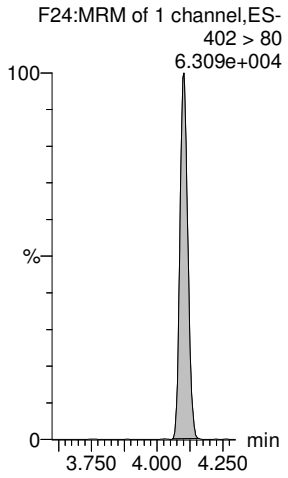

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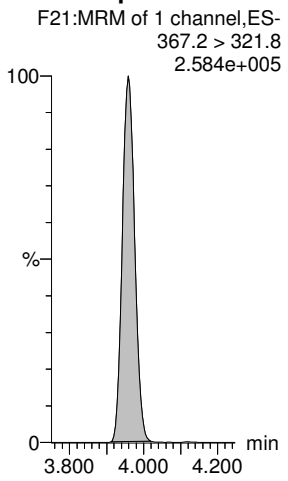
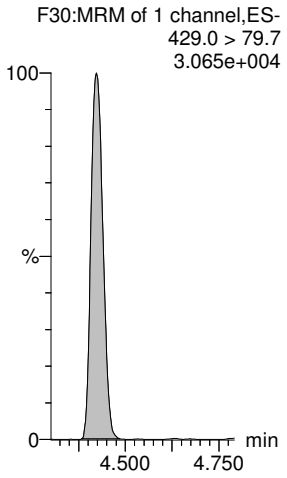


13C2-6:2 FTS-EIS



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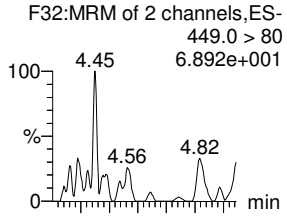
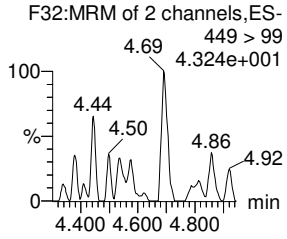
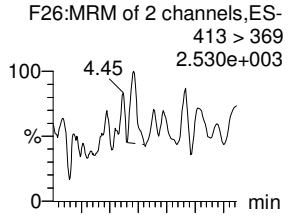
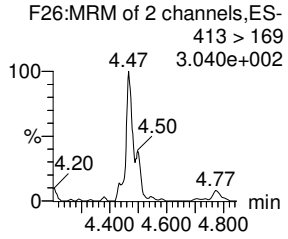




L-PFOA





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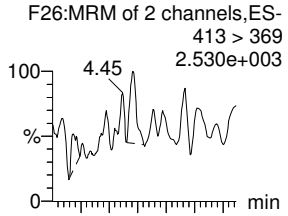

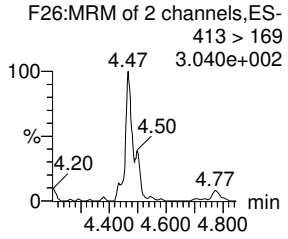

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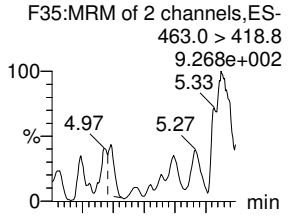

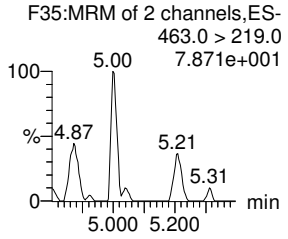

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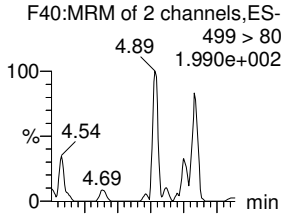

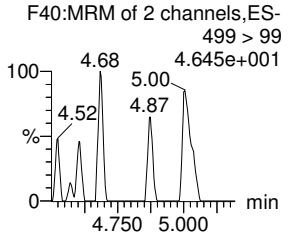

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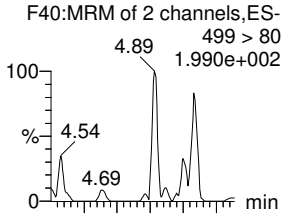
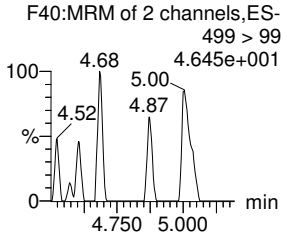
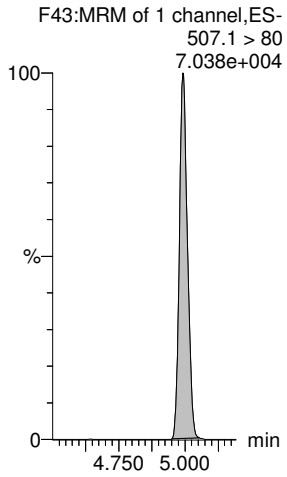
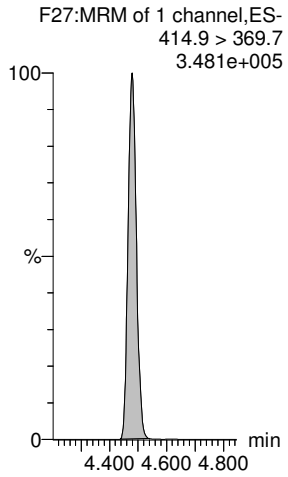




13C8-PFOS-EIS



13C2-PFOA-EIS



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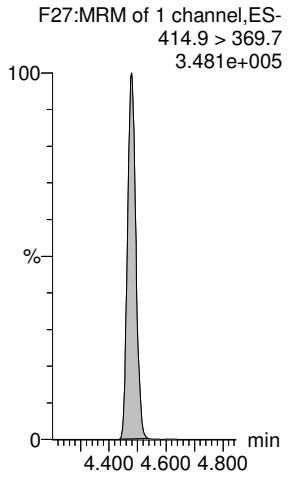

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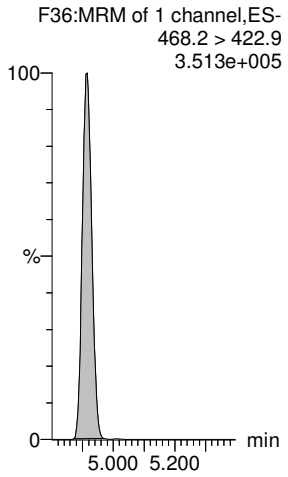

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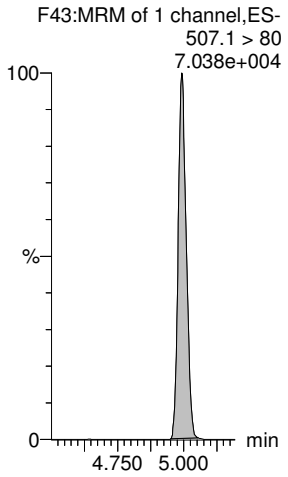

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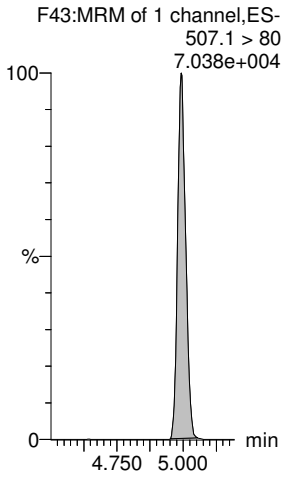

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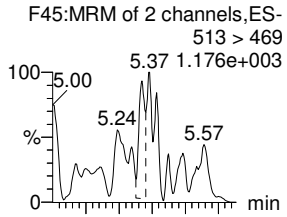

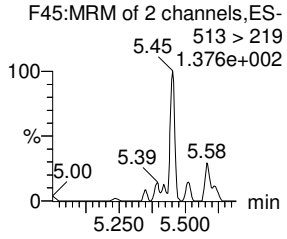

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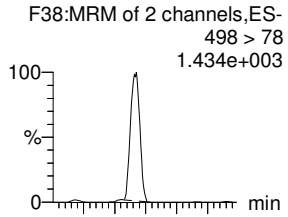
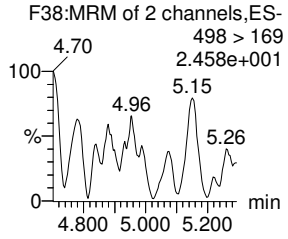
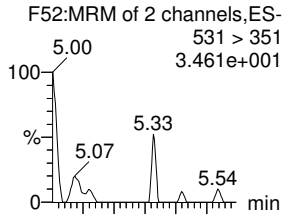
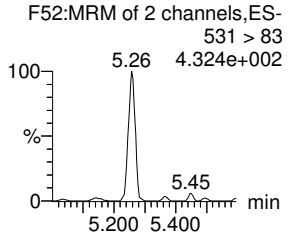


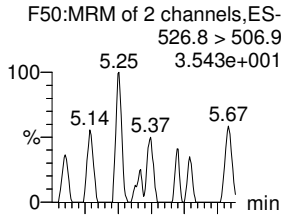


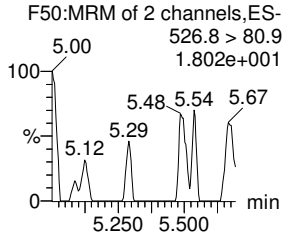
9Cl-PF30NS





8:2 FTS





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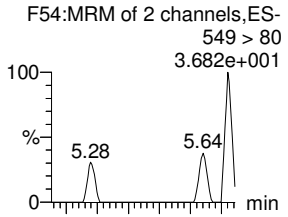

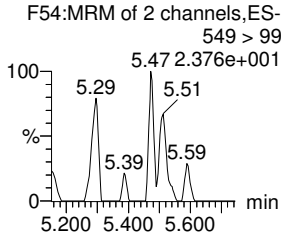

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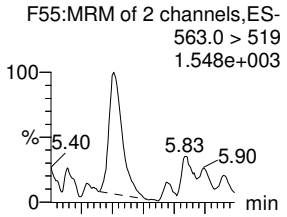

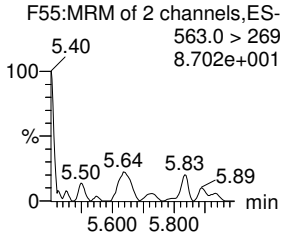

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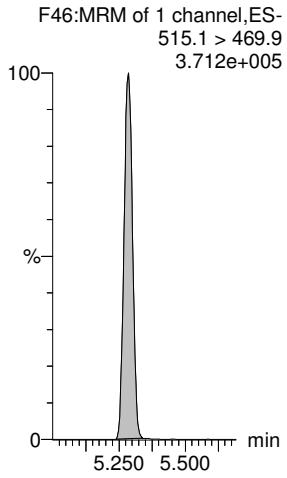

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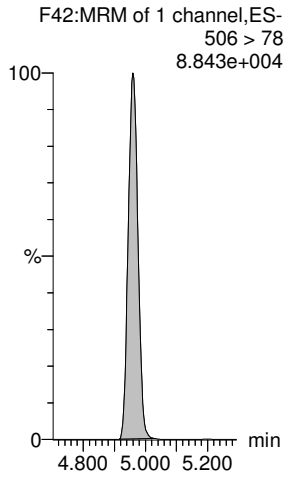

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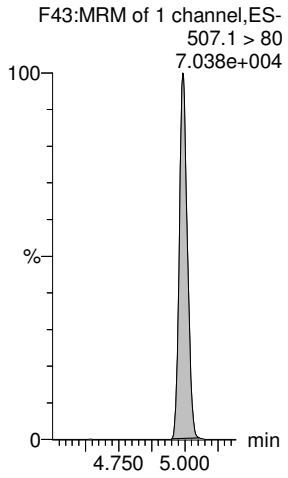
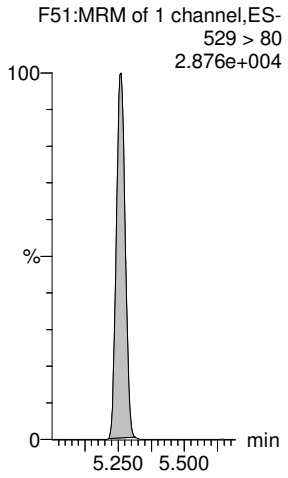


13C2-8:2 FTS-EIS



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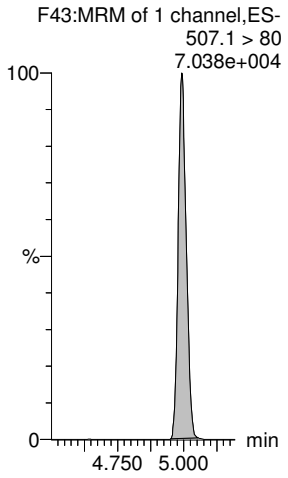

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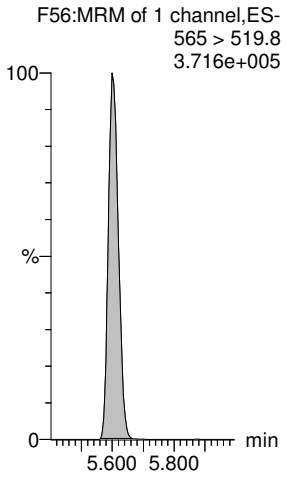

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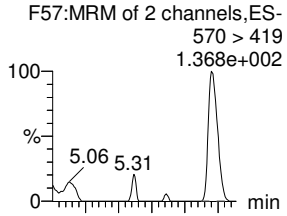
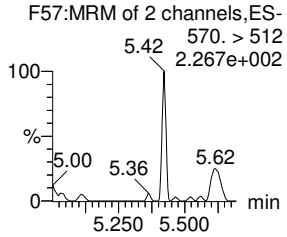
L-MeFOSAA





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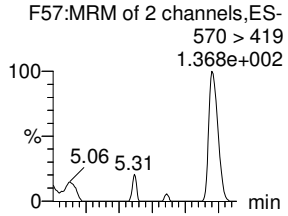
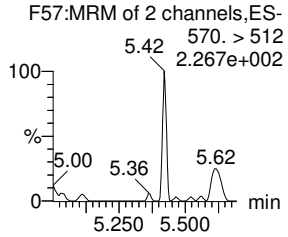
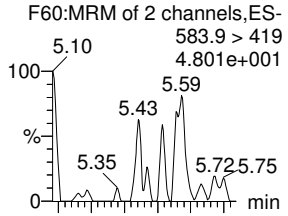
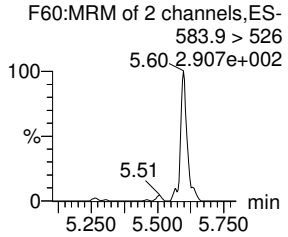


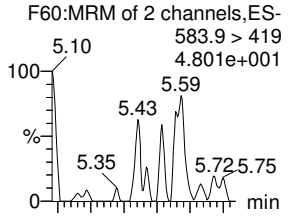


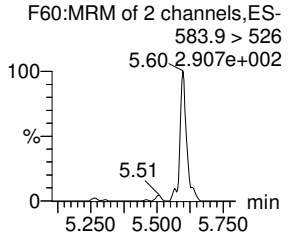
L-EtFOSAA



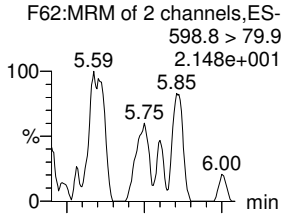


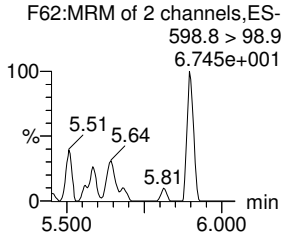
Total N-EtFOSAA





PFDS





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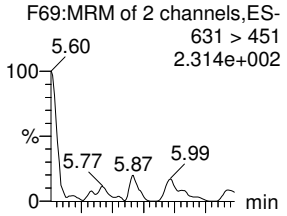
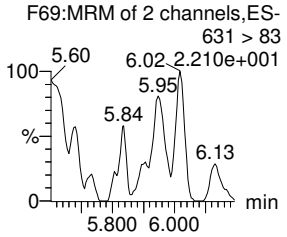
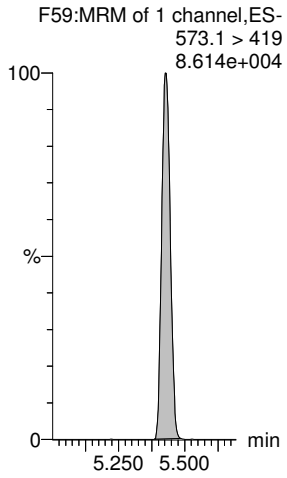




d3-N-MeFOSAA-EIS



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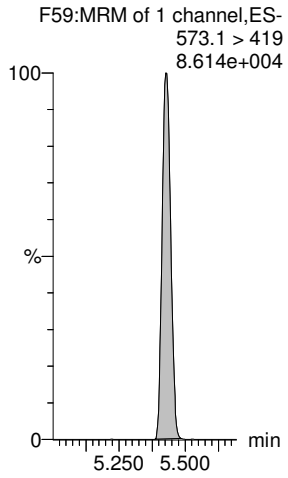

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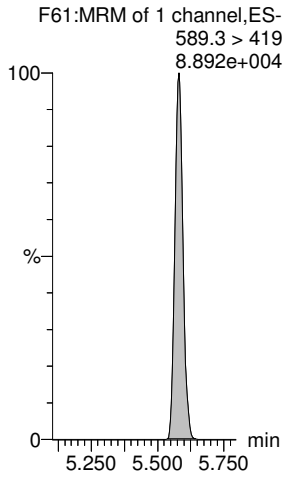

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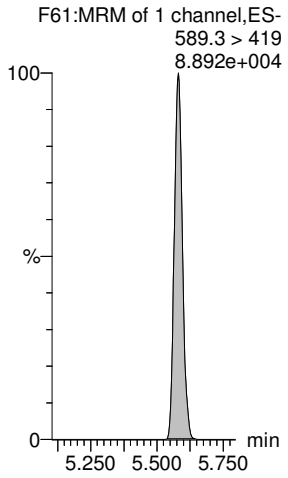
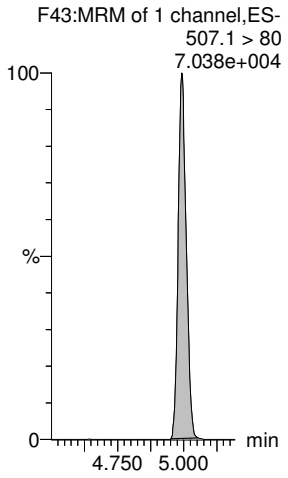
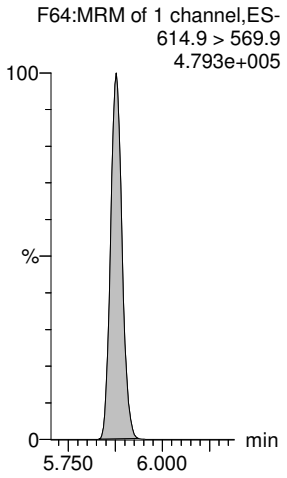


13C8-PFOS-EIS



13C2-PFDoA-EIS



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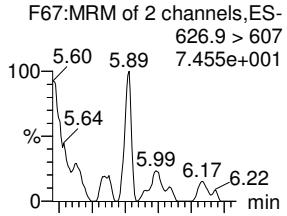
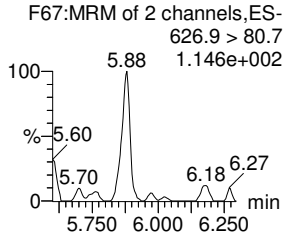
Printed: Tuesday, July 07, 2020 15:09:53 Pacific Daylight Time

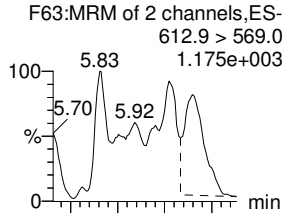
Name: 200706P1-72, Date: 06-Jul-2020, Time: 22:54:26, ID: 2001276-01 Equipment Blank-1 0.22934, Description: Equipment Blank-1

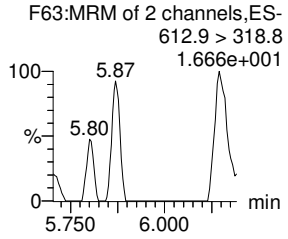
10:2 FTS



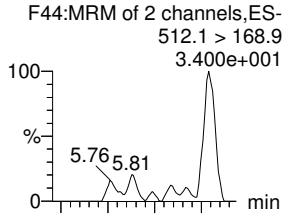


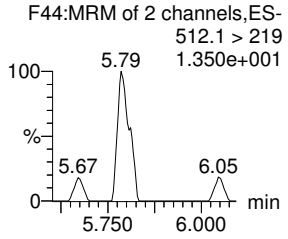
PFDoA





N-MeFOSA





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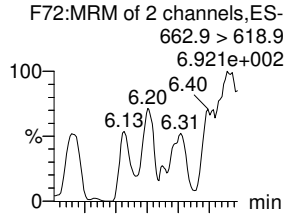
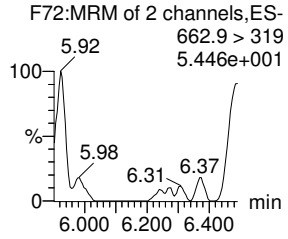
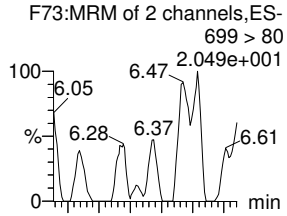
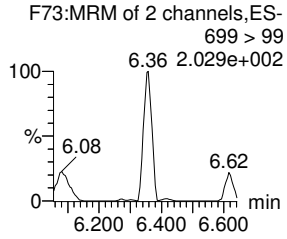




PFDoS





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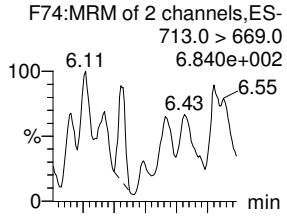
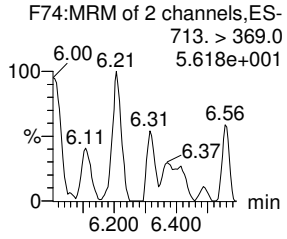
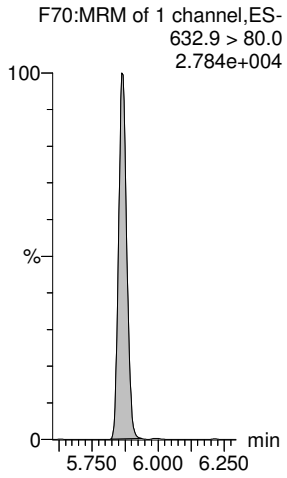
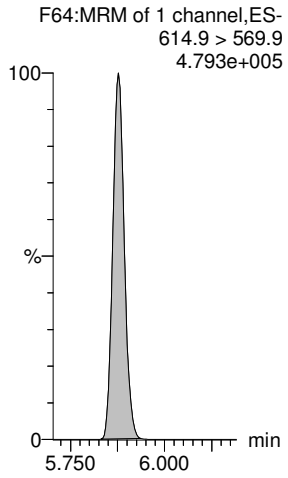




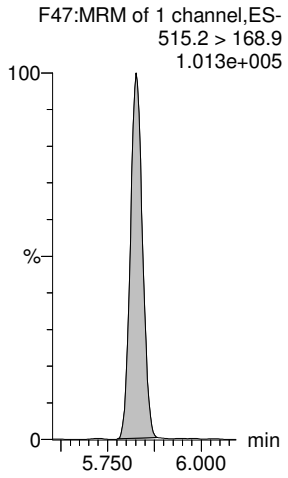
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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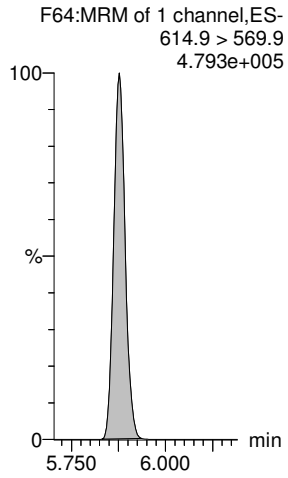

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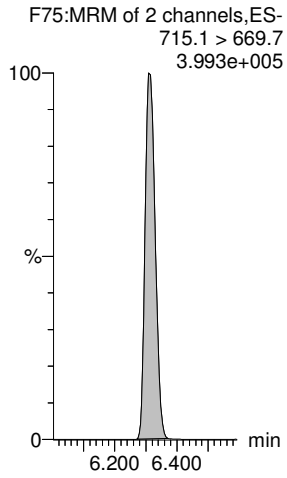
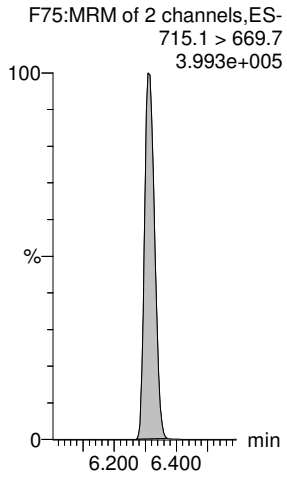


13C2-PFTeDA-EIS



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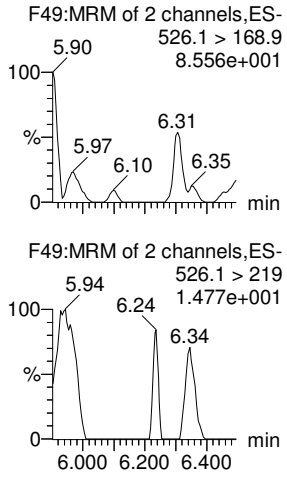
Last Altered: Tuesday, July 07, 2020 15:04:41 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 15:09:53 Pacific Daylight Time

Name: 200706P1-72, Date: 06-Jul-2020, Time: 22:54:26, ID: 2001276-01 Equipment Blank-1 0.22934, Description: Equipment Blank-1

N-EtFOSA



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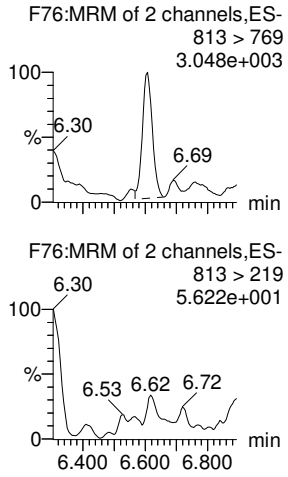
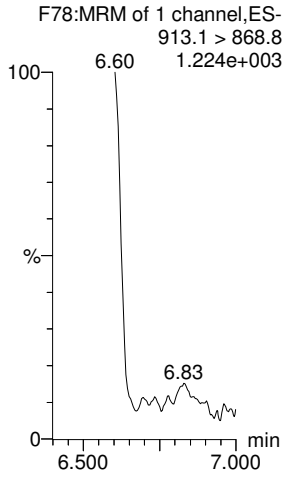
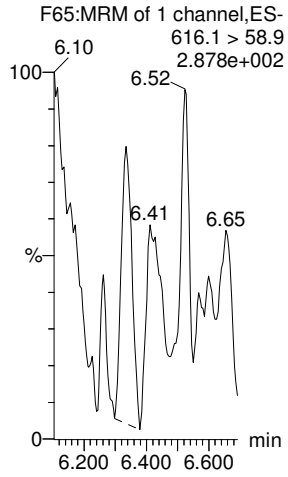


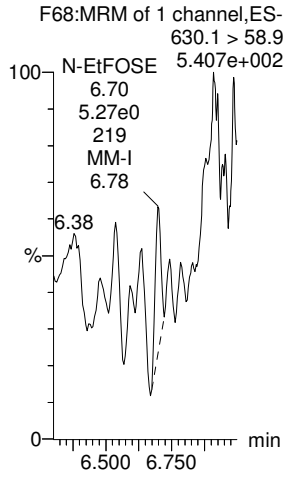
PFODA



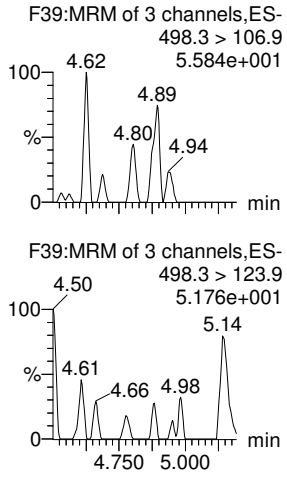
N-MeFOSE



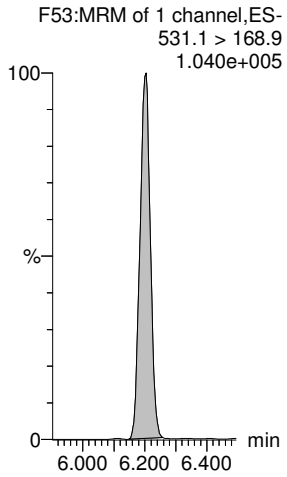
N-EtFOSE



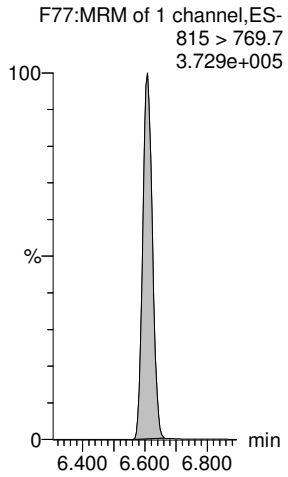
TDCA



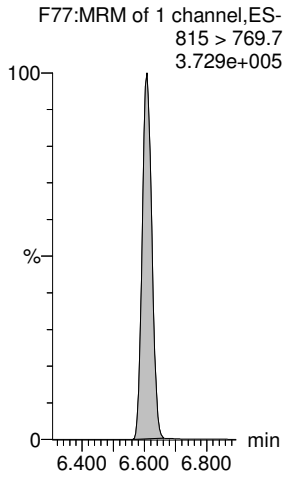
d5-N-ETFOSA-EIS



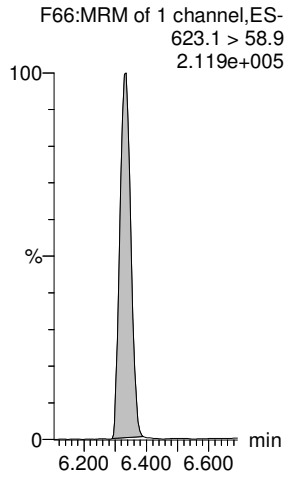
13C2-PFHxDA-EIS



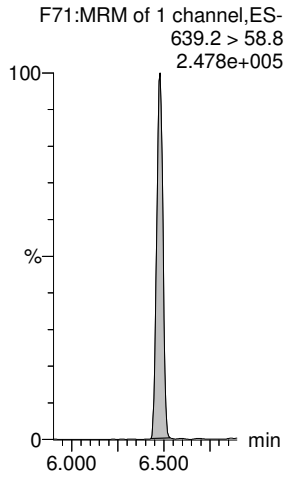
13C2-PFHxDA-EIS



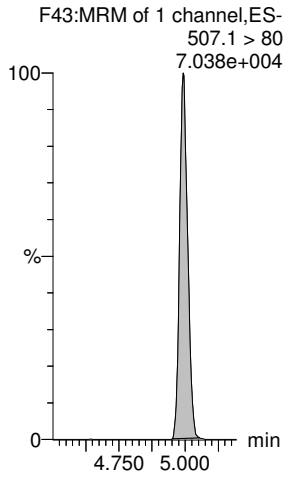
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



Vista Analytical Laboratory L24

OC 7/10/2020

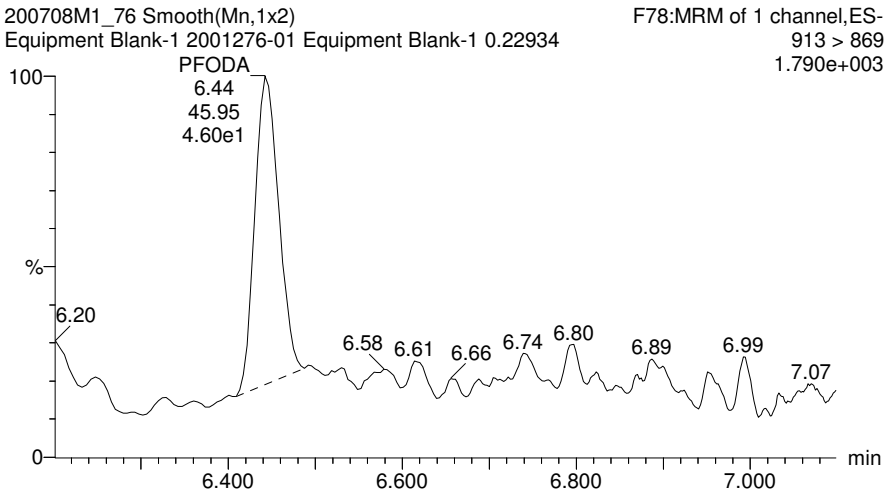
Dataset: Z:\Projects\PFAS.PRO\Results\200708M1\200708M1-76.qld

Last Altered: Friday, July 10, 2020 14:46:53 Pacific Daylight Time
Printed: Friday, July 10, 2020 14:47:35 Pacific Daylight Time

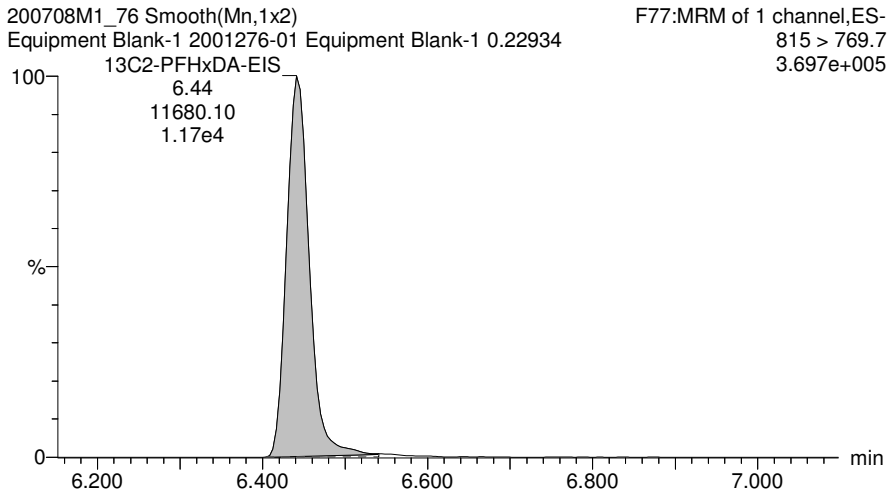
Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

Name: 200708M1_76, Date: 09-Jul-2020, Time: 03:52:56, ID: 2001276-01 Equipment Blank-1 0.22934, Description: Equipment Blank-1

PFODA



13C2-PFHxDA-EIS



	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	44	PFODA	913 > 869		1.168e4	0.229		6.65						
2	95	13C2-PFHxDA-EIS	815 > 769.7	1.168e4		0.229	1990.809	6.45	6.44	11700	25.582	46.9		

AMR 7/10/2020

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

Last Altered: Tuesday, July 07, 2020 15:41:07 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 15:42:43 Pacific Daylight Time

Name: 200706P1-75, Date: 06-Jul-2020, Time: 23:25:56, ID: 2001276-02 MW-20-01 0.25109, Description: MW-20-01

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	4.499e2	6.530e3	0.251	1.58	1.58	0.861	3.156			
2	4	PFPeA	263.1 > 218.9		8.885e3	0.251	2.57						
3	5	PFBS	299.0 > 80		1.087e3	0.251	2.85						YES
4	6	4:2 FTS	326.9 > 306.9		1.061e3	0.251	3.28						YES
5	7	PFHxA	313.0 > 269.0		1.028e4	0.251	3.37						YES
6	8	PFPeS	349.>80		1.087e3	0.251	3.76						YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	6.530e3		0.251	1.63	1.58	6529.522	37.708	75.7		
8	49	13C3-PFPeA-EIS	266.0 > 221.8	8.885e3		0.251	2.76	2.57	8884.807	36.798	73.9		
9	51	13C3-PFBS-EIS	302.0 > 98.9	1.087e3		0.251	2.87	2.85	1087.486	41.643	83.6		
10	55	13C2-4:2 FTS-EIS	329.0 >80.8	1.061e3		0.251	3.31	3.28	1061.257	41.887	84.1		
11	57	13C2-PFHxA-EIS	315.0 > 270.0	1.028e4		0.251	3.38	3.37	10283.776	37.563	75.5		
12	51	13C3-PFBS-EIS	302.0 > 98.9	1.087e3		0.251	2.87	2.85	1087.486	41.643	83.6		
13	-1												
14	9	HFPO-DA	285.1 > 168.9		2.272e3	0.251	3.56						YES
15	11	PFHpA	363.0 > 319		9.514e3	0.251	3.96						YES
16	13	L-PFHxS	399 > 79.9		2.365e3	0.251	4.10						YES
17	1...	Total PFHxS	399 > 79.9	0.000e0	2.365e3	0.251	3.93		0.000				
18	12	ADONA	376.8 > 250.9		9.514e3	0.251	4.06						YES
19	15	6:2 FTS	427.0 > 407		1.251e3	0.251	4.42						YES
20	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2.272e3		0.251	3.59	3.56	2271.993	39.641	79.6		
21	59	13C4-PFHpA-EIS	367.2 > 321.8	9.514e3		0.251	3.98	3.96	9514.429	38.542	77.4		
22	61	13C3-PFHxS-EIS	402 > 80	2.365e3		0.251	4.13	4.10	2364.524	42.783	85.9		
23	61	13C3-PFHxS-EIS	402 > 80	2.365e3		0.251	4.13	4.10	2364.524	42.783	85.9		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	9.514e3		0.251	3.98	3.96	9514.429	38.542	77.4		
25	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.251e3		0.251	4.45	4.42	1250.519	38.685	77.7		
26	-1												
27	19	PFHpS	449.0 > 80		1.964e3	0.251	4.53						YES
28	16	L-PFOA	413 > 369	2.954e2	1.082e4	0.251	4.48	4.47	0.341	1.011		3.568	NO
29	1...	Total PFOA	413 > 369	2.954e2	1.082e4	0.251	4.60		0.341	1.011			
30	21	PFNA	463.0 > 418.8		1.007e4	0.251	4.91						YES
31	23	L-PFOS	499 > 80		1.964e3	0.251	4.99						YES
32	1...	Total PFOS	499> 80	0.000e0	1.964e3	0.251	4.60		0.000				
33	71	13C8-PFOS-EIS	507.1 > 80	1.964e3		0.251	5.02	4.99	1963.969	34.685	69.7		
34	69	13C2-PFOA-EIS	414.9 > 369.7	1.082e4		0.251	4.67	4.48	10817.605	37.319	75.0		
35	69	13C2-PFOA-EIS	414.9 > 369.7	1.082e4		0.251	4.67	4.48	10817.605	37.319	75.0		
36	65	13C5-PFNA-EIS	468.2 > 422.9	1.007e4		0.251	5.13	4.91	10070.773	33.061	66.4		

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

Last Altered: Tuesday, July 07, 2020 15:41:07 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 15:42:43 Pacific Daylight Time

Name: 200706P1-75, Date: 06-Jul-2020, Time: 23:25:56, ID: 2001276-02 MW-20-01 0.25109, Description: MW-20-01

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	1.964e3		0.251	5.02	4.99	1963.969	34.685	69.7		
38	71	13C8-PFOS-EIS	507.1 > 80	1.964e3		0.251	5.02	4.99	1963.969	34.685	69.7		
39	-1												
40	26	PFDA	513 > 469		1.210e4	0.251	5.29						YES
41	22	PFOSA	498 > 78		3.703e3	0.251	4.96						YES
42	25	9Cl-PF30NS	531 > 351		1.964e3	0.251	5.21						YES
43	27	8:2 FTS	526.8 > 506.9		1.070e3	0.251	5.26						YES
44	28	PFNS	549 > 80		1.964e3	0.251	5.35						YES
45	33	PFUdA	563.0 > 519		1.126e4	0.251	5.60						YES
46	73	13C2-PFDA-EIS	515.1 > 469.9	1.210e4		0.251	5.31	5.29	12099.863	32.310	64.9		
47	67	13C8-PFOSA-EIS	506 > 78	3.703e3		0.251	4.99	4.96	3702.840	25.810	51.8		
48	71	13C8-PFOS-EIS	507.1 > 80	1.964e3		0.251	5.02	4.99	1963.969	34.685	69.7		
49	75	13C2-8:2 FTS-EIS	529 > 80	1.070e3		0.251	5.29	5.26	1069.837	38.611	77.6		
50	71	13C8-PFOS-EIS	507.1 > 80	1.964e3		0.251	5.02	4.99	1963.969	34.685	69.7		
51	79	13C2-PFUdA-EIS	565 > 519.8	1.126e4		0.251	5.54	5.60	11264.674	28.370	57.0		
52	-1												
53	29	L-MeFOSAA	570 > 419		1.696e3	0.251	5.43						YES
54	1...	Total N-MeFOSAA	570. > 419	0.000e0	1.696e3	0.251	5.19		0.000				
55	31	L-EtFOSAA	583.9 > 419		1.628e3	0.251	5.58						YES
56	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	1.628e3	0.251	5.37		0.000				
57	34	PFDS	598.8 >79.9		1.964e3	0.251	5.75						YES
58	35	11Cl-PF30UdS	631 > 451		1.317e4	0.251	5.80						YES
59	77	d3-N-MeFOSAA-EIS	573.1 > 419	1.696e3		0.251	5.46	5.43	1696.475	20.402	41.0		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	1.696e3		0.251	5.46	5.43	1696.475	20.402	41.0		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.628e3		0.251	5.61	5.58	1628.398	20.658	41.5		
62	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.628e3		0.251	5.61	5.58	1628.398	20.658	41.5		
63	71	13C8-PFOS-EIS	507.1 > 80	1.964e3		0.251	5.02	4.99	1963.969	34.685	69.7		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	1.317e4		0.251	6.13	5.87	13171.167	28.074	56.4		
65	-1												
66	36	10:2 FTS	626.9 > 607		7.190e2	0.251	5.86						YES
67	37	PFDoA	612.9 > 569.0		1.317e4	0.251	5.87						YES
68	38	N-MeFOSA	512.1 > 168.9		3.768e3	0.251	5.82						YES
69	39	PFTrDA	662.9 > 618.9		1.317e4	0.251	6.14						YES
70	40	PFDoS	699 > 80		1.128e4	0.251	6.11						YES
71	41	PFTeDA	713.0 > 669.0		1.128e4	0.251	6.31						YES
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	7.190e2		0.251	5.89	5.86	719.008	26.359	52.9		

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Name: 200706P1-75, Date: 06-Jul-2020, Time: 23:25:56, ID: 2001276-02 MW-20-01 0.25109, Description: MW-20-01

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	1.317e4		0.251	6.13	5.87	13171.167	28.074	56.4		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.768e3		0.251	5.72	5.83	3768.403	108.452	18.3		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	1.317e4		0.251	6.13	5.87	13171.167	28.074	56.4		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.128e4		0.251	6.34	6.31	11276.929	23.566	47.3		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.128e4		0.251	6.34	6.31	11276.929	23.566	47.3		
78	-1												
79	42	N-EtFOSA	526.1 > 168.9		3.566e3	0.251	6.18						YES
80	43	PFHxDA	813 > 769		4.488e3	0.251	6.61						YES
81	44	PFODA	913.1 > 868.8		4.488e3	0.251	6.83						
82	45	N-MeFOSE	616.1 > 58.9		9.026e3	0.251	6.33						
83	46	N-EtFOSE	630.1 > 58.9		1.017e4	0.251	6.48						
84	1...	TDCA	498.3>106.9			0.251	4.47						YES
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.566e3		0.251	6.21	6.20	3566.470	91.499	15.4		
86	93	13C2-PFHxDA-EIS	815 > 769.7	4.488e3		0.251	6.63	6.61	4488.322	8.473	17.0		
87	93	13C2-PFHxDA-EIS	815 > 769.7	4.488e3		0.251	6.63	6.61	4488.322	8.473	17.0		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	9.026e3		0.251	6.33	6.33	9025.564	266.782	44.9		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	1.017e4		0.251	6.48	6.48	10167.251	272.307	45.8		
90	71	13C8-PFOS-EIS	507.1 > 80	1.964e3		0.251	5.02	4.99	1963.969	34.685	69.7		

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Name: 200706P1-75, Date: 06-Jul-2020, Time: 23:25:56, ID: 2001276-02 MW-20-01 0.25109, Description: MW-20-01

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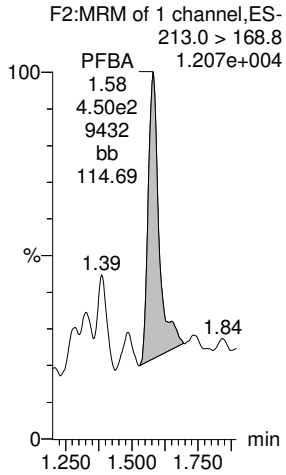

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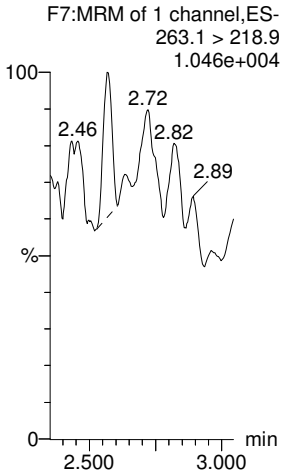

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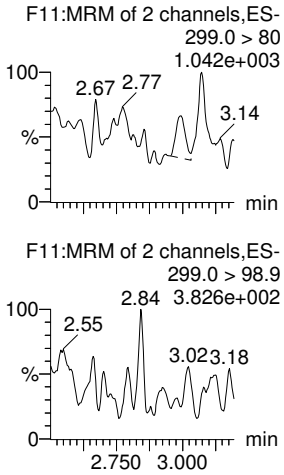

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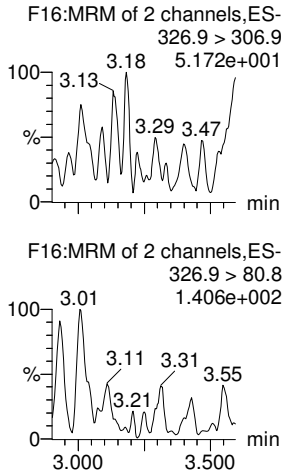

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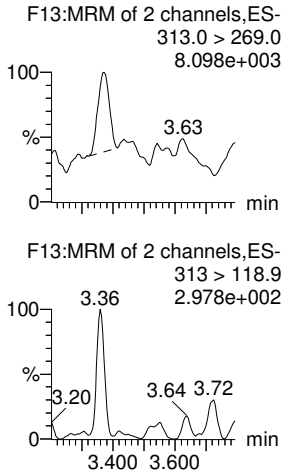

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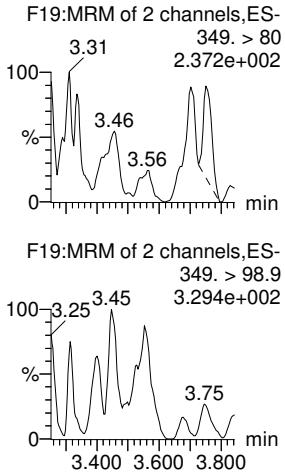

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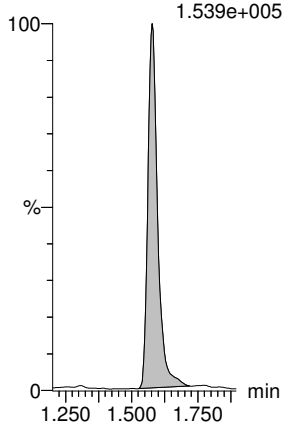

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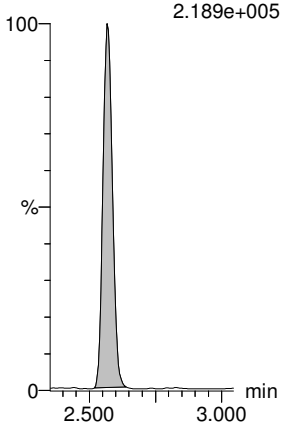

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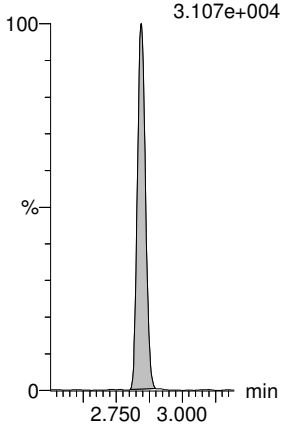

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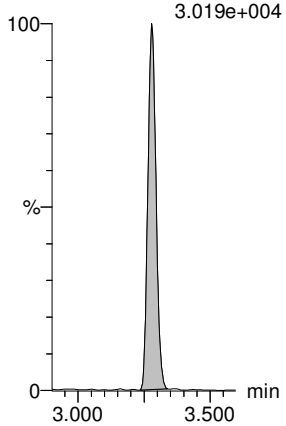

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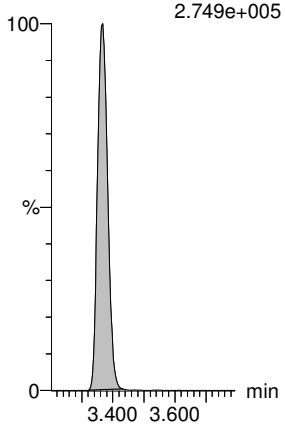

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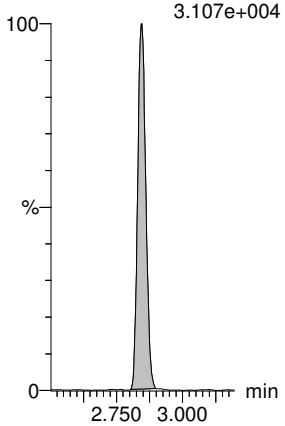

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Name: 200706P1-75, Date: 06-Jul-2020, Time: 23:25:56, ID: 2001276-02 MW-20-01 0.25109, Description: MW-20-01

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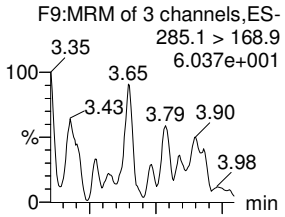

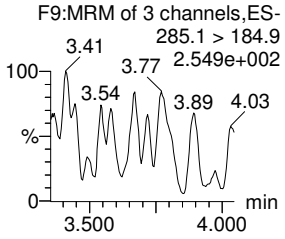

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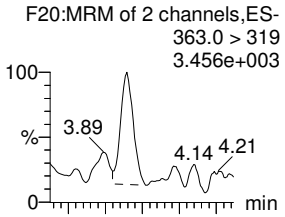
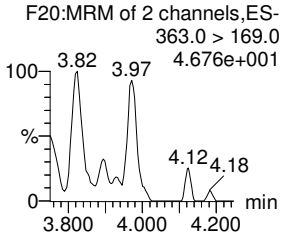
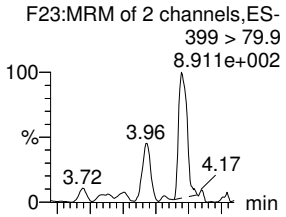
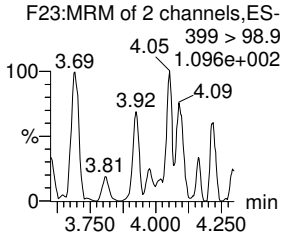




L-PFHxS





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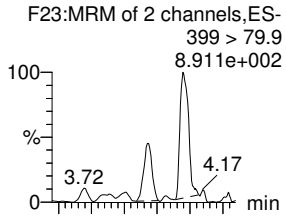

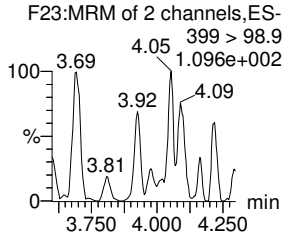

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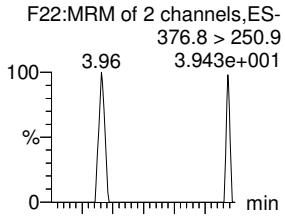
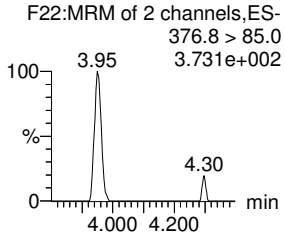
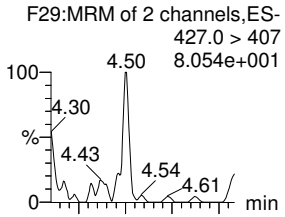
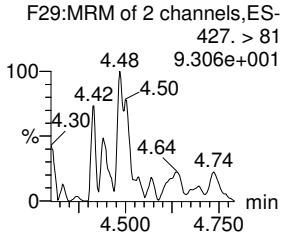




6:2 FTS





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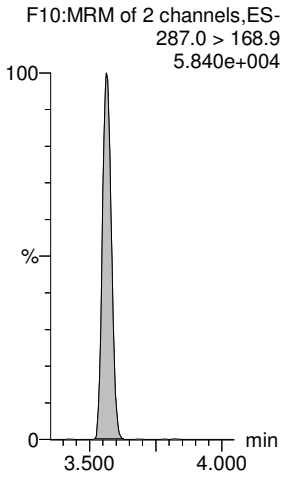

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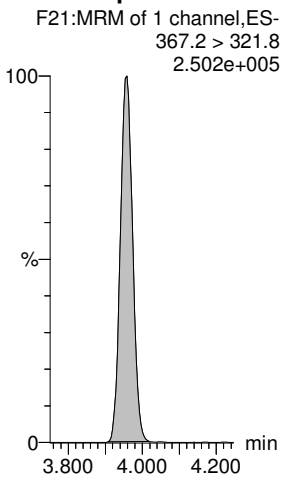

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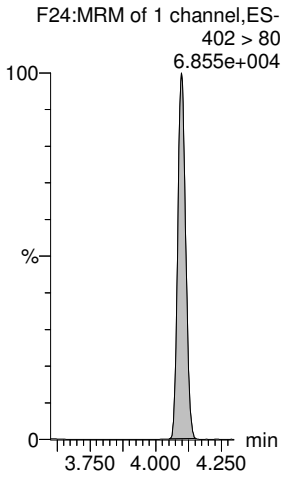

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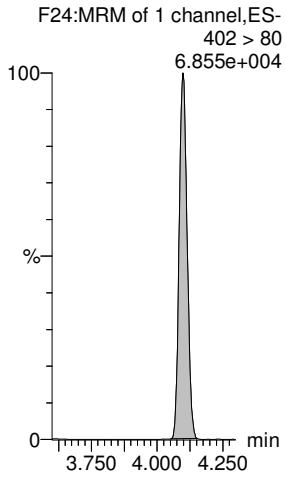

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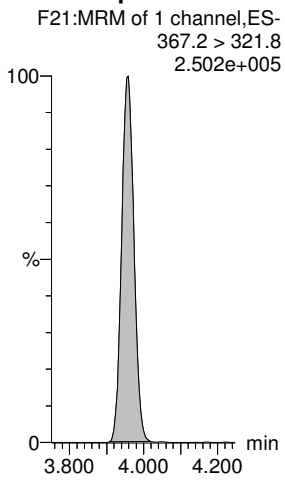

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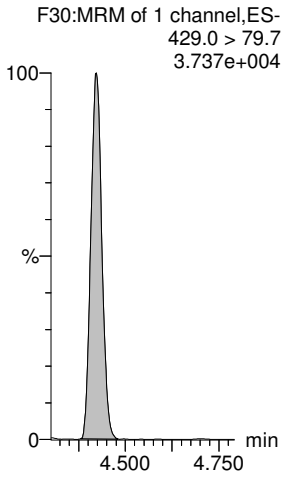

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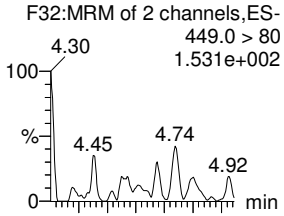
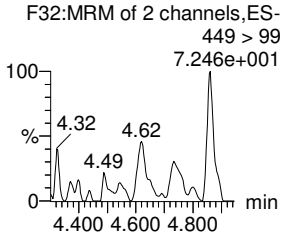
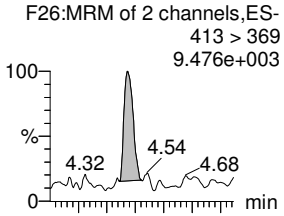
Name: 200706P1-75, Date: 06-Jul-2020, Time: 23:25:56, ID: 2001276-02 MW-20-01 0.25109, Description: MW-20-01

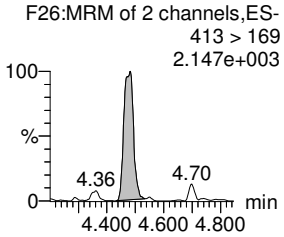
PFHpS





L-PFOA





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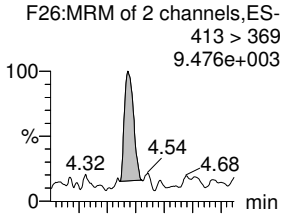

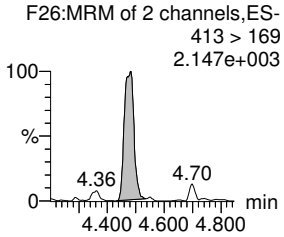

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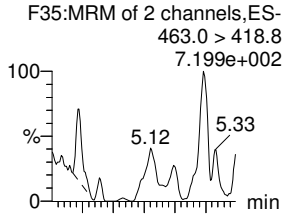

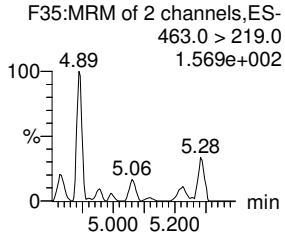

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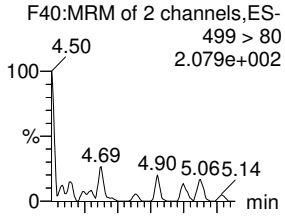

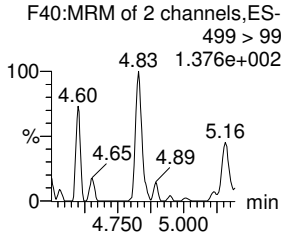

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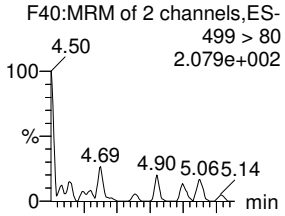
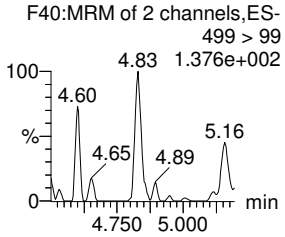
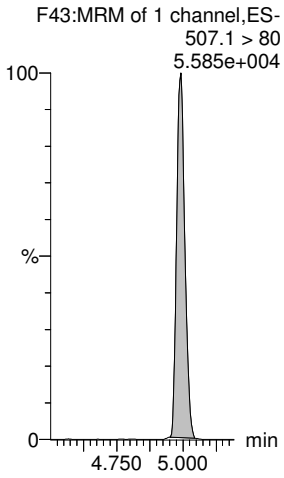




13C8-PFOS-EIS



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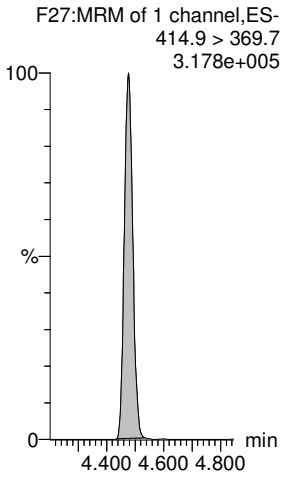

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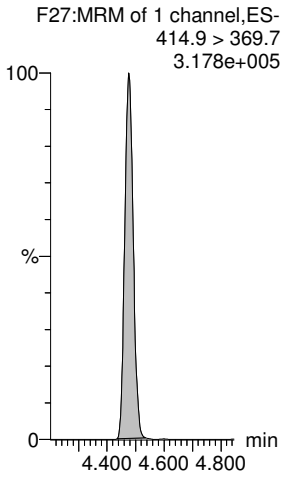

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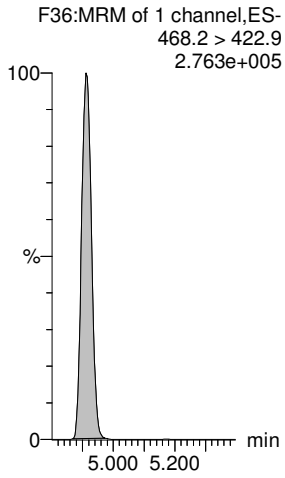
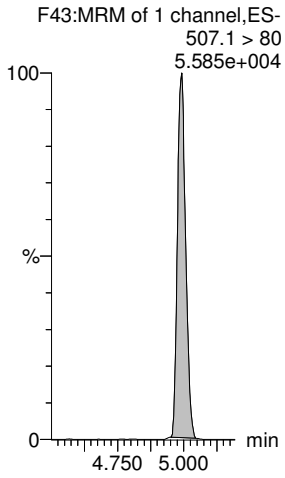


13C8-PFOS-EIS



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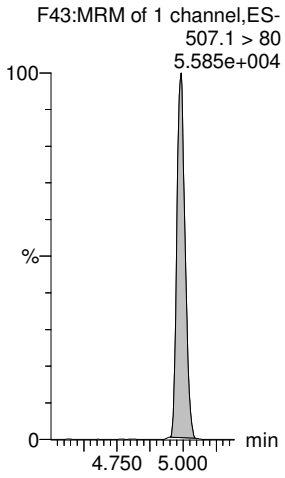

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Name: 200706P1-75, Date: 06-Jul-2020, Time: 23:25:56, ID: 2001276-02 MW-20-01 0.25109, Description: MW-20-01

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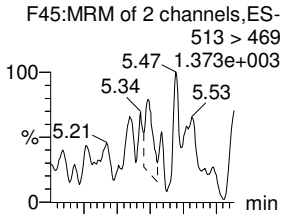

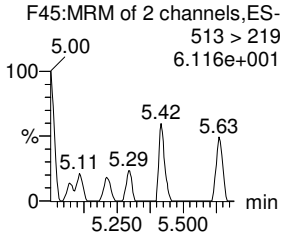

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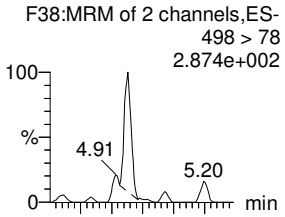

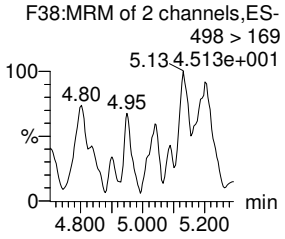

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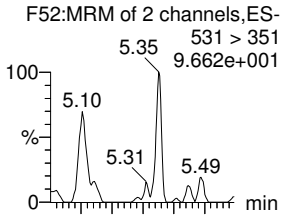
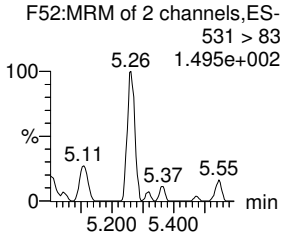
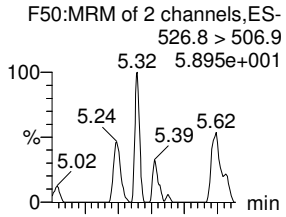
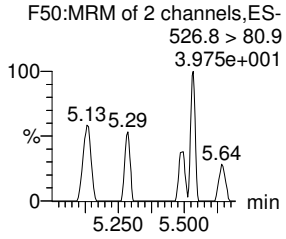




8:2 FTS





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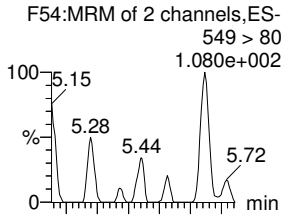

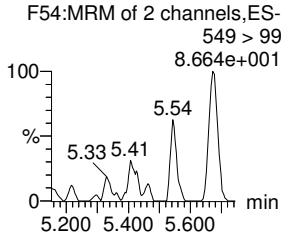

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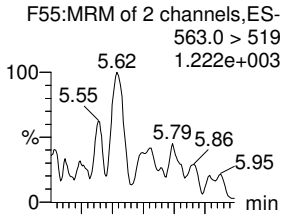
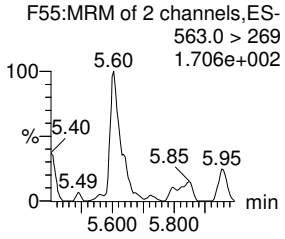
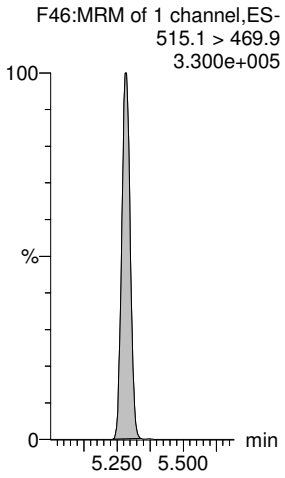




13C2-PFDA-EIS



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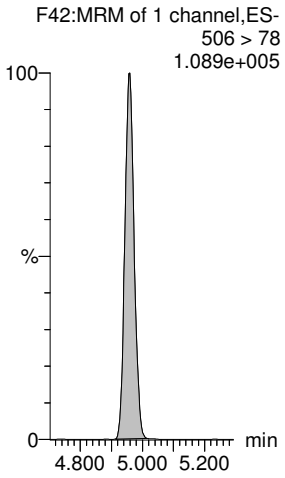

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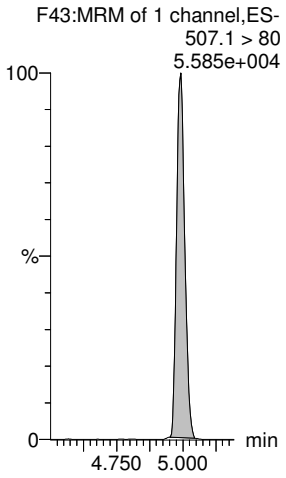
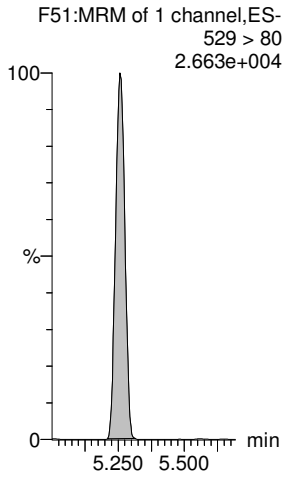


13C2-8:2 FTS-EIS



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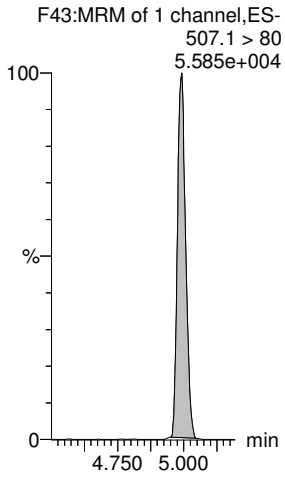
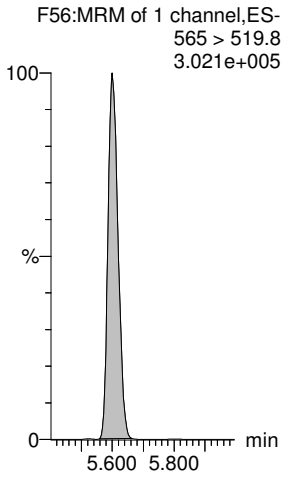


13C2-PFUdA-EIS



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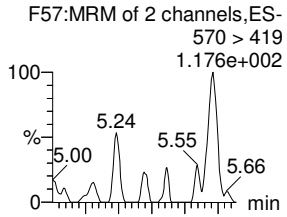

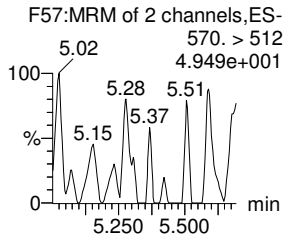

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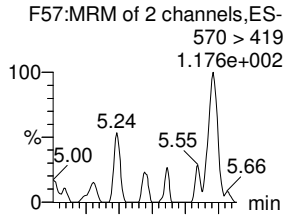

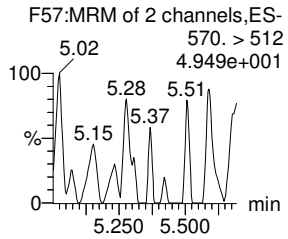

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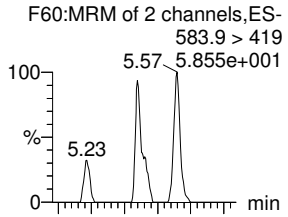

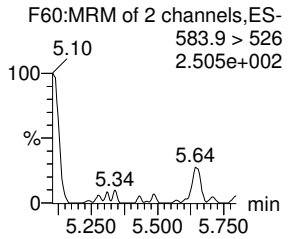

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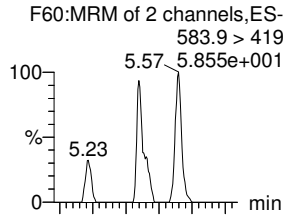
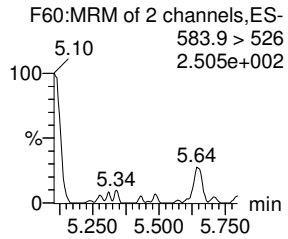
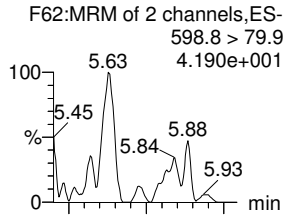
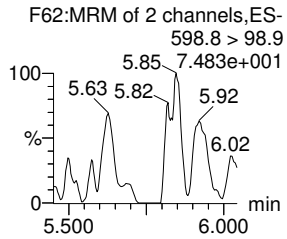


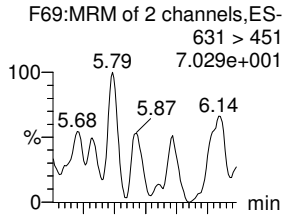


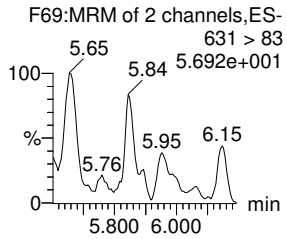
PFDS





11Cl-PF30UdS





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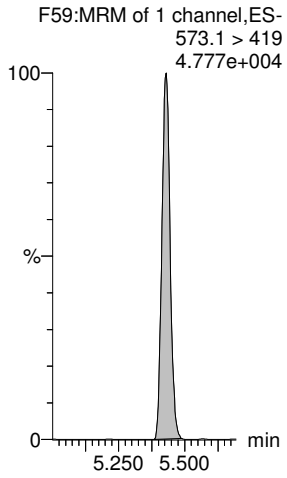

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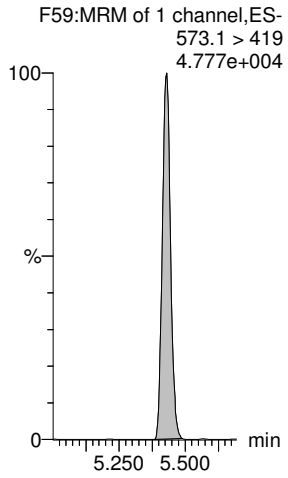

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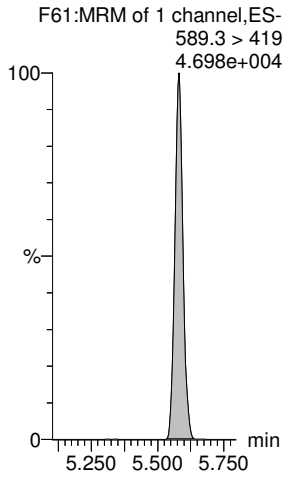
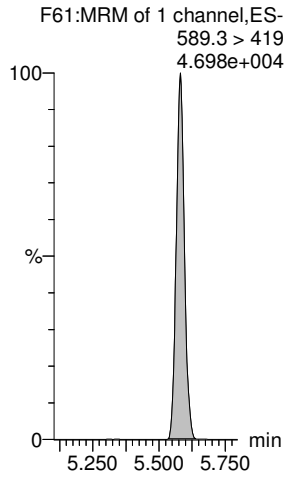
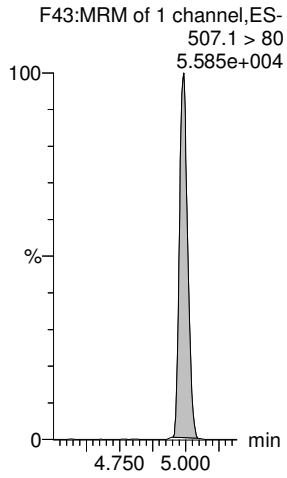


d5-N-EtFOSAA-EIS



13C8-PFOS-EIS



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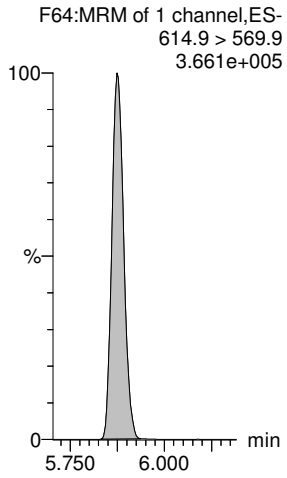

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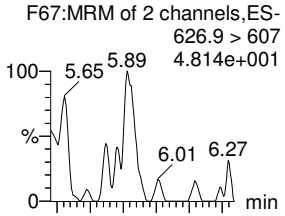
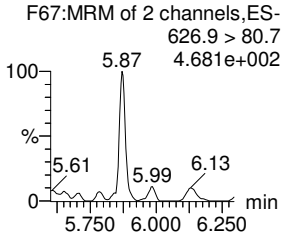
10:2 FTS





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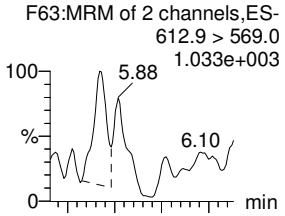
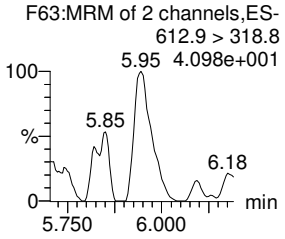
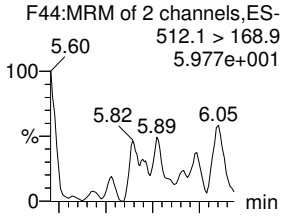
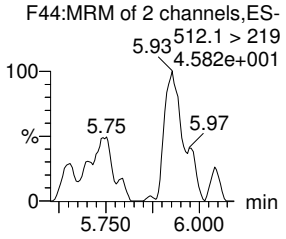




N-MeFOSA





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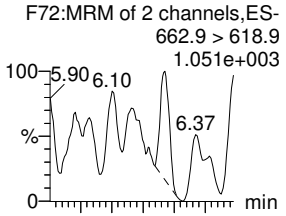

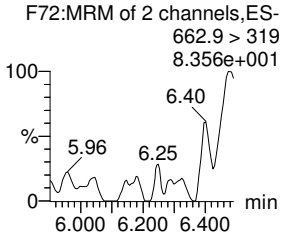

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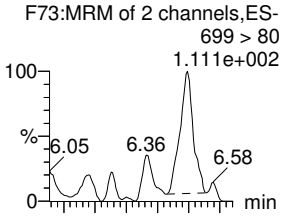
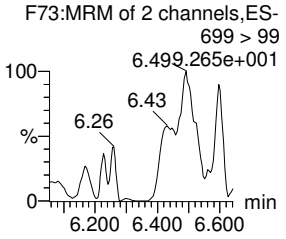
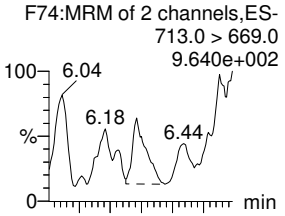
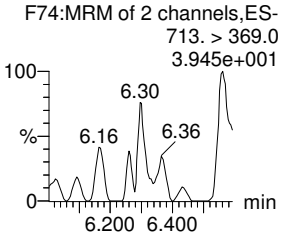


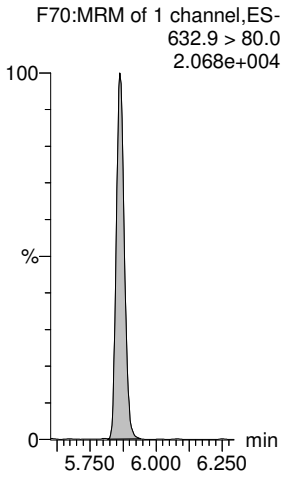


PFTeDA

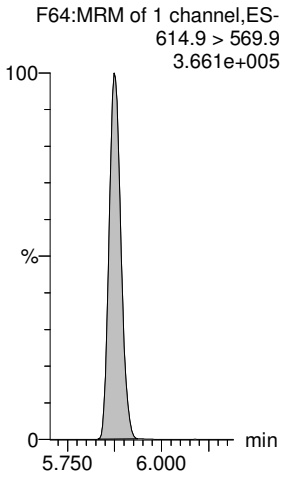




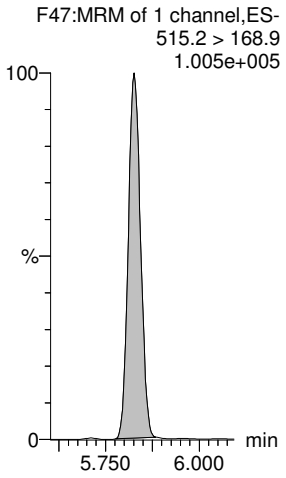
13C2-10:2 FTS-EIS



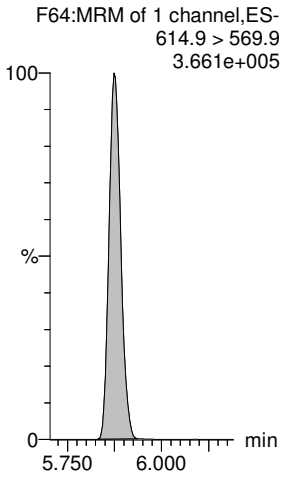
13C2-PFDoA-EIS



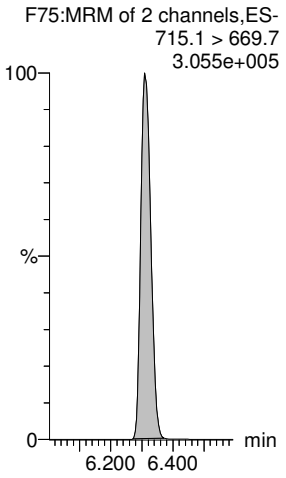
d3-N-MeFOSA-EIS



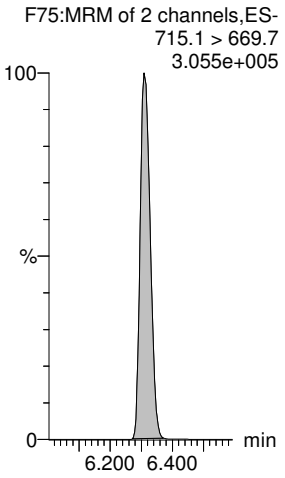
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

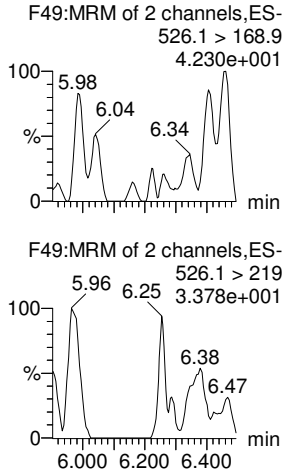


Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

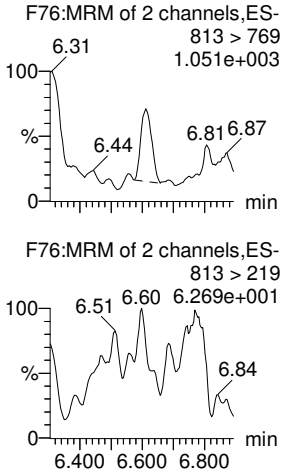
Last Altered: Tuesday, July 07, 2020 15:41:07 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 15:42:43 Pacific Daylight Time

Name: 200706P1-75, Date: 06-Jul-2020, Time: 23:25:56, ID: 2001276-02 MW-20-01 0.25109, Description: MW-20-01

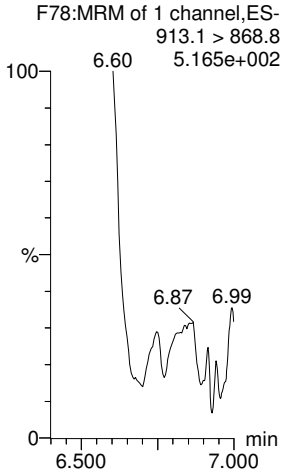
N-EtFOSA



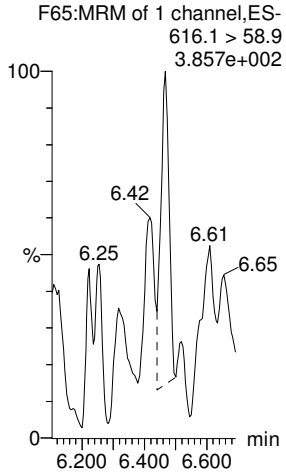
PFHxDA



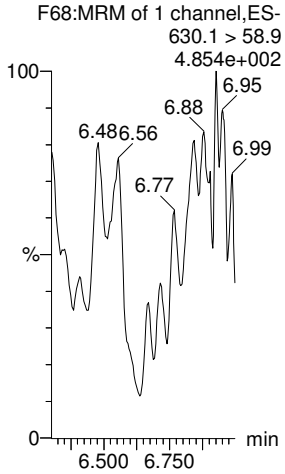
PFODA



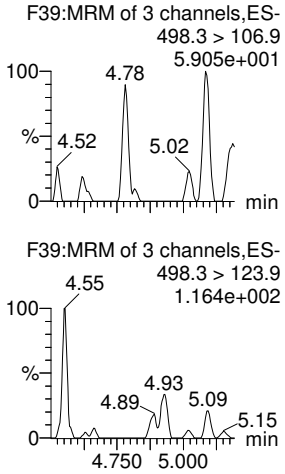
N-MeFOSE



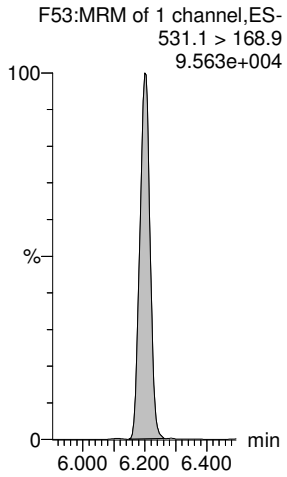
N-EtFOSE



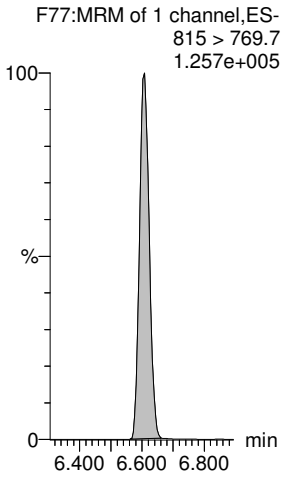
TDCA



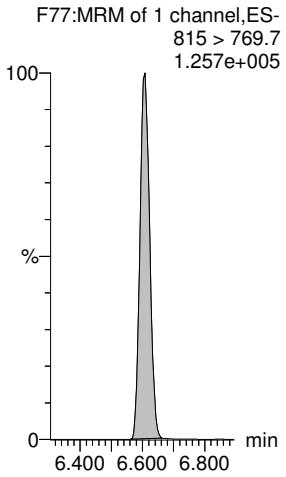
d5-N-ETFOSA-EIS



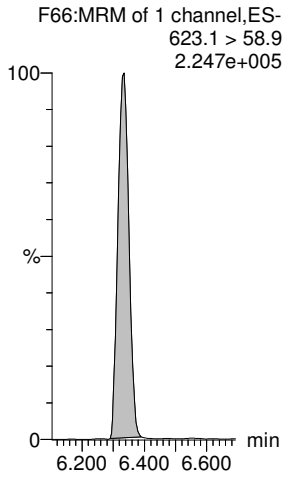
13C2-PFHxDA-EIS



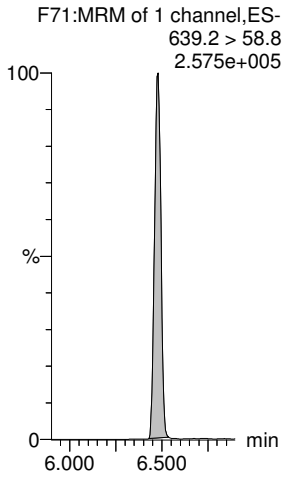
13C2-PFHxDA-EIS



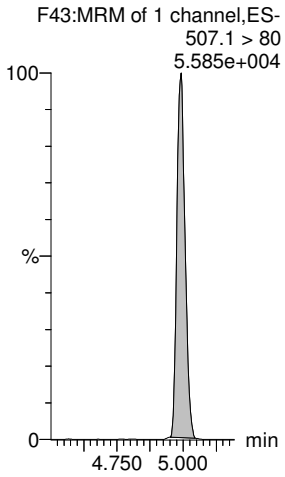
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



Vista Analytical Laboratory

OC 7/10/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200709M1\200709M1-29.qld

Last Altered: Friday, July 10, 2020 15:22:35 Pacific Daylight Time
Printed: Friday, July 10, 2020 15:23:01 Pacific Daylight Time

Name: 200709M1_29, Date: 09-Jul-2020, Time: 20:53:25, ID: 2001276-02 MW-20-01 0.25109, Description: MW-20-01

	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	43	PFHxDA	813.1 > 768.6		5.329e3	0.251		6.43						YES
2	44	PFODA	913 > 869		5.329e3	0.251		6.65						
3	95	13C2-PFHxDA-EIS	815 > 769.7	5.329e3		0.251	1913.816	6.43	6.43	5330	11.089	22.3		
4	95	13C2-PFHxDA-EIS	815 > 769.7	5.329e3		0.251	1913.816	6.43	6.43	5330	11.089	22.3		

AMR 7/10/2020

Vista Analytical Laboratory

OC 7/10/2020

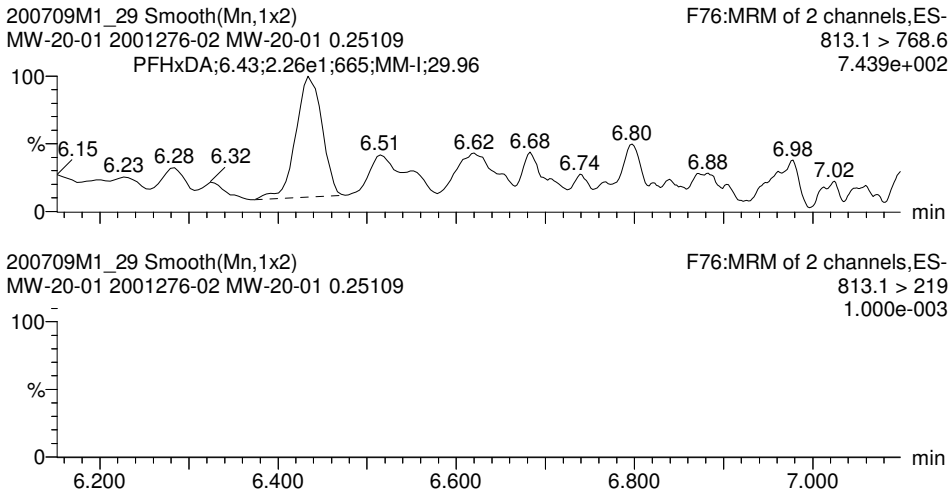
Dataset: Z:\Projects\PFAS.PRO\Results\200709M1\200709M1-29.qld

Last Altered: Friday, July 10, 2020 15:22:35 Pacific Daylight Time
Printed: Friday, July 10, 2020 15:23:01 Pacific Daylight Time

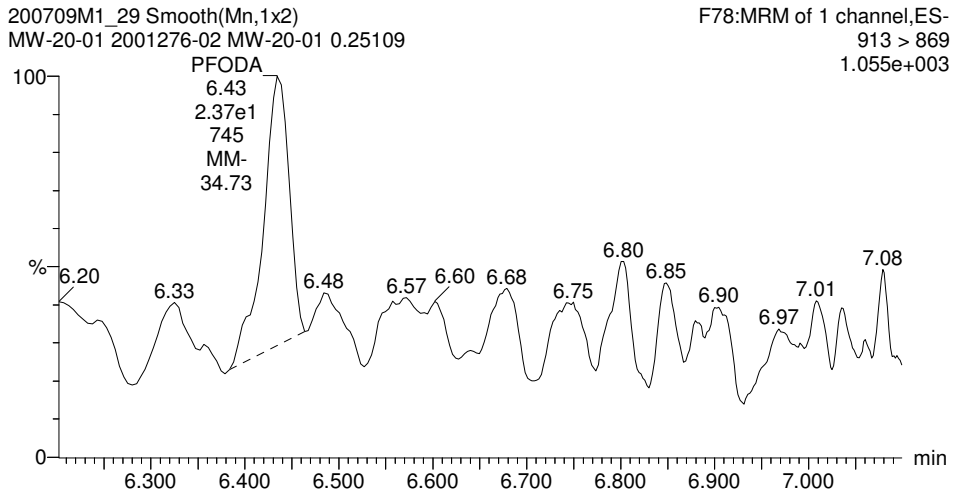
Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070920.mdb 10 Jul 2020 11:48:11
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-09-20.cdb 10 Jul 2020 10:31:20

Name: 200709M1_29, Date: 09-Jul-2020, Time: 20:53:25, ID: 2001276-02 MW-20-01 0.25109, Description: MW-20-01

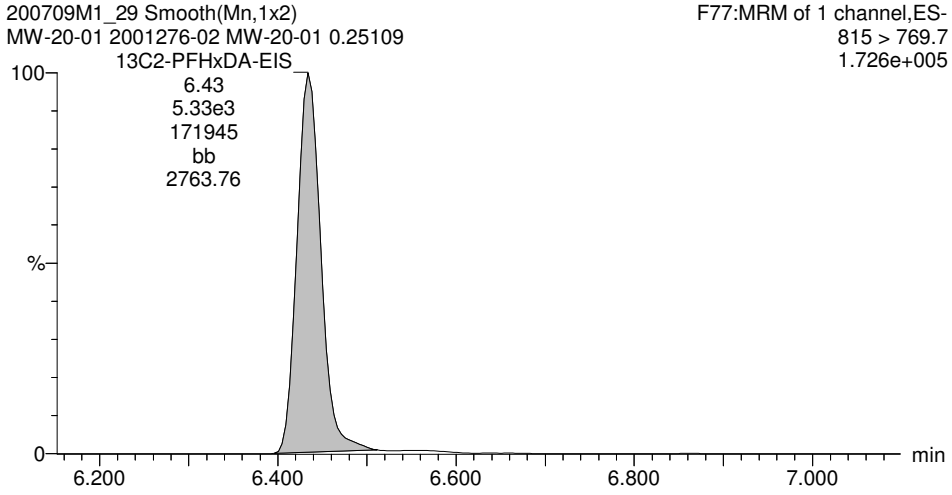
PFHxDA



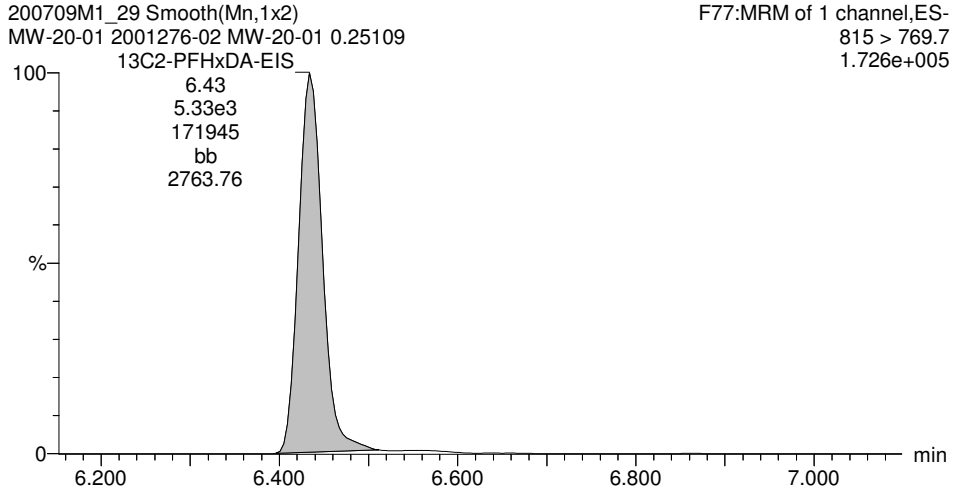
PFODA



13C2-PFHxDA-EIS



13C2-PFHxDA-EIS



AMR 7/10/2020

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

Last Altered: Tuesday, July 07, 2020 15:41:07 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 15:45:27 Pacific Daylight Time

Name: 200706P1-76, Date: 06-Jul-2020, Time: 23:36:27, ID: 2001276-03 Field Blank 0.24862, Description: Field Blank

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		6.460e3	0.249	1.58						
2	4	PFPeA	263.1 > 218.9		9.421e3	0.249	2.56						
3	5	PFBS	299.0 > 80		1.041e3	0.249	2.84						YES
4	6	4:2 FTS	326.9 > 306.9		9.833e2	0.249	3.28						YES
5	7	PFHxA	313.0 > 269.0		1.003e4	0.249	3.36						YES
6	8	PFPeS	349.>80		1.041e3	0.249	3.76						YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	6.460e3		0.249	1.63	1.58	6460.496	37.680	74.9		
8	49	13C3-PFPeA-EIS	266.0 > 221.8	9.421e3		0.249	2.76	2.56	9421.136	39.407	78.4		
9	51	13C3-PFBS-EIS	302.0 > 98.9	1.041e3		0.249	2.87	2.84	1040.508	40.240	80.0		
10	55	13C2-4:2 FTS-EIS	329.0 >80.8	9.833e2		0.249	3.31	3.28	983.321	39.197	78.0		
11	57	13C2-PFHxA-EIS	315.0 > 270.0	1.003e4		0.249	3.38	3.36	10029.162	36.997	73.6		
12	51	13C3-PFBS-EIS	302.0 > 98.9	1.041e3		0.249	2.87	2.84	1040.508	40.240	80.0		
13	-1												
14	9	HFPO-DA	285.1 > 168.9		2.273e3	0.249	3.56						YES
15	11	PFHpA	363.0 > 319		9.404e3	0.249	3.96						YES
16	13	L-PFHxS	399 > 79.9		2.243e3	0.249	4.10						YES
17	1...	Total PFHxS	399 > 79.9	0.000e0	2.243e3	0.249	3.93		0.000				
18	12	ADONA	376.8 > 250.9		9.404e3	0.249	4.05						YES
19	15	6:2 FTS	427.0 > 407		1.208e3	0.249	4.42						YES
20	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2.273e3		0.249	3.59	3.56	2272.638	40.046	79.7		
21	59	13C4-PFHpA-EIS	367.2 > 321.8	9.404e3		0.249	3.98	3.96	9403.681	38.472	76.5		
22	61	13C3-PFHxS-EIS	402 > 80	2.243e3		0.249	4.13	4.10	2243.438	40.995	81.5		
23	61	13C3-PFHxS-EIS	402 > 80	2.243e3		0.249	4.13	4.10	2243.438	40.995	81.5		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	9.404e3		0.249	3.98	3.96	9403.681	38.472	76.5		
25	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.208e3		0.249	4.45	4.42	1207.979	37.740	75.1		
26	-1												
27	19	PFHpS	449.0 > 80		2.286e3	0.249	4.53						YES
28	16	L-PFOA	413 > 369		1.109e4	0.249	4.48						YES
29	1...	Total PFOA	413 > 369	0.000e0	1.109e4	0.249	4.60		0.000				
30	21	PFNA	463.0 > 418.8		1.177e4	0.249	4.91						YES
31	23	L-PFOS	499 > 80		2.286e3	0.249	4.99						YES
32	1...	Total PFOS	499> 80	0.000e0	2.286e3	0.249	4.60		0.000				
33	71	13C8-PFOS-EIS	507.1 > 80	2.286e3		0.249	5.02	4.99	2286.126	40.775	81.1		
34	69	13C2-PFOA-EIS	414.9 > 369.7	1.109e4		0.249	4.67	4.48	11090.230	38.640	76.9		
35	69	13C2-PFOA-EIS	414.9 > 369.7	1.109e4		0.249	4.67	4.48	11090.230	38.640	76.9		
36	65	13C5-PFNA-EIS	468.2 > 422.9	1.177e4		0.249	5.13	4.91	11769.545	39.022	77.6		

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

Last Altered: Tuesday, July 07, 2020 15:41:07 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 15:45:27 Pacific Daylight Time

Name: 200706P1-76, Date: 06-Jul-2020, Time: 23:36:27, ID: 2001276-03 Field Blank 0.24862, Description: Field Blank

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2.286e3		0.249	5.02	4.99	2286.126	40.775	81.1		
38	71	13C8-PFOS-EIS	507.1 > 80	2.286e3		0.249	5.02	4.99	2286.126	40.775	81.1		
39	-1												
40	26	PFDA	513 > 469		1.382e4	0.249	5.29						YES
41	22	PFOSA	498 > 78		2.543e3	0.249	4.96						YES
42	25	9Cl-PF30NS	531 > 351		2.286e3	0.249	5.21						YES
43	27	8:2 FTS	526.8 > 506.9		9.777e2	0.249	5.26						YES
44	28	PFNS	549 > 80		2.286e3	0.249	5.35						YES
45	33	PFUdA	563.0 > 519		1.239e4	0.249	5.60						YES
46	73	13C2-PFDA-EIS	515.1 > 469.9	1.382e4		0.249	5.31	5.29	13817.179	37.262	74.1		
47	67	13C8-PFOSA-EIS	506 > 78	2.543e3		0.249	4.99	4.96	2542.661	17.899	35.6		
48	71	13C8-PFOS-EIS	507.1 > 80	2.286e3		0.249	5.02	4.99	2286.126	40.775	81.1		
49	75	13C2-8:2 FTS-EIS	529 > 80	9.777e2		0.249	5.29	5.26	977.721	35.637	70.9		
50	71	13C8-PFOS-EIS	507.1 > 80	2.286e3		0.249	5.02	4.99	2286.126	40.775	81.1		
51	79	13C2-PFUdA-EIS	565 > 519.8	1.239e4		0.249	5.54	5.60	12391.420	31.518	62.7		
52	-1												
53	29	L-MeFOSAA	570 > 419		2.701e3	0.249	5.43						YES
54	1...	Total N-MeFOSAA	570. > 419	0.000e0	2.701e3	0.249	5.19		0.000				
55	31	L-EtFOSAA	583.9 > 419	1.053e1	2.623e3	0.249	5.58	5.59	0.050	0.328		1.175	NO
56	1...	Total N-EtFOSAA	583.9 > 419	1.053e1	2.623e3	0.249	5.37		0.050	0.328			
57	34	PFDS	598.8 >79.9		2.286e3	0.249	5.74						YES
58	35	11Cl-PF30UdS	631 > 451		1.561e4	0.249	5.81						YES
59	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.701e3		0.249	5.46	5.43	2700.805	32.803	65.2		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	2.701e3		0.249	5.46	5.43	2700.805	32.803	65.2		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.623e3		0.249	5.61	5.58	2622.799	33.603	66.8		
62	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.623e3		0.249	5.61	5.58	2622.799	33.603	66.8		
63	71	13C8-PFOS-EIS	507.1 > 80	2.286e3		0.249	5.02	4.99	2286.126	40.775	81.1		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	1.561e4		0.249	6.13	5.88	15614.237	33.612	66.9		
65	-1												
66	36	10:2 FTS	626.9 > 607		8.317e2	0.249	5.86						YES
67	37	PFDoA	612.9 > 569.0		1.561e4	0.249	5.88						YES
68	38	N-MeFOSA	512.1 > 168.9		3.244e3	0.249	5.82						YES
69	39	PFTrDA	662.9 > 618.9		1.561e4	0.249	6.14						YES
70	40	PFDoS	699 > 80		1.382e4	0.249	6.11						YES
71	41	PFTeDA	713.0 > 669.0		1.382e4	0.249	6.31						YES
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	8.317e2		0.249	5.89	5.86	831.690	30.793	61.2		

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

Last Altered: Tuesday, July 07, 2020 15:41:07 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 15:45:27 Pacific Daylight Time

Name: 200706P1-76, Date: 06-Jul-2020, Time: 23:36:27, ID: 2001276-03 Field Blank 0.24862, Description: Field Blank

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	1.561e4		0.249	6.13	5.88	15614.237	33.612	66.9		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.244e3		0.249	5.72	5.83	3243.529	94.274	15.7		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	1.561e4		0.249	6.13	5.88	15614.237	33.612	66.9		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.382e4		0.249	6.34	6.31	13815.860	29.158	58.0		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.382e4		0.249	6.34	6.31	13815.860	29.158	58.0		
78	-1												
79	42	N-EtFOSA	526.1 > 168.9		3.067e3	0.249	6.18						YES
80	43	PFHxDA	813 > 769		1.309e4	0.249	6.61						YES
81	44	PFODA	913.1 > 868.8		1.309e4	0.249	6.82						
82	45	N-MeFOSE	616.1 > 58.9		6.192e3	0.249	6.33						
83	46	N-EtFOSE	630.1 > 58.9		6.730e3	0.249	6.48						
84	1...	TDCA	498.3>106.9			0.249	4.47						YES
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.067e3		0.249	6.21	6.20	3066.804	79.462	13.2		
86	93	13C2-PFHxDA-EIS	815 > 769.7	1.309e4		0.249	6.63	6.61	13090.497	24.959	49.6		
87	93	13C2-PFHxDA-EIS	815 > 769.7	1.309e4		0.249	6.63	6.61	13090.497	24.959	49.6		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	6.192e3		0.249	6.33	6.33	6191.985	184.844	30.8		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	6.730e3		0.249	6.48	6.48	6729.783	182.033	30.3		
90	71	13C8-PFOS-EIS	507.1 > 80	2.286e3		0.249	5.02	4.99	2286.126	40.775	81.1		

Vista Analytical Laboratory L36

Review: AMR 7/9/2020

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

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Printed: Tuesday, July 07, 2020 15:45:27 Pacific Daylight Time

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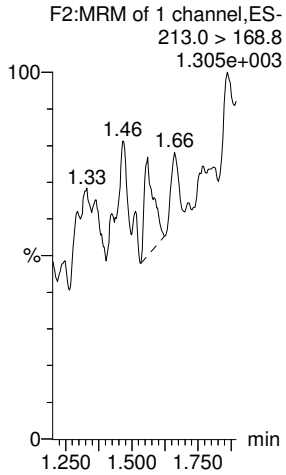

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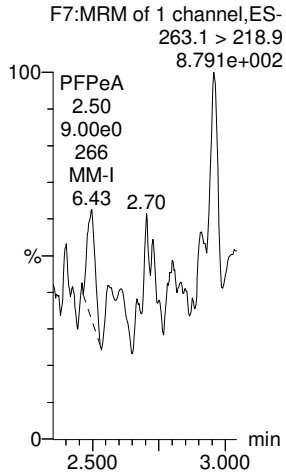

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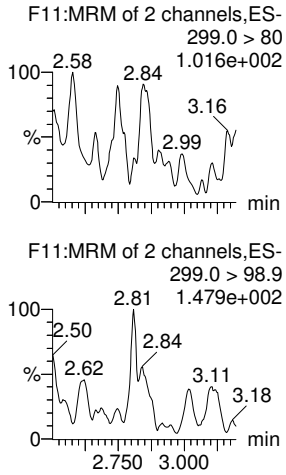

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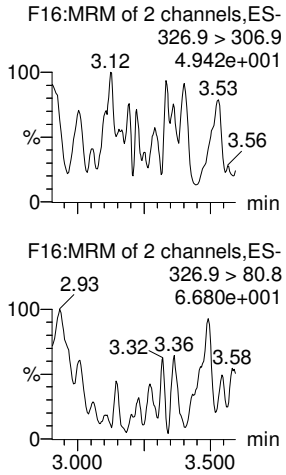

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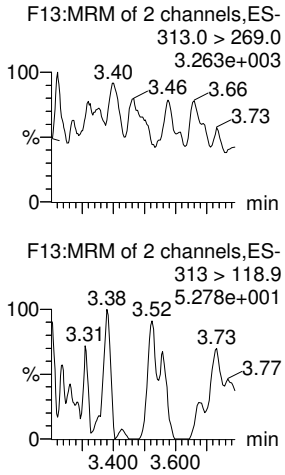

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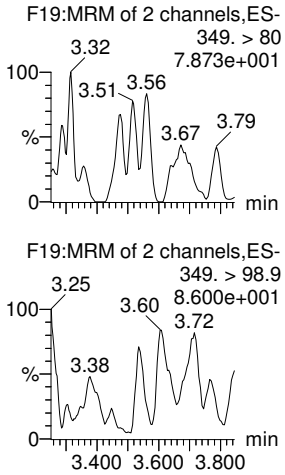

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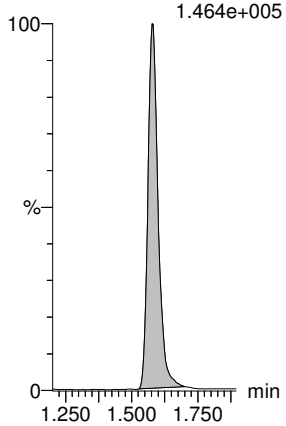

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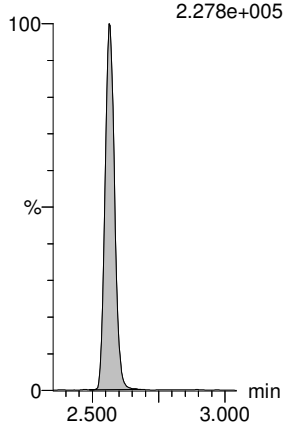

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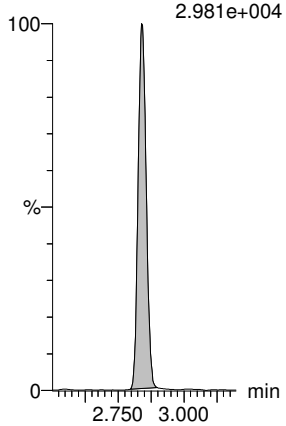

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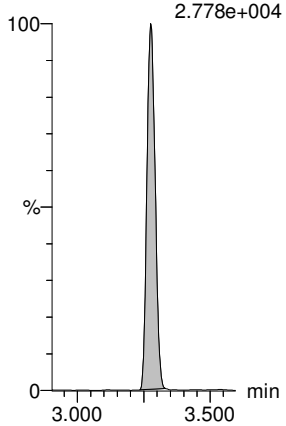

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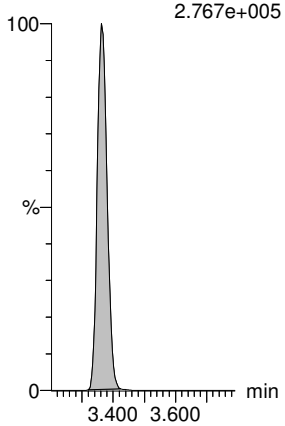

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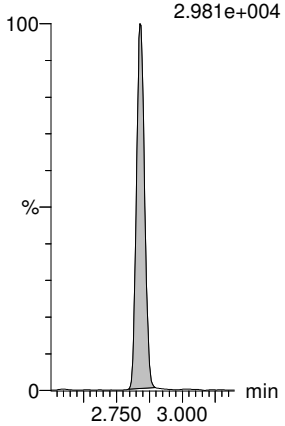

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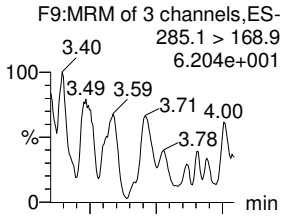

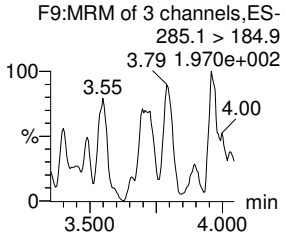

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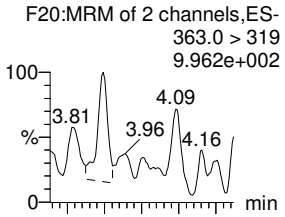

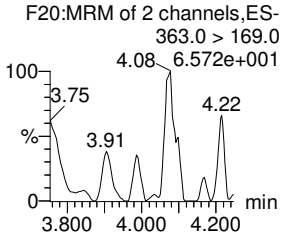

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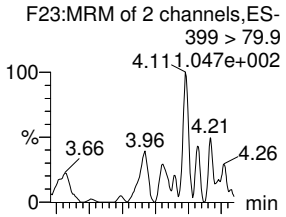

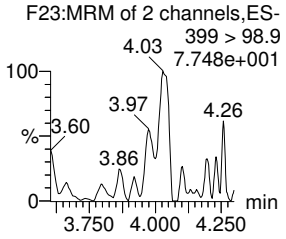

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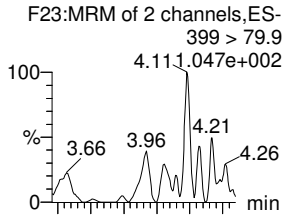

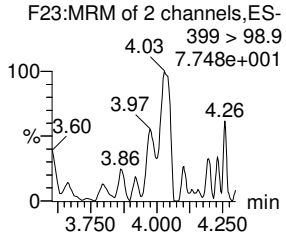

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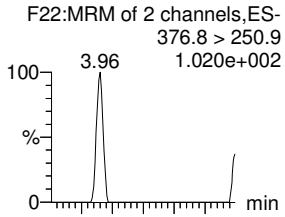

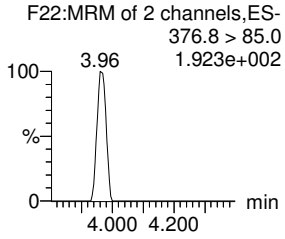

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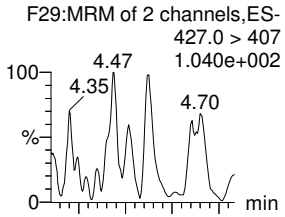

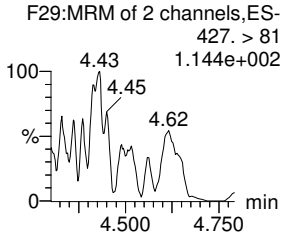

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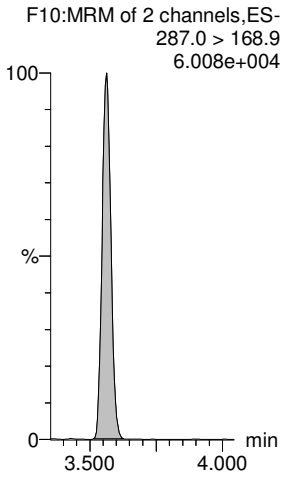

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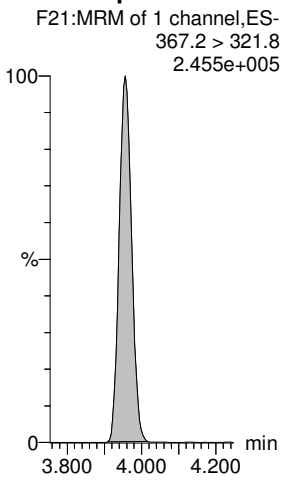

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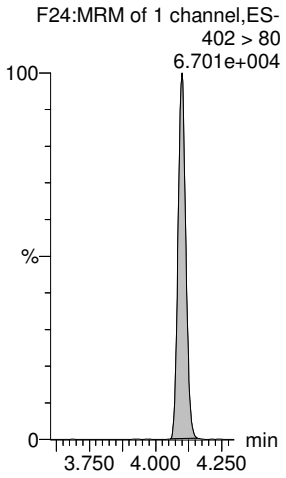

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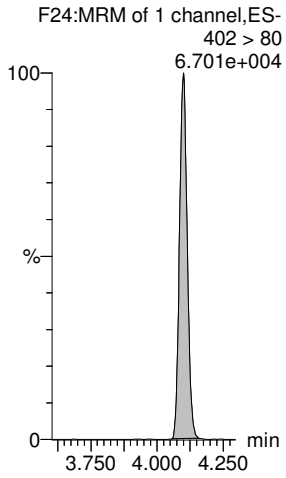

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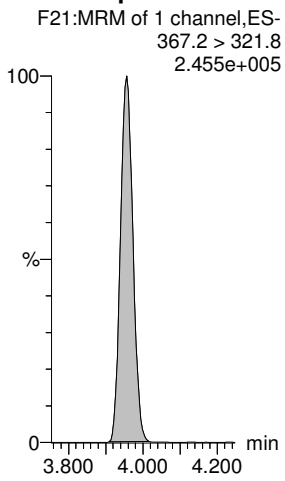

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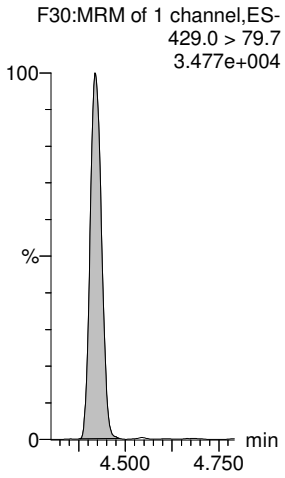

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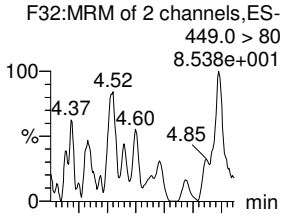

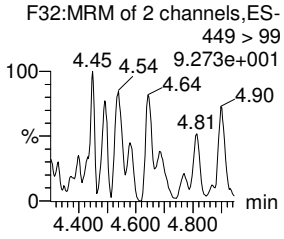

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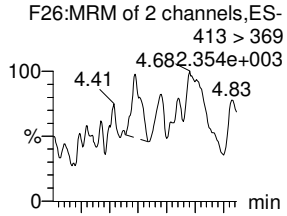

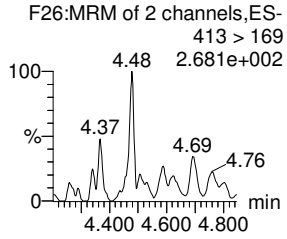

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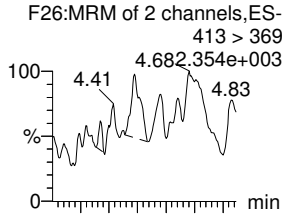

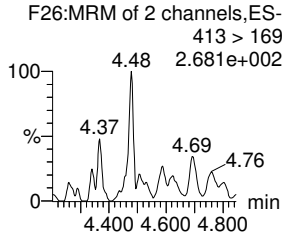

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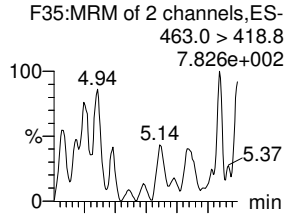

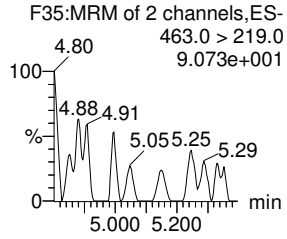

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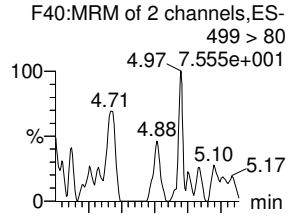

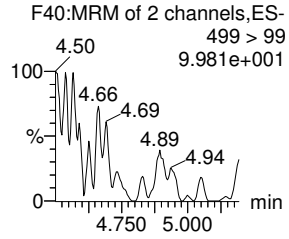

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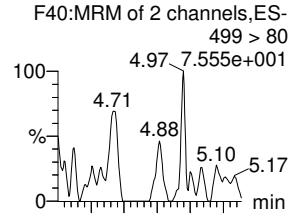

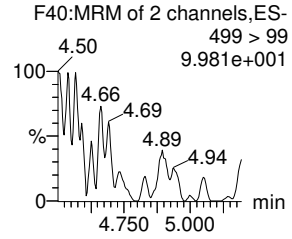

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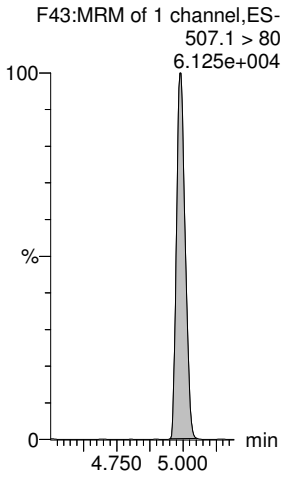

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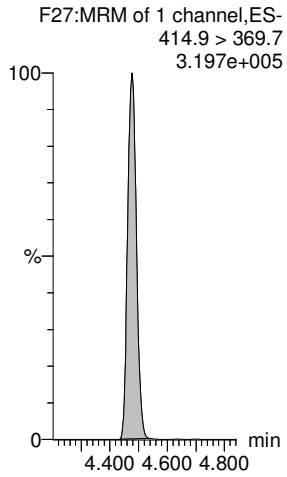

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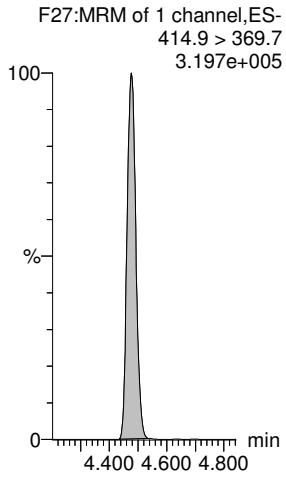

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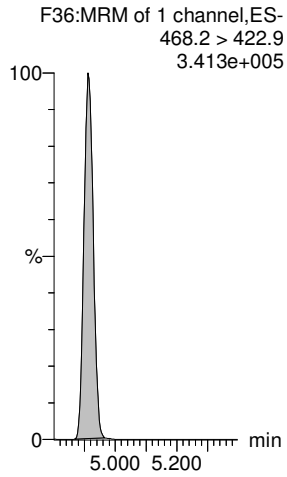

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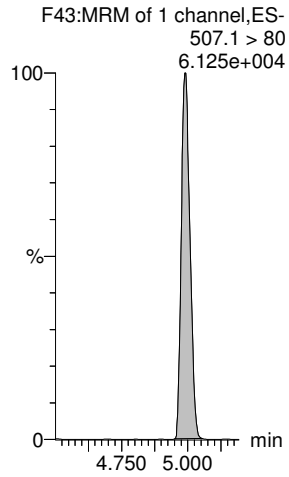

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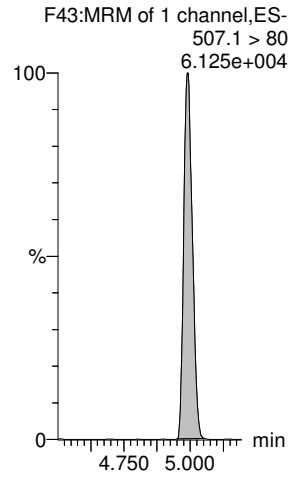

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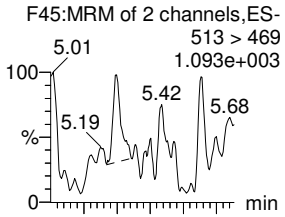

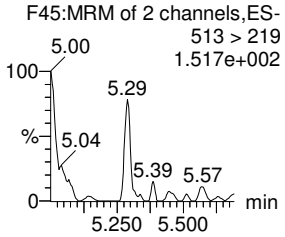

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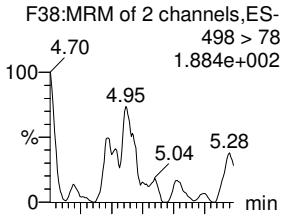
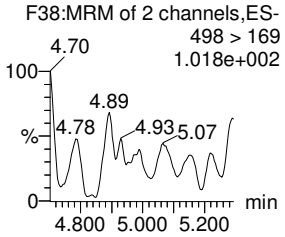
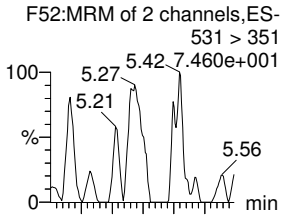
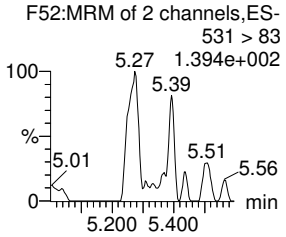




9Cl-PF30NS





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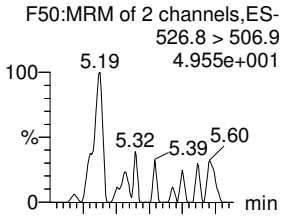

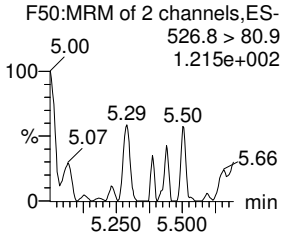

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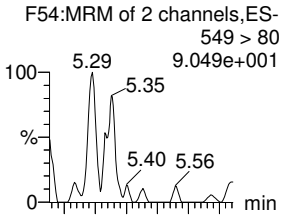

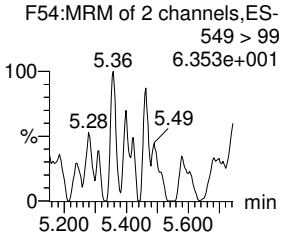

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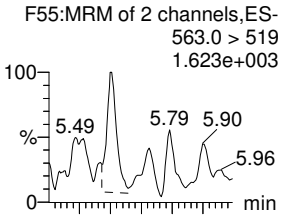
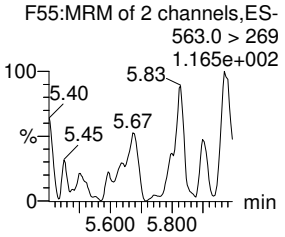
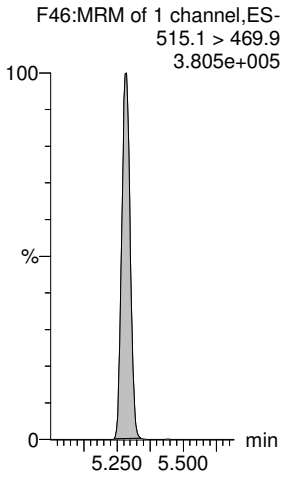




13C2-PFDA-EIS



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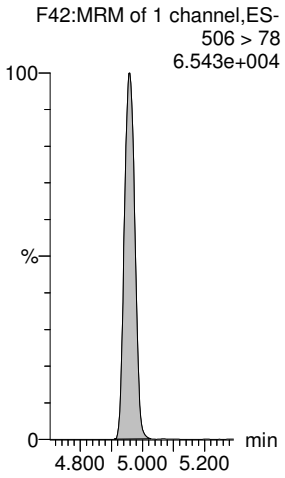

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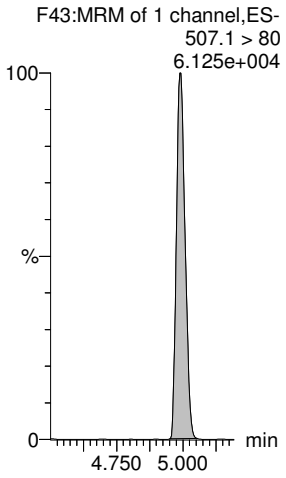

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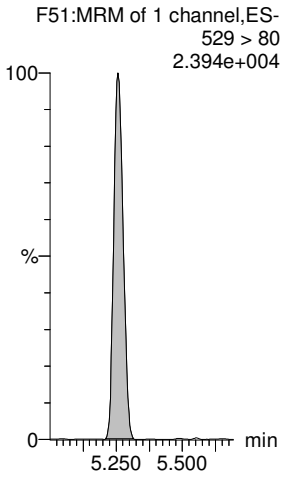

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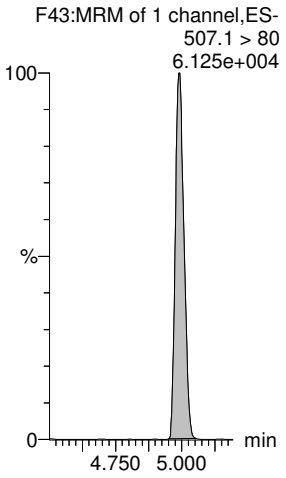

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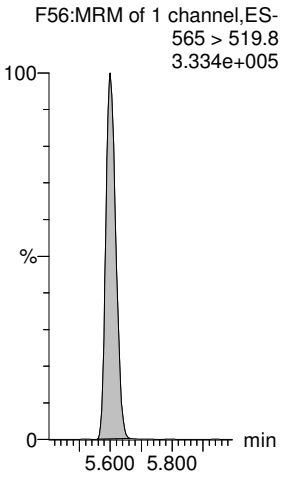

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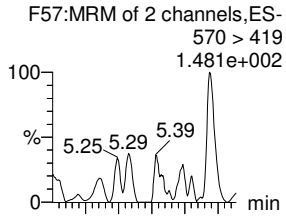

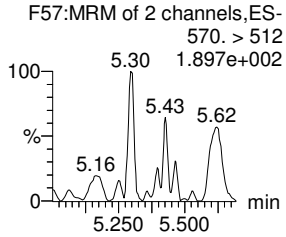

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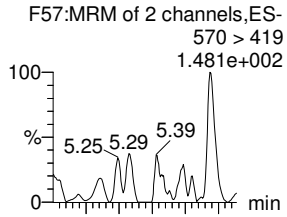

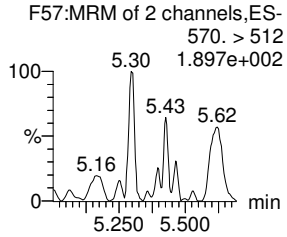

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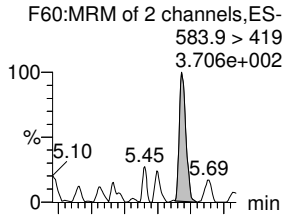

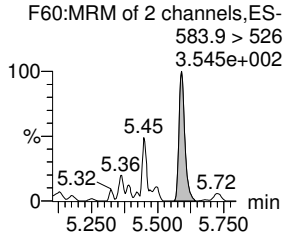

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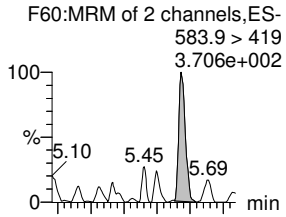

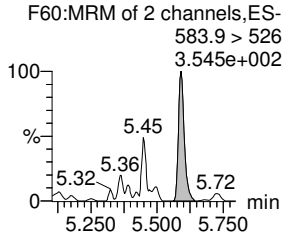

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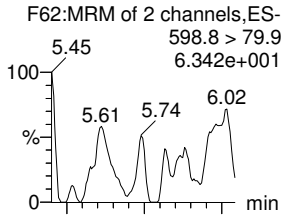

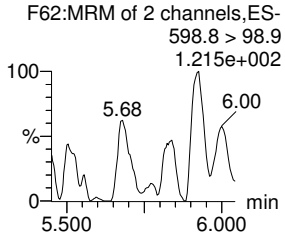

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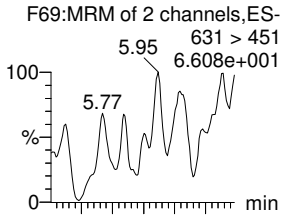

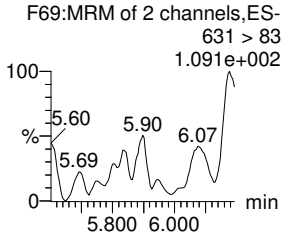

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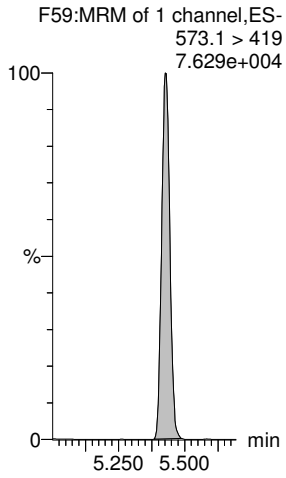

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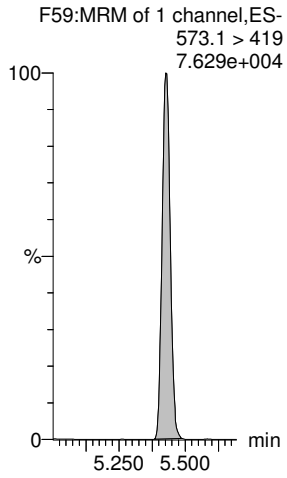

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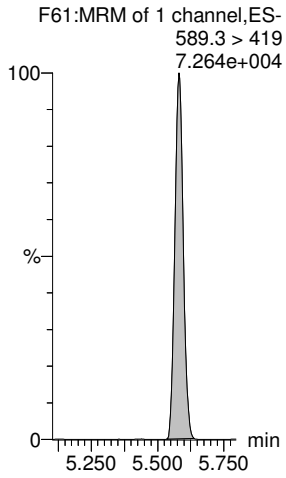

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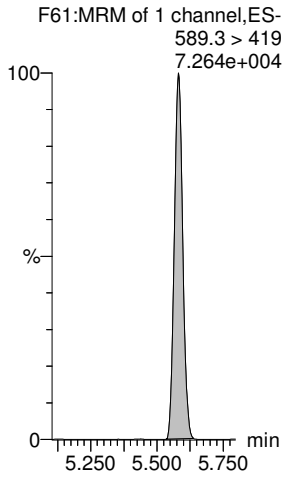

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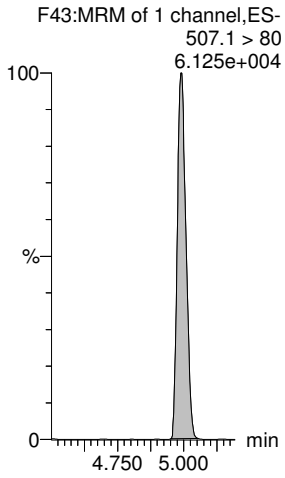

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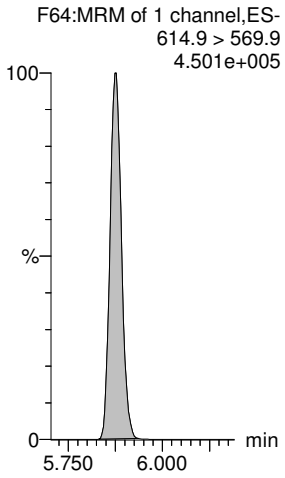

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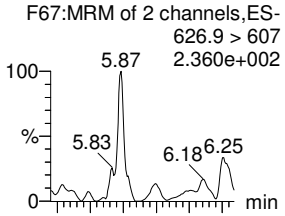

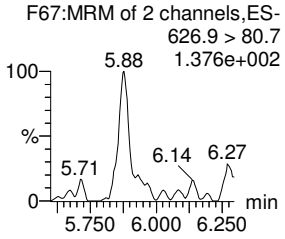

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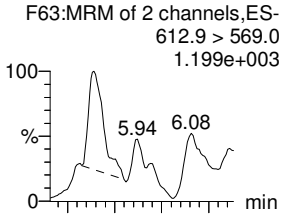

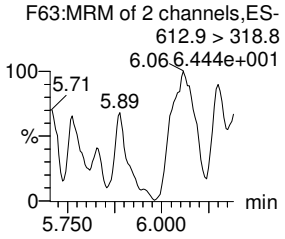

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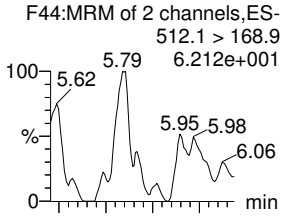

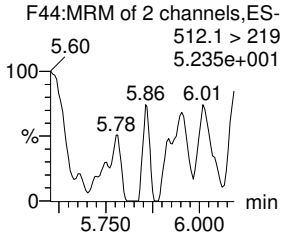

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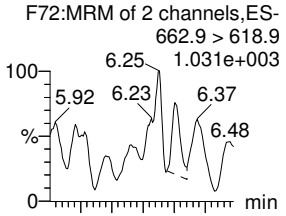

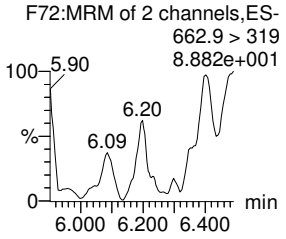

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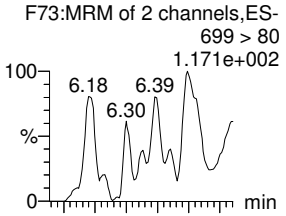

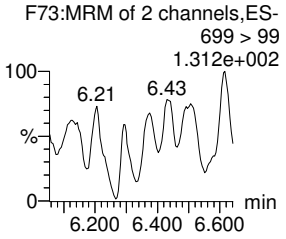

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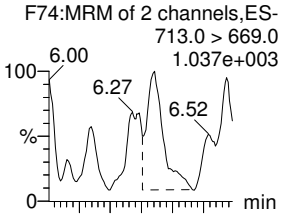

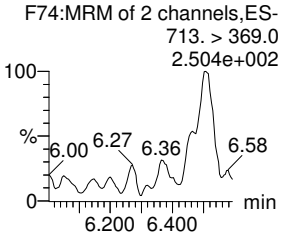

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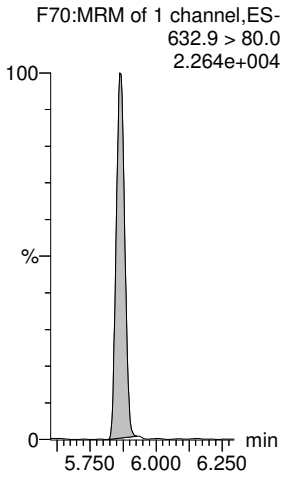

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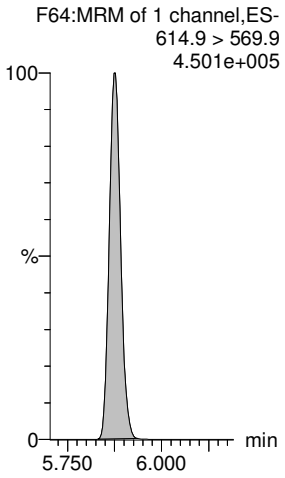

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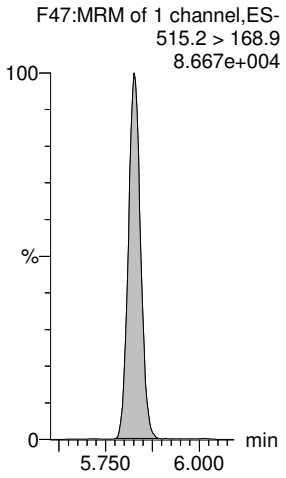

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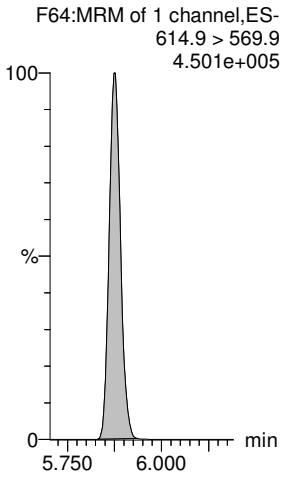

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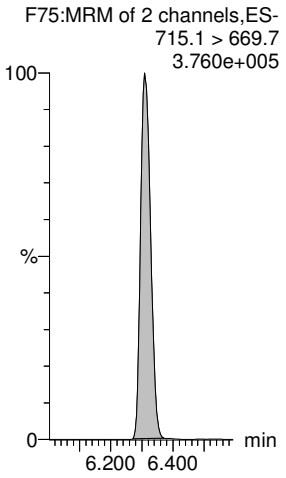

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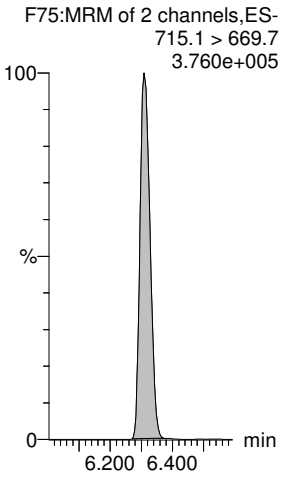

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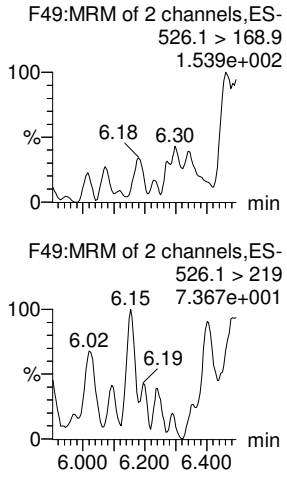

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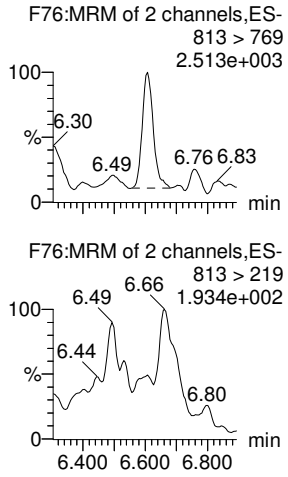

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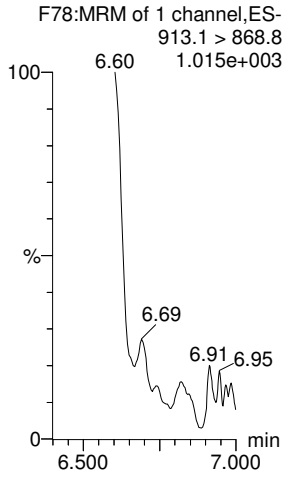

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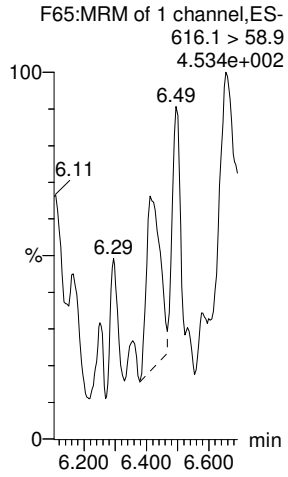

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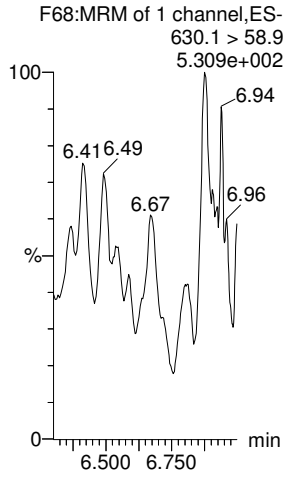

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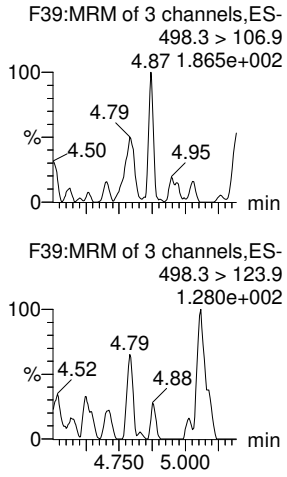
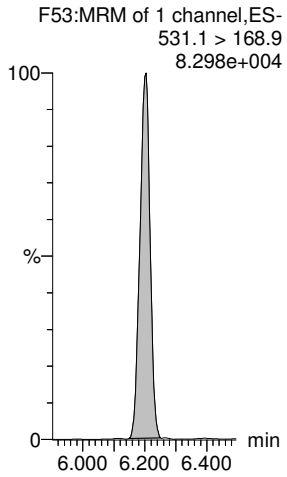


d5-N-ETFOSA-EIS



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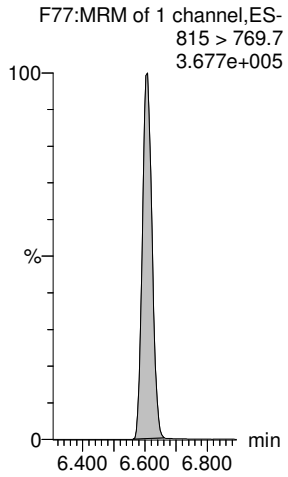

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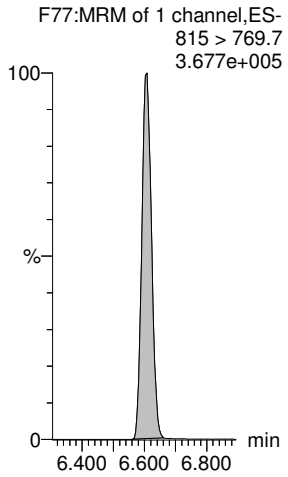
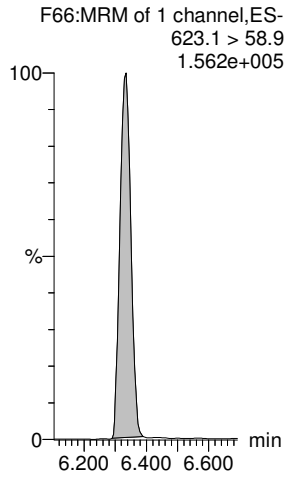
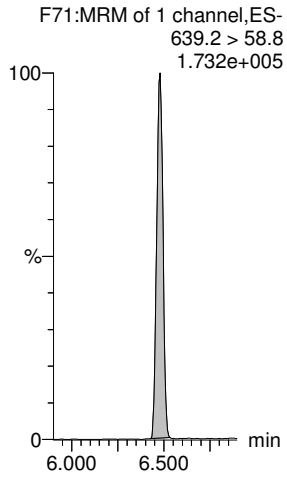


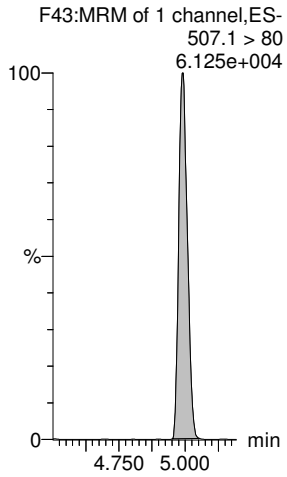
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C8-PFOS-EIS



Vista Analytical Laboratory L24

OC 7/10/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200708M1\200708M1-77.qld

Last Altered: Friday, July 10, 2020 14:48:44 Pacific Daylight Time
Printed: Friday, July 10, 2020 14:49:10 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

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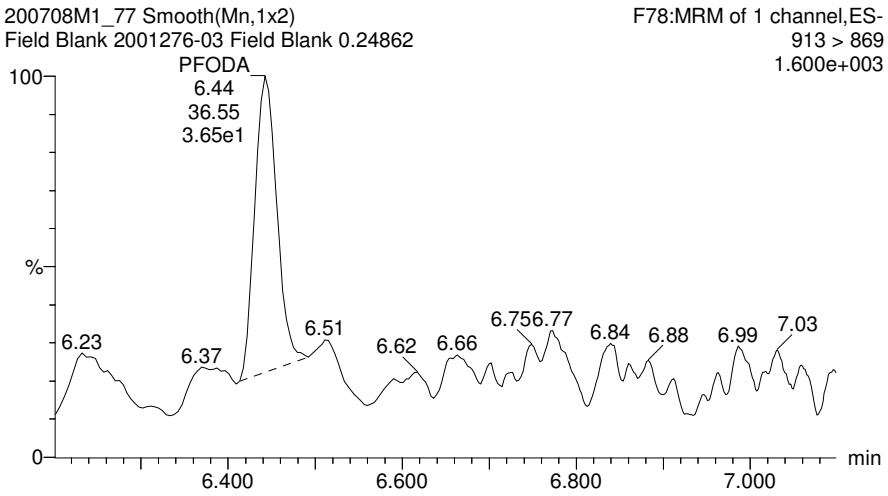
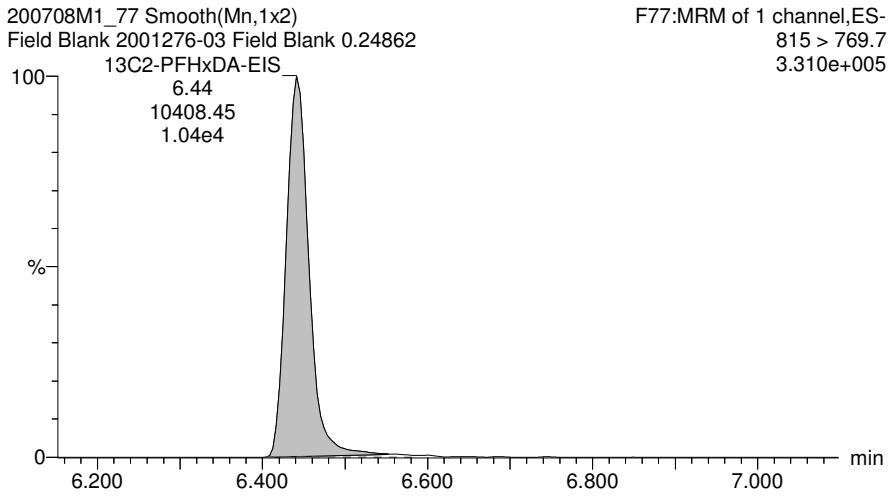
PFODA



13C2-PFHxDA-EIS



	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	44	PFODA	913 > 869		1.041e4	0.249		6.65						
2	95	13C2-PFHxDA-EIS	815 > 769.7	1.041e4		0.249	1990.809	6.45	6.44	10400	21.029	41.8		

AMR 7/10/2020

Dataset: Y:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

Last Altered: Friday, July 10, 2020 14:35:35 Pacific Daylight Time
Printed: Friday, July 10, 2020 14:36:54 Pacific Daylight Time

Name: 200706P1-77, Date: 06-Jul-2020, Time: 23:46:56, ID: 2001276-04 MW-20-02 0.26126, Description: MW-20-02

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		1.942e2	0.261	1.59						
2	4	PFPeA	263.1 > 218.9	5.477e3	2.609e3	0.261	2.55	2.55	26.239	108.563			
3	5	PFBS	299.0 > 80		8.620e2	0.261	2.82						YES
4	6	4:2 FTS	326.9 > 306.9		9.425e2	0.261	3.26						YES
5	7	PFHxA	313.0 > 269.0	3.120e4	9.086e3	0.261	3.34	3.34	42.920	158.373		15.655	NO
6	8	PFPeS	349.>80		8.620e2	0.261	3.72						YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	1.942e2		0.261	1.63	1.59	194.222	1.078	2.3		
8	49	13C3-PFPeA-EIS	266.0 > 221.8	2.609e3		0.261	2.76	2.55	2609.328	10.386	21.7		
9	51	13C3-PFBS-EIS	302.0 > 98.9	8.620e2		0.261	2.87	2.82	862.039	31.725	66.3		
10	55	13C2-4:2 FTS-EIS	329.0 >80.8	9.425e2		0.261	3.31	3.26	942.539	35.754	74.7		
11	57	13C2-PFHxA-EIS	315.0 > 270.0	9.086e3		0.261	3.38	3.34	9086.225	31.897	66.7		
12	51	13C3-PFBS-EIS	302.0 > 98.9	8.620e2		0.261	2.87	2.82	862.039	31.725	66.3		
13	-1												
14	9	HFPO-DA	285.1 > 168.9		1.801e3	0.261	3.54						YES
15	11	PFHpA	363.0 > 319	1.096e4	9.991e3	0.261	3.94	3.94	13.712	40.319		49.980	NO
16	13	L-PFHxS	399 > 79.9	1.460e2	2.533e3	0.261	4.09	4.08	0.721	2.254		3.495	NO
17	1...	Total PFHxS	399 > 79.9	1.460e2	2.533e3	0.261	3.93		0.721	2.254			
18	12	ADONA	376.8 > 250.9		9.991e3	0.261	4.04						YES
19	15	6:2 FTS	427.0 > 407	2.615e1	1.570e3	0.261	4.41	4.42	0.208	0.689		0.468	NO
20	53	13C3-HFPO-DA-EIS	287.0 > 168.9	1.801e3		0.261	3.59	3.54	1800.688	30.195	63.1		
21	59	13C4-PFHpA-EIS	367.2 > 321.8	9.991e3		0.261	3.98	3.94	9991.230	38.898	81.3		
22	61	13C3-PFHxS-EIS	402 > 80	2.533e3		0.261	4.13	4.09	2533.267	44.052	92.1		
23	61	13C3-PFHxS-EIS	402 > 80	2.533e3		0.261	4.13	4.09	2533.267	44.052	92.1		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	9.991e3		0.261	3.98	3.94	9991.230	38.898	81.3		
25	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.570e3		0.261	4.45	4.41	1569.532	46.664	97.5		
26	-1												
27	19	PFHpS	449.0 > 80		2.583e3	0.261	4.52						YES
28	16	L-PFOA	413 > 369	2.047e4	1.270e4	0.261	4.46	4.46	20.145	68.264		2.944	NO
29	1...	Total PFOA	413 > 369	2.047e4	1.270e4	0.261	4.60		20.145	68.264			
30	21	PFNA	463.0 > 418.8	1.365e3	1.292e4	0.261	4.91	4.90	1.320	4.458		24.223	YES
31	23	L-PFOS	499 > 80	3.525e2	2.583e3	0.261	4.98	4.98	1.706	5.389		2.995	NO
32	1...	Total PFOS	499> 80	3.525e2	2.583e3	0.261	4.60		1.706	5.389			
33	71	13C8-PFOS-EIS	507.1 > 80	2.583e3		0.261	5.02	4.98	2583.038	43.842	91.6		
34	69	13C2-PFOA-EIS	414.9 > 369.7	1.270e4		0.261	4.67	4.46	12698.813	42.103	88.0		
35	69	13C2-PFOA-EIS	414.9 > 369.7	1.270e4		0.261	4.67	4.46	12698.813	42.103	88.0		
36	65	13C5-PFNA-EIS	468.2 > 422.9	1.292e4		0.261	5.13	4.91	12920.135	40.765	85.2		

Dataset: Y:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

Last Altered: Friday, July 10, 2020 14:35:35 Pacific Daylight Time
Printed: Friday, July 10, 2020 14:36:54 Pacific Daylight Time

Name: 200706P1-77, Date: 06-Jul-2020, Time: 23:46:56, ID: 2001276-04 MW-20-02 0.26126, Description: MW-20-02

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2.583e3		0.261	5.02	4.98	2583.038	43.842	91.6		
38	71	13C8-PFOS-EIS	507.1 > 80	2.583e3		0.261	5.02	4.98	2583.038	43.842	91.6		
39	-1												
40	26	PFDA	513 > 469		1.737e4	0.261	5.28						YES
41	22	PFOSA	498 > 78	5.525e1	4.021e3	0.261	4.95	4.95	0.172	0.924		26.321	NO
42	25	9Cl-PF30NS	531 > 351		2.583e3	0.261	5.20						YES
43	27	8:2 FTS	526.8 > 506.9		1.866e3	0.261	5.25						YES
44	28	PFNS	549 > 80		2.583e3	0.261	5.34						YES
45	33	PFUdA	563.0 > 519		1.622e4	0.261	5.59						YES
46	73	13C2-PFDA-EIS	515.1 > 469.9	1.737e4		0.261	5.31	5.28	17370.027	44.577	93.2		
47	67	13C8-PFOSA-EIS	506 > 78	4.021e3		0.261	4.99	4.95	4021.280	26.938	56.3		
48	71	13C8-PFOS-EIS	507.1 > 80	2.583e3		0.261	5.02	4.98	2583.038	43.842	91.6		
49	75	13C2-8:2 FTS-EIS	529 > 80	1.866e3		0.261	5.29	5.25	1866.080	64.725	135.3		
50	71	13C8-PFOS-EIS	507.1 > 80	2.583e3		0.261	5.02	4.98	2583.038	43.842	91.6		
51	79	13C2-PFUdA-EIS	565 > 519.8	1.622e4		0.261	5.54	5.59	16216.555	39.252	82.0		
52	-1												
53	29	L-MeFOSAA	570 > 419		3.353e3	0.261	5.42						YES
54	1...	Total N-MeFOSAA	570. > 419	0.000e0	3.353e3	0.261	5.19		0.000				
55	31	L-EtFOSAA	583.9 > 419	2.612e3	3.445e3	0.261	5.57	5.57	9.476	26.184		1.303	NO
56	1...	Total N-EtFOSAA	583.9 > 419	2.612e3	3.445e3	0.261	5.37		9.476	26.184			
57	34	PFDS	598.8 >79.9		2.583e3	0.261	5.73						YES
58	35	11Cl-PF30UdS	631 > 451		1.889e4	0.261	5.80						YES
59	77	d3-N-MeFOSAA-EIS	573.1 > 419	3.353e3		0.261	5.46	5.42	3353.126	38.756	81.0		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	3.353e3		0.261	5.46	5.42	3353.126	38.756	81.0		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	3.445e3		0.261	5.61	5.57	3445.090	42.003	87.8		
62	81	d5-N-EtFOSAA-EIS	589.3 > 419	3.445e3		0.261	5.61	5.57	3445.090	42.003	87.8		
63	71	13C8-PFOS-EIS	507.1 > 80	2.583e3		0.261	5.02	4.98	2583.038	43.842	91.6		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	1.889e4		0.261	6.13	5.87	18892.650	38.701	80.9		
65	-1												
66	36	10:2 FTS	626.9 > 607		1.365e3	0.261	5.86						YES
67	37	PFDoA	612.9 > 569.0		1.889e4	0.261	5.87						YES
68	38	N-MeFOSA	512.1 > 168.9		2.378e3	0.261	5.81						YES
69	39	PFTrDA	662.9 > 618.9		1.889e4	0.261	6.13						YES
70	40	PFDoS	699 > 80		7.402e3	0.261	6.11						YES
71	41	PFTeDA	713.0 > 669.0		7.402e3	0.261	6.31						YES
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	1.365e3		0.261	5.89	5.86	1365.449	48.109	100.6		

Dataset: Y:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

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Printed: Friday, July 10, 2020 14:36:54 Pacific Daylight Time

Name: 200706P1-77, Date: 06-Jul-2020, Time: 23:46:56, ID: 2001276-04 MW-20-02 0.26126, Description: MW-20-02

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	1.889e4		0.261	6.13	5.87	18892.650	38.701	80.9		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.378e3		0.261	5.72	5.82	2378.301	65.781	11.5		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	1.889e4		0.261	6.13	5.87	18892.650	38.701	80.9		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	7.402e3		0.261	6.34	6.31	7402.330	14.867	31.1		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	7.402e3		0.261	6.34	6.31	7402.330	14.867	31.1		
78	-1												
79	42	N-EtFOSA	526.1 > 168.9		2.668e3	0.261	6.18						YES
80	43	PFHxDA	813 > 769		6.117e3	0.261	6.60						YES
81	44	PFODA	913.1 > 868.8		6.117e3	0.261	6.82						
82	45	N-MeFOSE	616.1 > 58.9		7.726e3	0.261	6.33						
83	46	N-EtFOSE	630.1 > 58.9		7.686e3	0.261	6.48						
84	1...	TDCA	498.3>106.9			0.261	4.47						YES
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.668e3		0.261	6.21	6.20	2668.482	65.796	11.5		
86	93	13C2-PFHxDA-EIS	815 > 769.7	6.117e3		0.261	6.63	6.60	6117.253	11.099	23.2		
87	93	13C2-PFHxDA-EIS	815 > 769.7	6.117e3		0.261	6.63	6.60	6117.253	11.099	23.2		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	7.726e3		0.261	6.33	6.33	7725.977	219.479	38.4		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	7.686e3		0.261	6.48	6.48	7686.106	197.842	34.6		
90	71	13C8-PFOS-EIS	507.1 > 80	2.583e3		0.261	5.02	4.98	2583.038	43.842	91.6		

Dataset: Y:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

Last Altered: Friday, July 10, 2020 14:35:35 Pacific Daylight Time
Printed: Friday, July 10, 2020 14:36:54 Pacific Daylight Time

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Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_07-06-20.cdb 07 Jul 2020 09:00:31

Name: 200706P1-77, Date: 06-Jul-2020, Time: 23:46:56, ID: 2001276-04 MW-20-02 0.26126, Description: MW-20-02

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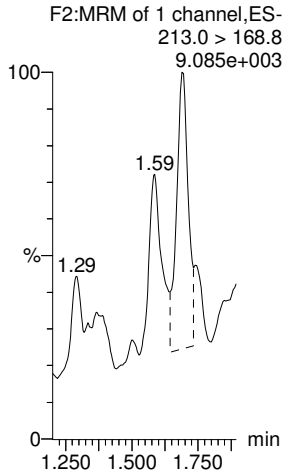

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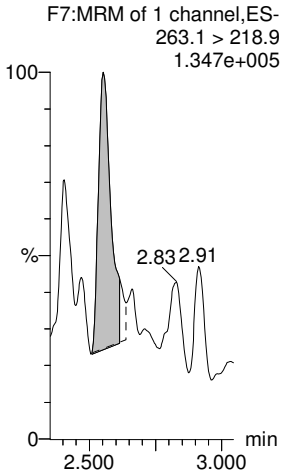

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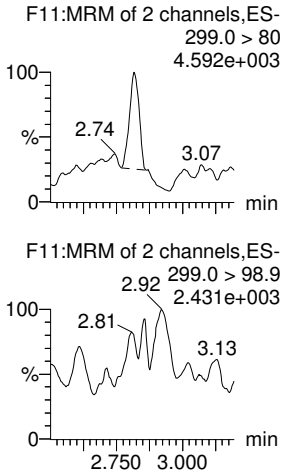
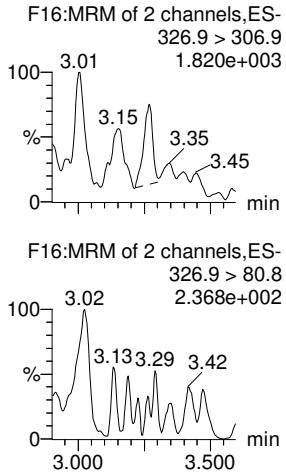


4:2 FTS



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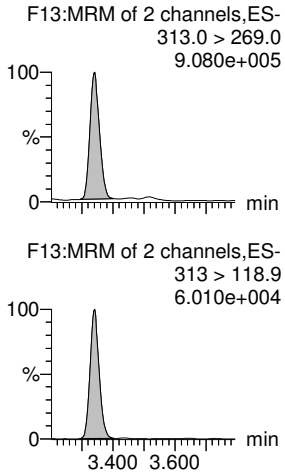
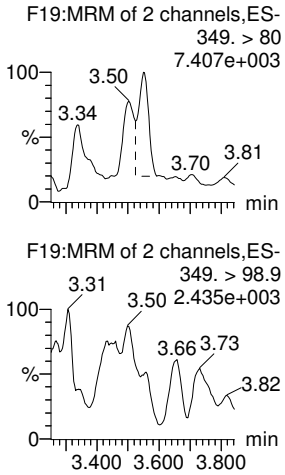


PFPeS



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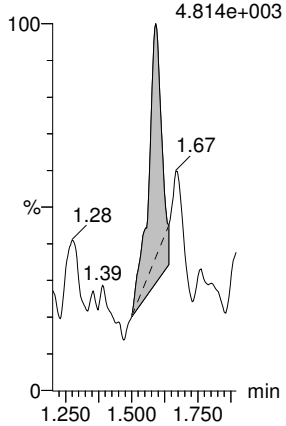

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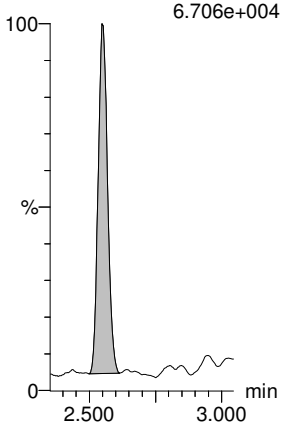

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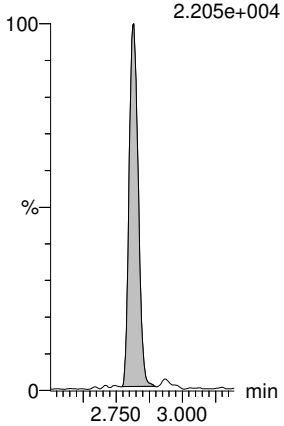

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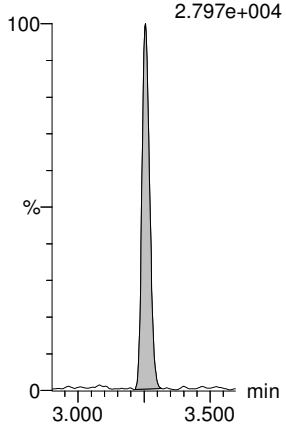

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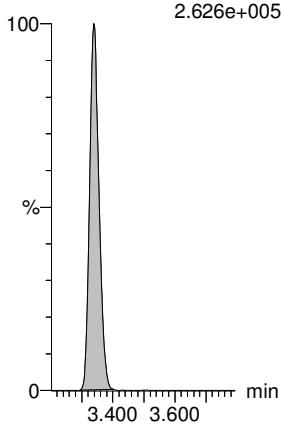
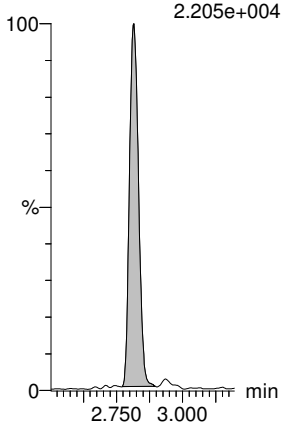


13C3-PFBS-EIS



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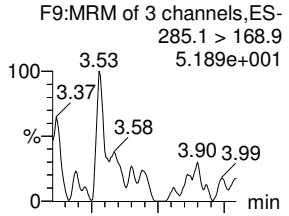
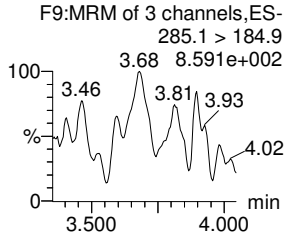
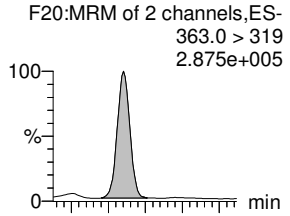
Name: 200706P1-77, Date: 06-Jul-2020, Time: 23:46:56, ID: 2001276-04 MW-20-02 0.26126, Description: MW-20-02

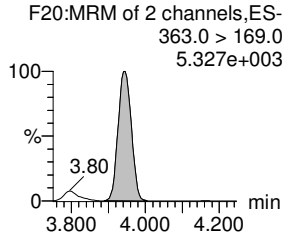
HFPO-DA



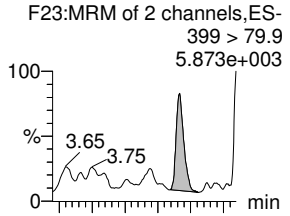


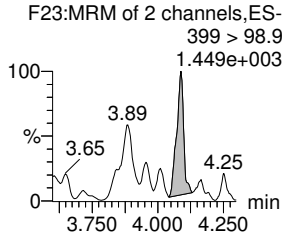
PFHpA





L-PFHxS





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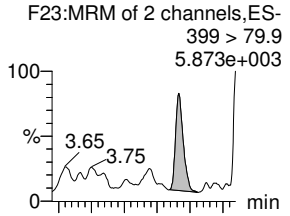

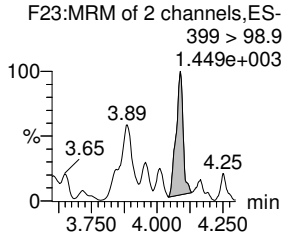

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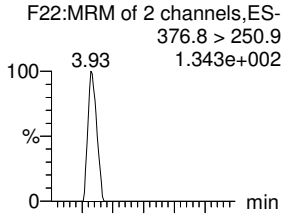
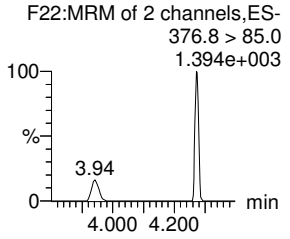
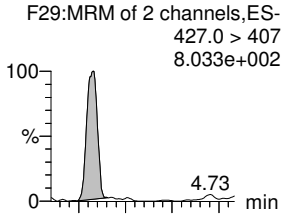
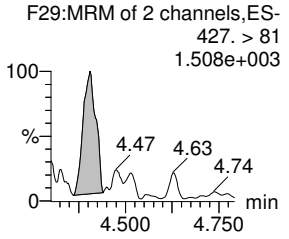




6:2 FTS





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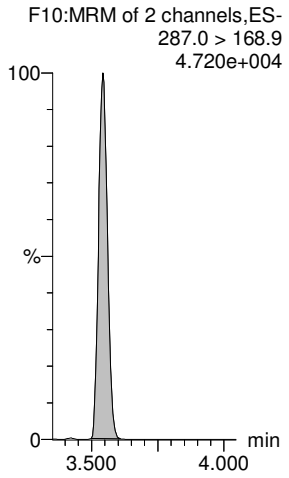

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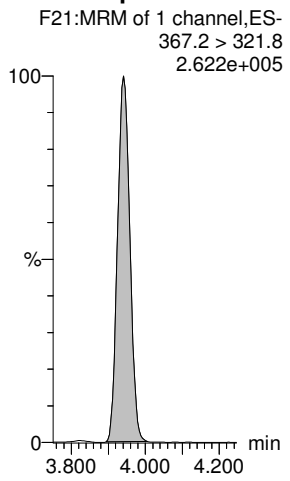

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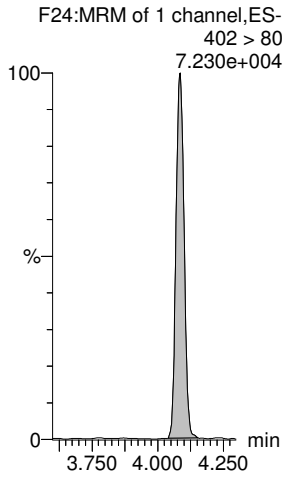

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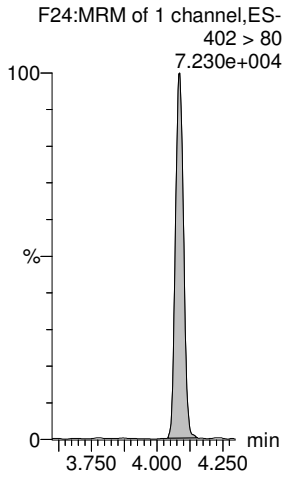

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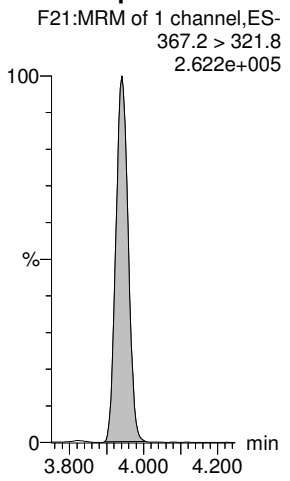
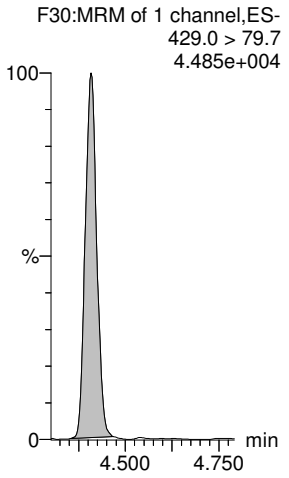


13C2-6:2 FTS-EIS



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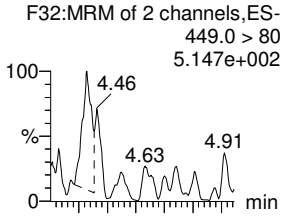
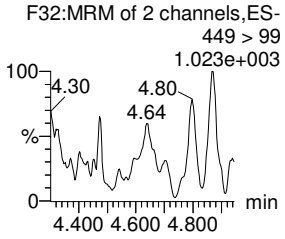
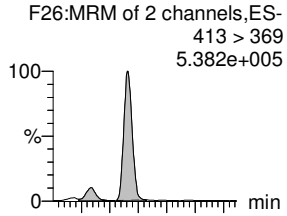
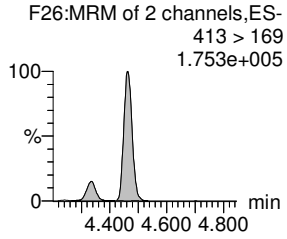




L-PFOA





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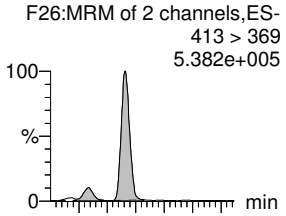

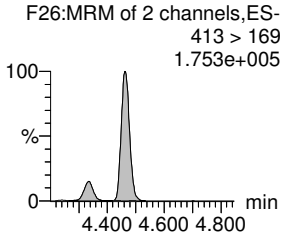

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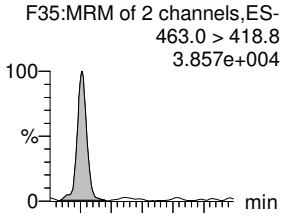
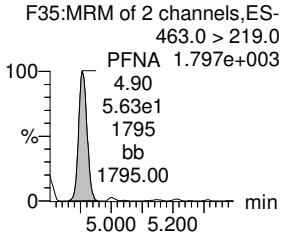
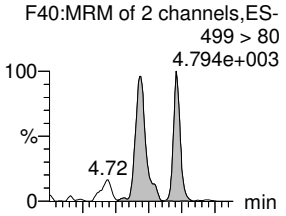
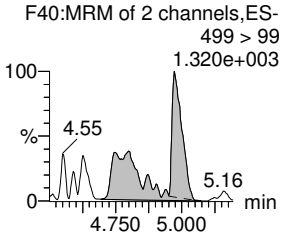




L-PFOS





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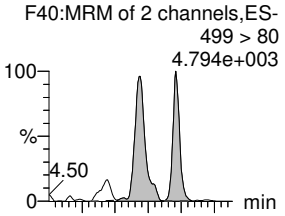

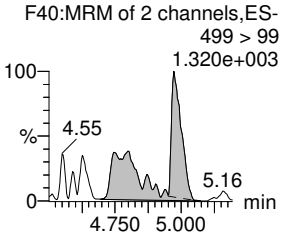

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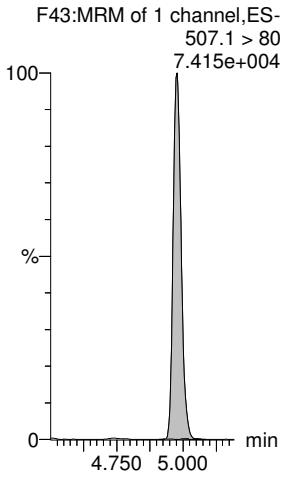

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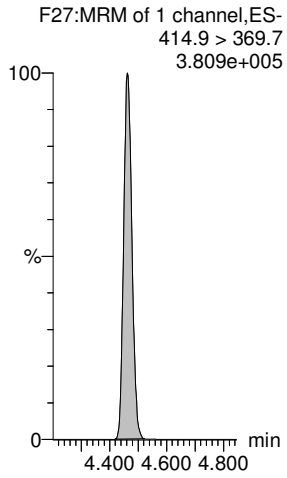

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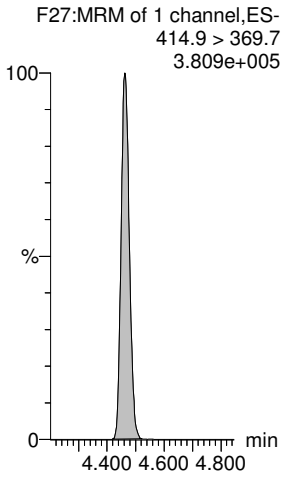

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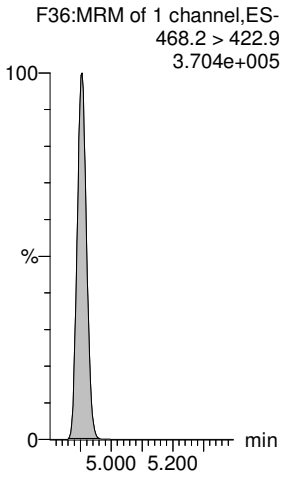

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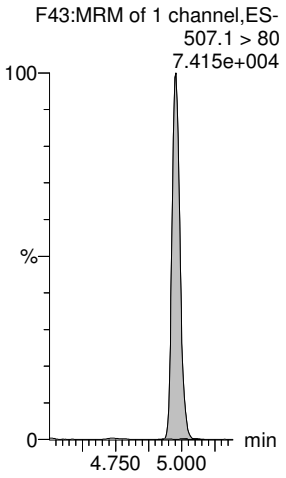

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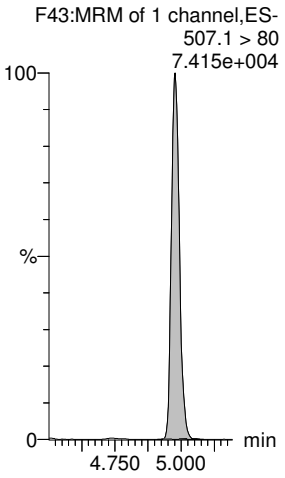

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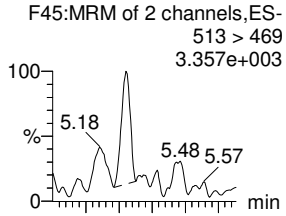
PFDA



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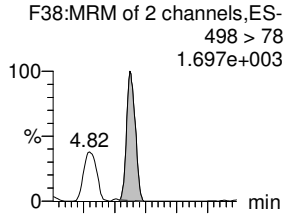

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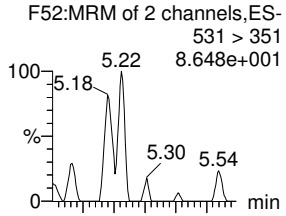
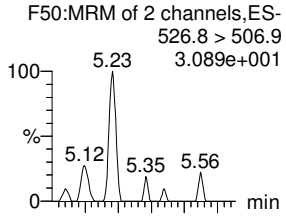


8:2 FTS



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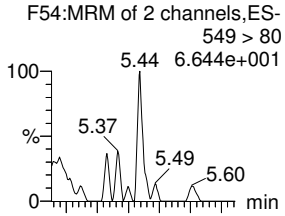

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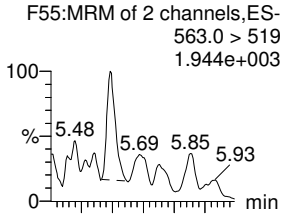

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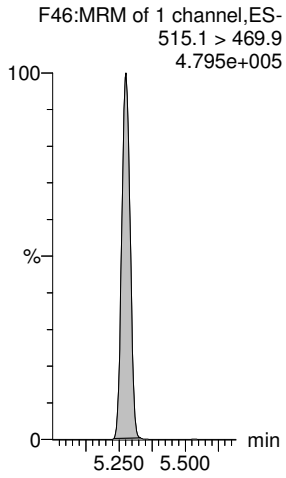

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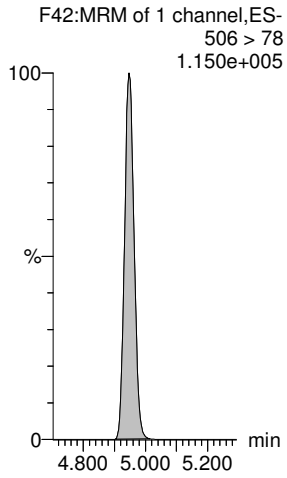

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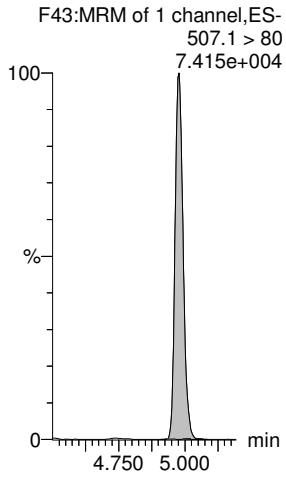

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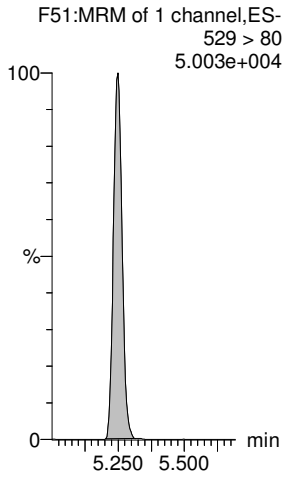

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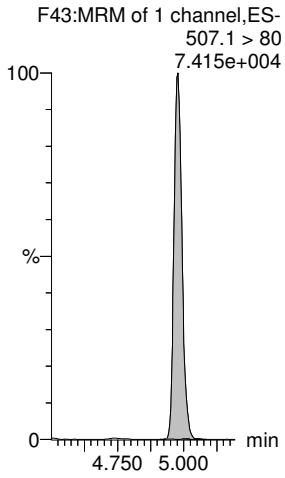

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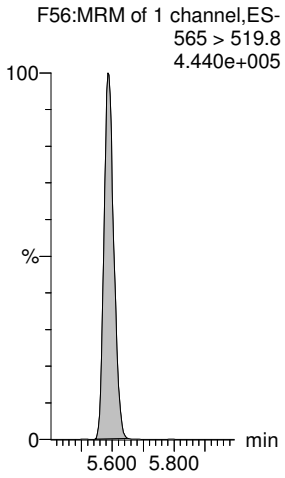

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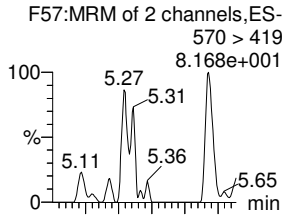
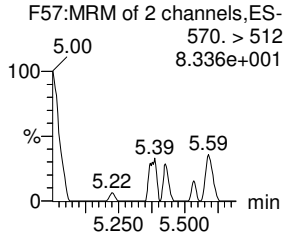
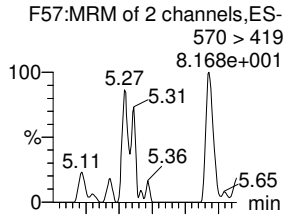
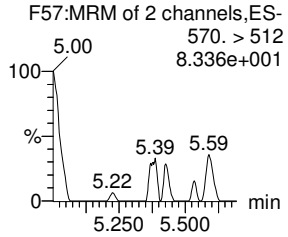
L-MeFOSAA





Total N-MeFOSAA





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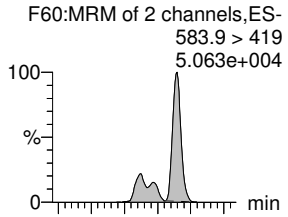

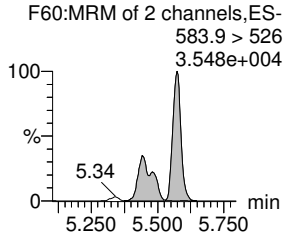

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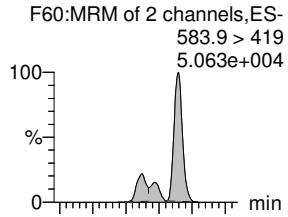

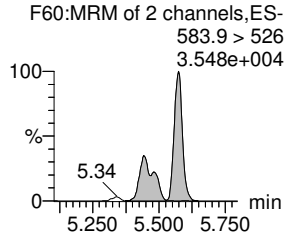

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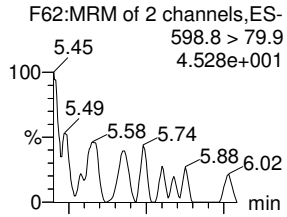

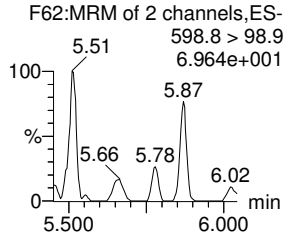

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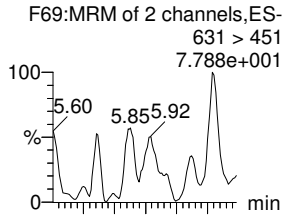

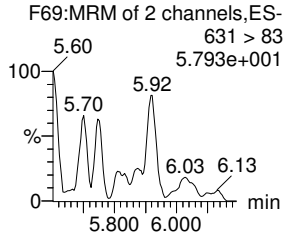

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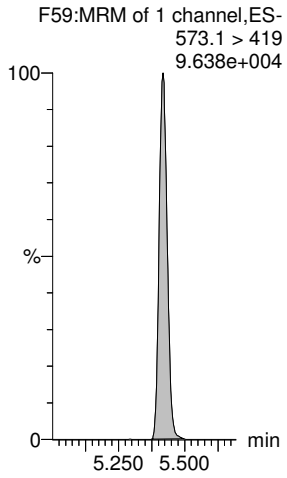

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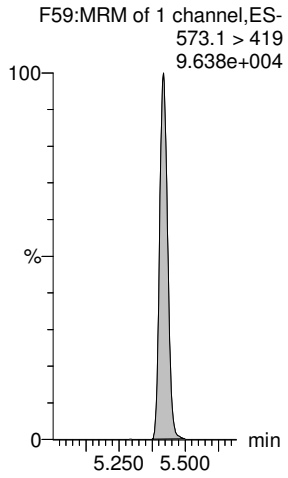

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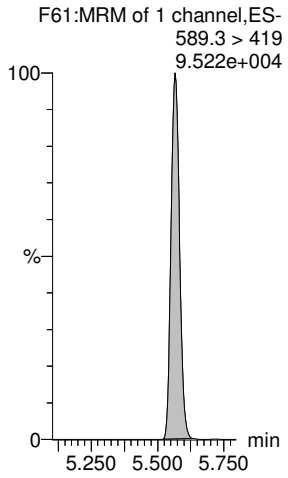

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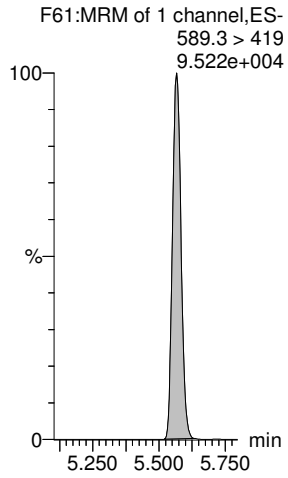
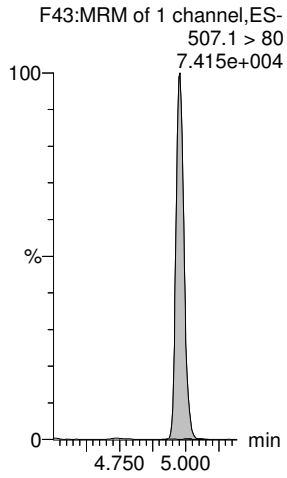
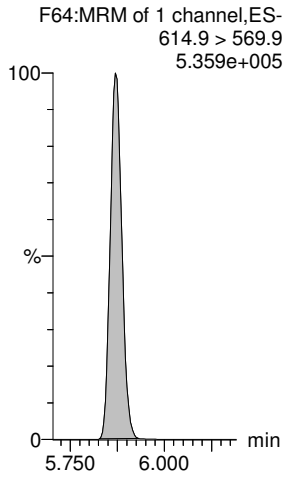


13C8-PFOS-EIS



13C2-PFDoA-EIS



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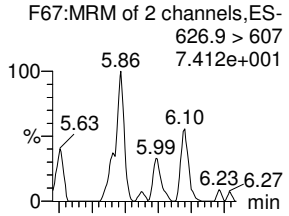
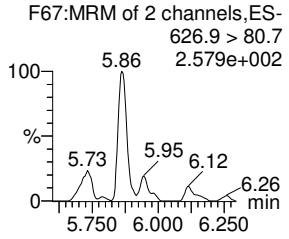
Name: 200706P1-77, Date: 06-Jul-2020, Time: 23:46:56, ID: 2001276-04 MW-20-02 0.26126, Description: MW-20-02

10:2 FTS





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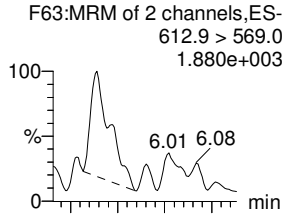
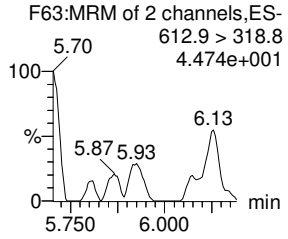
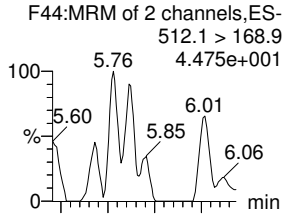
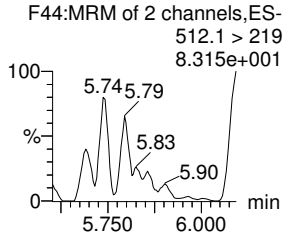




N-MeFOSA





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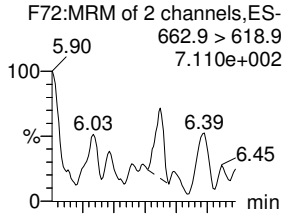

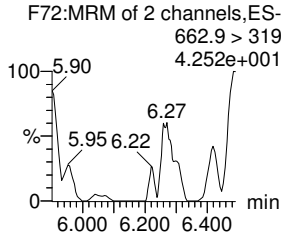

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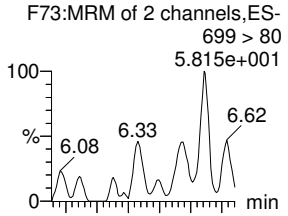

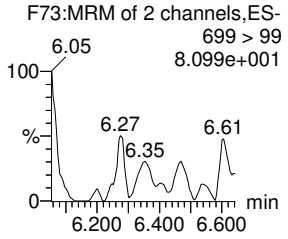

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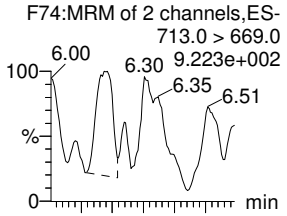
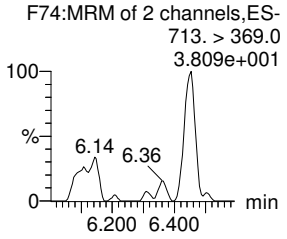
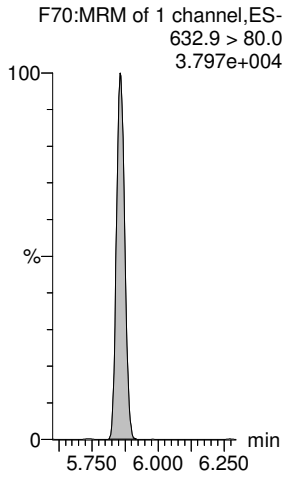
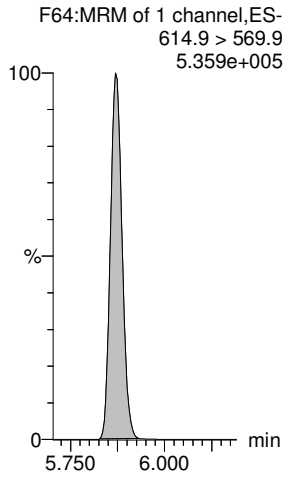




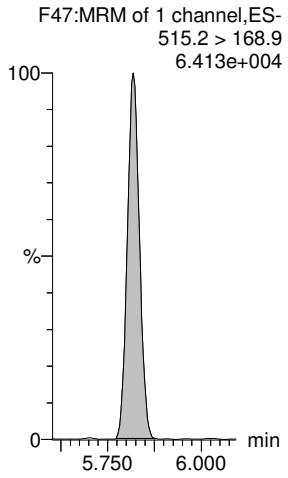
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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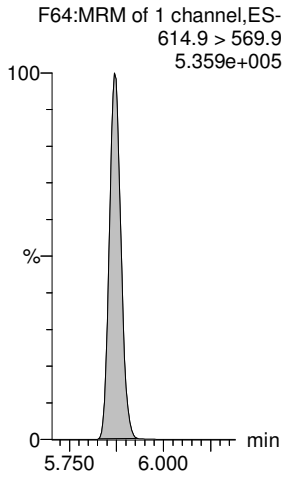

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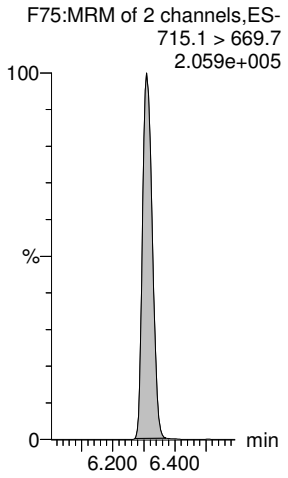

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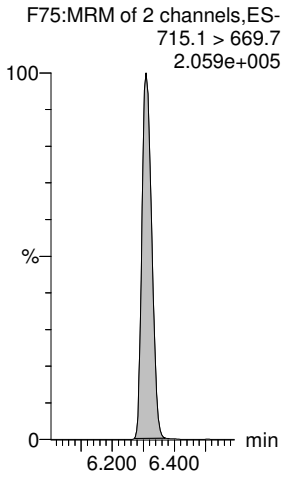

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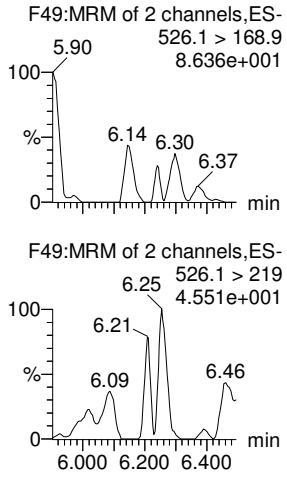
Name: 200706P1-77, Date: 06-Jul-2020, Time: 23:46:56, ID: 2001276-04 MW-20-02 0.26126, Description: MW-20-02

N-EtFOSA



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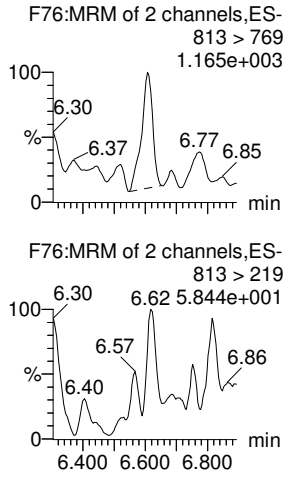

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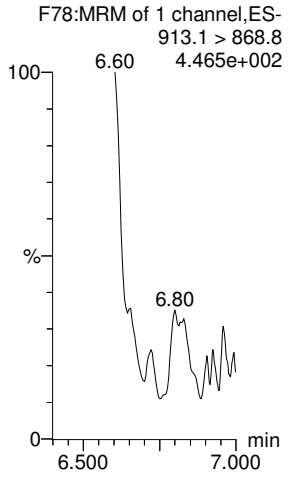

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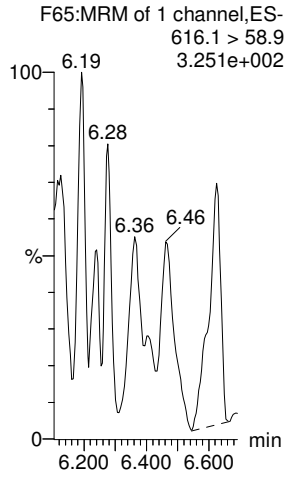

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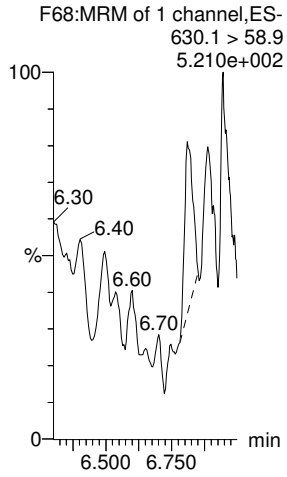
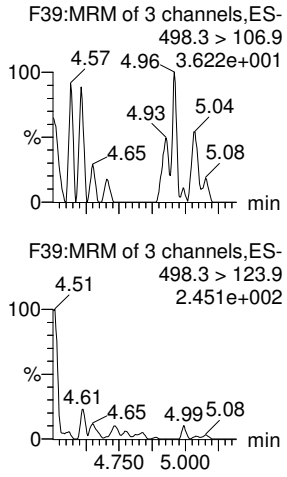
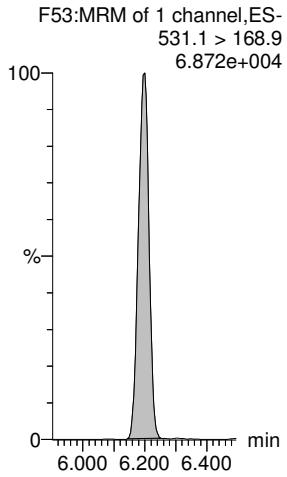


TDCA



d5-N-ETFOSA-EIS



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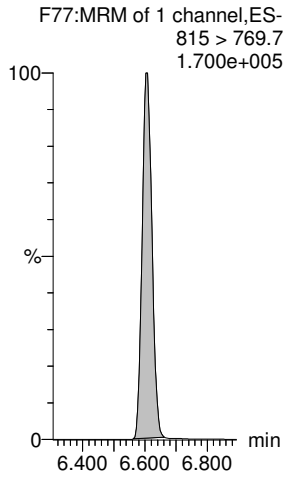

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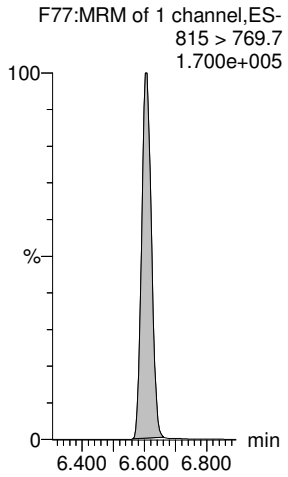

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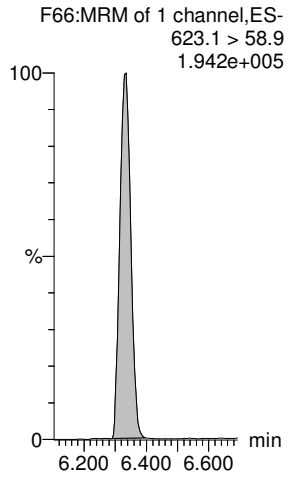

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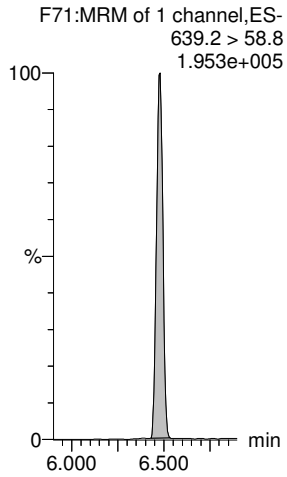
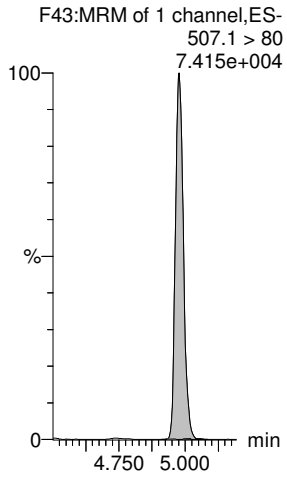


13C8-PFOS-EIS



Vista Analytical Laboratory L24

OC 7/10/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200708M1\200708M1-78.qld

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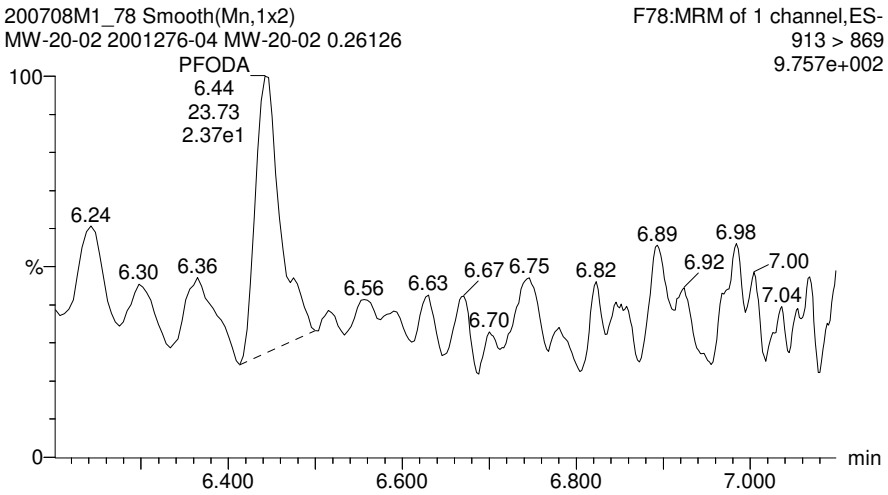
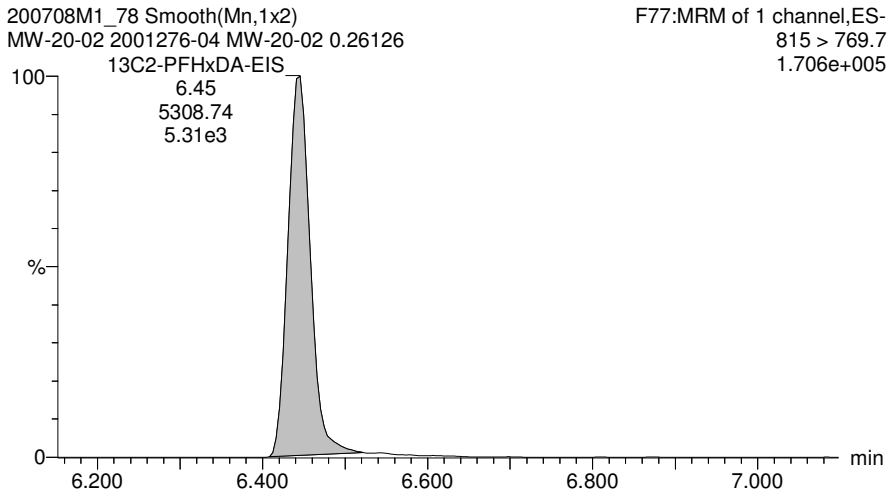
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

Name: 200708M1_78, Date: 09-Jul-2020, Time: 04:13:40, ID: 2001276-04 MW-20-02 0.26126, Description: MW-20-02

PFODA



13C2-PFHxDA-EIS



	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	44	PFODA	913 > 869		5.309e3	0.261		6.66						
2	95	13C2-PFHxDA-EIS	815 > 769.7	5.309e3		0.261	1990.809	6.45	6.45	5310	10.207	21.3		

AMR 7/10/2020

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

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	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	1.086e3	4.096e3	0.246	1.58	1.58	3.314	12.879			
2	4	PFPeA	263.1 > 218.9	3.322e3	9.029e3	0.246	2.56	2.56	4.599	20.153			
3	5	PFBS	299.0 > 80	1.565e2	1.093e3	0.246	2.84	2.84	1.790	2.825		3.595	NO
4	6	4:2 FTS	326.9 > 306.9		1.041e3	0.246	3.27						YES
5	7	PFHxA	313.0 > 269.0	5.422e3	1.070e4	0.246	3.36	3.36	6.334	24.547		13.911	NO
6	8	PFPeS	349.>80		1.093e3	0.246	3.75						YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	4.096e3		0.246	1.63	1.58	4095.836	24.120	47.5		
8	49	13C3-PFPeA-EIS	266.0 > 221.8	9.029e3		0.246	2.76	2.56	9029.107	38.133	75.1		
9	51	13C3-PFBS-EIS	302.0 > 98.9	1.093e3		0.246	2.87	2.84	1092.878	42.676	84.1		
10	55	13C2-4:2 FTS-EIS	329.0 >80.8	1.041e3		0.246	3.31	3.27	1041.200	41.907	82.6		
11	57	13C2-PFHxA-EIS	315.0 > 270.0	1.070e4		0.246	3.38	3.36	10699.135	39.851	78.5		
12	51	13C3-PFBS-EIS	302.0 > 98.9	1.093e3		0.246	2.87	2.84	1092.878	42.676	84.1		
13	-1												
14	9	HFPO-DA	285.1 > 168.9		2.331e3	0.246	3.56						YES
15	11	PFHpA	363.0 > 319	3.626e3	1.038e4	0.246	3.95	3.95	4.367	13.534		54.485	NO
16	13	L-PFHxS	399 > 79.9	1.448e2	2.252e3	0.246	4.09	4.10	0.804	2.700		4.909	NO
17	1...	Total PFHxS	399 > 79.9	1.448e2	2.252e3	0.246	3.93		0.804	2.700			
18	12	ADONA	376.8 > 250.9		1.038e4	0.246	4.05						YES
19	15	6:2 FTS	427.0 > 407	8.512e0	1.254e3	0.246	4.42	4.41	0.085	0.294		0.313	YES
20	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2.331e3		0.246	3.59	3.56	2331.307	41.479	81.7		
21	59	13C4-PFHpA-EIS	367.2 > 321.8	1.038e4		0.246	3.98	3.95	10377.652	42.868	84.4		
22	61	13C3-PFHxS-EIS	402 > 80	2.252e3		0.246	4.13	4.09	2251.765	41.547	81.8		
23	61	13C3-PFHxS-EIS	402 > 80	2.252e3		0.246	4.13	4.09	2251.765	41.547	81.8		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	1.038e4		0.246	3.98	3.95	10377.652	42.868	84.4		
25	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.254e3		0.246	4.45	4.42	1254.474	39.573	78.0		
26	-1												
27	19	PFHpS	449.0 > 80	8.466e1	2.175e3	0.246	4.53	4.58	0.487	2.008		3.798	YES
28	16	L-PFOA	413 > 369	1.400e4	1.151e4	0.246	4.47	4.47	15.215	54.612		2.713	NO
29	1...	Total PFOA	413 > 369	1.400e4	1.151e4	0.246	4.60		15.215	54.612			
30	21	PFNA	463.0 > 418.8	1.045e3	1.183e4	0.246	4.91	4.91	1.104	3.942		16.942	NO
31	23	L-PFOS	499 > 80	8.735e3	2.175e3	0.246	4.99	4.99	50.207	160.646		2.662	NO
32	1...	Total PFOS	499> 80	8.735e3	2.175e3	0.246	4.60		50.207	160.646			
33	71	13C8-PFOS-EIS	507.1 > 80	2.175e3		0.246	5.02	4.99	2174.645	39.164	77.1		
34	69	13C2-PFOA-EIS	414.9 > 369.7	1.151e4		0.246	4.67	4.47	11505.482	40.475	79.7		
35	69	13C2-PFOA-EIS	414.9 > 369.7	1.151e4		0.246	4.67	4.47	11505.482	40.475	79.7		
36	65	13C5-PFNA-EIS	468.2 > 422.9	1.183e4		0.246	5.13	4.91	11831.240	39.608	78.0		

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Name: 200706P1-78, Date: 06-Jul-2020, Time: 23:57:28, ID: 2001276-05 MW-20-03 0.24623, Description: MW-20-03

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2.175e3		0.246	5.02	4.99	2174.645	39.164	77.1		
38	71	13C8-PFOS-EIS	507.1 > 80	2.175e3		0.246	5.02	4.99	2174.645	39.164	77.1		
39	-1												
40	26	PFDA	513 > 469	3.041e2	1.473e4	0.246	5.28	5.28	0.258	1.027		5.634	NO
41	22	PFOSA	498 > 78	1.049e3	3.762e3	0.246	4.96	4.96	3.487	20.493		20.837	NO
42	25	9Cl-PF30NS	531 > 351	6.608e0	2.175e3	0.246	5.21	5.23	0.038	0.031		0.902	YES
43	27	8:2 FTS	526.8 > 506.9		1.159e3	0.246	5.25						YES
44	28	PFNS	549 > 80		2.175e3	0.246	5.35						YES
45	33	PFUdA	563.0 > 519		1.355e4	0.246	5.60						YES
46	73	13C2-PFDA-EIS	515.1 > 469.9	1.473e4		0.246	5.31	5.28	14731.087	40.112	79.0		
47	67	13C8-PFOSA-EIS	506 > 78	3.762e3		0.246	4.99	4.96	3761.535	26.736	52.7		
48	71	13C8-PFOS-EIS	507.1 > 80	2.175e3		0.246	5.02	4.99	2174.645	39.164	77.1		
49	75	13C2-8:2 FTS-EIS	529 > 80	1.159e3		0.246	5.29	5.25	1158.578	42.638	84.0		
50	71	13C8-PFOS-EIS	507.1 > 80	2.175e3		0.246	5.02	4.99	2174.645	39.164	77.1		
51	79	13C2-PFUdA-EIS	565 > 519.8	1.355e4		0.246	5.54	5.60	13554.227	34.810	68.6		
52	-1												
53	29	L-MeFOSAA	570 > 419	2.864e2	3.067e3	0.246	5.42	5.43	1.167	4.059		1.707	NO
54	1...	Total N-MeFOSAA	570. > 419	2.864e2	3.067e3	0.246	5.19		1.167	4.059			
55	31	L-EtFOSAA	583.9 > 419	1.461e4	2.970e3	0.246	5.58	5.58	61.484	180.811		1.419	NO
56	1...	Total N-EtFOSAA	583.9 > 419	1.461e4	2.970e3	0.246	5.37		61.484	180.811			
57	34	PFDS	598.8 >79.9		2.175e3	0.246	5.74						YES
58	35	11Cl-PF30UdS	631 > 451		1.632e4	0.246	5.80						YES
59	77	d3-N-MeFOSAA-EIS	573.1 > 419	3.067e3		0.246	5.46	5.42	3066.623	37.608	74.1		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	3.067e3		0.246	5.46	5.42	3066.623	37.608	74.1		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.970e3		0.246	5.61	5.58	2969.669	38.417	75.7		
62	81	d5-N-EtFOSAA-EIS	589.3 > 419	2.970e3		0.246	5.61	5.58	2969.669	38.417	75.7		
63	71	13C8-PFOS-EIS	507.1 > 80	2.175e3		0.246	5.02	4.99	2174.645	39.164	77.1		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	1.632e4		0.246	6.13	5.87	16324.767	35.482	69.9		
65	-1												
66	36	10:2 FTS	626.9 > 607		9.491e2	0.246	5.86						YES
67	37	PFDoA	612.9 > 569.0		1.632e4	0.246	5.87						YES
68	38	N-MeFOSA	512.1 > 168.9		3.382e3	0.246	5.82						YES
69	39	PFTrDA	662.9 > 618.9		1.632e4	0.246	6.14						YES
70	40	PFDoS	699 > 80		1.552e4	0.246	6.11						YES
71	41	PFTeDA	713.0 > 669.0		1.552e4	0.246	6.31						YES
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	9.491e2		0.246	5.89	5.86	949.091	35.481	69.9		

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Name: 200706P1-78, Date: 06-Jul-2020, Time: 23:57:28, ID: 2001276-05 MW-20-03 0.24623, Description: MW-20-03

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	1.632e4		0.246	6.13	5.87	16324.767	35.482	69.9		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	3.382e3		0.246	5.72	5.83	3382.487	99.267	16.4		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	1.632e4		0.246	6.13	5.87	16324.767	35.482	69.9		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.552e4		0.246	6.34	6.31	15517.511	33.067	65.1		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.552e4		0.246	6.34	6.31	15517.511	33.067	65.1		
78	-1												
79	42	N-EtFOSA	526.1 > 168.9		3.483e3	0.246	6.18						YES
80	43	PFHxDA	813 > 769		1.338e4	0.246	6.60						YES
81	44	PFODA	913.1 > 868.8		1.338e4	0.246	6.82						
82	45	N-MeFOSE	616.1 > 58.9		9.113e3	0.246	6.33						
83	46	N-EtFOSE	630.1 > 58.9		1.067e4	0.246	6.47						
84	1...	TDCA	498.3>106.9			0.246	4.47						YES
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	3.483e3		0.246	6.21	6.20	3482.952	91.120	15.0		
86	93	13C2-PFHxDA-EIS	815 > 769.7	1.338e4		0.246	6.63	6.60	13382.219	25.762	50.7		
87	93	13C2-PFHxDA-EIS	815 > 769.7	1.338e4		0.246	6.63	6.60	13382.219	25.762	50.7		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	9.113e3		0.246	6.33	6.33	9112.668	274.673	45.3		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	1.067e4		0.246	6.48	6.47	10670.664	291.431	48.1		
90	71	13C8-PFOS-EIS	507.1 > 80	2.175e3		0.246	5.02	4.99	2174.645	39.164	77.1		

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Name: 200706P1-78, Date: 06-Jul-2020, Time: 23:57:28, ID: 2001276-05 MW-20-03 0.24623, Description: MW-20-03

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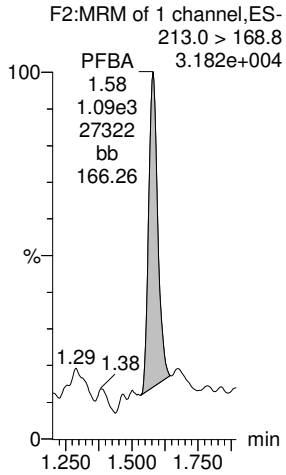

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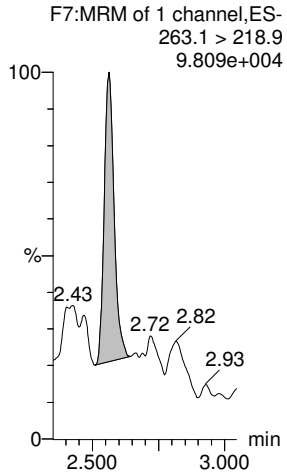

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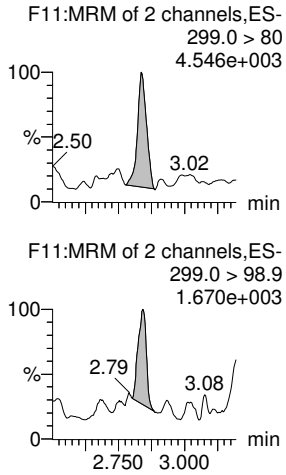

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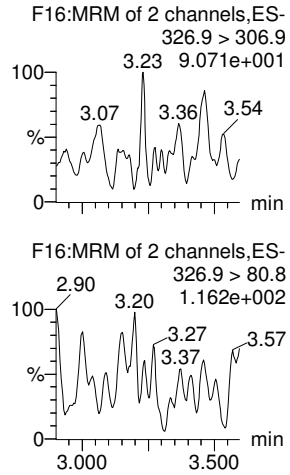

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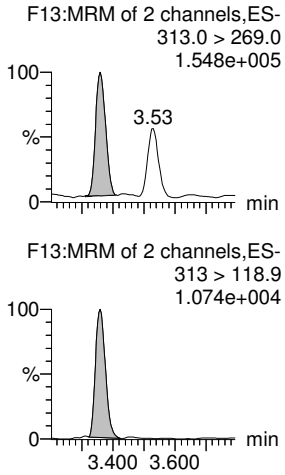

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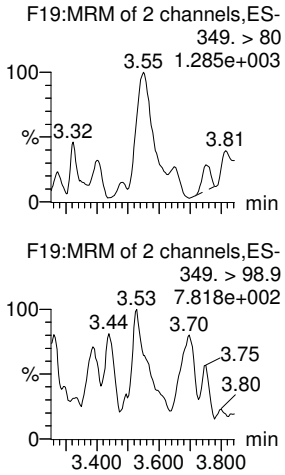

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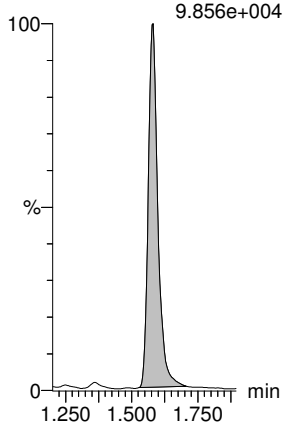

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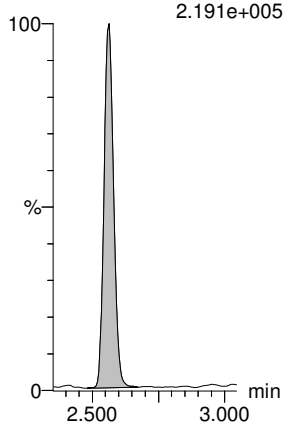

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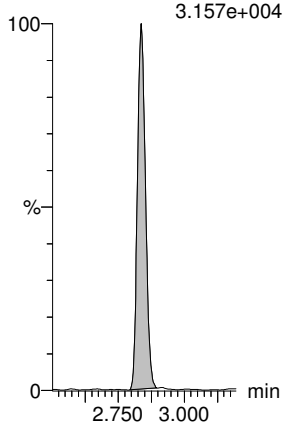

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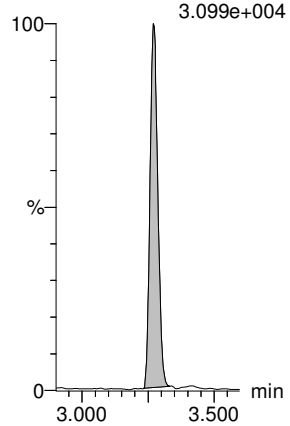

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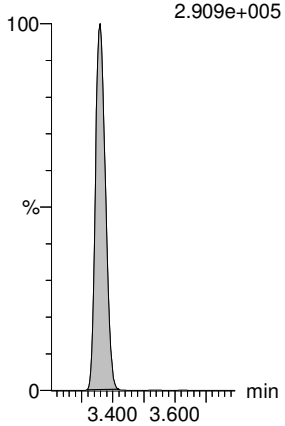

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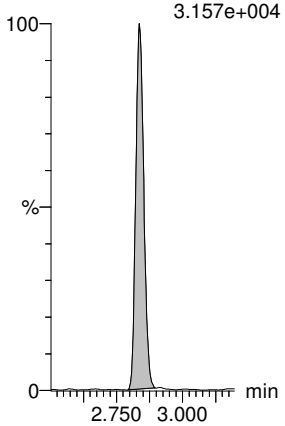

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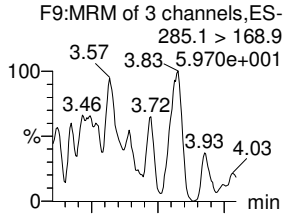

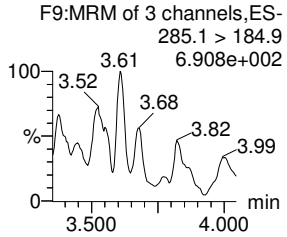

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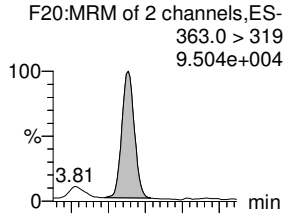

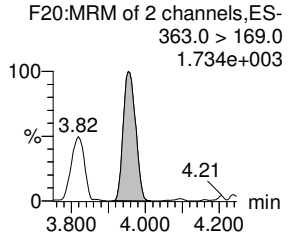

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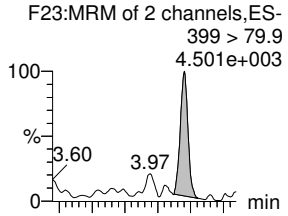

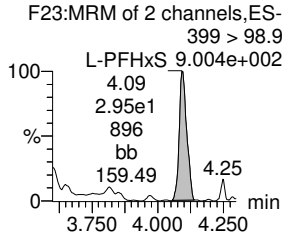

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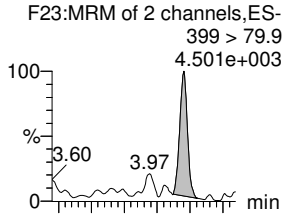

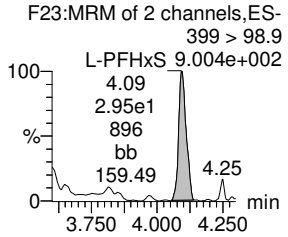

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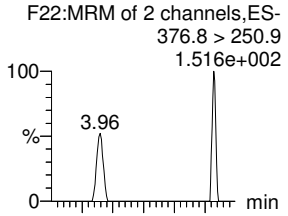
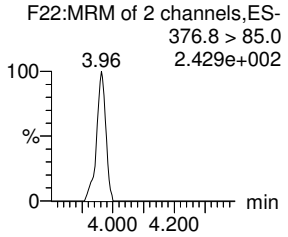
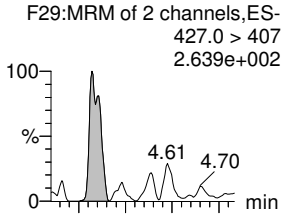
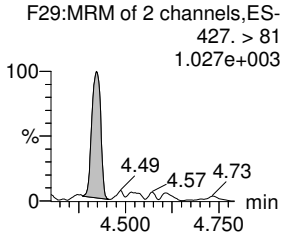




6:2 FTS





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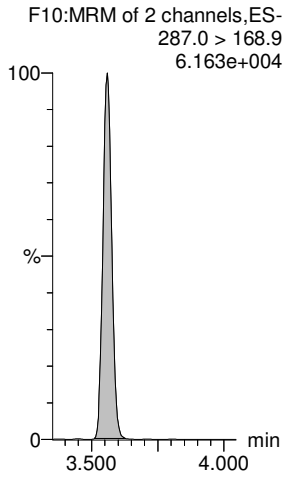

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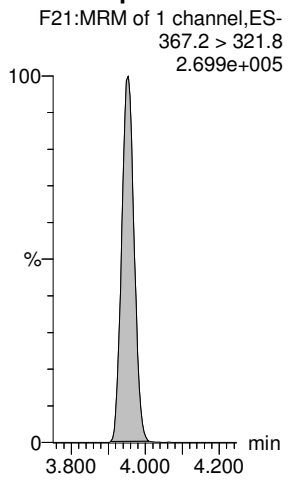

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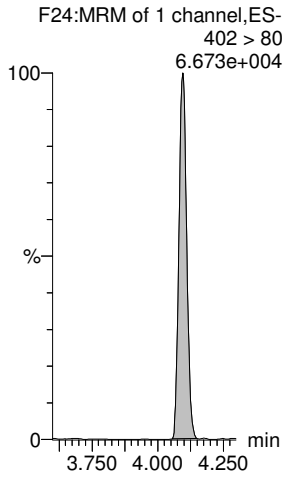

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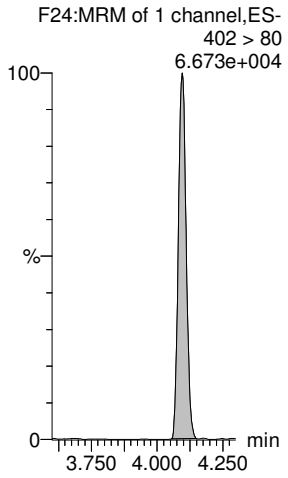

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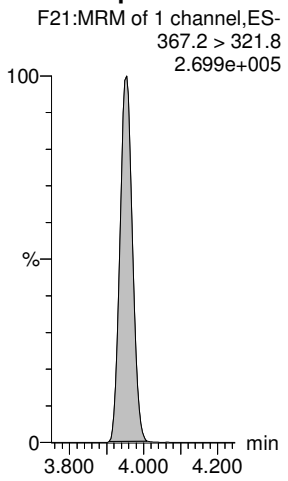

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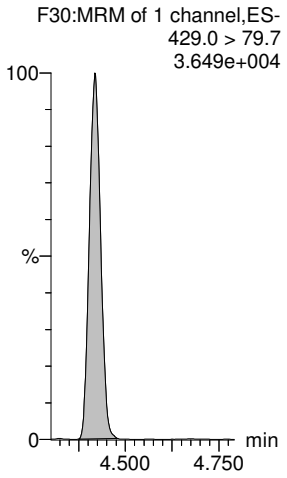

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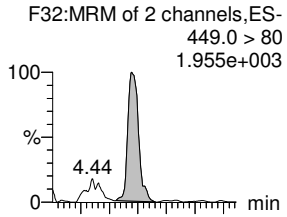
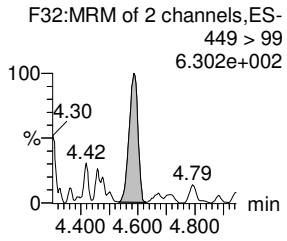
PFHpS





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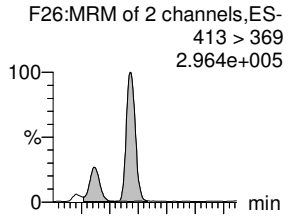

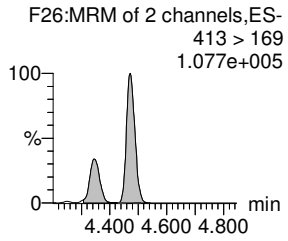

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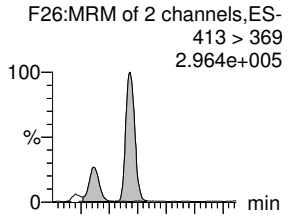

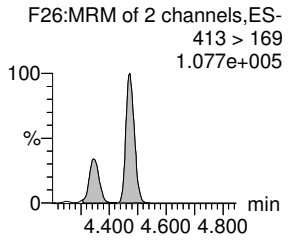

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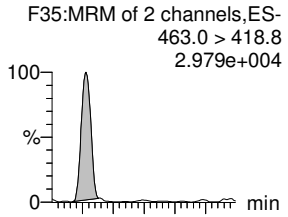

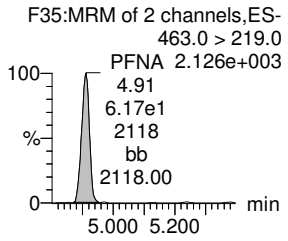

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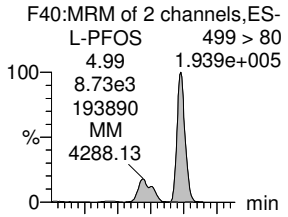

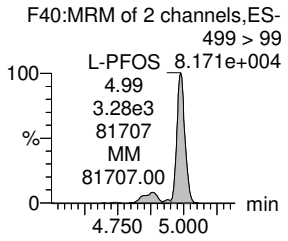

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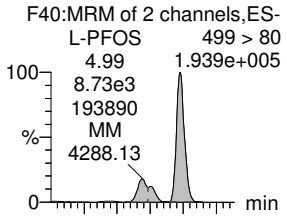
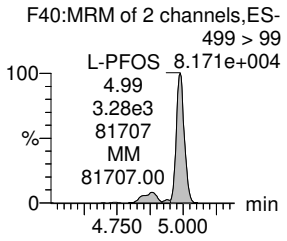
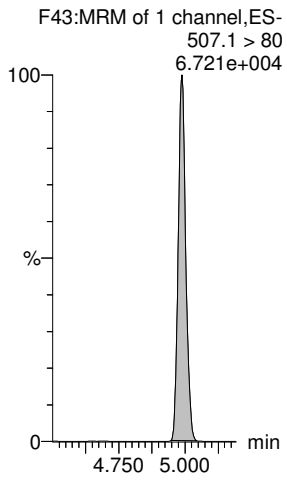
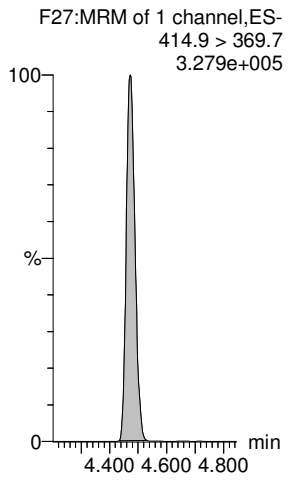




13C8-PFOS-EIS



13C2-PFOA-EIS



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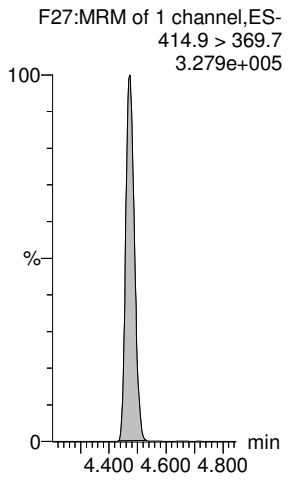

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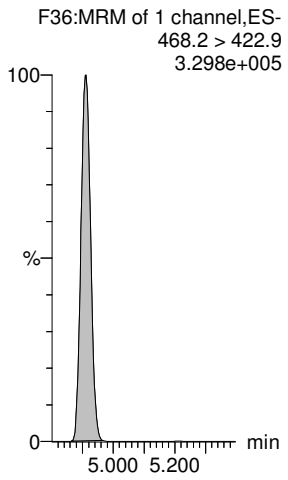

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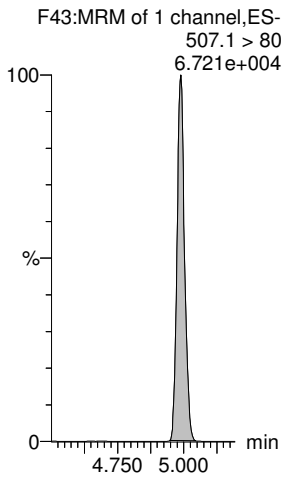

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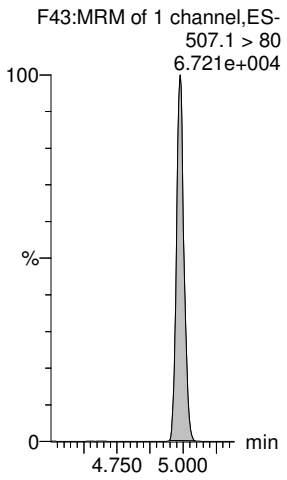

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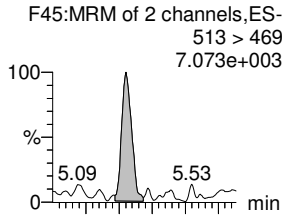
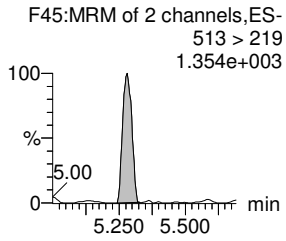
PFDA





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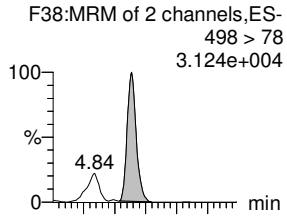

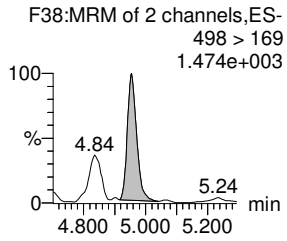

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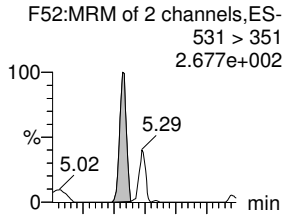
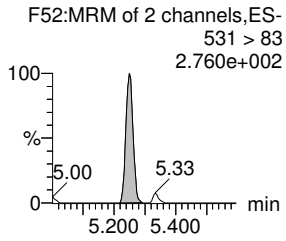
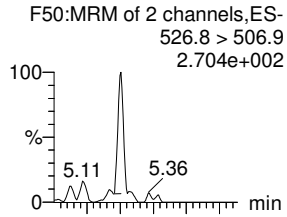
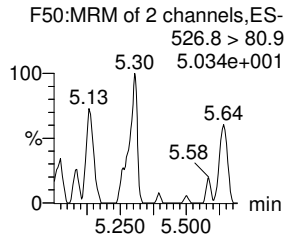




8:2 FTS





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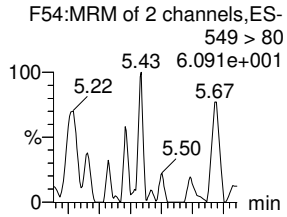

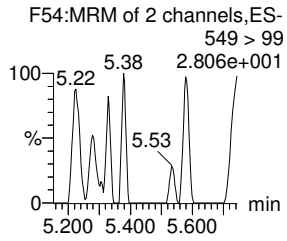

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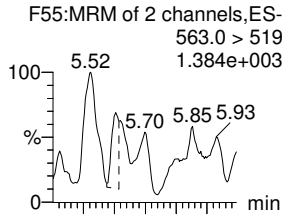
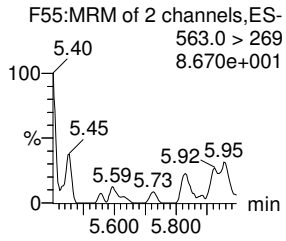
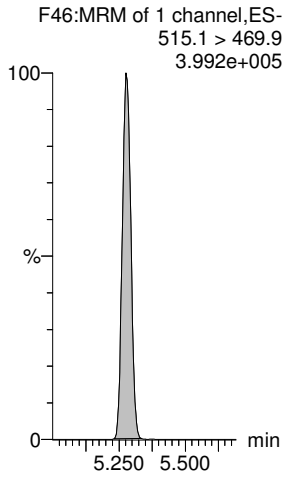




13C2-PFDA-EIS



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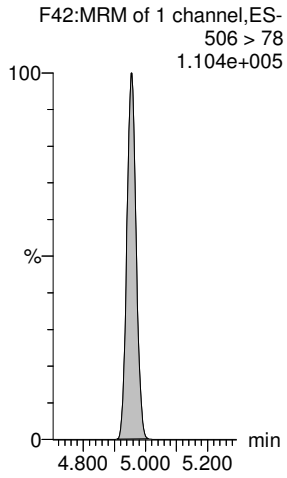

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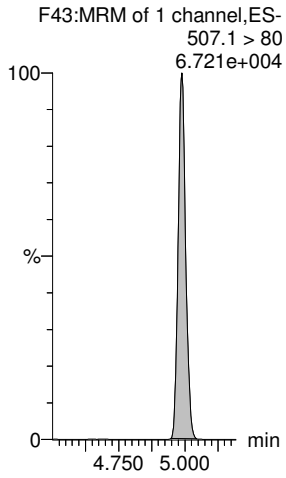
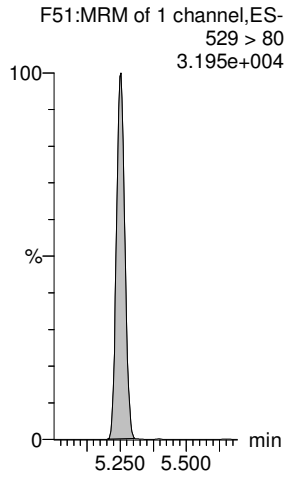


13C2-8:2 FTS-EIS



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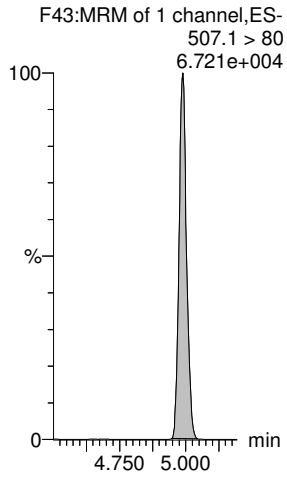

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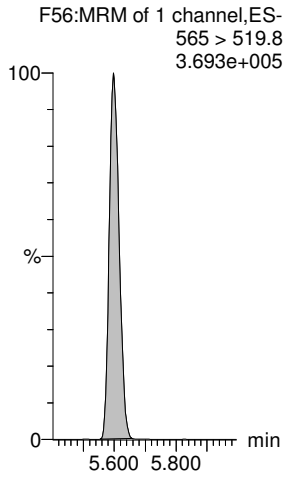

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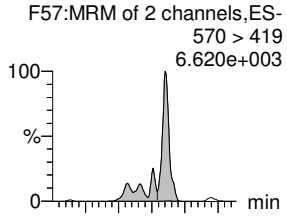
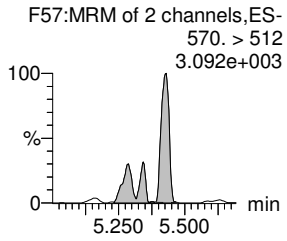
Name: 200706P1-78, Date: 06-Jul-2020, Time: 23:57:28, ID: 2001276-05 MW-20-03 0.24623, Description: MW-20-03

L-MeFOSAA





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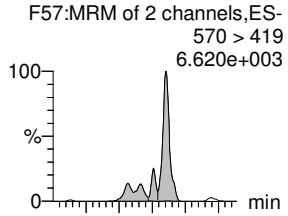

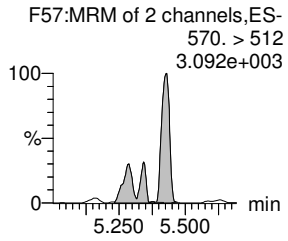

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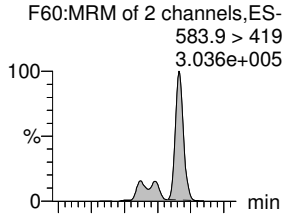

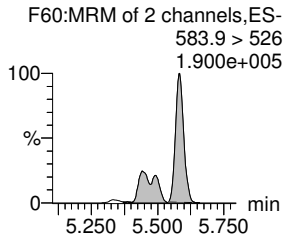

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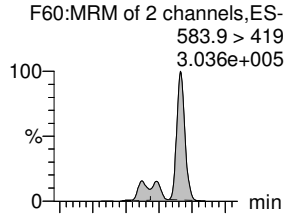
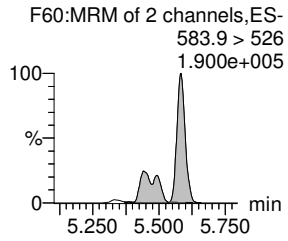
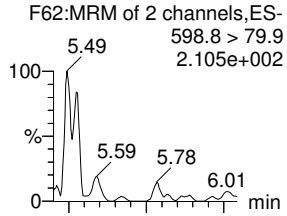
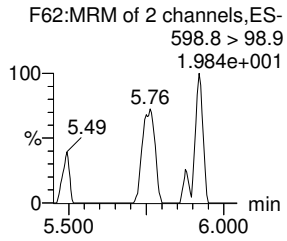


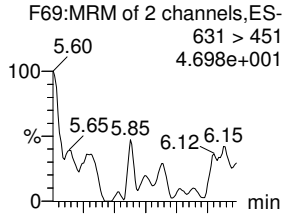


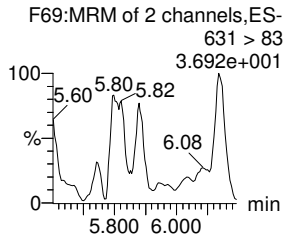
PFDS





11Cl-PF30UdS





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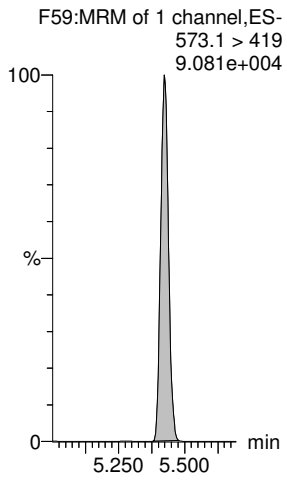

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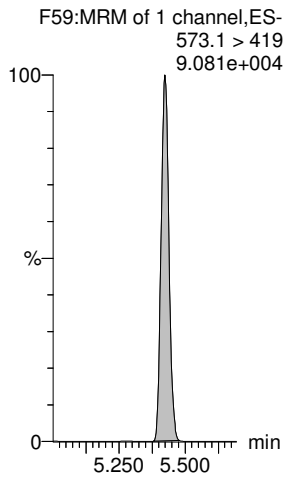

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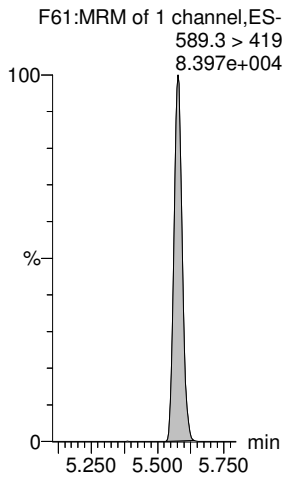
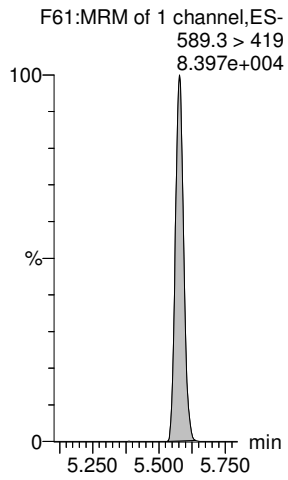


d5-N-EtFOSAA-EIS



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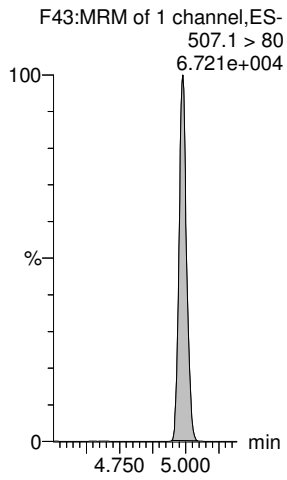
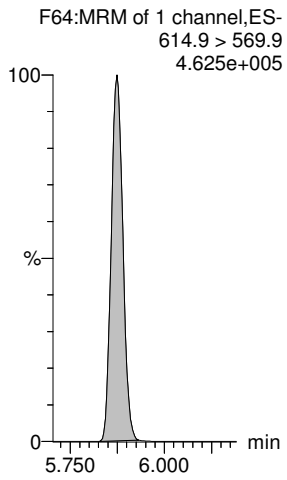


13C2-PFDoA-EIS



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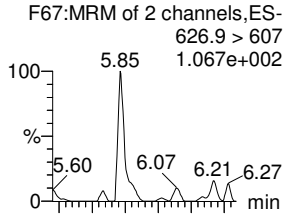
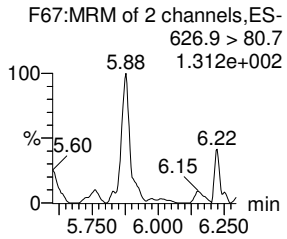
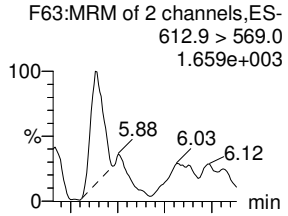
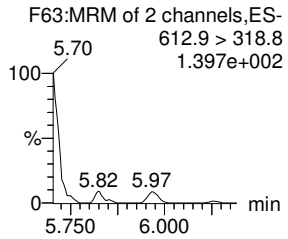
10:2 FTS



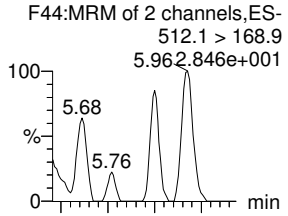


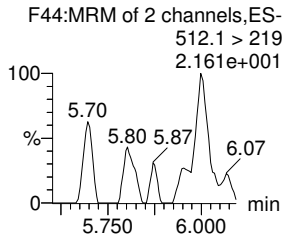
PFDoA



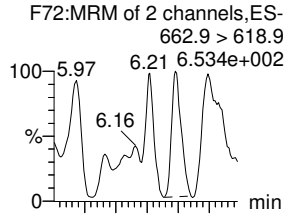


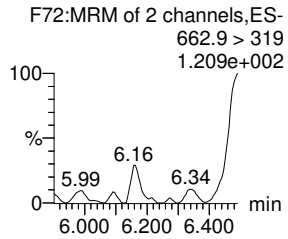
N-MeFOSA



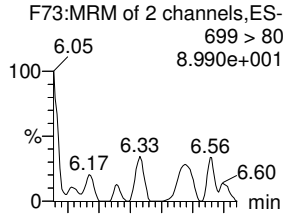


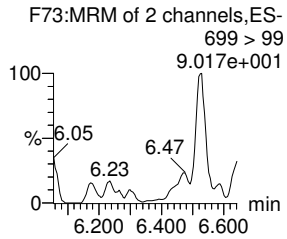
PFTrDA



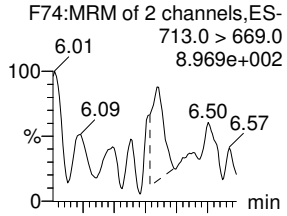


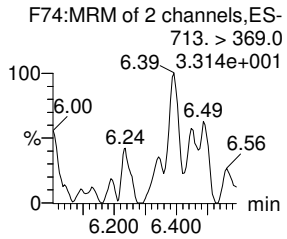
PFDoS



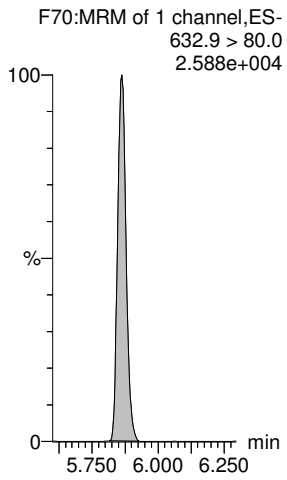


PFTeDA

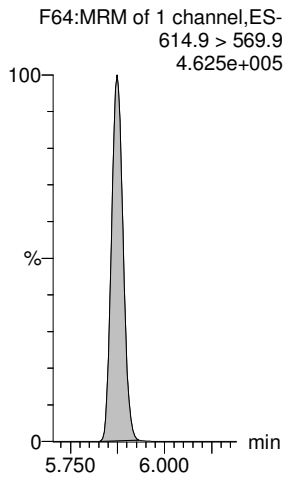




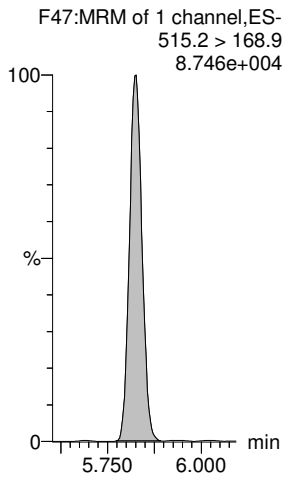
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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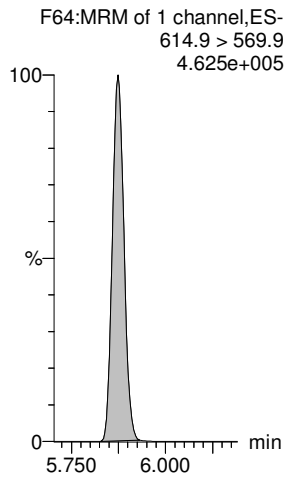

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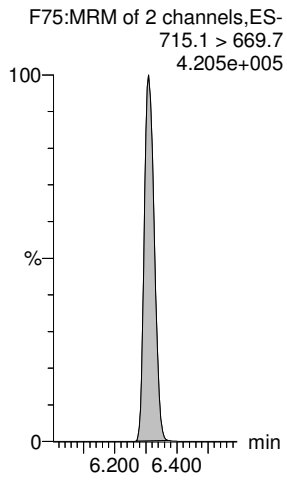

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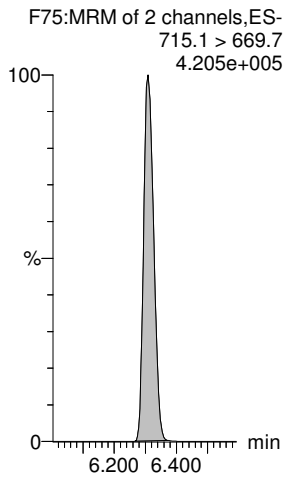

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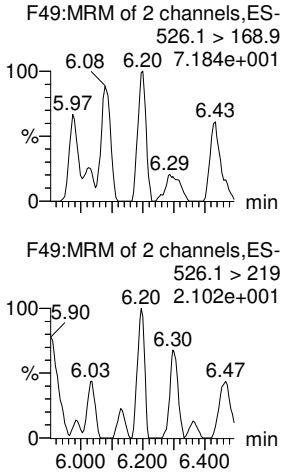
Printed: Tuesday, July 07, 2020 15:50:01 Pacific Daylight Time

Name: 200706P1-78, Date: 06-Jul-2020, Time: 23:57:28, ID: 2001276-05 MW-20-03 0.24623, Description: MW-20-03

N-EtFOSA



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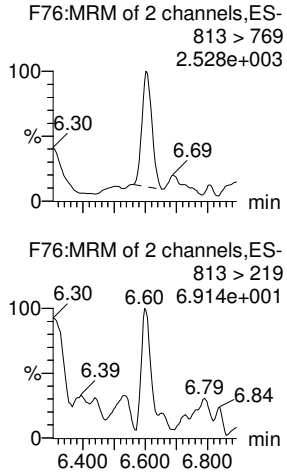
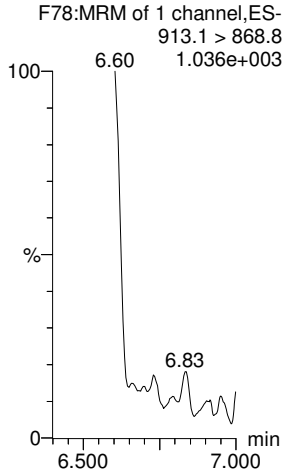
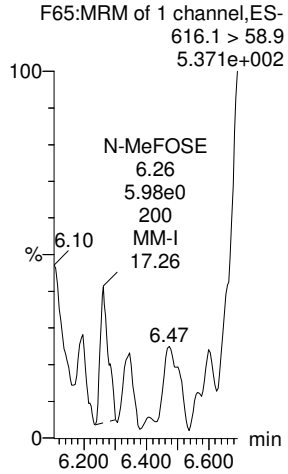


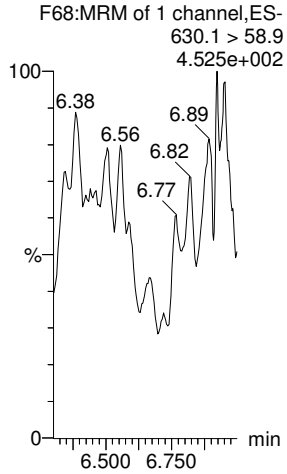
PFODA



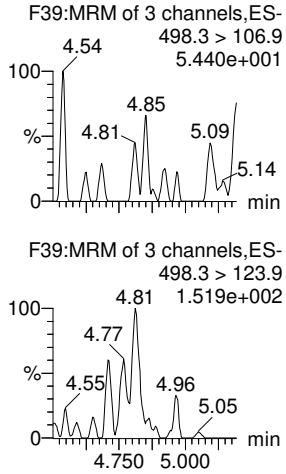
N-MeFOSE



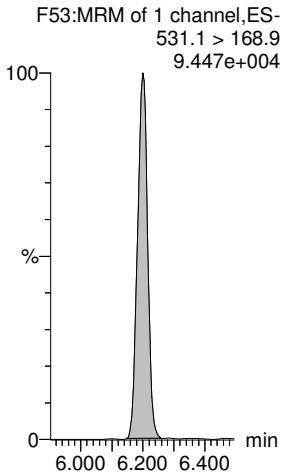
N-EtFOSE



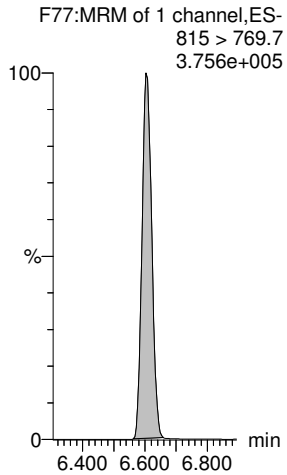
TDCA



d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



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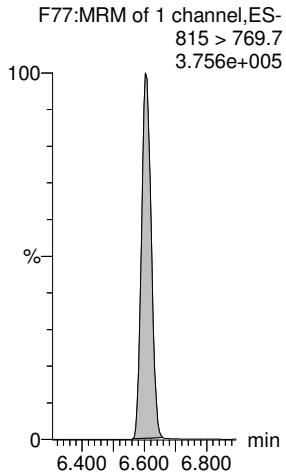

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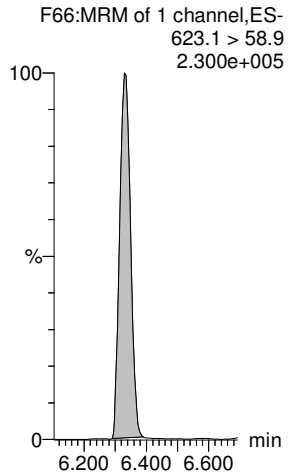
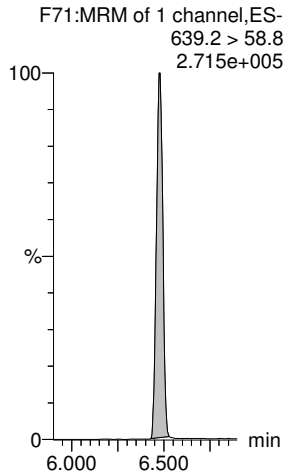
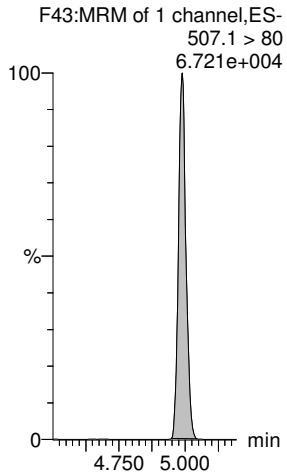


d9-N-EtFOSE-EIS



13C8-PFOS-EIS



Vista Analytical Laboratory L24

OC 7/10/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200709M1\200709M1-30.qld

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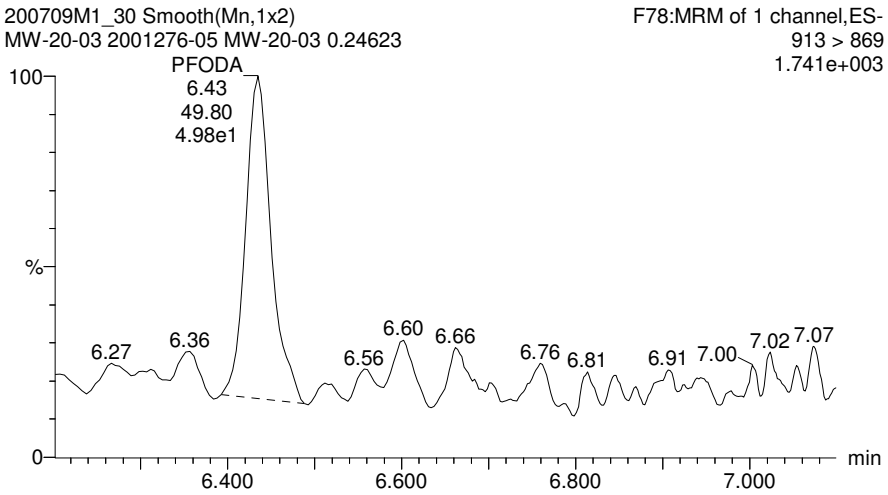
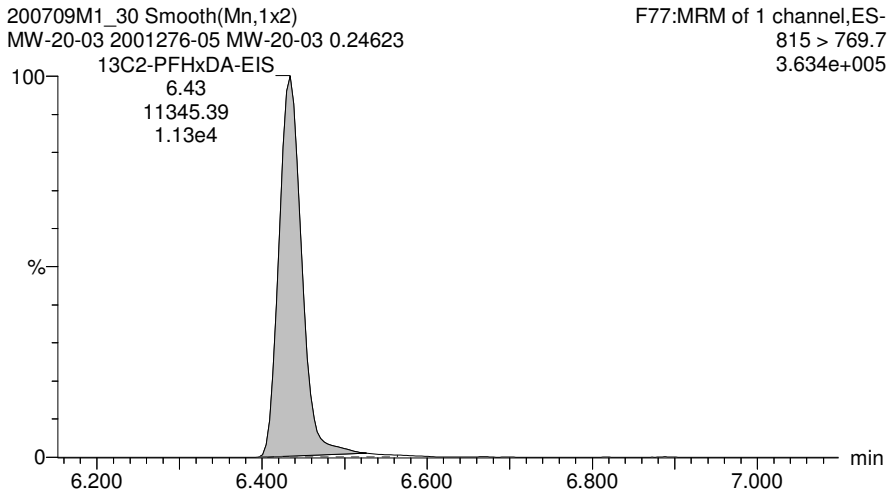
Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070920.mdb 10 Jul 2020 11:48:11
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-09-20.cdb 10 Jul 2020 10:31:20

Name: 200709M1_30, Date: 09-Jul-2020, Time: 21:03:48, ID: 2001276-05 MW-20-03 0.24623, Description: MW-20-03

PFODA



13C2-PFHxDA-EIS



	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	44	PFODA	913 > 869		1.135e4	0.246		6.65						
2	95	13C2-PFHxDA-EIS	815 > 769.7	1.135e4		0.246	1913.816	6.43	6.43	11300	24.076	47.4		

AMR 7/10/2020

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

Last Altered: Tuesday, July 07, 2020 15:49:57 Pacific Daylight Time
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Name: 200706P1-79, Date: 07-Jul-2020, Time: 00:07:57, ID: 2001276-06 Equipment Blank-2 0.24081, Description: Equipment Blank-2

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		6.511e3	0.241	1.58						
2	4	PFPeA	263.1 > 218.9		9.812e3	0.241	2.56						
3	5	PFBS	299.0 > 80		1.113e3	0.241	2.84						YES
4	6	4:2 FTS	326.9 > 306.9		1.020e3	0.241	3.27						YES
5	7	PFHxA	313.0 > 269.0		1.051e4	0.241	3.36						YES
6	8	PFPeS	349.>80		1.113e3	0.241	3.76						YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	6.511e3		0.241	1.63	1.58	6510.781	39.205	75.5		
8	49	13C3-PFPeA-EIS	266.0 > 221.8	9.812e3		0.241	2.76	2.56	9812.295	42.374	81.6		
9	51	13C3-PFBS-EIS	302.0 > 98.9	1.113e3		0.241	2.87	2.84	1112.820	44.432	85.6		
10	55	13C2-4:2 FTS-EIS	329.0 >80.8	1.020e3		0.241	3.31	3.27	1019.871	41.972	80.9		
11	57	13C2-PFHxA-EIS	315.0 > 270.0	1.051e4		0.241	3.38	3.36	10506.460	40.014	77.1		
12	51	13C3-PFBS-EIS	302.0 > 98.9	1.113e3		0.241	2.87	2.84	1112.820	44.432	85.6		
13	-1												
14	9	HFPO-DA	285.1 > 168.9		2.379e3	0.241	3.56						YES
15	11	PFHpA	363.0 > 319		1.010e4	0.241	3.95						YES
16	13	L-PFHxS	399 > 79.9		2.340e3	0.241	4.10						YES
17	1...	Total PFHxS	399 > 79.9	0.000e0	2.340e3	0.241	3.93		0.000				
18	12	ADONA	376.8 > 250.9		1.010e4	0.241	4.05						YES
19	15	6:2 FTS	427.0 > 407		1.305e3	0.241	4.42						YES
20	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2.379e3		0.241	3.59	3.56	2378.891	43.278	83.4		
21	59	13C4-PFHpA-EIS	367.2 > 321.8	1.010e4		0.241	3.98	3.95	10099.001	42.656	82.2		
22	61	13C3-PFHxS-EIS	402 > 80	2.340e3		0.241	4.13	4.10	2339.772	44.142	85.0		
23	61	13C3-PFHxS-EIS	402 > 80	2.340e3		0.241	4.13	4.10	2339.772	44.142	85.0		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	1.010e4		0.241	3.98	3.95	10099.001	42.656	82.2		
25	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.305e3		0.241	4.45	4.42	1304.749	42.086	81.1		
26	-1												
27	19	PFHpS	449.0 > 80		2.298e3	0.241	4.53						YES
28	16	L-PFOA	413 > 369		1.234e4	0.241	4.47						YES
29	1...	Total PFOA	413 > 369	0.000e0	1.234e4	0.241	4.60		0.000				
30	21	PFNA	463.0 > 418.8		1.260e4	0.241	4.91						YES
31	23	L-PFOS	499 > 80		2.298e3	0.241	4.99						YES
32	1...	Total PFOS	499> 80	0.000e0	2.298e3	0.241	4.60		0.000				
33	71	13C8-PFOS-EIS	507.1 > 80	2.298e3		0.241	5.02	4.99	2298.174	42.320	81.5		
34	69	13C2-PFOA-EIS	414.9 > 369.7	1.234e4		0.241	4.67	4.47	12344.680	44.405	85.5		
35	69	13C2-PFOA-EIS	414.9 > 369.7	1.234e4		0.241	4.67	4.47	12344.680	44.405	85.5		
36	65	13C5-PFNA-EIS	468.2 > 422.9	1.260e4		0.241	5.13	4.91	12604.866	43.147	83.1		

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

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Name: 200706P1-79, Date: 07-Jul-2020, Time: 00:07:57, ID: 2001276-06 Equipment Blank-2 0.24081, Description: Equipment Blank-2

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2.298e3		0.241	5.02	4.99	2298.174	42.320	81.5		
38	71	13C8-PFOS-EIS	507.1 > 80	2.298e3		0.241	5.02	4.99	2298.174	42.320	81.5		
39	-1												
40	26	PFDA	513 > 469		1.494e4	0.241	5.28						YES
41	22	PFOSA	498 > 78		2.882e3	0.241	4.96						YES
42	25	9Cl-PF30NS	531 > 351		2.298e3	0.241	5.21						YES
43	27	8:2 FTS	526.8 > 506.9		1.234e3	0.241	5.25						YES
44	28	PFNS	549 > 80		2.298e3	0.241	5.35						YES
45	33	PFUdA	563.0 > 519		1.398e4	0.241	5.60						YES
46	73	13C2-PFDA-EIS	515.1 > 469.9	1.494e4		0.241	5.31	5.28	14936.707	41.588	80.1		
47	67	13C8-PFOSA-EIS	506 > 78	2.882e3		0.241	4.99	4.96	2881.715	20.944	40.3		
48	71	13C8-PFOS-EIS	507.1 > 80	2.298e3		0.241	5.02	4.99	2298.174	42.320	81.5		
49	75	13C2-8:2 FTS-EIS	529 > 80	1.234e3		0.241	5.29	5.25	1234.366	46.450	89.5		
50	71	13C8-PFOS-EIS	507.1 > 80	2.298e3		0.241	5.02	4.99	2298.174	42.320	81.5		
51	79	13C2-PFUdA-EIS	565 > 519.8	1.398e4		0.241	5.54	5.60	13975.193	36.699	70.7		
52	-1												
53	29	L-MeFOSAA	570 > 419		3.122e3	0.241	5.42						YES
54	1...	Total N-MeFOSAA	570. > 419	0.000e0	3.122e3	0.241	5.19		0.000				
55	31	L-EtFOSAA	583.9 > 419	1.252e1	3.038e3	0.241	5.58	5.58	0.052	0.342		3.930	YES
56	1...	Total N-EtFOSAA	583.9 > 419	1.252e1	3.038e3	0.241	5.37		0.052	0.342			
57	34	PFDS	598.8 >79.9		2.298e3	0.241	5.74						YES
58	35	11Cl-PF30UdS	631 > 451		1.595e4	0.241	5.80						YES
59	77	d3-N-MeFOSAA-EIS	573.1 > 419	3.122e3		0.241	5.46	5.42	3121.740	39.145	75.4		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	3.122e3		0.241	5.46	5.42	3121.740	39.145	75.4		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	3.038e3		0.241	5.61	5.58	3038.043	40.186	77.4		
62	81	d5-N-EtFOSAA-EIS	589.3 > 419	3.038e3		0.241	5.61	5.58	3038.043	40.186	77.4		
63	71	13C8-PFOS-EIS	507.1 > 80	2.298e3		0.241	5.02	4.99	2298.174	42.320	81.5		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	1.595e4		0.241	6.13	5.87	15947.856	35.443	68.3		
65	-1												
66	36	10:2 FTS	626.9 > 607		8.895e2	0.241	5.86						YES
67	37	PFDoA	612.9 > 569.0		1.595e4	0.241	5.87						YES
68	38	N-MeFOSA	512.1 > 168.9		2.641e3	0.241	5.81						YES
69	39	PFTrDA	662.9 > 618.9		1.595e4	0.241	6.14						YES
70	40	PFDoS	699 > 80		1.422e4	0.241	6.11						YES
71	41	PFTeDA	713.0 > 669.0		1.422e4	0.241	6.31						YES
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	8.895e2		0.241	5.89	5.86	889.545	34.003	65.5		

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Last Altered: Tuesday, July 07, 2020 15:49:57 Pacific Daylight Time
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Name: 200706P1-79, Date: 07-Jul-2020, Time: 00:07:57, ID: 2001276-06 Equipment Blank-2 0.24081, Description: Equipment Blank-2

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	1.595e4		0.241	6.13	5.87	15947.856	35.443	68.3		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	2.641e3		0.241	5.72	5.82	2640.843	79.246	12.8		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	1.595e4		0.241	6.13	5.87	15947.856	35.443	68.3		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.422e4		0.241	6.34	6.31	14219.511	30.983	59.7		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	1.422e4		0.241	6.34	6.31	14219.511	30.983	59.7		
78	-1												
79	42	N-EtFOSA	526.1 > 168.9		2.511e3	0.241	6.18						YES
80	43	PFHxDA	813 > 769		1.295e4	0.241	6.60						YES
81	44	PFODA	913.1 > 868.8		1.295e4	0.241	6.82						
82	45	N-MeFOSE	616.1 > 58.9		6.884e3	0.241	6.33						
83	46	N-EtFOSE	630.1 > 58.9		7.596e3	0.241	6.48						
84	1...	TDCA	498.3>106.9			0.241	4.47						YES
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	2.511e3		0.241	6.21	6.20	2511.294	67.179	10.8		
86	93	13C2-PFHxDA-EIS	815 > 769.7	1.295e4		0.241	6.63	6.60	12945.485	25.483	49.1		
87	93	13C2-PFHxDA-EIS	815 > 769.7	1.295e4		0.241	6.63	6.60	12945.485	25.483	49.1		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	6.884e3		0.241	6.33	6.33	6883.733	212.159	34.2		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	7.596e3		0.241	6.48	6.48	7595.616	212.116	34.2		
90	71	13C8-PFOS-EIS	507.1 > 80	2.298e3		0.241	5.02	4.99	2298.174	42.320	81.5		

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Review: AMR 7/9/2020

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

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Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_07-06-20.cdb 07 Jul 2020 09:00:31

Name: 200706P1-79, Date: 07-Jul-2020, Time: 00:07:57, ID: 2001276-06 Equipment Blank-2 0.24081, Description: Equipment Blank-2

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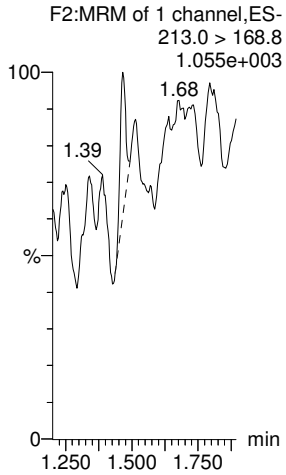

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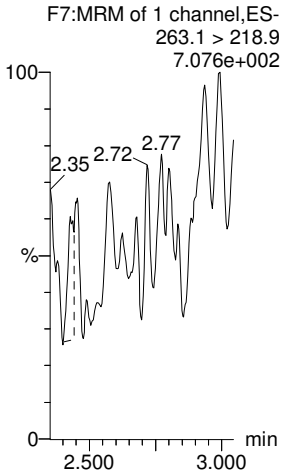

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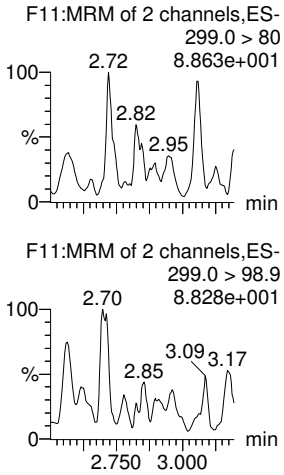

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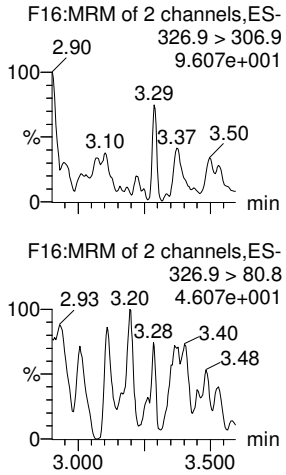

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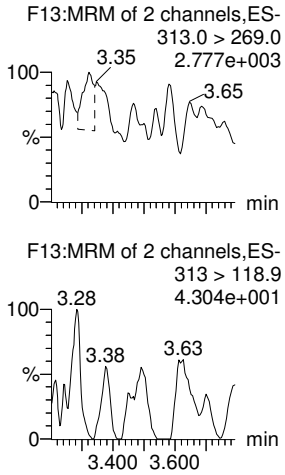

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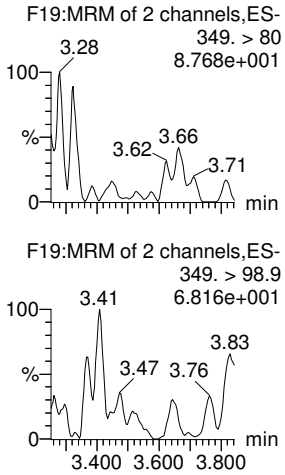

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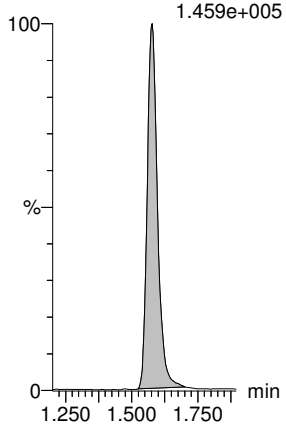

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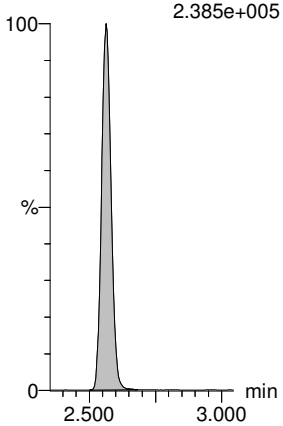

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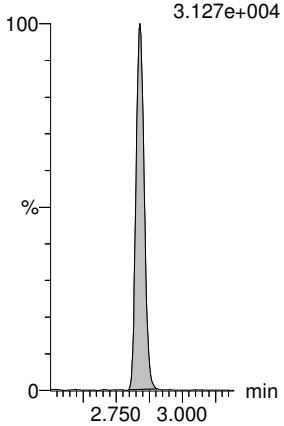

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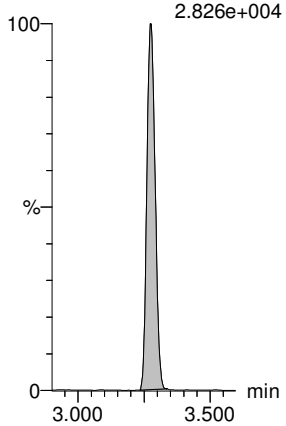

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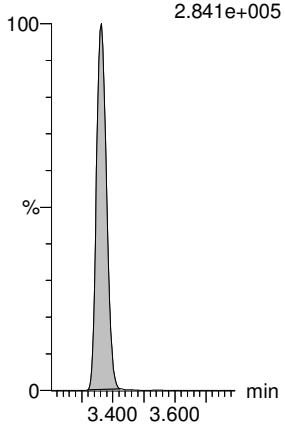

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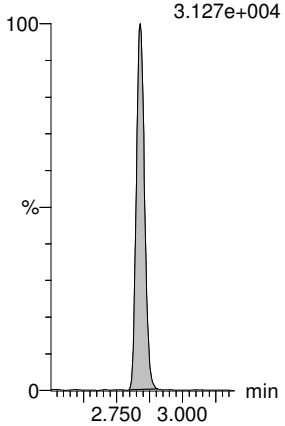

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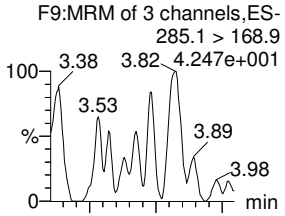

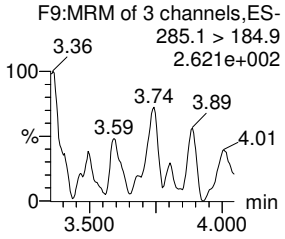

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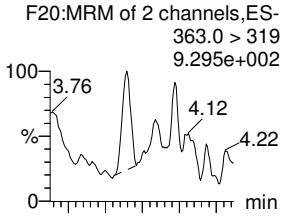

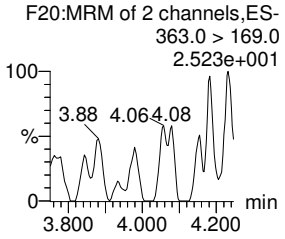

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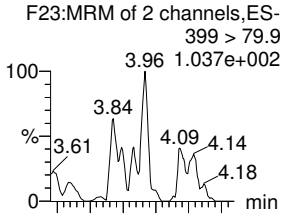
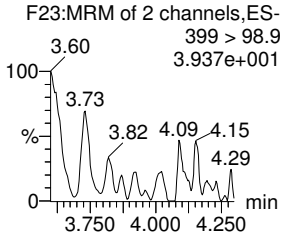
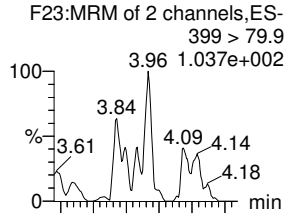
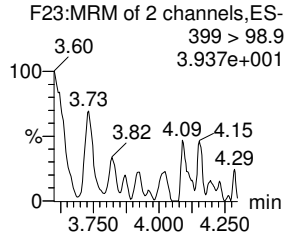




Total PFHxS





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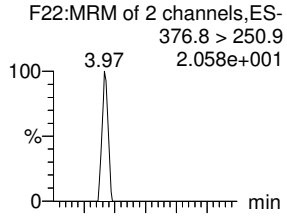

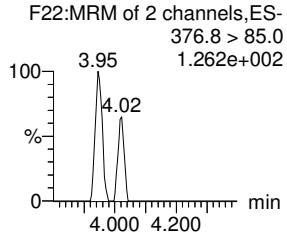

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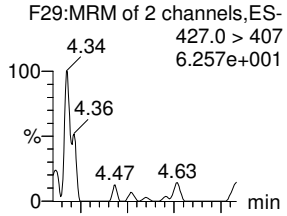

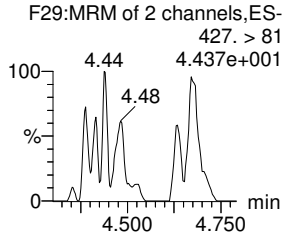

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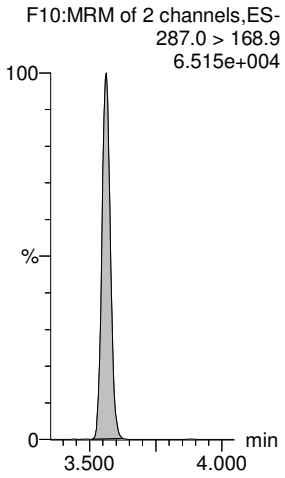

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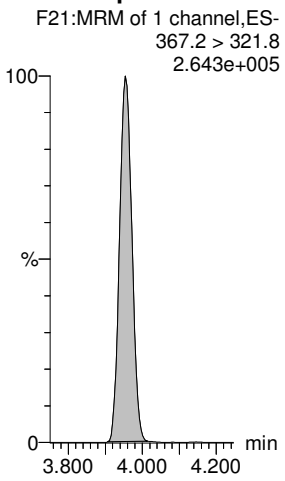

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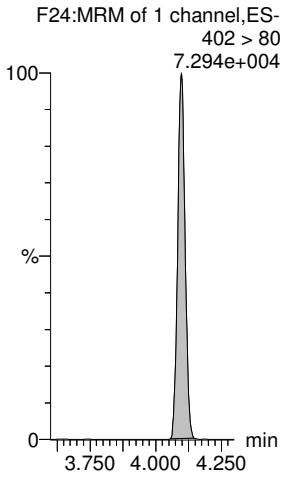

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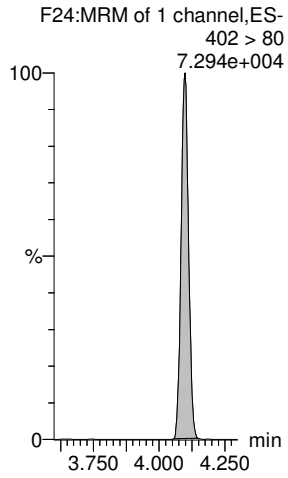

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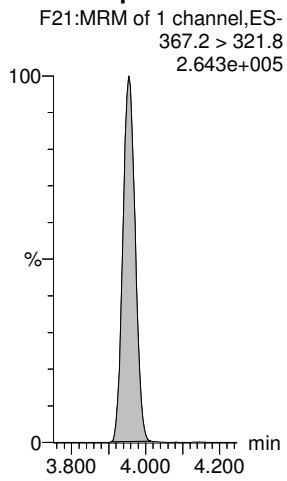

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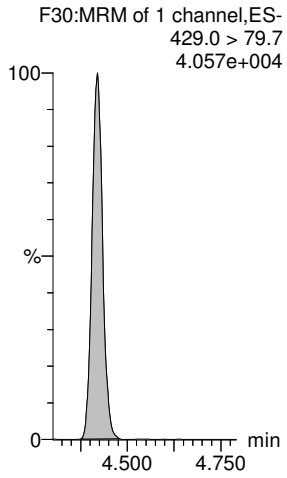

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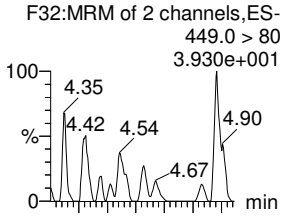
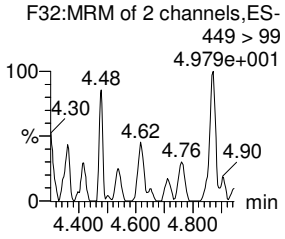
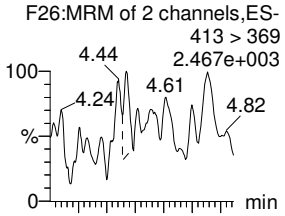
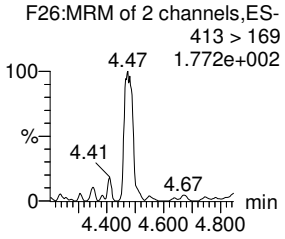
PFHpS





L-PFOA





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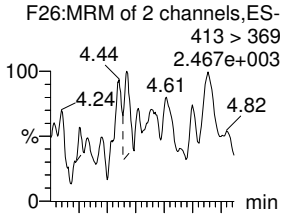

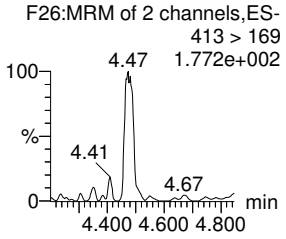

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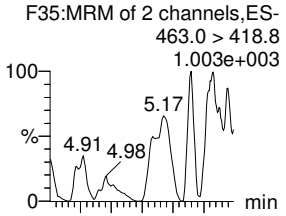

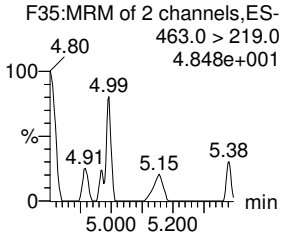

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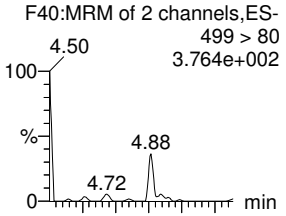

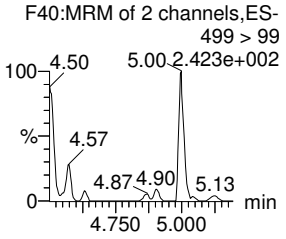

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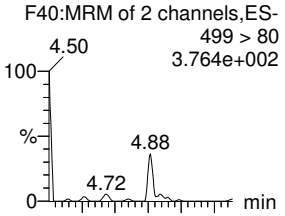

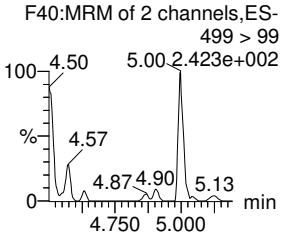

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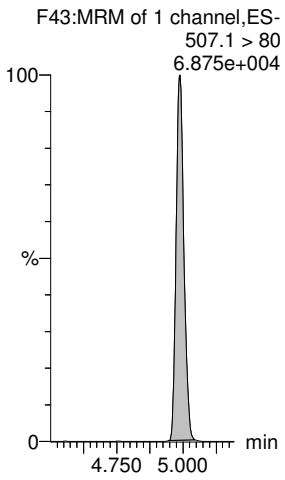

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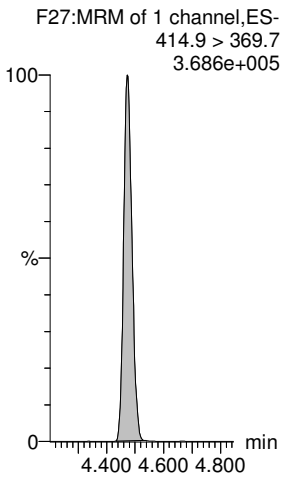

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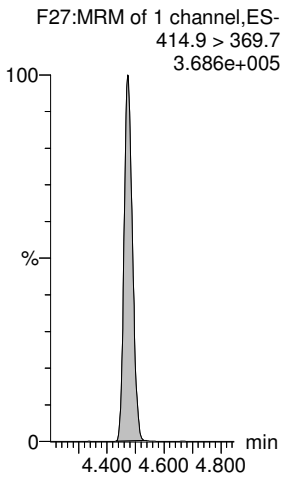

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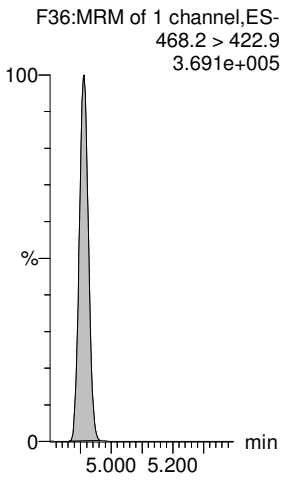

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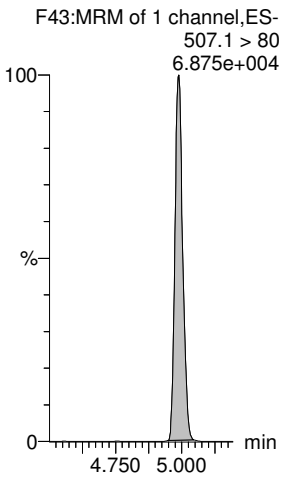

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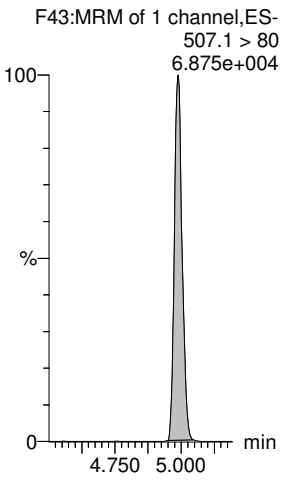

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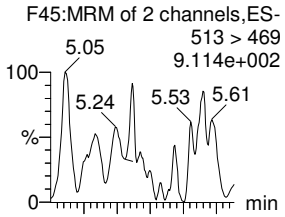
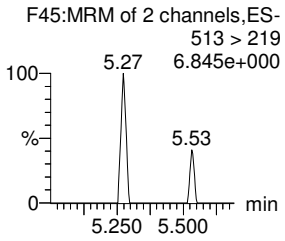
PFDA





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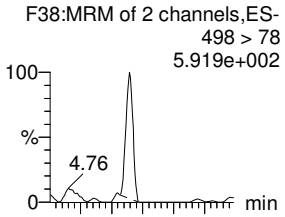

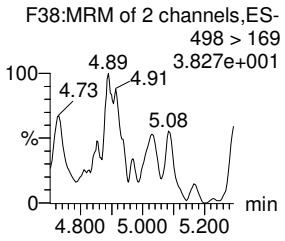

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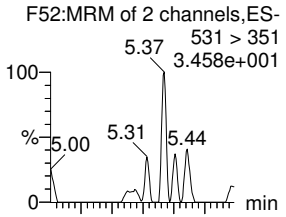
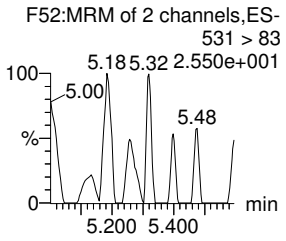
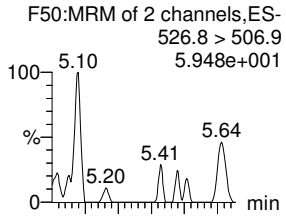
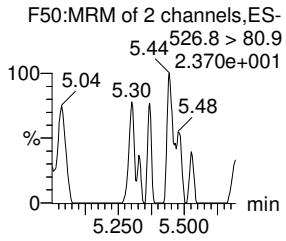




8:2 FTS





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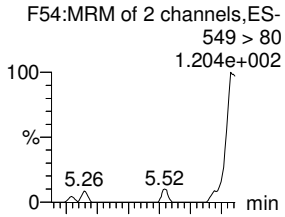

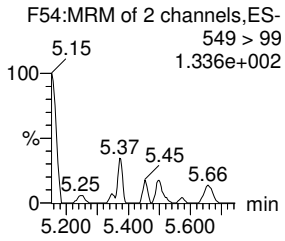

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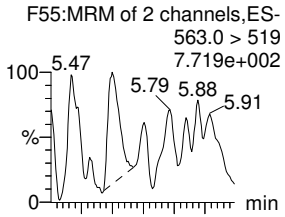
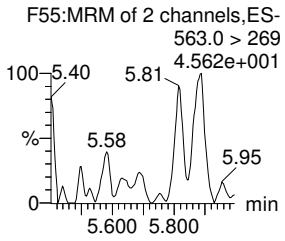
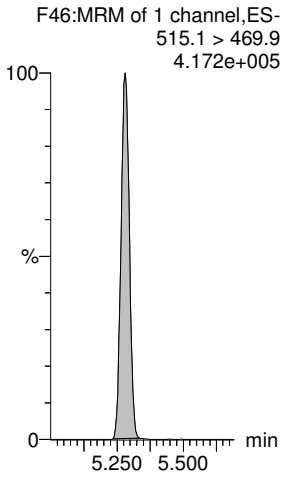




13C2-PFDA-EIS



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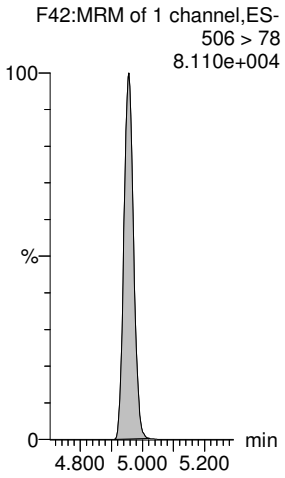

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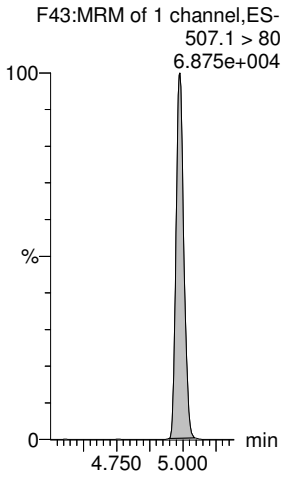

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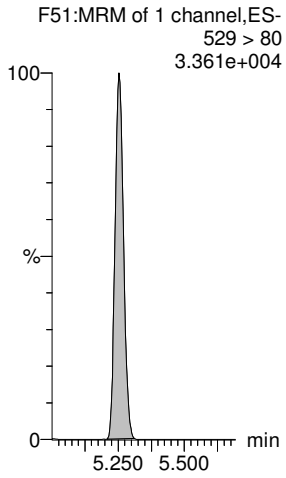

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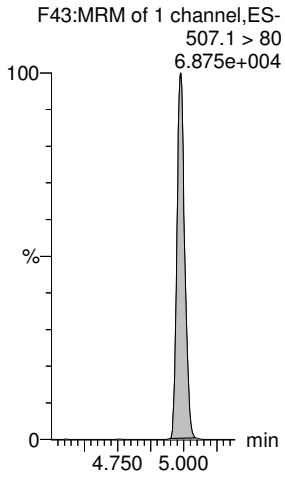
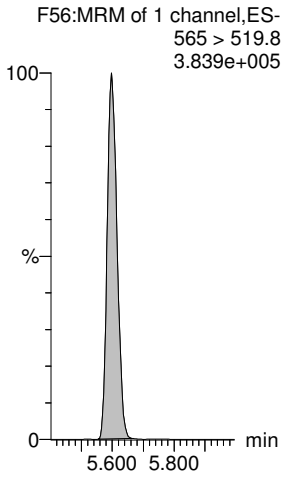


13C2-PFUdA-EIS



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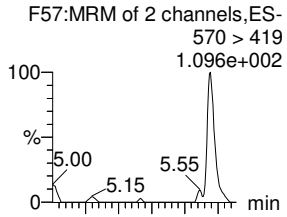

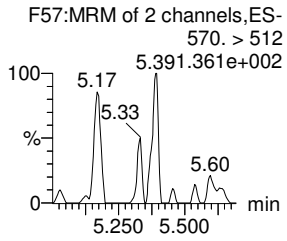

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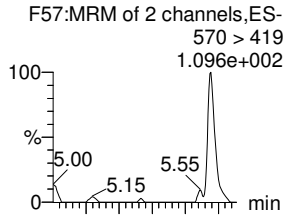

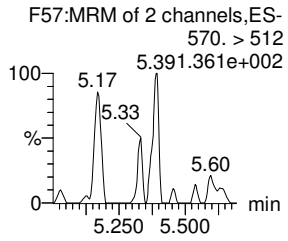

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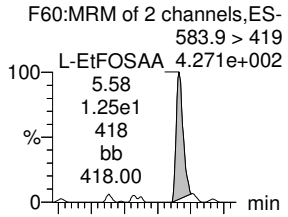

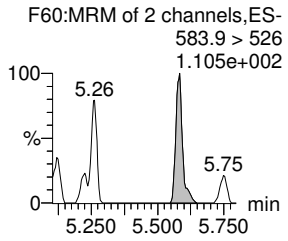

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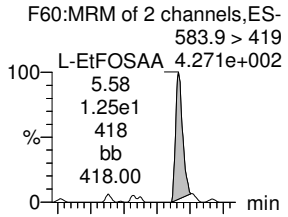

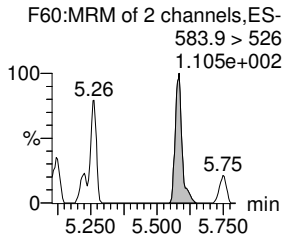

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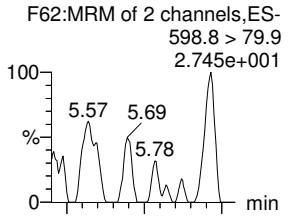
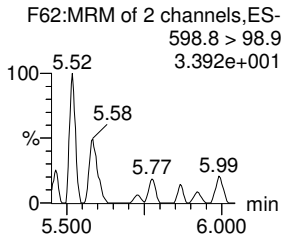
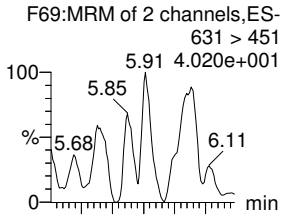
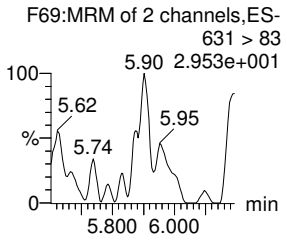




11Cl-PF30UdS





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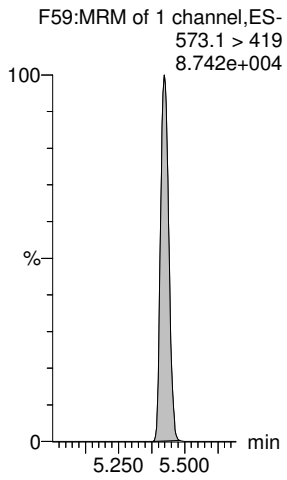

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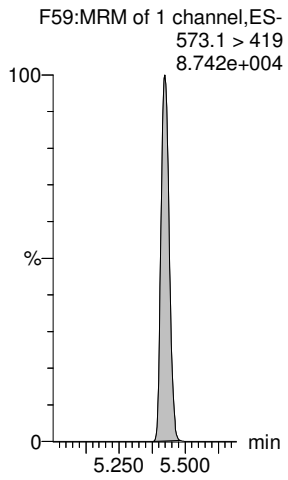

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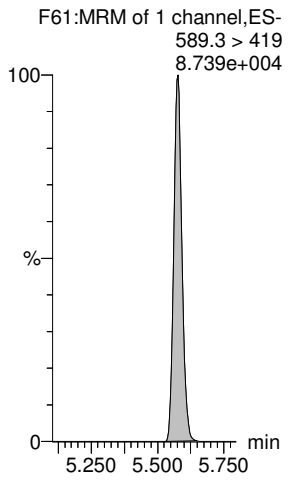

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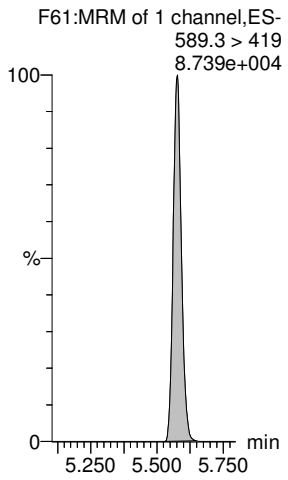

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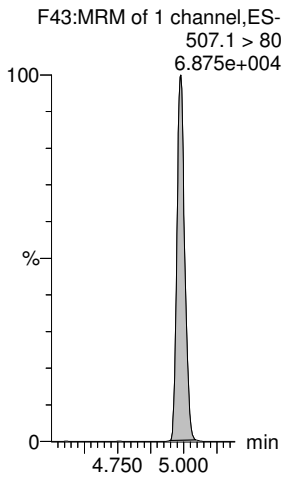

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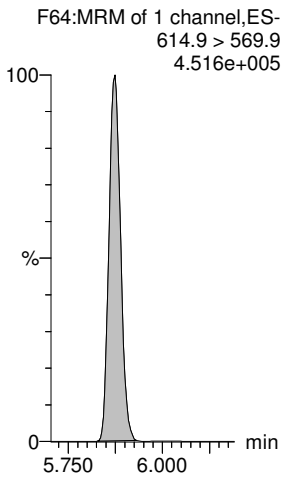

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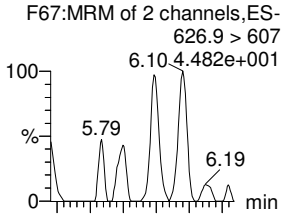
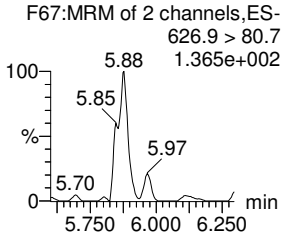
10:2 FTS





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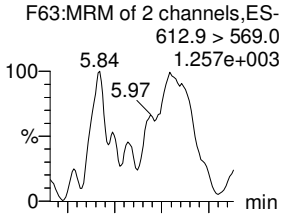
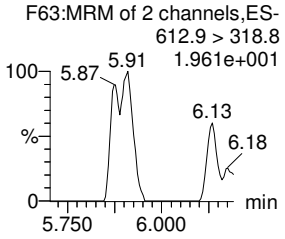
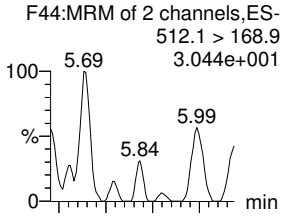
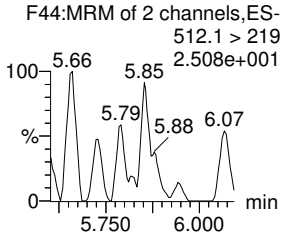




N-MeFOSA





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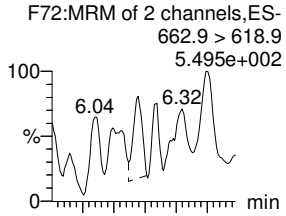

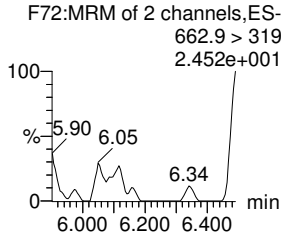

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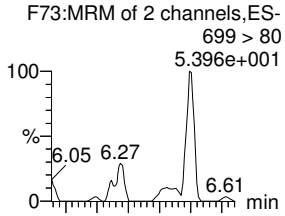

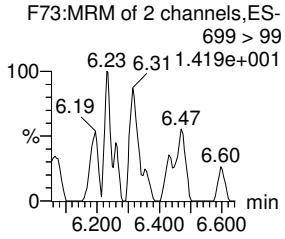

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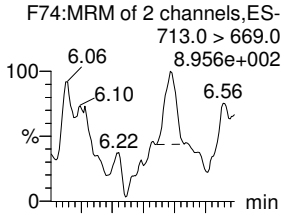

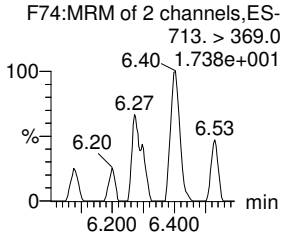

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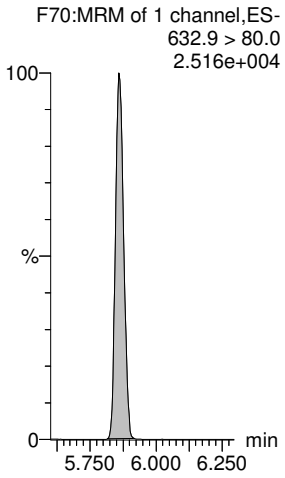

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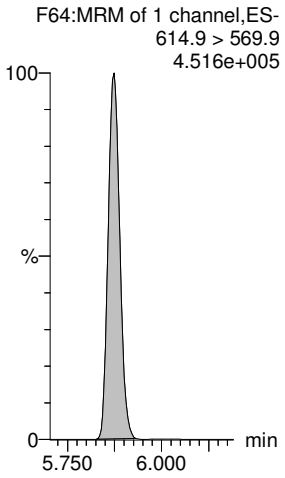

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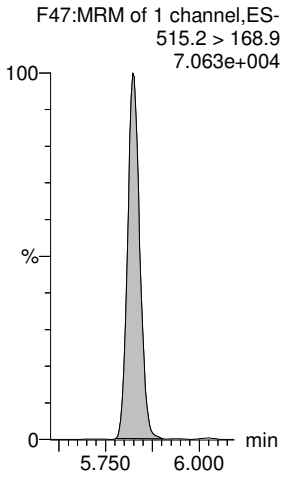

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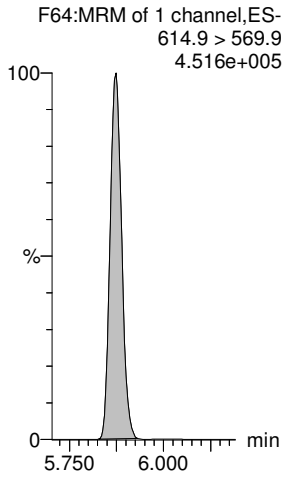

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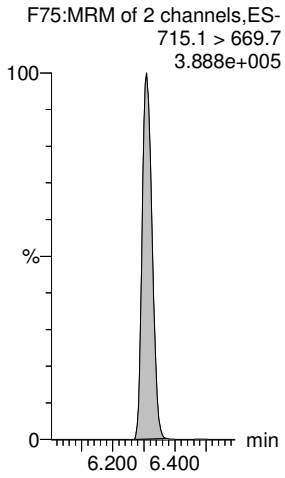

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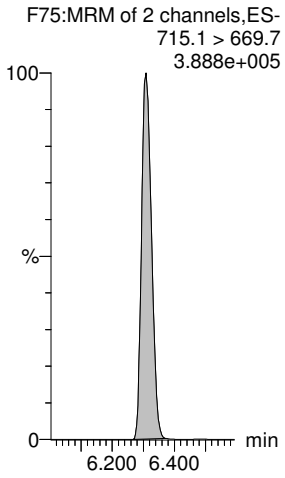

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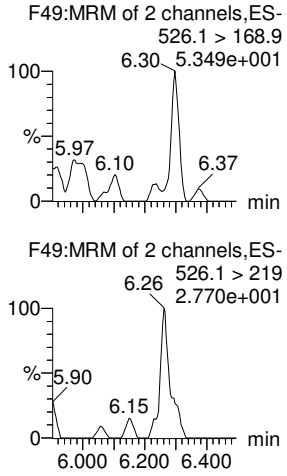
N-EtFOSA



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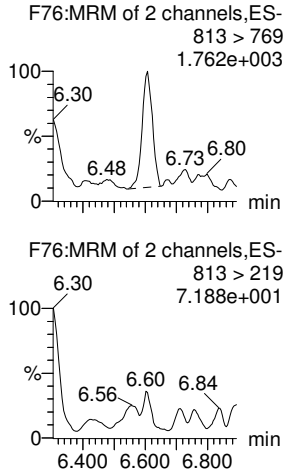
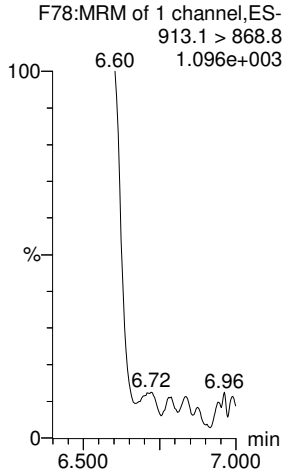
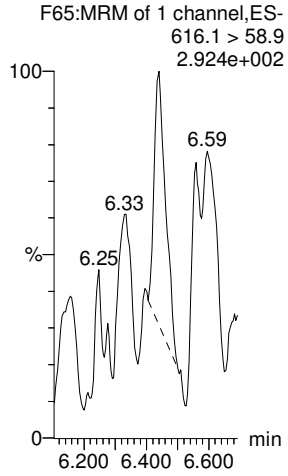


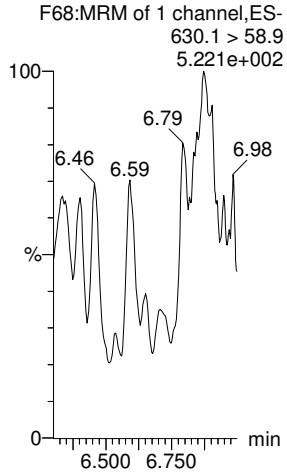
PFODA



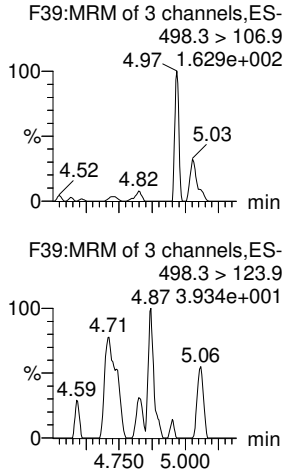
N-MeFOSE



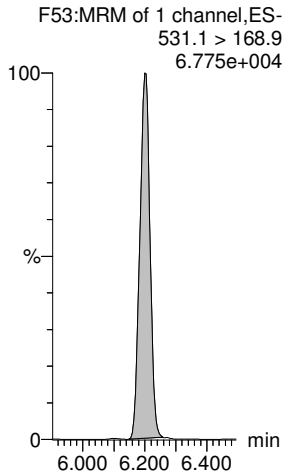
N-EtFOSE



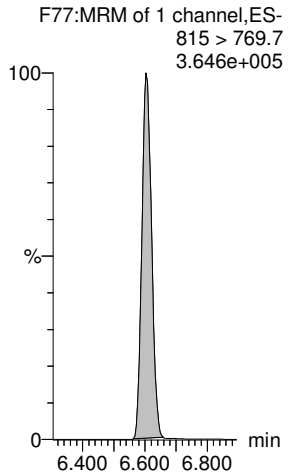
TDCA



d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



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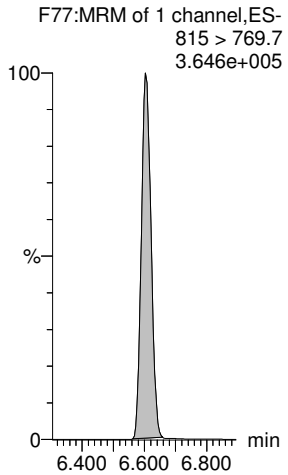

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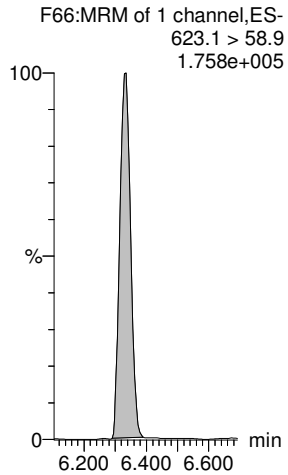

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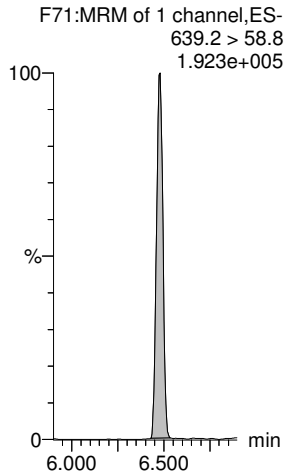
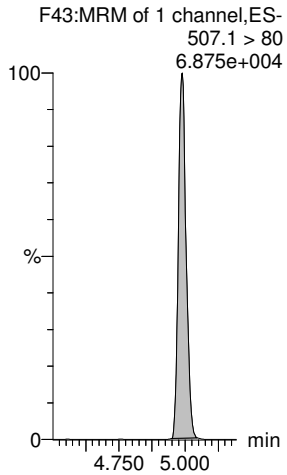


13C8-PFOS-EIS



Vista Analytical Laboratory L24

OC 7/10/2020

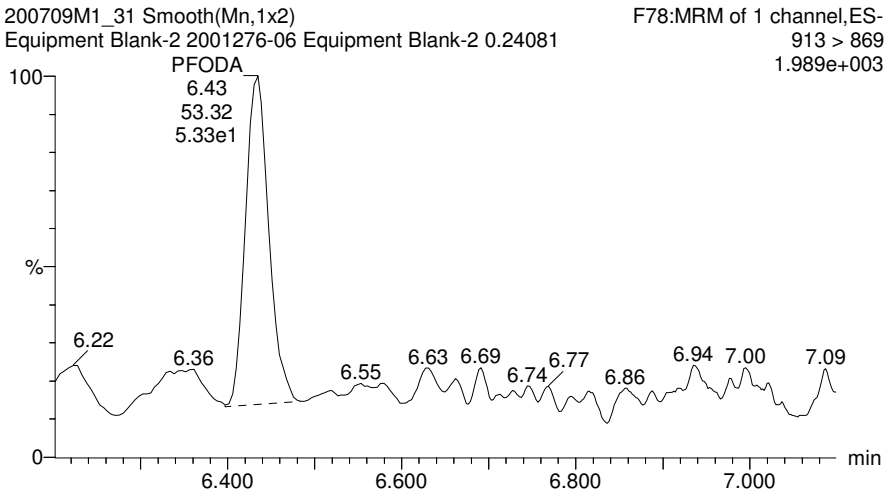
Dataset: Z:\Projects\PFAS.PRO\Results\200709M1\200709M1-31.qld

Last Altered: Friday, July 10, 2020 14:59:33 Pacific Daylight Time
Printed: Friday, July 10, 2020 15:00:01 Pacific Daylight Time

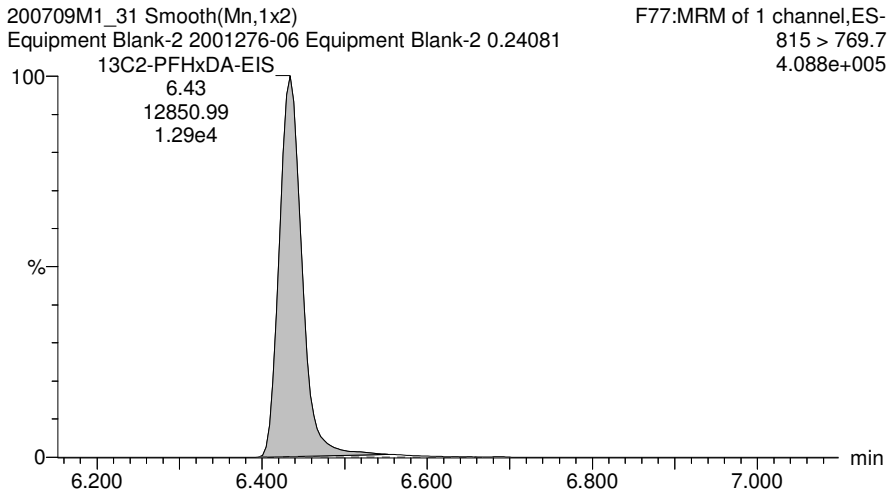
Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070920.mdb 10 Jul 2020 11:48:11
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-09-20.cdb 10 Jul 2020 10:31:20

Name: 200709M1_31, Date: 09-Jul-2020, Time: 21:14:10, ID: 2001276-06 Equipment Blank-2 0.24081, Description: Equipment Blank-2

PFODA



13C2-PFHxDA-EIS



	#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	44	PFODA	913 > 869		1.285e4	0.241		6.65						
2	95	13C2-PFHxDA-EIS	815 > 769.7	1.285e4		0.241	1913.816	6.43	6.43	12900	27.884	53.7		

AMR 7/10/2020

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

Last Altered: Tuesday, July 07, 2020 15:49:57 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 15:52:43 Pacific Daylight Time

Name: 200706P1-80, Date: 07-Jul-2020, Time: 00:18:27, ID: 2001276-07 Duplicate-1 0.24702, Description: Duplicate-1

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	3.814e2	6.876e3	0.247	1.58	1.58	0.693	2.549			
2	4	PFPeA	263.1 > 218.9		9.657e3	0.247	2.57						
3	5	PFBS	299.0 > 80		1.135e3	0.247	2.84						YES
4	6	4:2 FTS	326.9 > 306.9		9.952e2	0.247	3.28						YES
5	7	PFHxA	313.0 > 269.0		1.116e4	0.247	3.36						YES
6	8	PFPeS	349.>80		1.135e3	0.247	3.76						YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	6.876e3		0.247	1.63	1.58	6875.549	40.361	79.8		
8	49	13C3-PFPeA-EIS	266.0 > 221.8	9.657e3		0.247	2.76	2.57	9656.885	40.654	80.3		
9	51	13C3-PFBS-EIS	302.0 > 98.9	1.135e3		0.247	2.87	2.84	1134.745	44.169	87.3		
10	55	13C2-4:2 FTS-EIS	329.0 >80.8	9.952e2		0.247	3.31	3.28	995.231	39.929	78.9		
11	57	13C2-PFHxA-EIS	315.0 > 270.0	1.116e4		0.247	3.38	3.36	11162.209	41.443	81.9		
12	51	13C3-PFBS-EIS	302.0 > 98.9	1.135e3		0.247	2.87	2.84	1134.745	44.169	87.3		
13	-1												
14	9	HFPO-DA	285.1 > 168.9		2.263e3	0.247	3.56						YES
15	11	PFHpA	363.0 > 319		9.846e3	0.247	3.95						YES
16	13	L-PFHxS	399 > 79.9	5.985e1	2.330e3	0.247	4.10	4.09	0.321	0.904		5.331	NO
17	1...	Total PFHxS	399 > 79.9	5.985e1	2.330e3	0.247	3.93		0.321	0.904			
18	12	ADONA	376.8 > 250.9		9.846e3	0.247	4.05						YES
19	15	6:2 FTS	427.0 > 407		1.192e3	0.247	4.42						YES
20	53	13C3-HFPO-DA-EIS	287.0 > 168.9	2.263e3		0.247	3.59	3.56	2263.035	40.135	79.3		
21	59	13C4-PFHpA-EIS	367.2 > 321.8	9.846e3		0.247	3.98	3.95	9846.468	40.544	80.1		
22	61	13C3-PFHxS-EIS	402 > 80	2.330e3		0.247	4.13	4.10	2330.085	42.854	84.7		
23	61	13C3-PFHxS-EIS	402 > 80	2.330e3		0.247	4.13	4.10	2330.085	42.854	84.7		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	9.846e3		0.247	3.98	3.95	9846.468	40.544	80.1		
25	63	13C2-6:2 FTS-EIS	429.0 >79.7	1.192e3		0.247	4.45	4.42	1191.696	37.473	74.1		
26	-1												
27	19	PFHpS	449.0 > 80		2.145e3	0.247	4.53						YES
28	16	L-PFOA	413 > 369	2.862e2	1.136e4	0.247	4.47	4.47	0.315	0.933		4.204	NO
29	1...	Total PFOA	413 > 369	2.862e2	1.136e4	0.247	4.60		0.315	0.933			
30	21	PFNA	463.0 > 418.8		1.056e4	0.247	4.91						YES
31	23	L-PFOS	499 > 80		2.145e3	0.247	4.99						YES
32	1...	Total PFOS	499> 80	0.000e0	2.145e3	0.247	4.60		0.000				
33	71	13C8-PFOS-EIS	507.1 > 80	2.145e3		0.247	5.02	4.99	2145.362	38.513	76.1		
34	69	13C2-PFOA-EIS	414.9 > 369.7	1.136e4		0.247	4.67	4.47	11364.905	39.853	78.8		
35	69	13C2-PFOA-EIS	414.9 > 369.7	1.136e4		0.247	4.67	4.47	11364.905	39.853	78.8		
36	65	13C5-PFNA-EIS	468.2 > 422.9	1.056e4		0.247	5.13	4.91	10564.892	35.255	69.7		

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

Last Altered: Tuesday, July 07, 2020 15:49:57 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 15:52:43 Pacific Daylight Time

Name: 200706P1-80, Date: 07-Jul-2020, Time: 00:18:27, ID: 2001276-07 Duplicate-1 0.24702, Description: Duplicate-1

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2.145e3		0.247	5.02	4.99	2145.362	38.513	76.1		
38	71	13C8-PFOS-EIS	507.1 > 80	2.145e3		0.247	5.02	4.99	2145.362	38.513	76.1		
39	-1												
40	26	PFDA	513 > 469		1.199e4	0.247	5.28						YES
41	22	PFOSA	498 > 78		3.122e3	0.247	4.96						YES
42	25	9Cl-PF30NS	531 > 351		2.145e3	0.247	5.21						YES
43	27	8:2 FTS	526.8 > 506.9		1.046e3	0.247	5.26						YES
44	28	PFNS	549 > 80		2.145e3	0.247	5.35						YES
45	33	PFUdA	563.0 > 519		1.170e4	0.247	5.60						YES
46	73	13C2-PFDA-EIS	515.1 > 469.9	1.199e4		0.247	5.31	5.28	11993.627	32.554	64.3		
47	67	13C8-PFOSA-EIS	506 > 78	3.122e3		0.247	4.99	4.96	3122.394	22.123	43.7		
48	71	13C8-PFOS-EIS	507.1 > 80	2.145e3		0.247	5.02	4.99	2145.362	38.513	76.1		
49	75	13C2-8:2 FTS-EIS	529 > 80	1.046e3		0.247	5.29	5.26	1045.803	38.365	75.8		
50	71	13C8-PFOS-EIS	507.1 > 80	2.145e3		0.247	5.02	4.99	2145.362	38.513	76.1		
51	79	13C2-PFUdA-EIS	565 > 519.8	1.170e4		0.247	5.54	5.60	11699.882	29.952	59.2		
52	-1												
53	29	L-MeFOSAA	570 > 419		1.828e3	0.247	5.42						YES
54	1...	Total N-MeFOSAA	570. > 419	0.000e0	1.828e3	0.247	5.19		0.000				
55	31	L-EtFOSAA	583.9 > 419		1.607e3	0.247	5.58						YES
56	1...	Total N-EtFOSAA	583.9 > 419	0.000e0	1.607e3	0.247	5.37		0.000				
57	34	PFDS	598.8 >79.9		2.145e3	0.247	5.74						YES
58	35	11Cl-PF30UdS	631 > 451		1.302e4	0.247	5.80						YES
59	77	d3-N-MeFOSAA-EIS	573.1 > 419	1.828e3		0.247	5.46	5.42	1828.150	22.348	44.2		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	1.828e3		0.247	5.46	5.42	1828.150	22.348	44.2		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.607e3		0.247	5.61	5.58	1607.145	20.724	41.0		
62	81	d5-N-EtFOSAA-EIS	589.3 > 419	1.607e3		0.247	5.61	5.58	1607.145	20.724	41.0		
63	71	13C8-PFOS-EIS	507.1 > 80	2.145e3		0.247	5.02	4.99	2145.362	38.513	76.1		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	1.302e4		0.247	6.13	5.87	13020.962	28.211	55.7		
65	-1												
66	36	10:2 FTS	626.9 > 607		7.507e2	0.247	5.86						YES
67	37	PFDoA	612.9 > 569.0		1.302e4	0.247	5.87						YES
68	38	N-MeFOSA	512.1 > 168.9		1.967e3	0.247	5.81						YES
69	39	PFTrDA	662.9 > 618.9		1.302e4	0.247	6.14						YES
70	40	PFDoS	699 > 80		5.312e3	0.247	6.11						YES
71	41	PFTeDA	713.0 > 669.0		5.312e3	0.247	6.31						YES
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	7.507e2		0.247	5.89	5.86	750.684	27.974	55.3		

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

Last Altered: Tuesday, July 07, 2020 15:49:57 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 15:52:43 Pacific Daylight Time

Name: 200706P1-80, Date: 07-Jul-2020, Time: 00:18:27, ID: 2001276-07 Duplicate-1 0.24702, Description: Duplicate-1

	#	Name	Trace	Area	IS Area	wt/vol	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	1.302e4		0.247	6.13	5.87	13020.962	28.211	55.7		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	1.967e3		0.247	5.72	5.82	1966.661	57.532	9.5		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	1.302e4		0.247	6.13	5.87	13020.962	28.211	55.7		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	5.312e3		0.247	6.34	6.31	5311.982	11.283	22.3		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	5.312e3		0.247	6.34	6.31	5311.982	11.283	22.3		
78	-1												
79	42	N-EtFOSA	526.1 > 168.9		1.777e3	0.247	6.18						YES
80	43	PFHxDA	813 > 769		1.487e3	0.247	6.60						YES
81	44	PFODA	913.1 > 868.8		1.487e3	0.247	6.82						
82	45	N-MeFOSE	616.1 > 58.9		8.247e3	0.247	6.33						
83	46	N-EtFOSE	630.1 > 58.9		8.519e3	0.247	6.47						
84	1...	TDCA	498.3>106.9			0.247	4.47						YES
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	1.777e3		0.247	6.21	6.20	1777.216	46.347	7.7		
86	93	13C2-PFHxDA-EIS	815 > 769.7	1.487e3		0.247	6.63	6.60	1486.825	2.853	5.6		
87	93	13C2-PFHxDA-EIS	815 > 769.7	1.487e3		0.247	6.63	6.60	1486.825	2.853	5.6		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	8.247e3		0.247	6.33	6.33	8247.019	247.786	41.0		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	8.519e3		0.247	6.48	6.47	8518.520	231.909	38.4		
90	71	13C8-PFOS-EIS	507.1 > 80	2.145e3		0.247	5.02	4.99	2145.362	38.513	76.1		

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Review: AMR 7/10/2020

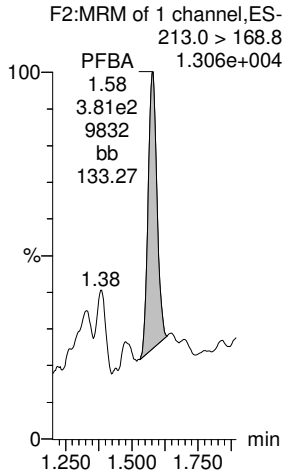
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

Last Altered: Tuesday, July 07, 2020 15:49:57 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 15:52:43 Pacific Daylight Time

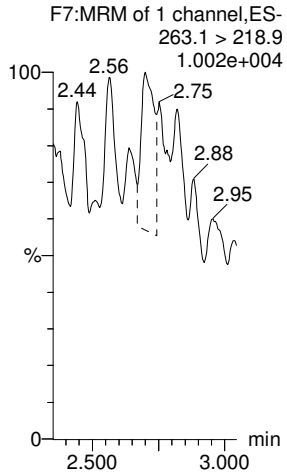
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_070620.mdb 07 Jul 2020 08:33:50
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_07-06-20.cdb 07 Jul 2020 09:00:31

Name: 200706P1-80, Date: 07-Jul-2020, Time: 00:18:27, ID: 2001276-07 Duplicate-1 0.24702, Description: Duplicate-1

PFBA



PFPeA



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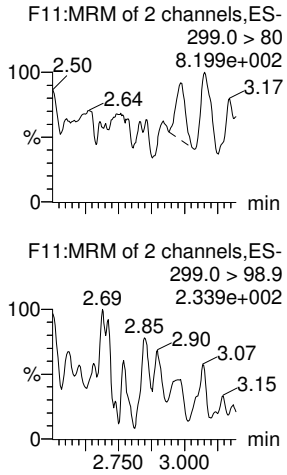
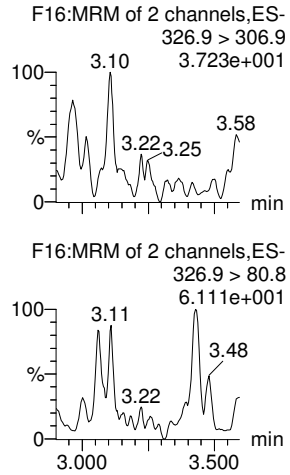
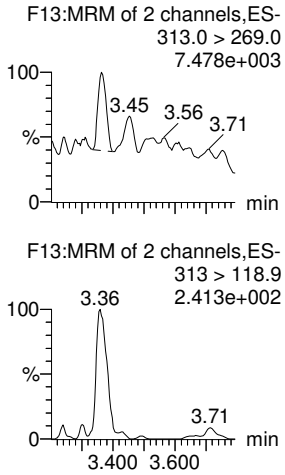


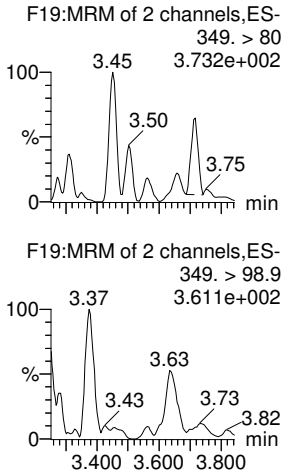
4:2 FTS



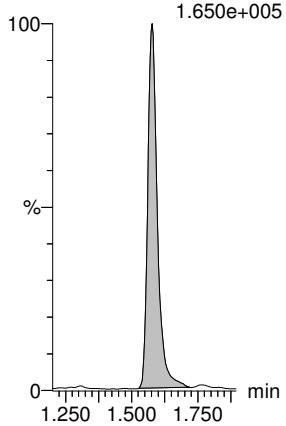
PFHxA



PFPeS



13C3-PFBA-EIS



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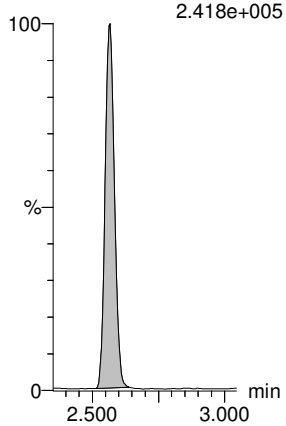
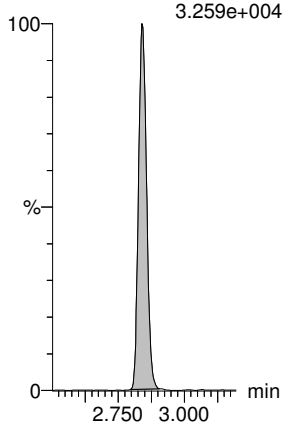
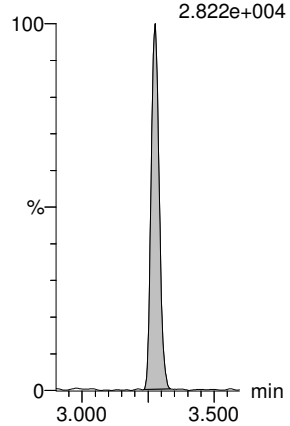


13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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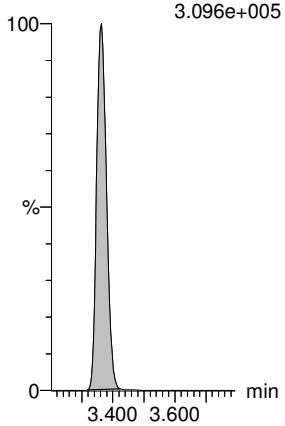
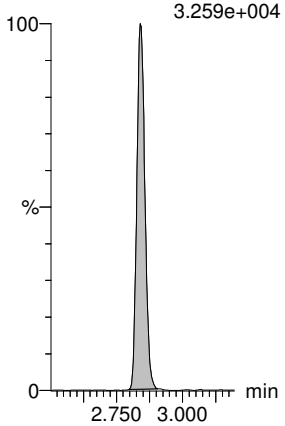


13C3-PFBS-EIS



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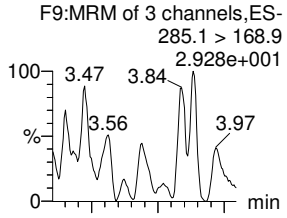

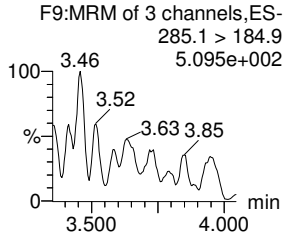

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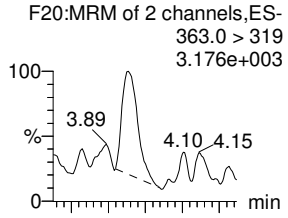

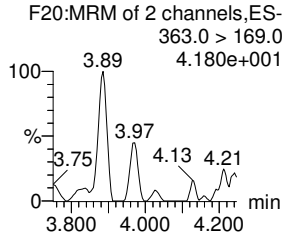

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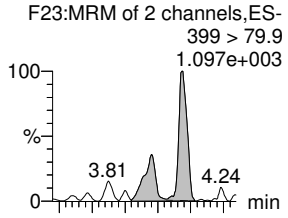

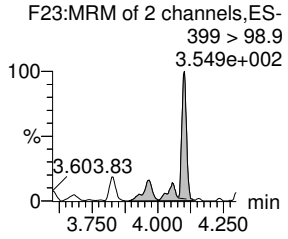

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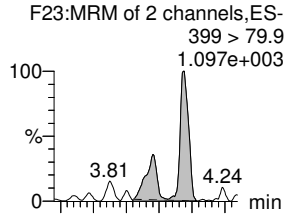

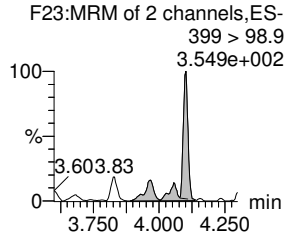

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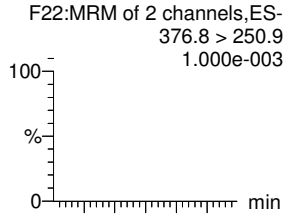
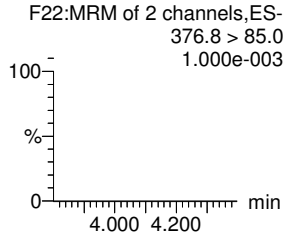
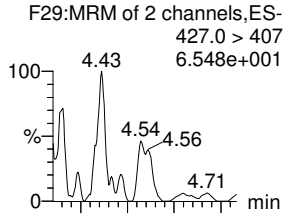
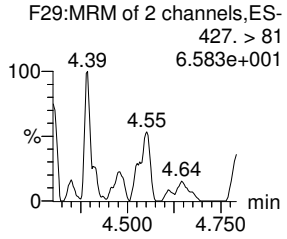




6:2 FTS





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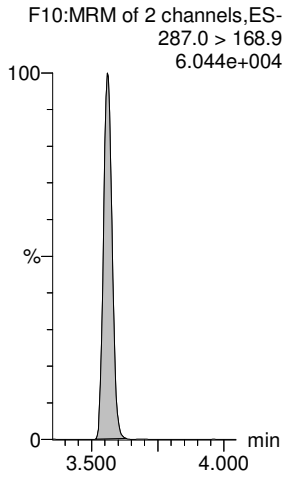

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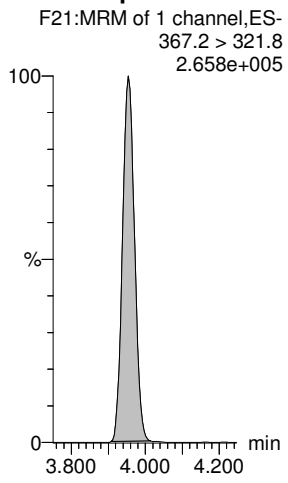

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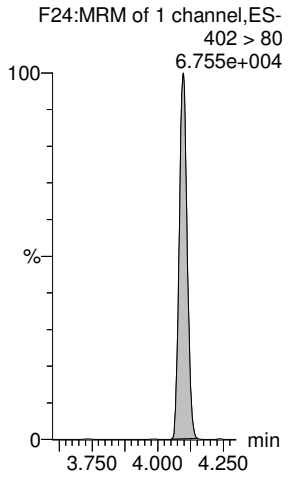

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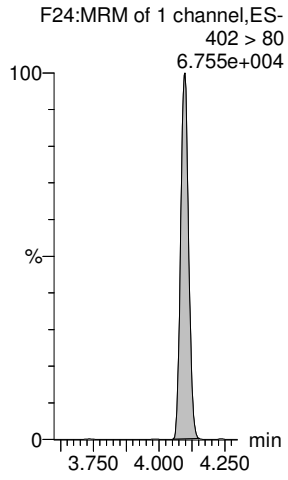

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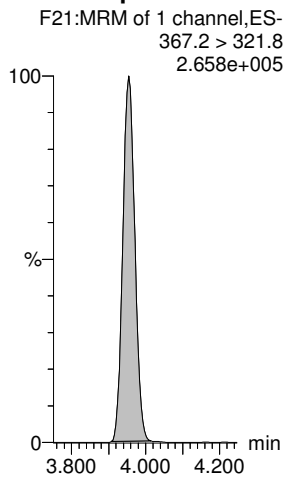
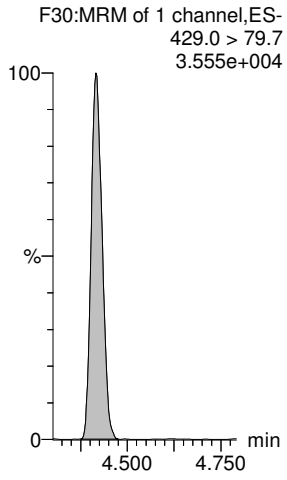


13C2-6:2 FTS-EIS



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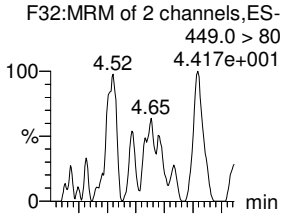
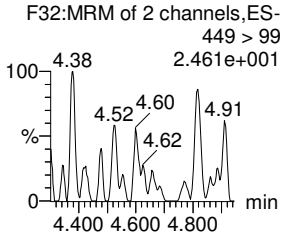
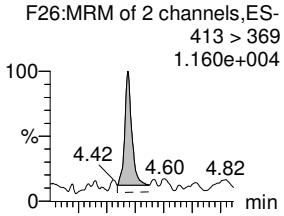
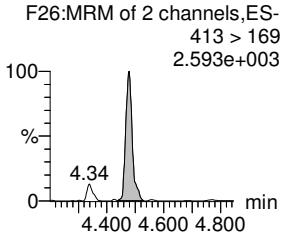




L-PFOA





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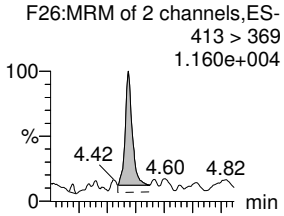

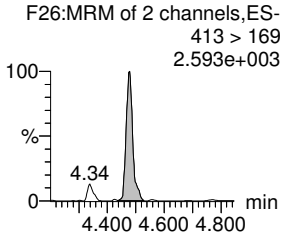

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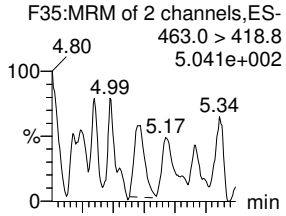

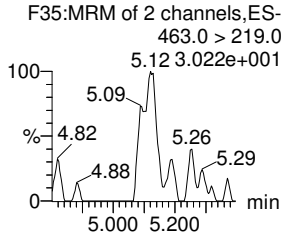

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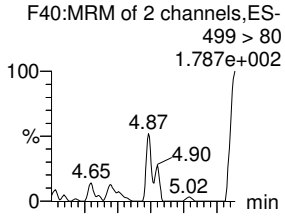

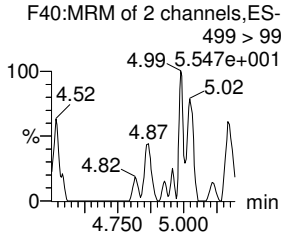

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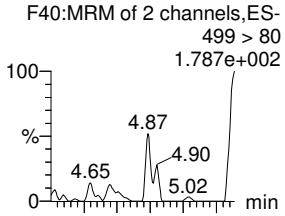

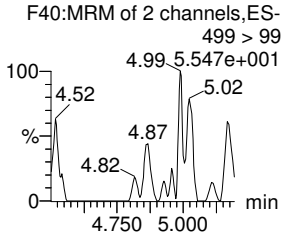

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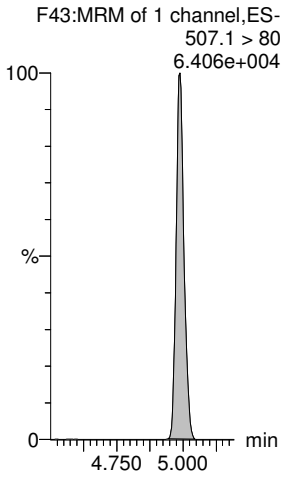
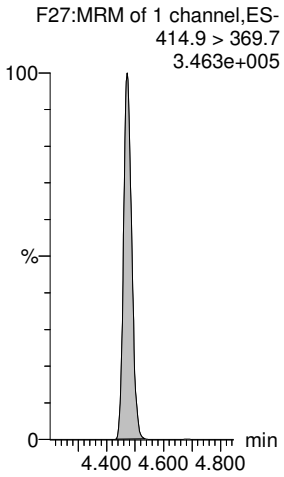


13C2-PFOA-EIS



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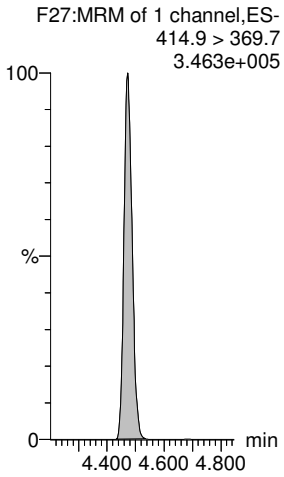

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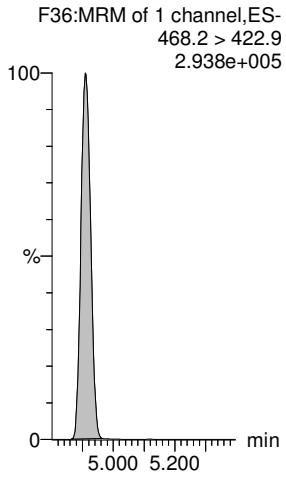

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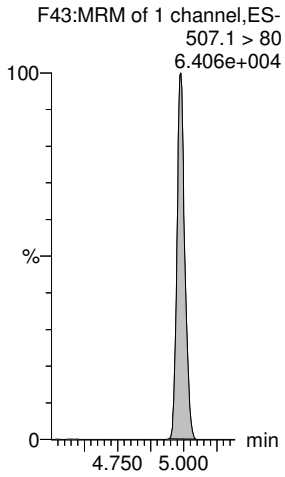

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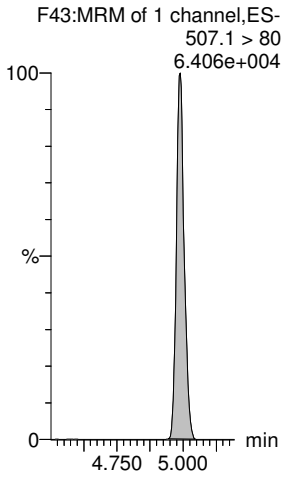

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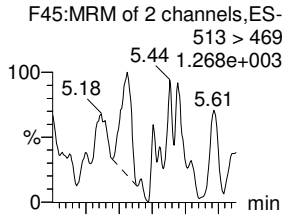
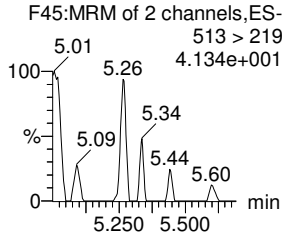
PFDA





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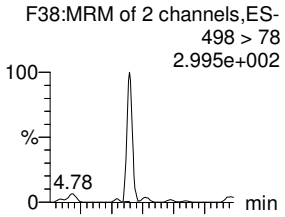

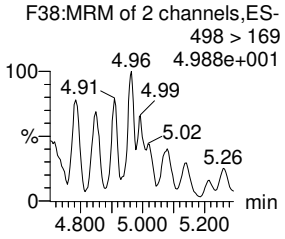

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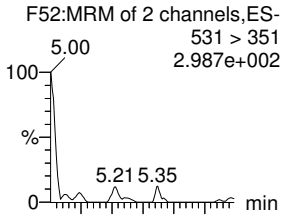
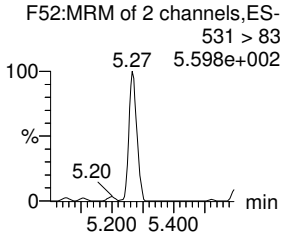
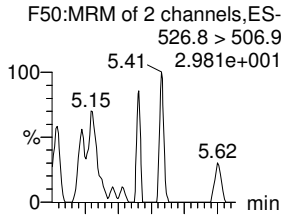
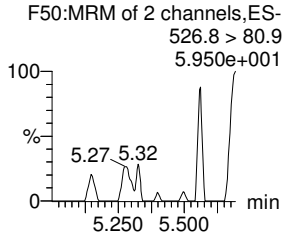




8:2 FTS





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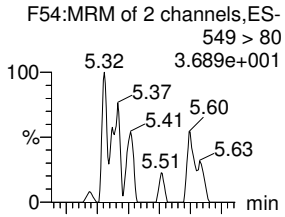

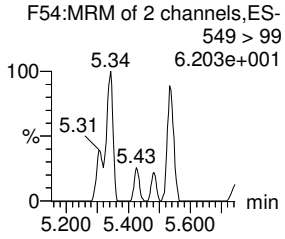

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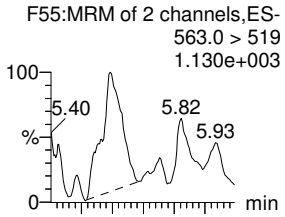

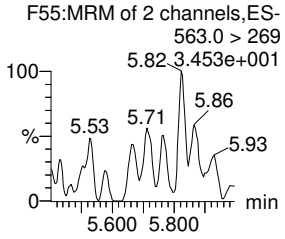

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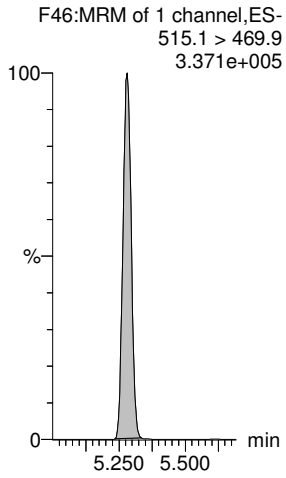

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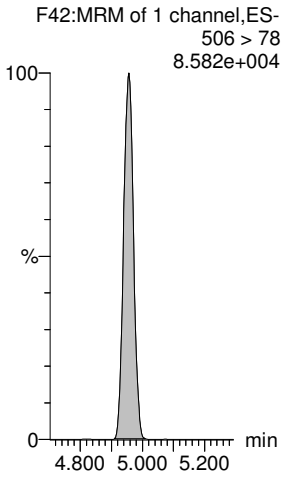

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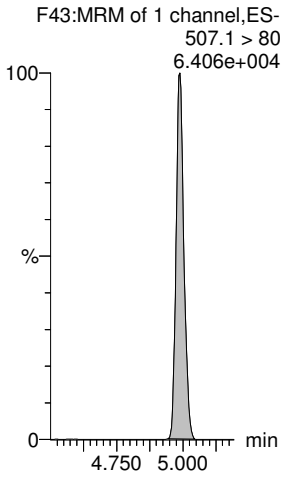

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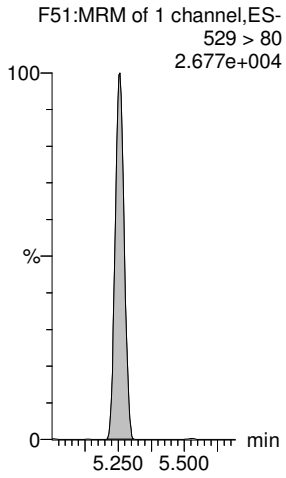

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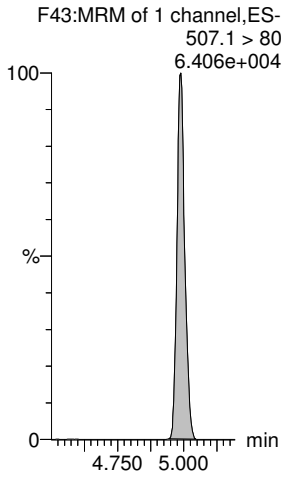
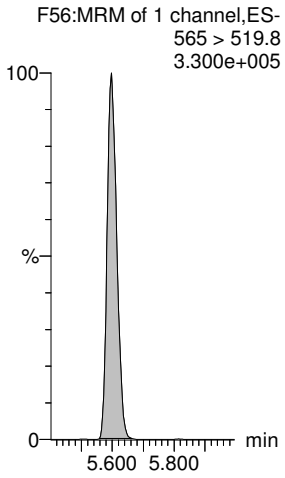


13C2-PFUdA-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

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Printed: Tuesday, July 07, 2020 15:52:43 Pacific Daylight Time

Name: 200706P1-80, Date: 07-Jul-2020, Time: 00:18:27, ID: 2001276-07 Duplicate-1 0.24702, Description: Duplicate-1

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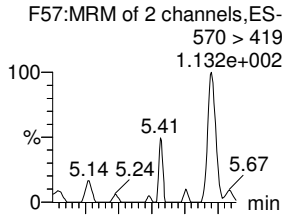

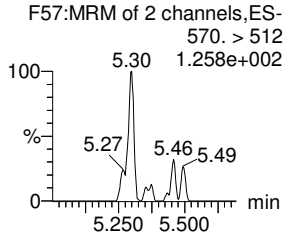

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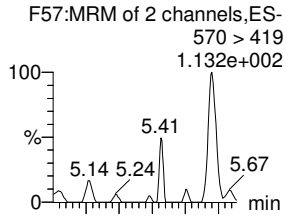
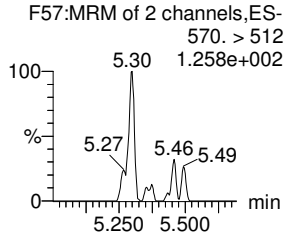
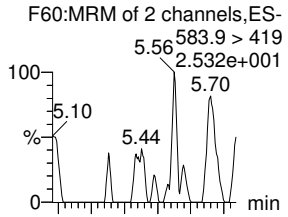
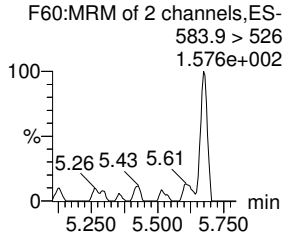




L-EtFOSAA





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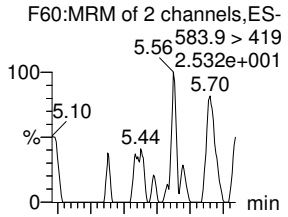
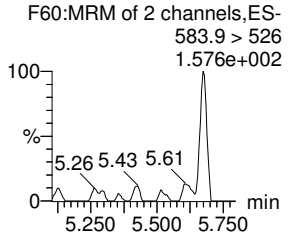
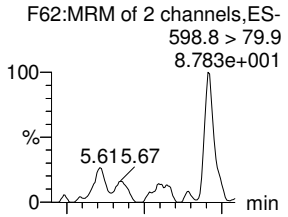
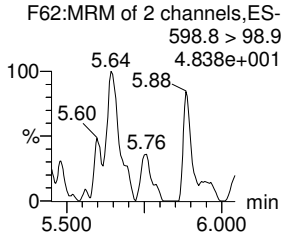




PFDS





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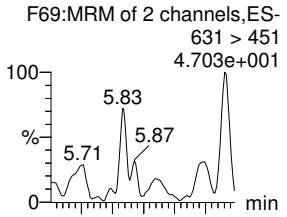

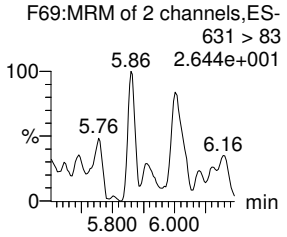

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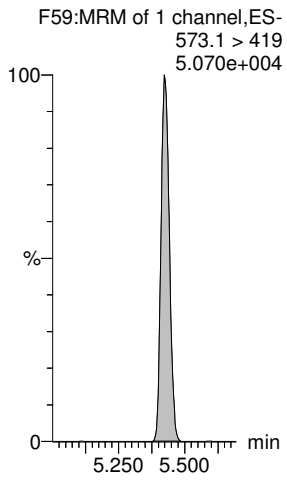

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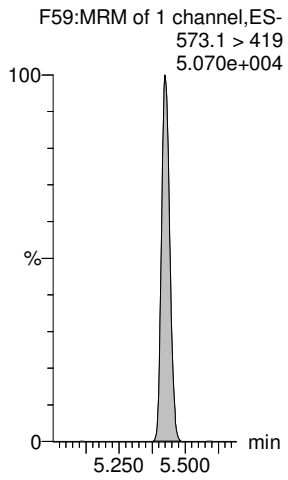

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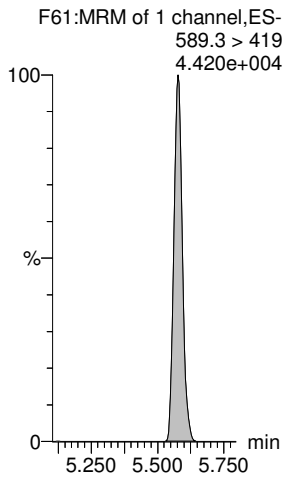

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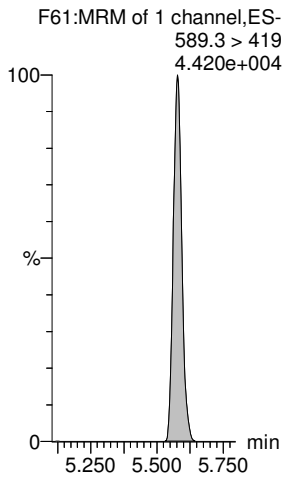
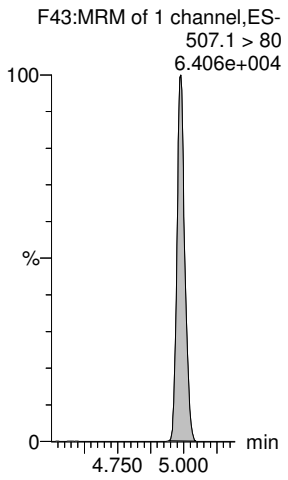
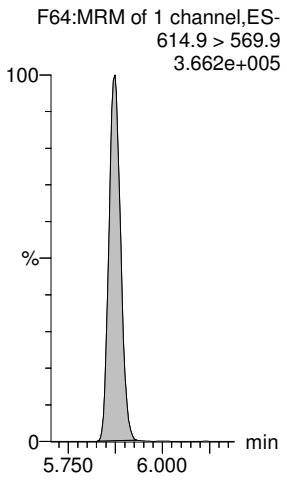


13C8-PFOS-EIS



13C2-PFDoA-EIS

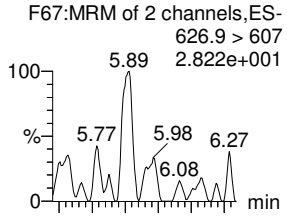


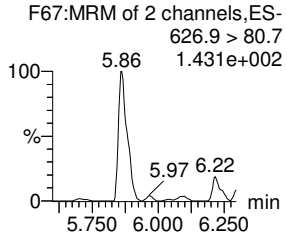
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

Last Altered: Tuesday, July 07, 2020 15:49:57 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 15:52:43 Pacific Daylight Time

Name: 200706P1-80, Date: 07-Jul-2020, Time: 00:18:27, ID: 2001276-07 Duplicate-1 0.24702, Description: Duplicate-1

10:2 FTS





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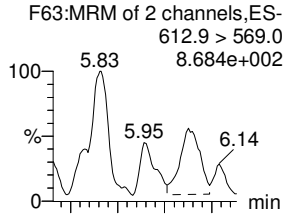
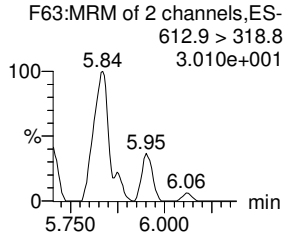
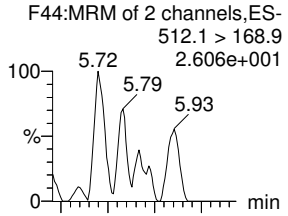
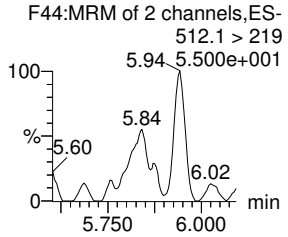




N-MeFOSA





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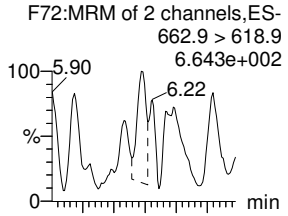

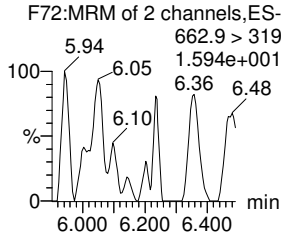

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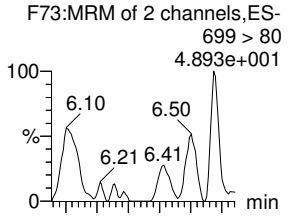

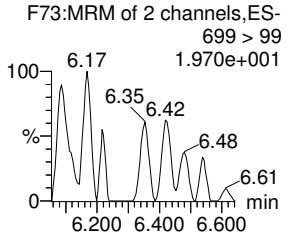

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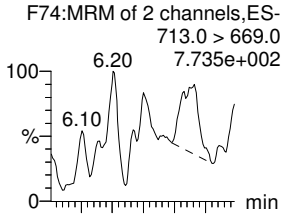
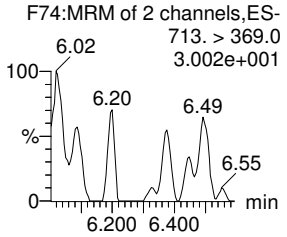
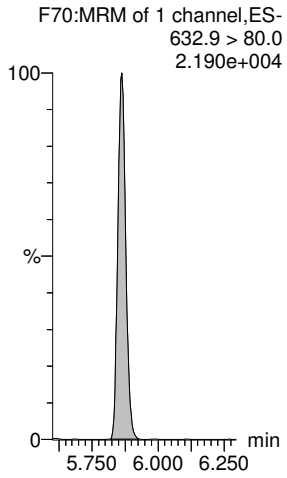
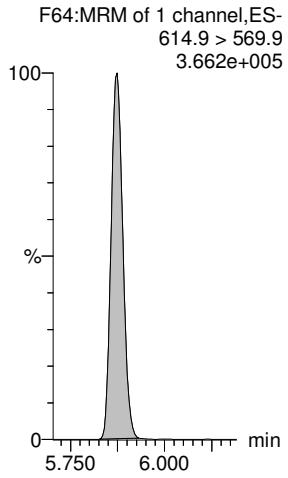




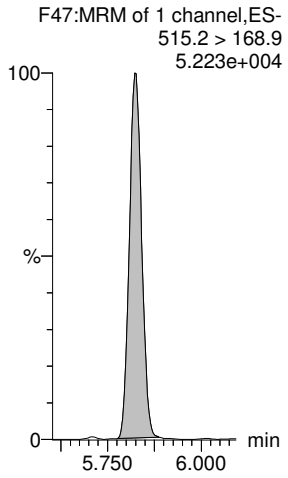
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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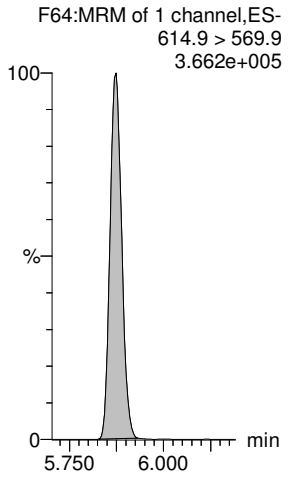

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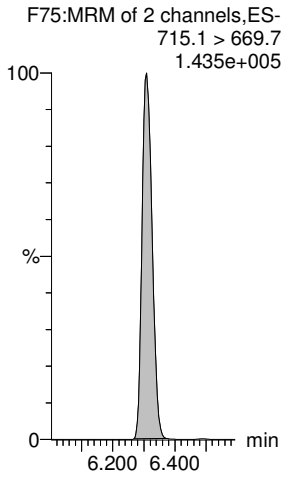

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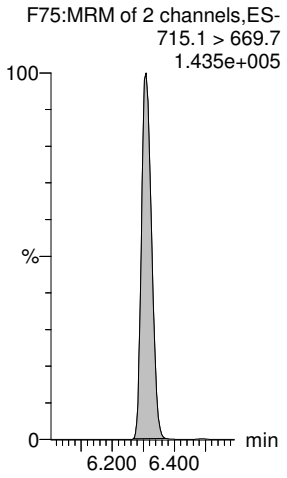

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-75-80.qld

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Printed: Tuesday, July 07, 2020 15:52:43 Pacific Daylight Time

Name: 200706P1-80, Date: 07-Jul-2020, Time: 00:18:27, ID: 2001276-07 Duplicate-1 0.24702, Description: Duplicate-1

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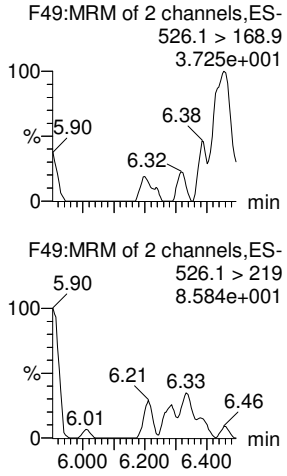

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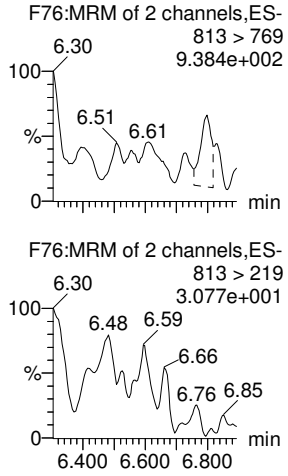
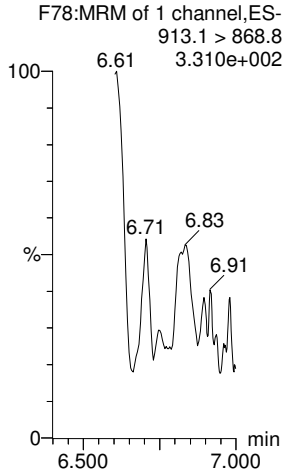


PFODA



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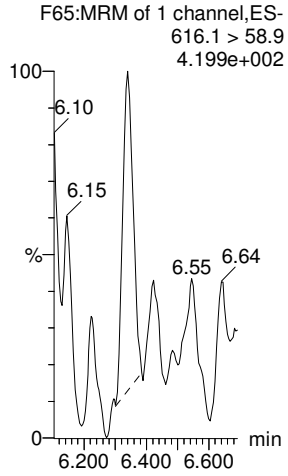

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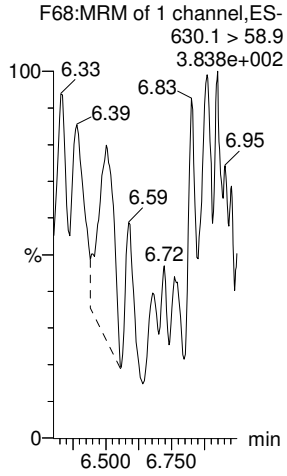

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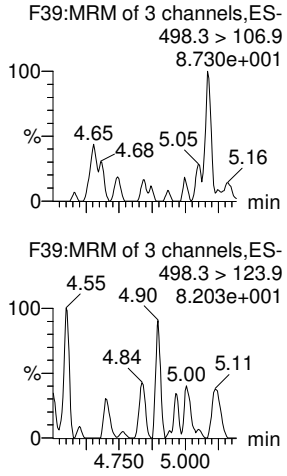
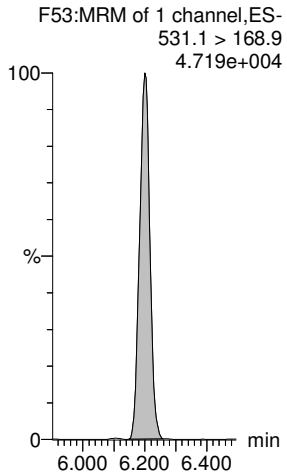


d5-N-ETFOSA-EIS



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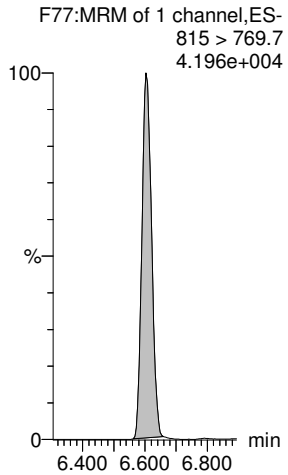

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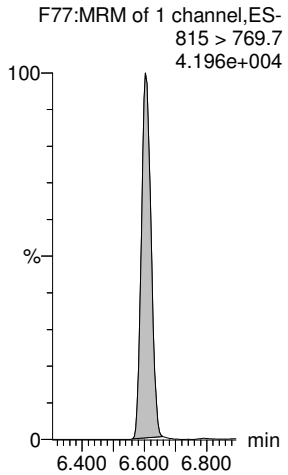

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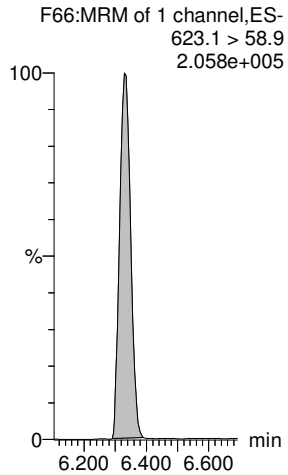

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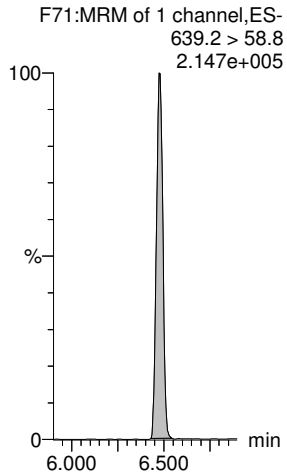

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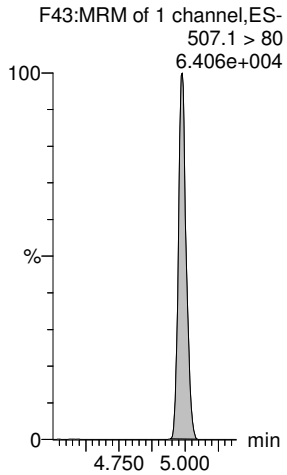

Vista Analytical Laboratory

OC 7/10/2020

Dataset: Z:\Projects\PFAS.PRO\Results\200708M1\200708M1-79.qld

Last Altered: Friday, July 10, 2020 14:51:29 Pacific Daylight Time
Printed: Friday, July 10, 2020 14:53:31 Pacific Daylight Time

Name: 200708M1_79, Date: 09-Jul-2020, Time: 04:24:02, ID: 2001276-07 Duplicate-1 0.24702, Description: Duplicate-1

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1	38	N-MeFOSA	512.1 > 168.9		2.039e3	0.247		5.67						YES
2	42	N-EtFOSA	526.1 > 168.9		2.496e3	0.247		6.09						YES
3	44	PFODA	913 > 869		1.730e3	0.247		6.65						
4	89	d3-N-MeFOSA-EIS	515.2 > 168.9	2.039e3		0.247	103.578	5.68	5.68	2040	79.705	13.2		
5	93	d5-N-ETFOSA-EIS	531.1 > 168.9	2.496e3		0.247	152.311	6.11	6.11	2500	66.337	11.0		
6	95	13C2-PFHxDA-EIS	815 > 769.7	1.730e3		0.247	1990.809	6.45	6.44	1730	3.518	7.0		

AMR 7/10/2020

Vista Analytical Laboratory

OC 7/10/2020

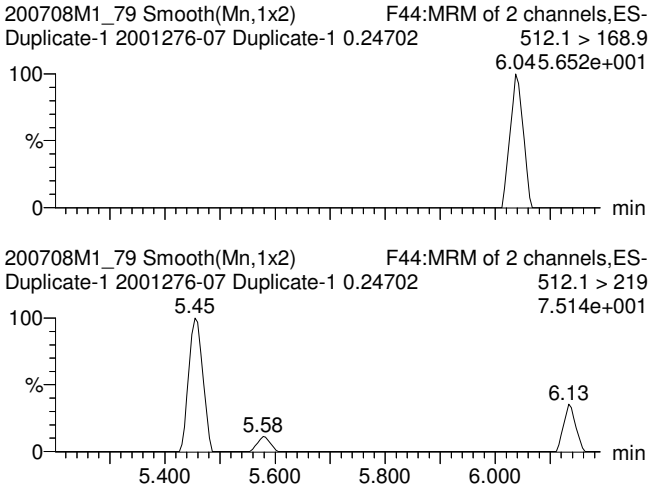
Dataset: Z:\Projects\PFAS.PRO\Results\200708M1\200708M1-79.qld

Last Altered: Friday, July 10, 2020 14:51:29 Pacific Daylight Time
Printed: Friday, July 10, 2020 14:53:31 Pacific Daylight Time

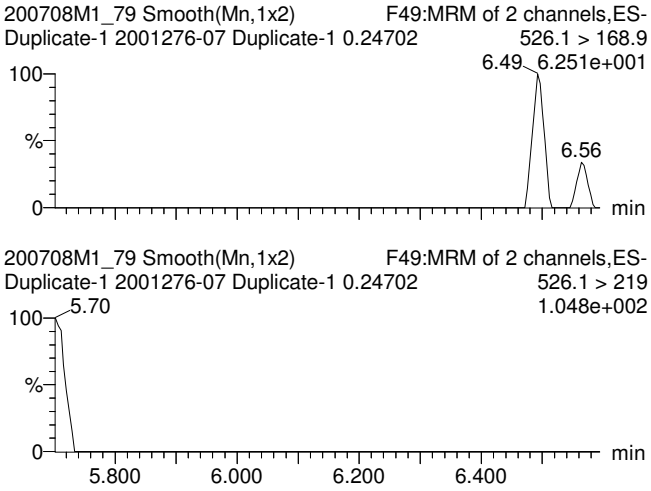
Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

Name: 200708M1_79, Date: 09-Jul-2020, Time: 04:24:02, ID: 2001276-07 Duplicate-1 0.24702, Description: Duplicate-1

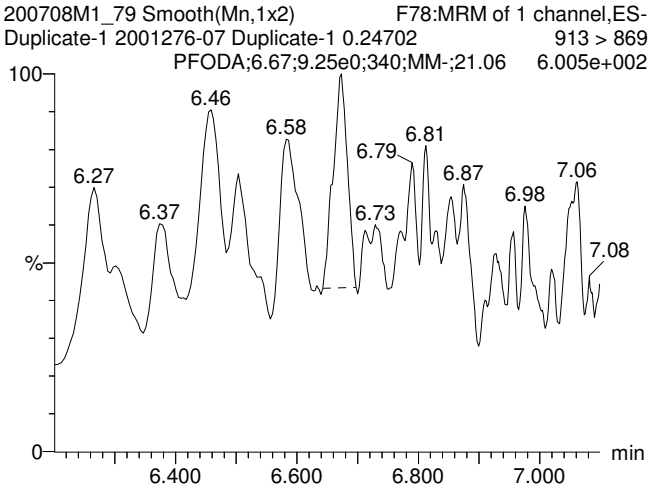
N-MeFOSA



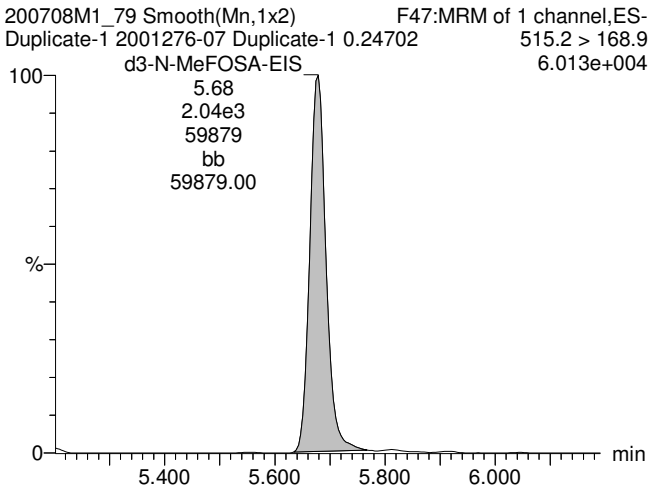
N-EtFOSA



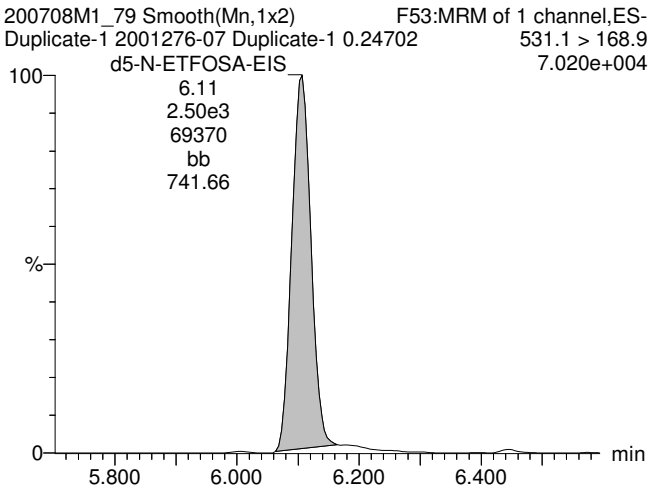
PFODA



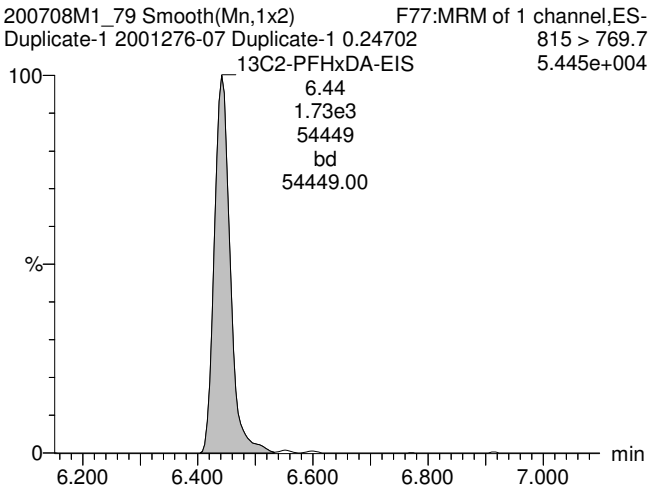
d3-N-MeFOSA-EIS



d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



AMR 7/10/2020

CONTINUING CALIBRATION

LC Calibration Standards Review Checklist Q5

			ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	NA
Calibration ID:	ST20070601-11	L (M) H	☒	☒	☒	☒	☒	☒	☐
Calibration ID:	-12	L (M) H	☒	☒	☒	☒	☒	☒	☐
Calibration ID:	-13	L (M) H	☒	☒	☒	☒	☒	☒	☐
Calibration ID:	-14	L (M) H	☒	☒	☒	☒	☒	☒	☐
Calibration ID:	-15	L (M) H	☒	☒	☒	☒	☒	☒	☐
Calibration ID:	-16	L M H	☒	☒	☒	☒	☒	☒	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐

NA OK 07/07/20

Full Mass Cal. Date: 06-22-20

Run Log Present: ☒

# of Samples per Sequence Checked: ☒

Instrument Blank Saved ☒

All Branches in Acquisition Window ☒

IIS Area Saved ~~☒~~

Reviewed By: TR 07/07/2020
Initials/Date

Comments:

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-48.qld

Last Altered: Tuesday, July 07, 2020 10:14:25 Pacific Daylight Time
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✓ 7R 07/07/2020

Name: 200706P1-48, Date: 06-Jul-2020, Time: 18:42:17, ID: ST200706P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

1	PFBA	213.0 > 168.8	7874.219	9536.798	1.00	1.61	10.321	10.000	9.97	99.7	NO		
2	PFPrS	249 > 80	1603.595	1379.378	1.00	1.95	14.532	10.000	10.9	108.9	NO	2.885	NO
3	3:3 FTCA	240.9 > 176.9	787.836	12698.616	1.00	2.43	0.776	10.000	9.39	93.9	NO	3.568	NO
4	PFPeA	263.1 > 218.9	9577.079	12698.616	1.00	2.58	9.427	10.000	10.2	101.8	NO		
5	PFBS	299.0 > 80	2939.529	1379.378	1.00	2.85	26.638	10.000	10.4	104.1	NO	2.563	NO
6	4:2 FTS	326.9 > 306.9	2884.368	1268.590	1.00	3.29	28.421	10.000	9.98	99.8	NO	12.212	NO
47	13C3-PFBA-EIS	216.1 > 171.8	9536.798		1.00	1.61	9536.798	12.500	13.8	110.6	NO		
51	13C3-PFBS-EIS	302.0 > 98.9	1379.378		1.00	2.85	1379.378	12.500	13.3	106.1	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	12698.616		1.00	2.58	12698.616	12.500	13.2	105.6	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	12698.616		1.00	2.58	12698.616	12.500	13.2	105.6	NO		
51	13C3-PFBS-EIS	302.0 > 98.9	1379.378		1.00	2.85	1379.378	12.500	13.3	106.1	NO		
55	13C2-4:2 FTS-EIS	329.0 >80.8	1268.590		1.00	3.29	1268.590	12.500	12.6	100.6	NO		
-1													
7	PFHxA	313.0 > 269.0	12637.913	14639.554	1.00	3.38	10.791	10.000	10.3	103.5	NO	16.642	NO
8	PFPeS	349.>80	2371.695	1379.378	1.00	3.55	21.492	10.000	10.3	103.0	NO	2.548	NO
9	HFPO-DA	285.1 > 168.9	2447.118	3140.680	1.00	3.58	9.740	10.000	9.68	96.8	NO	2.367	NO
10	5:3 FTCA	340.9 > 236.9	1698.485	13493.209	1.00	3.91	1.573	10.000	8.91	89.1	NO	1.735	NO
11	PFHpA	363.0 > 319	13770.608	13493.209	1.00	3.97	12.757	10.000	9.80	98.0	NO	49.800	NO
12	ADONA	376.8 > 250.9	22669.070	13493.209	1.00	4.08	21.000	10.000	9.65	96.5	NO	4.104	NO
57	13C2-PFHxA-EIS	315.0 > 270.0	14639.554		1.00	3.38	14639.554	12.500	13.4	107.4	NO		
51	13C3-PFBS-EIS	302.0 > 98.9	1379.378		1.00	2.85	1379.378	12.500	13.3	106.1	NO		
53	13C3-HFPO-DA-EIS	287.0 > 168.9	3140.680		1.00	3.58	3140.680	12.500	13.8	110.1	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	13493.209		1.00	3.97	13493.209	12.500	13.7	109.8	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	13493.209		1.00	3.97	13493.209	12.500	13.7	109.8	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	13493.209		1.00	3.97	13493.209	12.500	13.7	109.8	NO		
-1													
13	L-PFHxS	399 > 79.9	2369.503	2816.630	1.00	4.11	10.516	10.000	9.55	95.5	NO	3.828	NO
15	6:2 FTS	427.0 > 407	1483.914	1483.901	1.00	4.44	12.500	10.000	10.9	109.3	NO	0.755	NO
16	L-PFOA	413 > 369	13964.295	15274.092	1.00	4.49	11.428	10.000	10.1	100.8	NO	3.251	NO
18	PFecHS	461 > 381.0	2537.762	15274.092	1.00	4.50	2.077	10.000	9.21	92.1	NO	0.526	NO
19	PFHpS	449.0 > 80	2314.510	2809.042	1.00	4.60	10.299	10.000	10.6	105.8	NO	1.771	NO
20	7:3 FTCA	440.9 > 336.9	3588.461	15371.896	1.00	4.92	2.918	10.000	9.44	94.4	NO	1.217	NO
61	13C3-PFHxS-EIS	402 > 80	2816.630		1.00	4.11	2816.630	12.500	12.8	102.4	NO		
63	13C2-6:2 FTS-EIS	429.0 >79.7	1483.901		1.00	4.44	1483.901	12.500	11.5	92.2	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	15274.092		1.00	4.49	15274.092	12.500	13.2	105.8	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	15274.092		1.00	4.49	15274.092	12.500	13.2	105.8	NO		

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Name: 200706P1-48, Date: 06-Jul-2020, Time: 18:42:17, ID: ST200706P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

71	13C8-PFOS-EIS	507.1 > 80	2809.042		1.00	5.00	2809.042	12.500	12.5	99.7	NO		
65	13C5-PFNA-EIS	468.2 > 422.9	15371.896		1.00	4.93	15371.896	12.500	12.7	101.4	NO		
-1													
21	PFNA	463.0 > 418.8	14387.799	15371.896	1.00	4.93	11.700	10.000	10.5	104.7	NO	13.296	NO
22	PFOSA	498 > 78	3948.826	7335.037	1.00	4.97	6.729	10.000	9.75	97.5	NO	22.785	NO
23	L-PFOS	499 > 80	2822.769	2809.042	1.00	5.00	12.561	10.000	9.91	99.1	NO	2.674	NO
25	9Cl-PF30NS	531 > 351	6474.327	2809.042	1.00	5.22	28.810	10.000	10.1	101.2	NO	36.430	NO
26	PFDA	513 > 469	13442.274	19905.363	1.00	5.30	8.441	10.000	9.94	99.4	NO	4.946	NO
27	8:2 FTS	526.8 > 506.9	1390.938	1581.411	1.00	5.27	10.994	10.000	8.13	81.3	NO	0.663	NO
65	13C5-PFNA-EIS	468.2 > 422.9	15371.896		1.00	4.93	15371.896	12.500	12.7	101.4	NO		
67	13C8-PFOSA-EIS	506 > 78	7335.037		1.00	4.97	7335.037	12.500	12.8	102.7	NO		
71	13C8-PFOS-EIS	507.1 > 80	2809.042		1.00	5.00	2809.042	12.500	12.5	99.7	NO		
71	13C8-PFOS-EIS	507.1 > 80	2809.042		1.00	5.00	2809.042	12.500	12.5	99.7	NO		
73	13C2-PFDA-EIS	515.1 > 469.9	19905.363		1.00	5.30	19905.363	12.500	13.3	106.8	NO		
75	13C2-8:2 FTS-EIS	529 > 80	1581.411		1.00	5.27	1581.411	12.500	14.3	114.6	NO		
-1													
28	PFNS	549 > 80	2958.070	2809.042	1.00	5.36	13.163	10.000	9.94	99.4	NO	2.475	NO
29	L-MeFOSAA	570 > 419	4402.238	4350.112	1.00	5.44	12.650	10.000	10.4	104.0	NO	1.777	NO
31	L-EtFOSAA	583.9 > 419	4806.518	4658.295	1.00	5.60	12.898	10.000	9.30	93.0	NO	1.406	NO
33	PFUdA	563.0 > 519	15835.691	19243.490	1.00	5.62	10.286	10.000	9.35	93.5	NO	17.115	NO
34	PFDS	598.8 >79.9	2976.634	2809.042	1.00	5.66	13.246	10.000	10.4	103.7	NO	2.406	NO
35	11Cl-PF30UdS	631 > 451	5303.702	24612.705	1.00	5.81	2.694	10.000	10.4	104.3	NO	19.668	NO
71	13C8-PFOS-EIS	507.1 > 80	2809.042		1.00	5.00	2809.042	12.500	12.5	99.7	NO		
77	d3-N-MeFOSAA-EIS	573.1 > 419	4350.112		1.00	5.44	4350.112	12.500	13.1	105.1	NO		
81	d5-N-EtFOSAA-EIS	589.3 > 419	4658.295		1.00	5.59	4658.295	12.500	14.8	118.7	NO		
79	13C2-PFUdA-EIS	565 > 519.8	19243.490		1.00	5.62	19243.490	12.500	12.2	97.4	NO		
71	13C8-PFOS-EIS	507.1 > 80	2809.042		1.00	5.00	2809.042	12.500	12.5	99.7	NO		
83	13C2-PFDoA-EIS	614.9 > 569.9	24612.705		1.00	5.89	24612.705	12.500	13.2	105.4	NO		
-1													
36	10:2 FTS	626.9 > 607	2053.163	1239.527	1.00	5.88	20.705	10.000	11.3	113.2	NO	1.036	NO
37	PFDoA	612.9 > 569.0	18605.541	24612.705	1.00	5.89	9.449	10.000	9.63	96.3	NO	12.492	NO
38	N-MeFOSA	512.1 > 168.9	7966.409	20646.926	1.00	5.81	57.567	50.000	51.5	102.9	NO	1.918	NO
39	PFTrDA	662.9 > 618.9	20404.146	24612.705	1.00	6.13	10.363	10.000	9.96	99.6	NO	86.475	NO
40	PFDoS	699 > 80	3484.474	24741.564	1.00	6.15	1.760	10.000	10.4	103.8	NO	2.123	NO
41	PFTeDA	713.0 > 669.0	12995.239	24741.564	1.00	6.33	6.565	10.000	9.87	98.7	NO	14.437	NO
85	13C2-10:2 FTS-EIS	632.9 > 80.0	1239.527		1.00	5.88	1239.527	12.500	11.4	91.3	NO		

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83	13C2-PFDoA-EIS	614.9 > 569.9	24612.705		1.00	5.89	24612.705	12.500	13.2	105.4	NO		
87	d3-N-MeFOSA-EIS	515.2 > 168.9	20646.926		1.00	5.83	20646.926	149.200	149	100.0	NO		
83	13C2-PFDoA-EIS	614.9 > 569.9	24612.705		1.00	5.89	24612.705	12.500	13.2	105.4	NO		
89	13C2-PFTeDA-EIS	715.1 > 669.7	24741.564		1.00	6.33	24741.564	12.500	13.0	103.9	NO		
89	13C2-PFTeDA-EIS -1	715.1 > 669.7	24741.564		1.00	6.33	24741.564	12.500	13.0	103.9	NO		
42	N-EtFOSA	526.1 > 168.9	9452.549	23806.791	1.00	6.19	59.240	50.000	51.2	102.4	NO	1.936	NO
43	PFHxDA	813 > 769	22556.393	27070.467	1.00	6.62	10.416	10.000	9.95	99.5	NO	32.558	NO
44	PFODA	913.1 > 868.8	18473.520	27070.467	1.00	6.83	8.530	10.000	10.3	102.9	NO		
45	N-MeFOSE	616.1 > 58.9	8003.121	22491.145	1.00	6.34	53.090	50.000	47.9	95.8	NO		
46	N-EtFOSE	630.1 > 58.9	8566.042	23170.283	1.00	6.49	55.159	50.000	54.6	109.1	NO		
48	13C3-PFBA-RSD	216.1 > 171.8	9538.545	10884.140	1.00	1.61	10.955	12.500	12.8	102.6	NO		
91	d5-N-ETFOSA-EIS	531.1 > 168.9	23806.791		1.00	6.20	23806.791	149.200	153	102.8	NO		
93	13C2-PFHxDA-EIS	815 > 769.7	27070.467		1.00	6.62	27070.467	12.500	12.8	102.7	NO		
93	13C2-PFHxDA-EIS	815 > 769.7	27070.467		1.00	6.62	27070.467	12.500	12.8	102.7	NO		
95	d7-N-MeFOSE-EIS	623.1 > 58.9	22491.145		1.00	6.33	22491.145	149.200	167	111.9	NO		
97	d9-N-EtFOSE-EIS	639.2 > 58.8	23170.283		1.00	6.48	23170.283	149.200	156	104.4	NO		
50	13C3-PFPeA-RSD -1	266.0 > 221.8	12698.616	16866.539	1.00	2.58	9.411	12.500	12.5	100.2	NO		
52	13C3-PFBS-RSD	302.0 > 98.9	1379.378	1056.683	1.00	2.85	16.317	12.500	13.3	106.5	NO		
54	13C3-HFPO-DA-RSD	287.0 > 168.9	3140.680	16866.539	1.00	3.58	2.328	12.500	12.3	98.4	NO		
56	13C2-4:2 FTS-RSD	329.0 >80.8	1268.590	1056.683	1.00	3.29	15.007	12.500	13.3	106.1	NO		
58	13C2-PFHxA-RSD	315.0 > 270.0	14639.554	16866.539	1.00	3.38	10.850	12.500	12.3	98.7	NO		
60	13C4-PFHpA-RSD	367.2 > 321.8	13493.209	16866.539	1.00	3.97	10.000	12.500	13.2	105.4	NO		
62	13C3-PFHxS-RSD	402 > 80	2816.630	1056.683	1.00	4.11	33.319	12.500	13.5	108.2	NO		
64	13C2-6:2 FTS-RSD	429.0 >79.7	1483.901	3316.298	1.00	4.44	5.593	12.500	11.8	94.6	NO		
66	13C5-PFNA-RSD	468.2 > 422.9	15371.896	17627.199	1.00	4.93	10.901	12.500	11.6	92.7	NO		
68	13C8-PFOSA-RSD	506 > 78	7335.037	14754.097	1.00	4.97	6.214	12.500	12.8	102.2	NO		
70	13C2-PFOA-RSD	414.9 > 369.7	15274.092	14290.067	1.00	4.49	13.361	12.500	12.2	97.7	NO		
72	13C8-PFOS-RSD	507.1 > 80	2809.042	3316.298	1.00	5.00	10.588	12.500	12.1	96.8	NO		
74	13C2-PFDA-RSD -1	515.1 > 469.9	19905.363	16237.306	1.00	5.30	15.324	12.500	12.2	97.8	NO		
76	13C2-8:2 FTS-RSD	529 > 80	1581.411	3316.298	1.00	5.27	5.961	12.500	13.1	104.4	NO		
78	d3-N-MeFOSAA-RSD	573.1 > 419	4350.112	14754.097	1.00	5.44	3.686	12.500	12.6	100.6	NO		
80	13C2-PFUdA-RSD	565 > 519.8	19243.490	14754.097	1.00	5.62	16.304	12.500	12.6	100.7	NO		
82	d5-N-EtFOSAA-RSD	589.3 > 419	4658.295	14754.097	1.00	5.59	3.947	12.500	14.0	111.6	NO		

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84	13C2-PFDoA-RSD	614.9 > 569.9	24612.705	16237.306	1.00	5.89	18.948	12.500	12.2	97.8	NO
86	13C2-10:2 FTS-RSD	632.9 > 80.0	1239.527	3316.298	1.00	5.88	4.672	12.500	12.2	97.4	NO
88	d3-N-MeFOSA-RSD	515.2 > 168.9	20646.926	14754.097	1.00	5.83	17.493	149.200	151	101.3	NO
90	13C2-PFTeDA-RSD	715.1 > 669.7	24741.564	14754.097	1.00	6.33	20.962	12.500	12.8	102.7	NO
92	d5-N-ETFOSA-RSD	531.1 > 168.9	23806.791	14754.097	1.00	6.20	20.170	149.200	155	103.7	NO
94	13C2-PFHxDA-RSD	815 > 769.7	27070.467	14754.097	1.00	6.62	22.935	12.500	12.9	103.3	NO
96	d7-N-MeFOSE-RSD	623.1 > 58.9	22617.865	14754.097	1.00	6.33	19.162	149.200	161	108.0	NO
98	d9-N-EtFOSE-RSD	639.2 > 58.8	23431.799	14754.097	1.00	6.48	19.852	149.200	151	101.0	NO
-1											
99	13C4-PFBA	217.0 > 172.0	10884.140	10884.140	1.00	1.60	12.500	12.500	12.5	100.0	NO
1...	13C5-PFHxA	318.0 > 272.9	16866.539	16866.539	1.00	3.38	12.500	12.500	12.5	100.0	NO
1...	13C8-PFOA	420.9 > 376.0	14290.067	14290.067	1.00	4.49	12.500	12.500	12.5	100.0	NO
1...	18O2-PFHxS	403.0 > 103	1056.683	1056.683	1.00	4.11	12.500	12.500	12.5	100.0	NO
1...	13C9-PFNA	472.2 > 426.9	17627.199	17627.199	1.00	4.93	12.500	12.500	12.5	100.0	NO
1...	13C4-PFOS	503 > 79.7	3316.298	3316.298	1.00	5.00	12.500	12.500	12.5	100.0	NO
1...	13C6-PFDA	519.1 > 473.7	16237.306	16237.306	1.00	5.30	12.500	12.500	12.5	100.0	NO
1...	13C7-PFUdA	570.1 > 524.8	14754.097	14754.097	1.00	5.62	12.500	12.500	12.5	100.0	NO

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Dataset: Untitled

Last Altered: Tuesday, July 07, 2020 12:16:39 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 12:17:00 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_070620.mdb 07 Jul 2020 08:33:50
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_07-06-20.cdb 07 Jul 2020 09:00:31

Compound name: PFBA

1	200706P1-19	ST200706P1-1 PFC CS-2 20F1901	06-Jul-20	13:13:57
2	200706P1-20	ST200706P1-2 PFC CS-1 20F1902	06-Jul-20	13:24:27
3	200706P1-21	ST200706P1-3 PFC CS0 20F1903	06-Jul-20	13:34:57
4	200706P1-22	ST200706P1-4 PFC CS1 20F1904	06-Jul-20	13:45:26
5	200706P1-23	ST200706P1-5 PFC CS2 20F1905	06-Jul-20	13:55:58
6	200706P1-24	ST200706P1-6 PFC CS3 20F1906	06-Jul-20	14:06:27
7	200706P1-25	ST200706P1-7 PFC CS4 20F1907	06-Jul-20	14:16:59
8	200706P1-26	ST200706P1-8 PFC CS5 20F1908	06-Jul-20	14:27:27
9	200706P1-27	ST200706P1-9 PFC CS6 20F1909	06-Jul-20	14:37:59
10	200706P1-28	ST200706P1-10 PFC CS7 20F1910	06-Jul-20	14:48:28
11	200706P1-29	IB	06-Jul-20	14:58:58
12	200706P1-30	ICV200706P1-1 PFC ICV 20F1911	06-Jul-20	15:09:30
13	200706P1-31	IB	06-Jul-20	15:19:59
14	200706P1-32	B0F0205-BS1 OPR 0.25	06-Jul-20	15:30:30
15	200706P1-33	2001315-06 24-GW-24NEW4-20200618 0.25948	06-Jul-20	15:41:01
16	200706P1-34	2001315-08 24-GW-08DGMW73-20200618 0.25501	06-Jul-20	15:51:31
17	200706P1-35	2001345-06@5X Septic Receiving 0.11338	06-Jul-20	16:02:00
18	200706P1-36	IB	06-Jul-20	16:12:35
19	200706P1-37	2001315-06 24-GW-24NEW4-20200618 0.25948	06-Jul-20	16:46:41
20	200706P1-38	2001315-08 24-GW-08DGMW73-20200618 0.25501	06-Jul-20	16:57:15
21	200706P1-39	2001326-01 REEPEF2658FS 0.11212	06-Jul-20	17:07:46
22	200706P1-40	B0G0023-BLK1 Method Blank 0.01	06-Jul-20	17:18:14
23	200706P1-41	B0G0023-BS1 OPR 0.01	06-Jul-20	17:28:46
24	200706P1-42	B0G0023-BSD1 LCSD 0.01	06-Jul-20	17:39:17
25	200706P1-43	2001353-01RE1 CAVERLY 0.01	06-Jul-20	17:49:46
26	200706P1-44	2001353-02RE1 SOMERSET FARMS 0.01	06-Jul-20	18:00:17
27	200706P1-45	2001353-03 TOZIER 0.01	06-Jul-20	18:10:46
28	200706P1-46	2001353-04RE1 TOZIER (2 vials-same) 0.01	06-Jul-20	18:21:18
29	200706P1-47	IB	06-Jul-20	18:31:47
30	200706P1-48	ST200706P1-11 PFC CS3 20F1906	06-Jul-20	18:42:17
31	200706P1-49	IB	06-Jul-20	18:52:49
32	200706P1-50	B0F0257-BLK1 Method Blank 0.25	06-Jul-20	19:03:20

Dataset: Untitled

Last Altered: Tuesday, July 07, 2020 12:16:39 Pacific Daytight Time
Printed: Tuesday, July 07, 2020 12:17:00 Pacific Daytight Time

Compound name: PFBA

33	200706P1-51	B0F0257-BS1 OPR 0.25	06-Jul-20	19:13:50
34	200706P1-52	B0F0257-BSD1 LCSD 0.25	06-Jul-20	19:24:18
35	200706P1-53	B0F0257-MS1 Matrix Spike 0.2511	06-Jul-20	19:34:50
36	200706P1-54	B0F0257-MSD1 Matrix Spike Dup 0.24211	06-Jul-20	19:45:19
37	200706P1-55	2001356-01 ET-LW02-2020 0.25782	06-Jul-20	19:55:51
38	200706P1-56	IB	06-Jul-20	20:06:19
39	200706P1-57	2001357-01 SB01-20200624 0.24654	06-Jul-20	20:16:52
40	200706P1-58	2001357-02 EB01-20200624 0.24804	06-Jul-20	20:27:21
41	200706P1-59	2001357-03 I006MW065-20200624 0.25563	06-Jul-20	20:37:52
42	200706P1-60	IB	06-Jul-20	20:48:23
43	200706P1-61	2001357-04 DUP01-20200624 0.25403	06-Jul-20	20:58:53
44	200706P1-62	IB	06-Jul-20	21:09:22
45	200706P1-63	2001358-01 EB02-20200624 0.24128	06-Jul-20	21:19:52
46	200706P1-64	2001358-02 24-GW-24MW06-20200624 0.26389	06-Jul-20	21:30:23
47	200706P1-65	2001358-03 DUP01-20200624 0.26301	06-Jul-20	21:40:52
48	200706P1-66	2001358-04 24-GW-24MW10D-20200624 0.25918	06-Jul-20	21:51:24
49	200706P1-67	2001358-05 DUP02-20200624 0.2559	06-Jul-20	22:01:54
50	200706P1-68	2001358-06 24-GW-24MW10C-20200624 0.25497	06-Jul-20	22:12:25
51	200706P1-69	2001358-07 24-GW-24MW07R-20200624 0.25444	06-Jul-20	22:22:53
52	200706P1-70	B0F0172-BLK1 Method Blank 0.25	06-Jul-20	22:33:25
53	200706P1-71	B0F0172-BS1 OPR 0.25	06-Jul-20	22:43:54
54	200706P1-72	2001276-01 Equipment Blank-1 0.22934	06-Jul-20	22:54:26
55	200706P1-73	ST200706P1-12 PFC CS3 20F1906	06-Jul-20	23:04:55
56	200706P1-74	IB	06-Jul-20	23:15:27
57	200706P1-75	2001276-02 MW-20-01 0.25109	06-Jul-20	23:25:56
58	200706P1-76	2001276-03 Field Blank 0.24862	06-Jul-20	23:36:27
59	200706P1-77	2001276-04 MW-20-02 0.26126	06-Jul-20	23:46:56
60	200706P1-78	2001276-05 MW-20-03 0.24623	06-Jul-20	23:57:28
61	200706P1-79	2001276-06 Equipment Blank-2 0.24081	07-Jul-20	00:07:57
62	200706P1-80	2001276-07 Duplicate-1 0.24702	07-Jul-20	00:18:27
63	200706P1-81	B0F0088-BLK1 Method Blank 5	07-Jul-20	00:28:59
64	200706P1-82	B0F0088-BS1 OPR 5	07-Jul-20	00:39:27
65	200706P1-83	B0F0088-BSD1 LCSD 5	07-Jul-20	00:50:00
66	200706P1-84	2001248-01 05082020 B 5	07-Jul-20	01:00:28
67	200706P1-85	2001250-01 05082020 A 5	07-Jul-20	01:10:58
68	200706P1-86	ST200706P1-13 PFC CS3 20F1906	07-Jul-20	01:21:30

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Dataset: Untitled

Last Altered: Tuesday, July 07, 2020 12:16:39 Pacific Daylight Time
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Compound name: PFBA

69	200706P1-87	IB	07-Jul-20	01:31:59
70	200706P1-88	2001251-01 05082020 C 5	07-Jul-20	01:42:31
71	200706P1-89	2001252-01 05082020 E 2.5	07-Jul-20	01:53:00
72	200706P1-90	2001351-01 05082020AY 2.5	07-Jul-20	02:03:30
73	200706P1-91	2001375-01 05082020AF 3	07-Jul-20	02:14:01
74	200706P1-92	2001376-01 05082020T 2.5	07-Jul-20	02:24:33
75	200706P1-93	2001383-01 05082020AO 3	07-Jul-20	02:35:01
76	200706P1-94	2001384-01 05082020AG 2.5	07-Jul-20	02:45:33
77	200706P1-95	2001391-01 05082020J 2.5	07-Jul-20	02:56:03
78	200706P1-96	2001392-01 05082020R 3	07-Jul-20	03:06:32
79	200706P1-97	2001393-01 05082020G 2.5	07-Jul-20	03:17:04
80	200706P1-98	ST200706P1-14 PFC CS3 20F1906	07-Jul-20	03:27:34
81	200706P1-99	IB	07-Jul-20	03:38:03
82	200706P1-100	2001402-01 06122020A 5	07-Jul-20	03:48:35
83	200706P1-101	2001403-01 05082020AN 2.5	07-Jul-20	03:59:04
84	200706P1-102	2001302-01@5X OP-1 0.03392	07-Jul-20	04:09:35
85	200706P1-103	2001302-02@5X OP-2 0.03359	07-Jul-20	04:20:04
86	200706P1-104	2001302-03@5X OP-3 0.0336	07-Jul-20	04:30:36
87	200706P1-105	2001302-04@5X OP-4 0.03354	07-Jul-20	04:41:05
88	200706P1-106	2001302-05@5X OP-5 0.03336	07-Jul-20	04:51:36
89	200706P1-107	2001302-06@5X OP-6 0.03266	07-Jul-20	05:02:06
90	200706P1-108	2001302-07@5X OP-7 0.03389	07-Jul-20	05:12:35
91	200706P1-109	2001302-08@5X OP-8 0.03326	07-Jul-20	05:23:07
92	200706P1-110	ST200706P1-15 PFC CS3 20F1906	07-Jul-20	05:33:36
93	200706P1-111	IB	07-Jul-20	05:44:07
94	200706P1-112	2001302-09@5X OP-9 0.03376	07-Jul-20	05:54:38
95	200706P1-113	2001302-10@5X OP-10 0.03297	07-Jul-20	06:05:07
96	200706P1-114	2001302-11@5X OP-11 0.03382	07-Jul-20	06:15:39
97	200706P1-115	2001302-12@5X OP-12 0.03372	07-Jul-20	06:26:08
98	200706P1-116	2001302-13@5X OP-13 0.03255	07-Jul-20	06:36:39
99	200706P1-117	2001302-14@5X OP-14 0.03286	07-Jul-20	06:47:10
100	200706P1-118	2001302-15@5X OP-15 0.03232	07-Jul-20	06:57:39
101	200706P1-119	2001302-16@5X OP-16 0.03366	07-Jul-20	07:08:11
102	200706P1-120	2001302-17@5X OP-17 0.03283	07-Jul-20	07:18:40
103	200706P1-121	2001302-18@5X OP-18 0.03296	07-Jul-20	07:29:10
104	200706P1-122	ST200706P1-16 PFC CS3 20F1906	07-Jul-20	07:39:40

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Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-48.qld

Last Altered: Tuesday, July 07, 2020 10:14:25 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 10:16:23 Pacific Daylight Time

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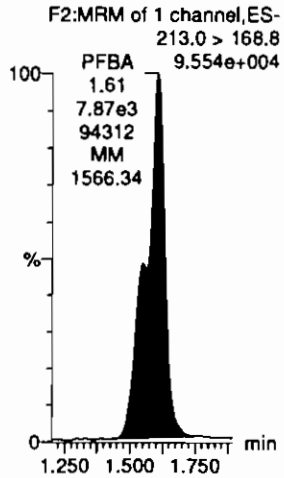
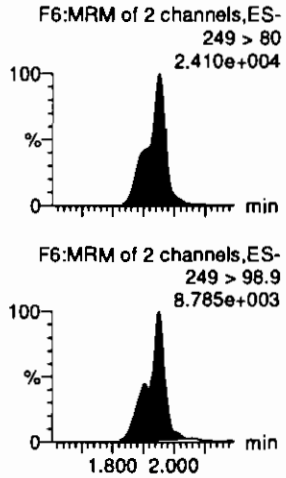
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_07-06-20.cdb 07 Jul 2020 09:00:31

Name: 200706P1-48, Date: 06-Jul-2020, Time: 18:42:17, ID: ST200706P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

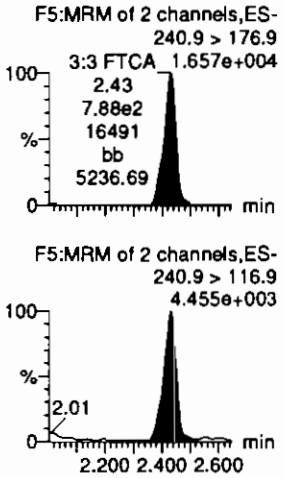
PFBA



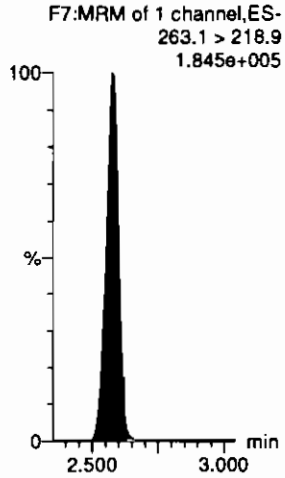
PFPrS



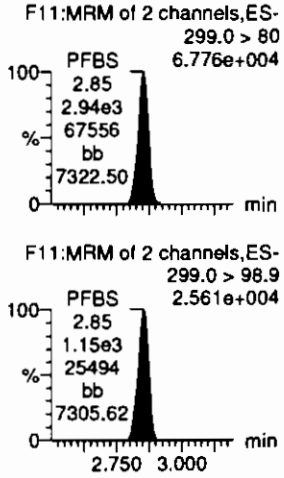
3:3 FTCA



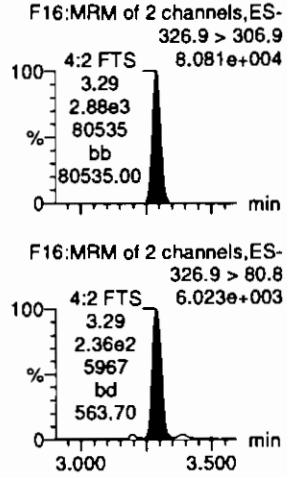
PFPeA



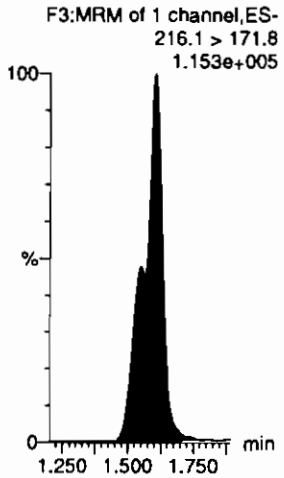
PFBS



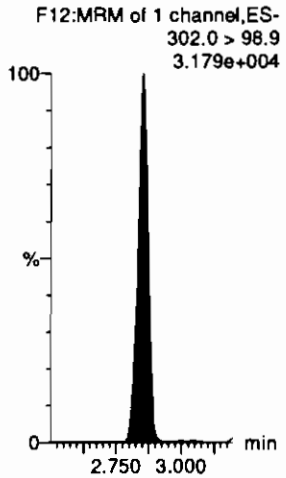
4:2 FTS



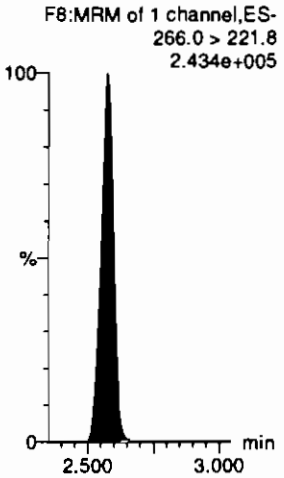
13C3-PFBA-EIS



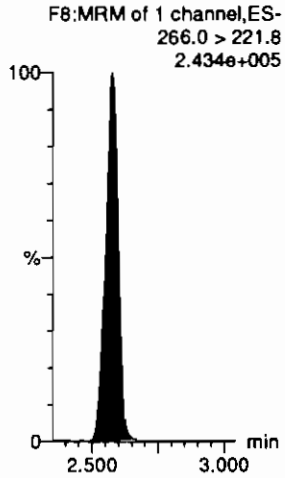
13C3-PFBS-EIS



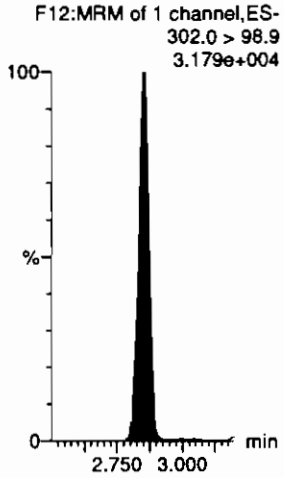
13C3-PFPeA-EIS



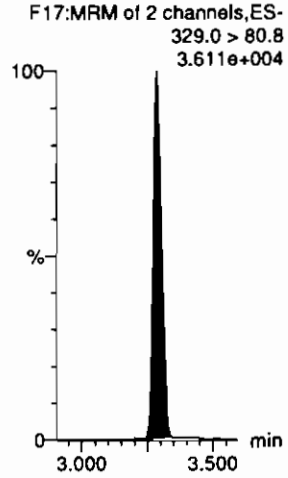
13C3-PFPeA-EIS



13C3-PFBS-EIS



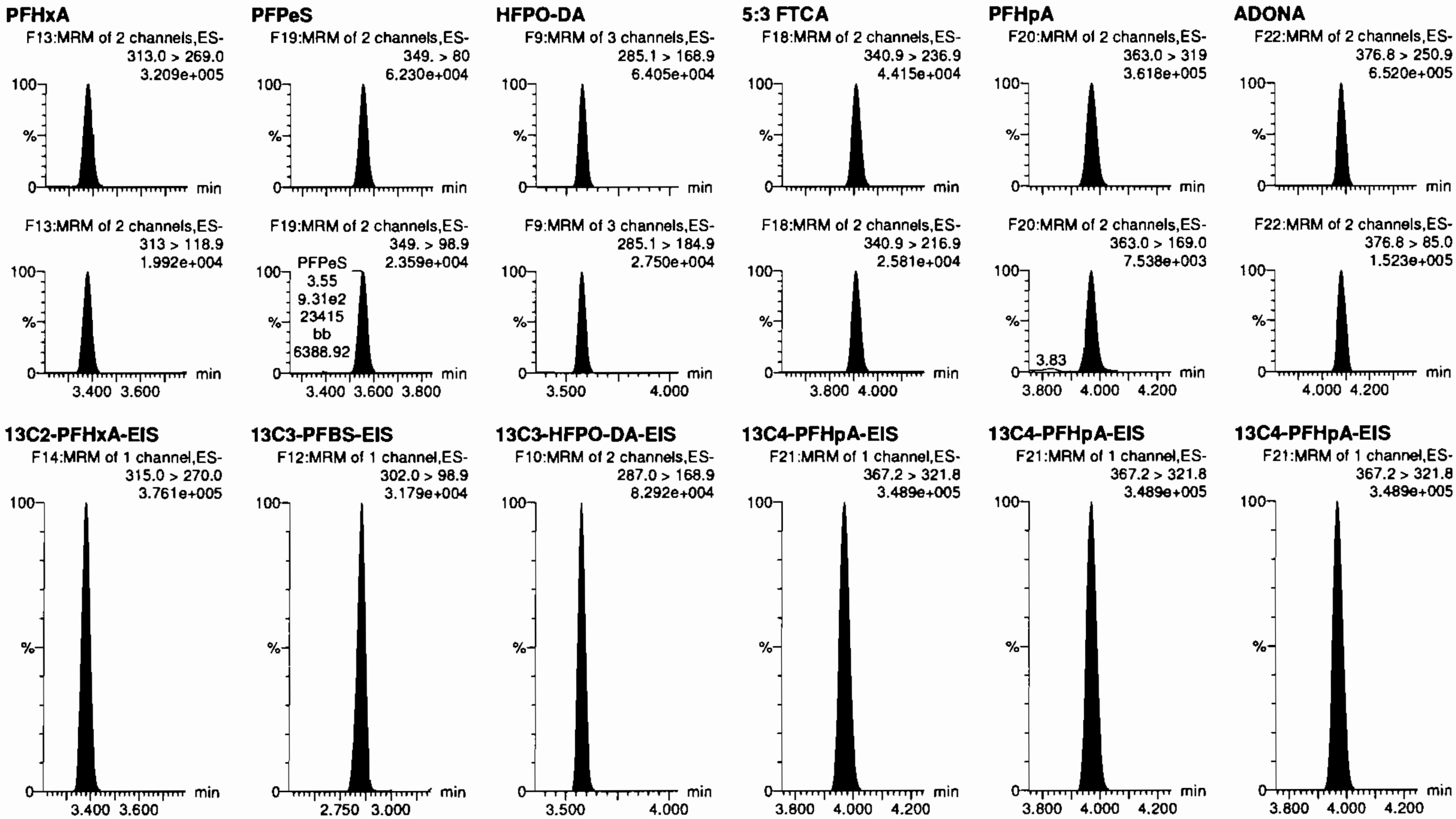
13C2-4:2 FTS-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-48.qld

Last Altered: Tuesday, July 07, 2020 10:14:25 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 10:16:23 Pacific Daylight Time

Name: 200706P1-48, Date: 06-Jul-2020, Time: 18:42:17, ID: ST200706P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906



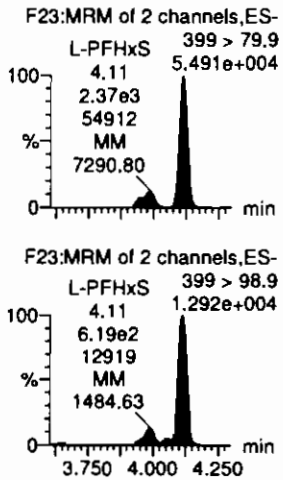
OPV 7/7/2020

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-48.qld

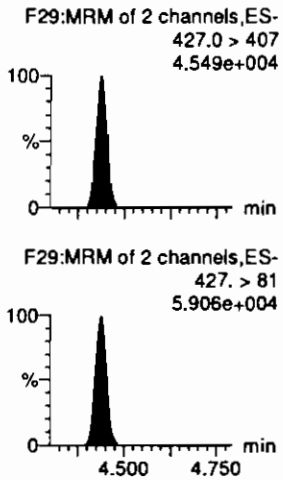
Last Altered: Tuesday, July 07, 2020 10:14:25 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 10:16:23 Pacific Daylight Time

Name: 200706P1-48, Date: 06-Jul-2020, Time: 18:42:17, ID: ST200706P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

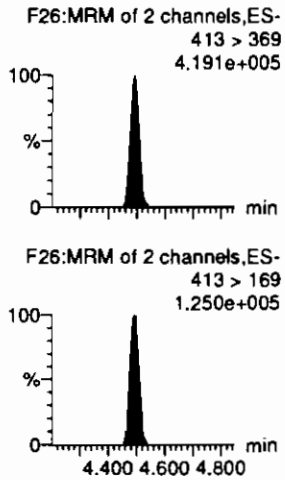
L-PFHxS



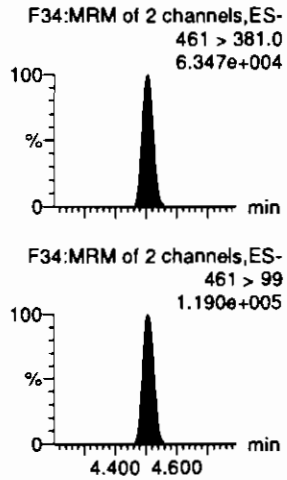
6:2 FTS



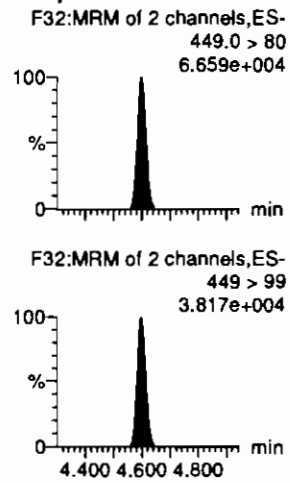
L-PFOA



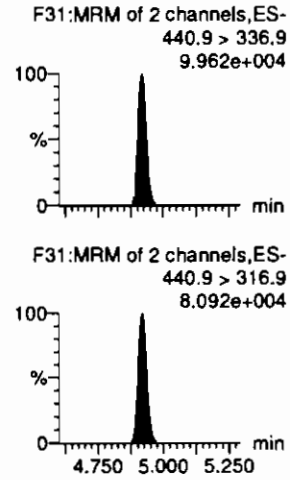
PFEChS



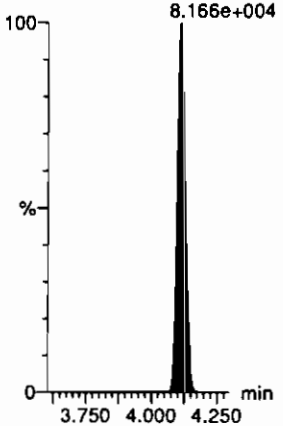
PFHpS



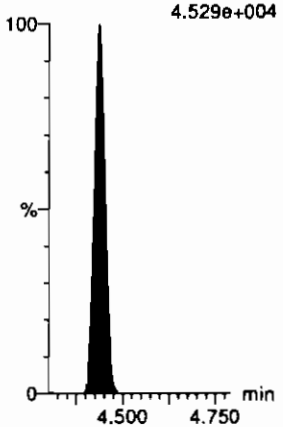
7:3 FTCA



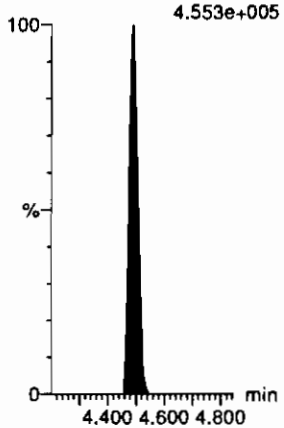
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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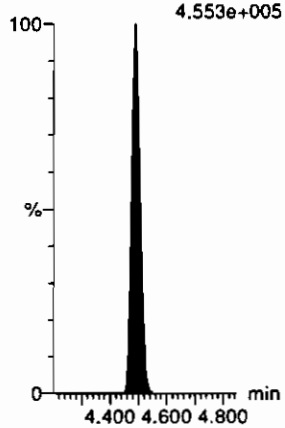
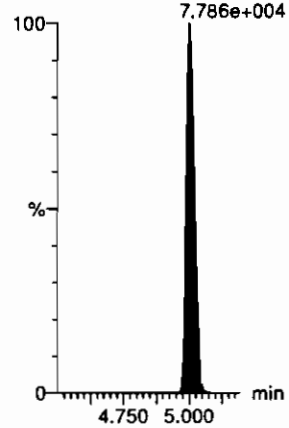
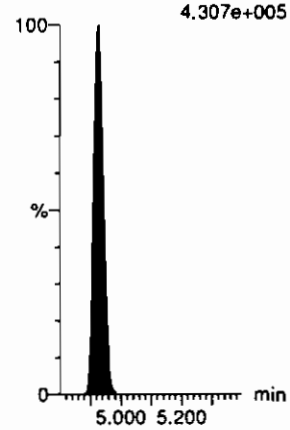


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200706P1-48, Date: 06-Jul-2020, Time: 18:42:17, ID: ST200706P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

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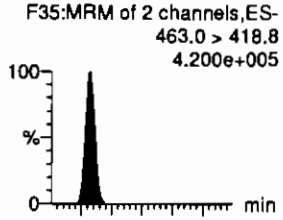

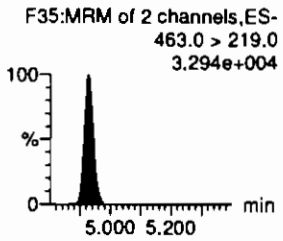

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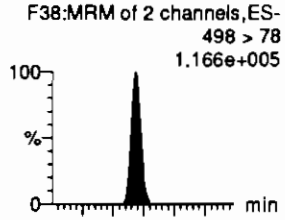
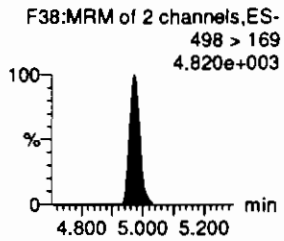
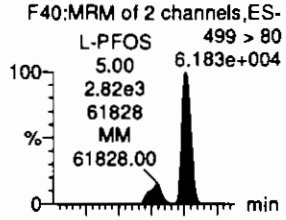
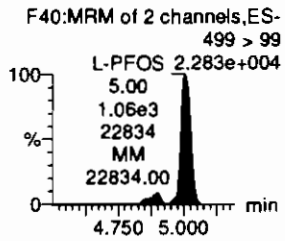




L-PFOS





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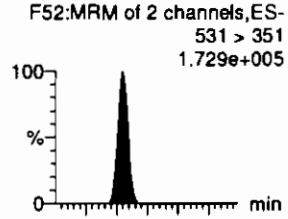

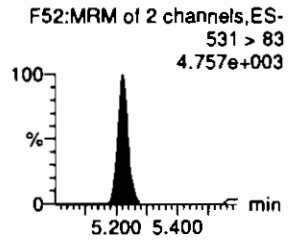

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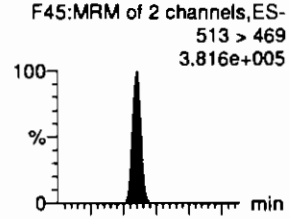
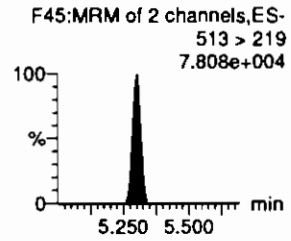
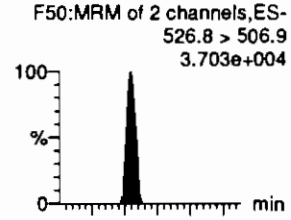
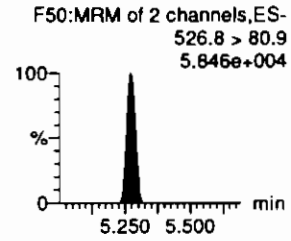


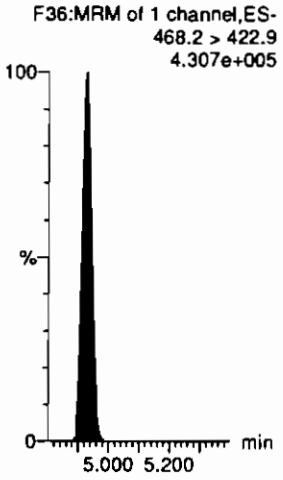


8:2 FTS

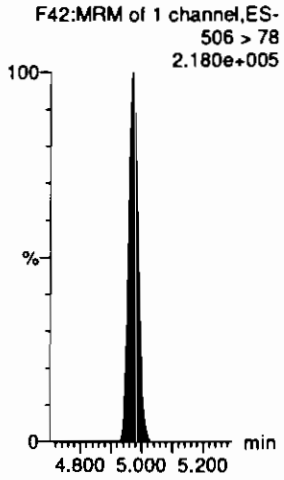




13C5-PFNA-EIS



13C8-PFOSA-EIS



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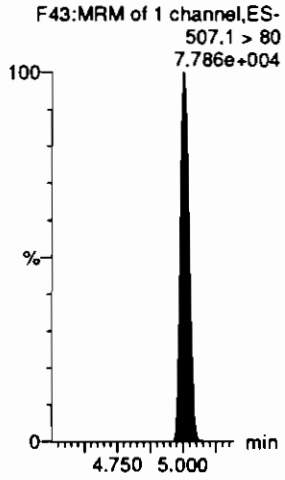

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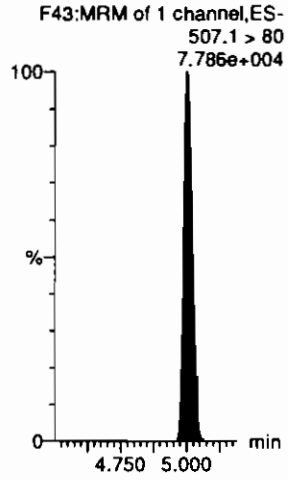

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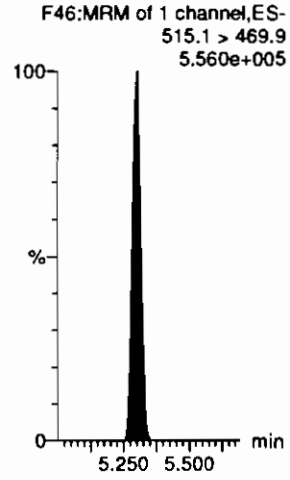
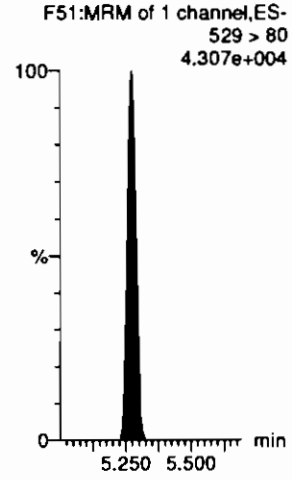


13C2-8:2 FTS-EIS



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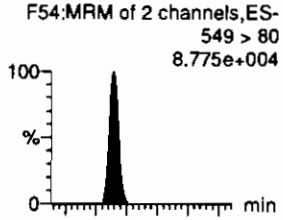
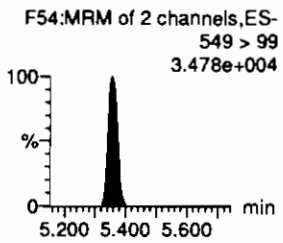
Name: 200706P1-48, Date: 06-Jul-2020, Time: 18:42:17, ID: ST200706P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFNS





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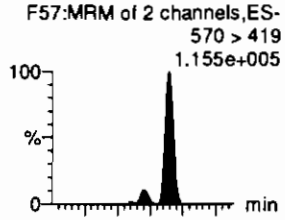

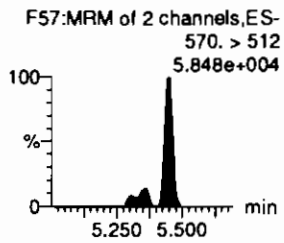

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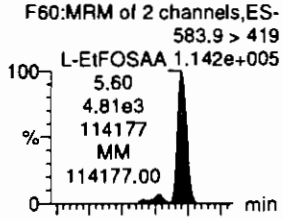

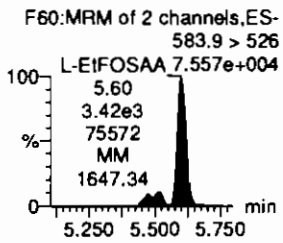

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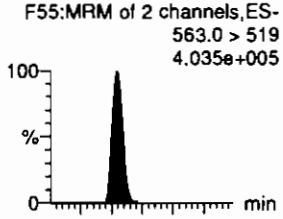

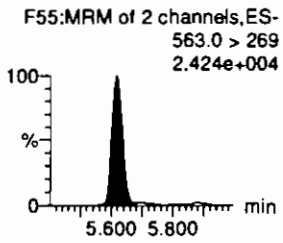

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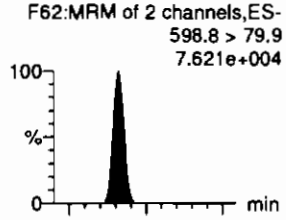

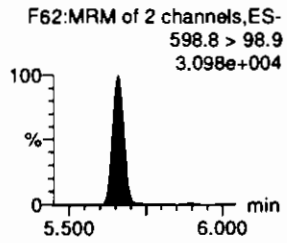

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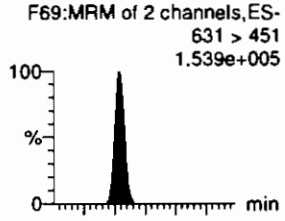

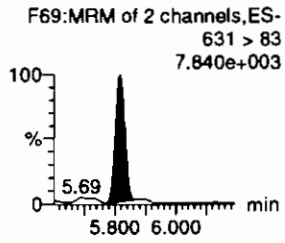

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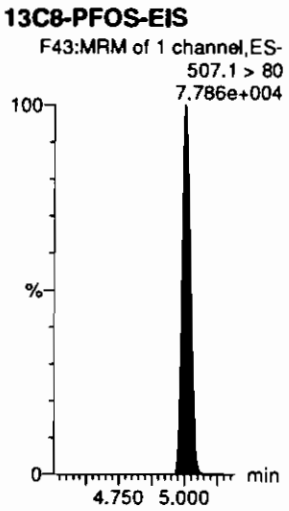
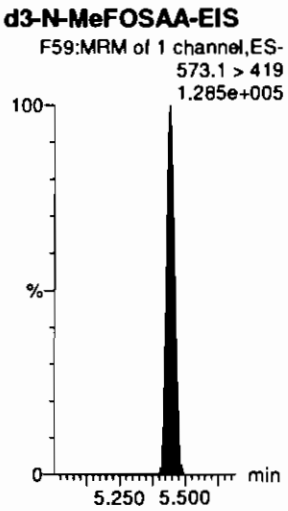


d3-N-MeFOSAA-EIS



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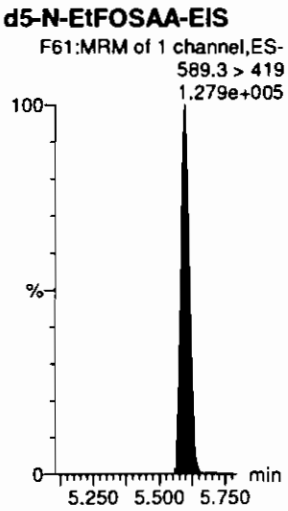

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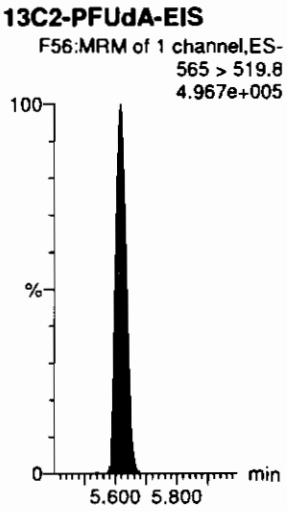

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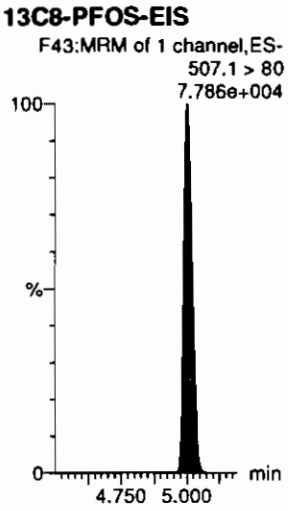

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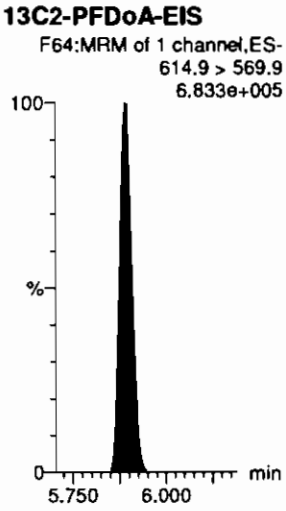

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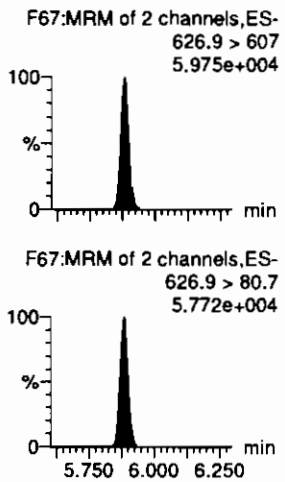
10:2 FTS



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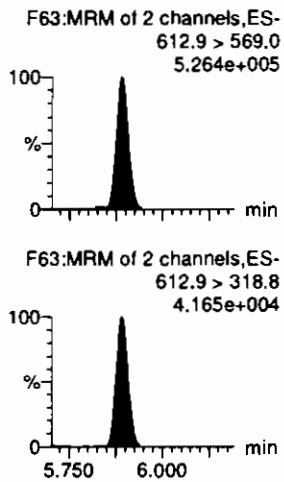
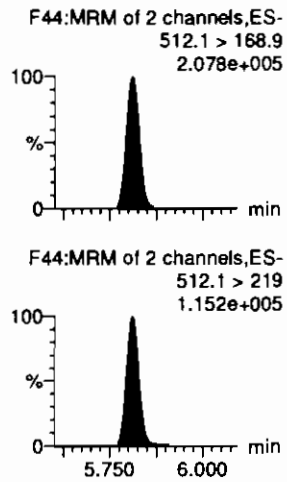


N-MeFOSA



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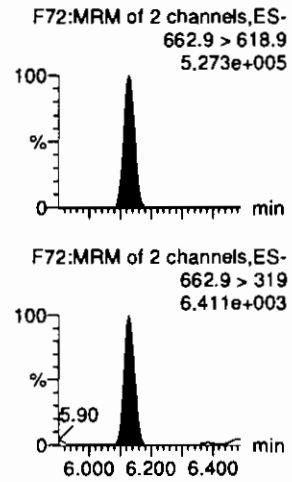

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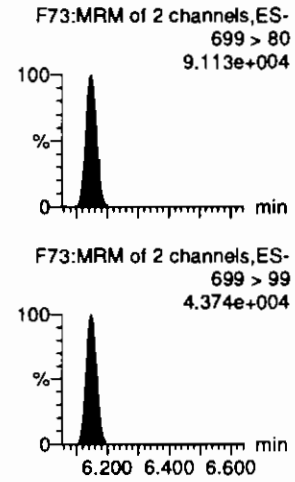

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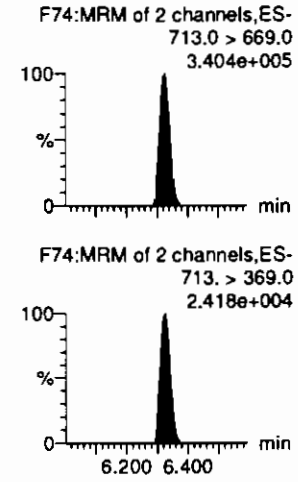
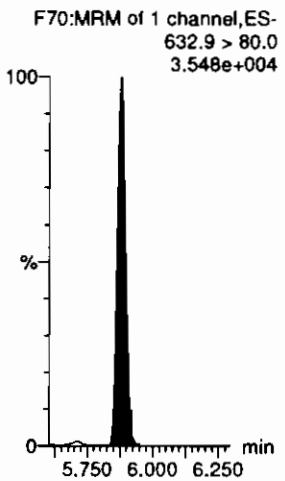


13C2-10:2 FTS-EIS



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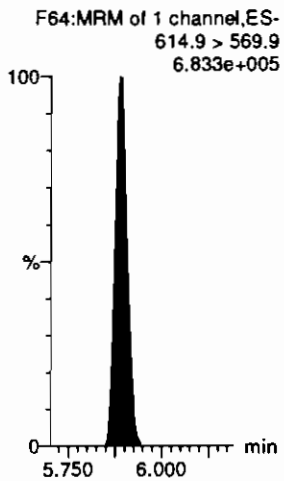

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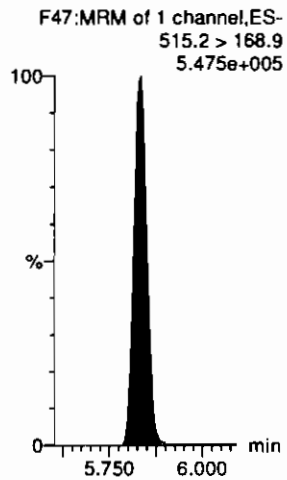

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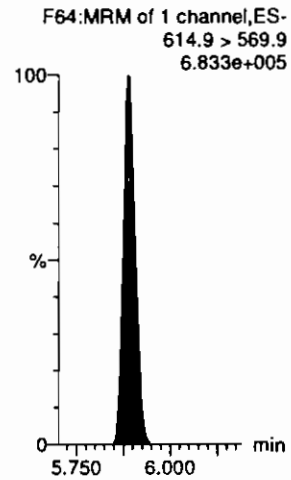

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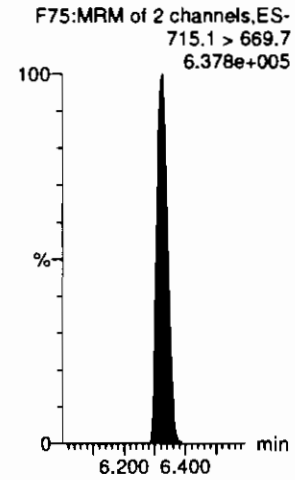

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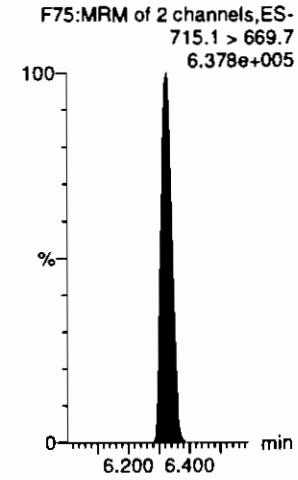

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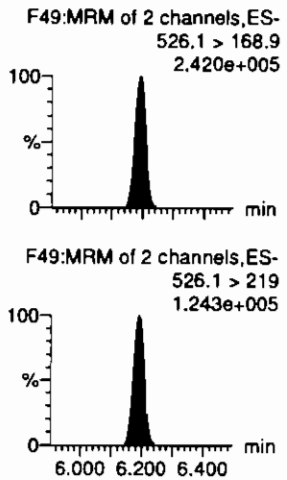
N-EtFOSA



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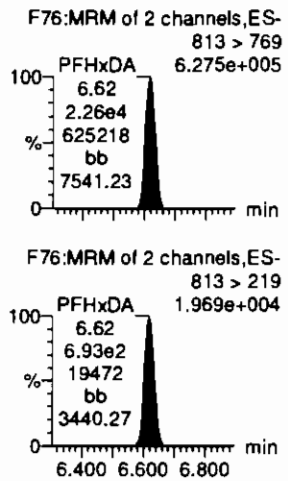

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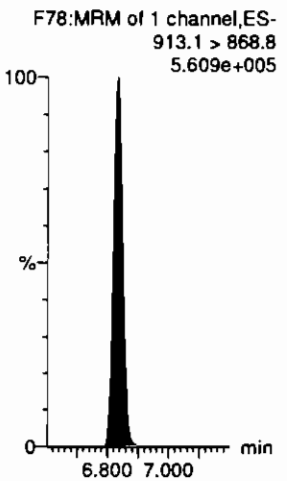
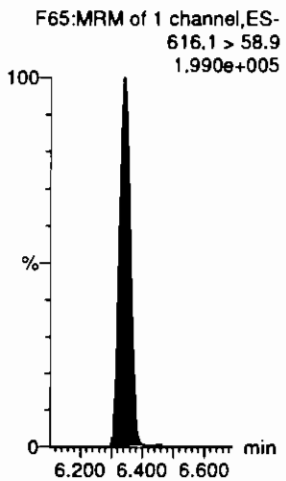
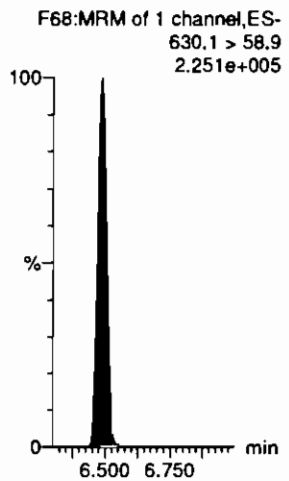


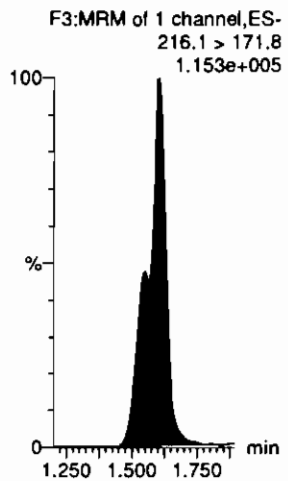
N-MeFOSE



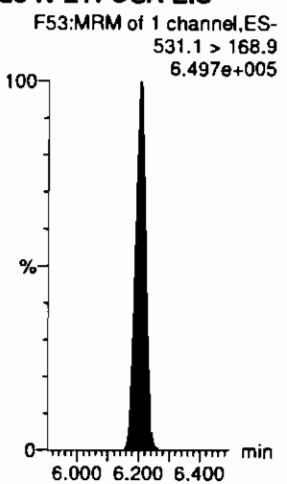
N-EtFOSE



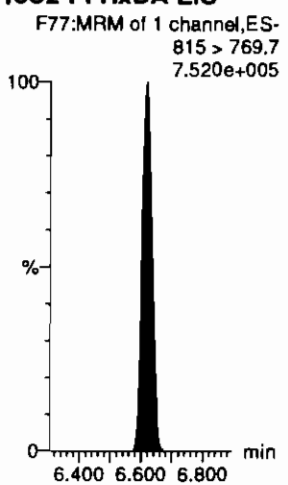
13C3-PFBA-RSD



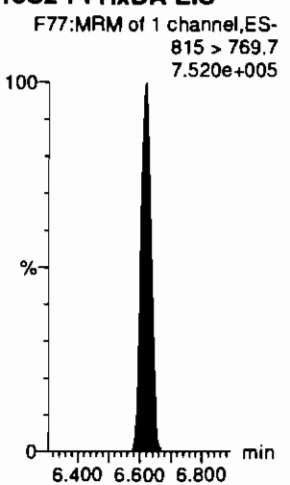
d5-N-ETFOSA-EIS



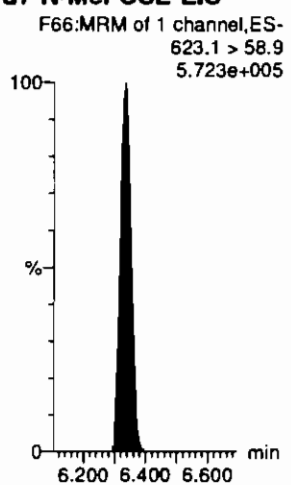
13C2-PFHxDA-EIS



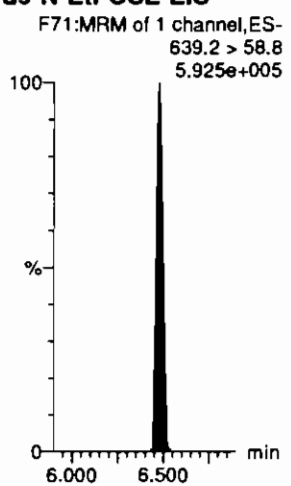
13C2-PFHxDA-EIS



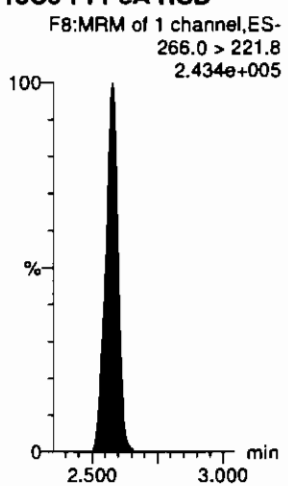
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-48.qld

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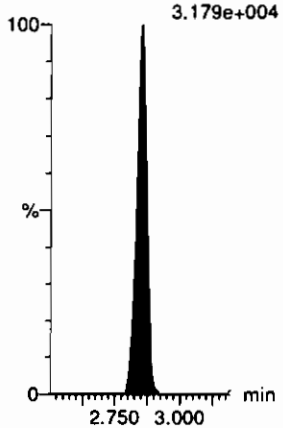
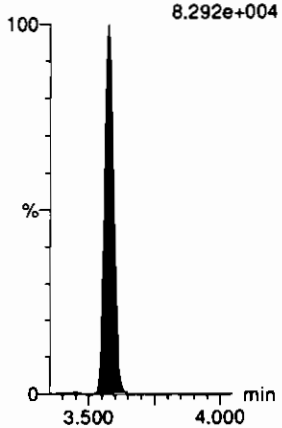
Name: 200706P1-48, Date: 06-Jul-2020, Time: 18:42:17, ID: ST200706P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

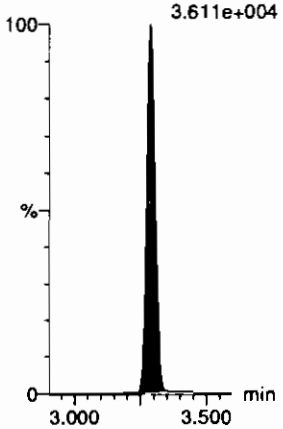
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
3.179e+004



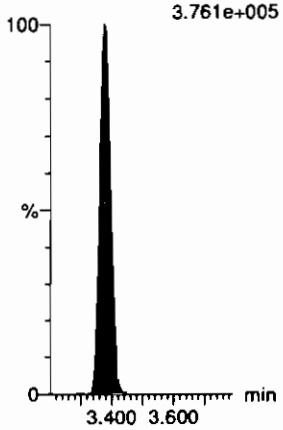
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
8.292e+004



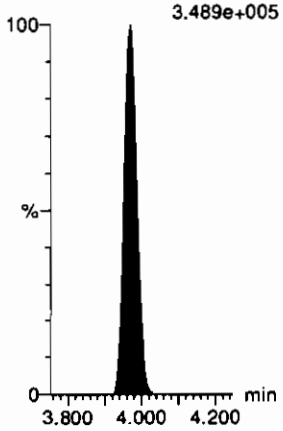
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.611e+004



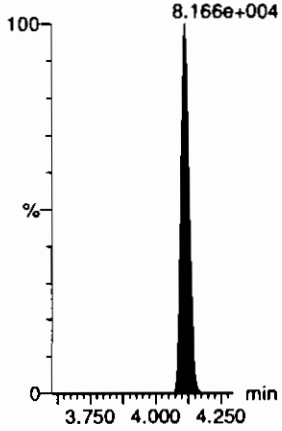
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.761e+005



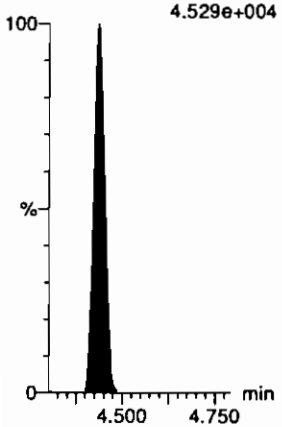
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.489e+005



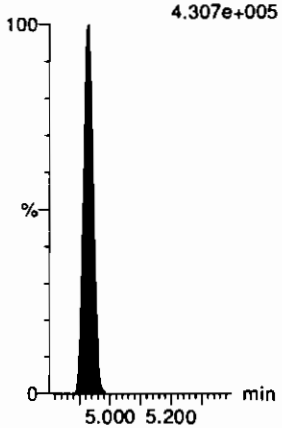
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
8.166e+004



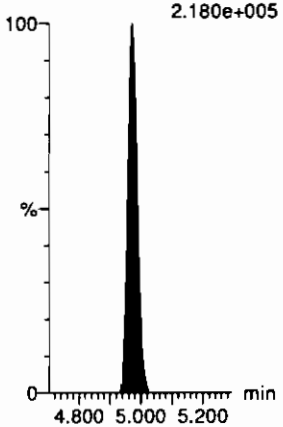
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.529e+004



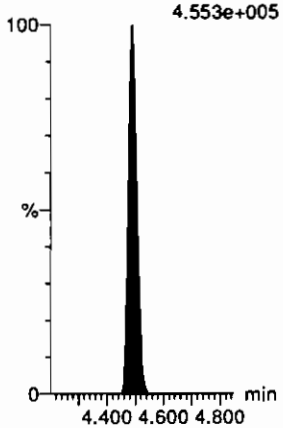
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.307e+005



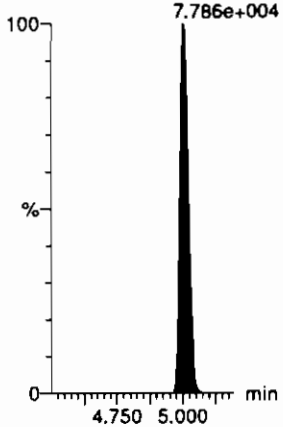
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
2.180e+005



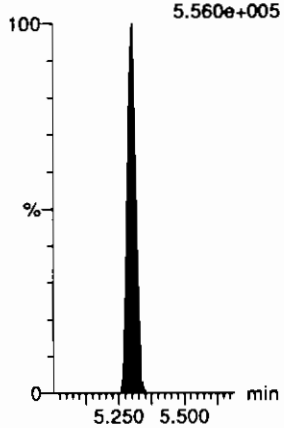
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.553e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
7.786e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.560e+005



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-48.qld

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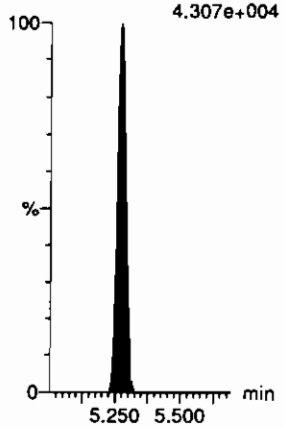
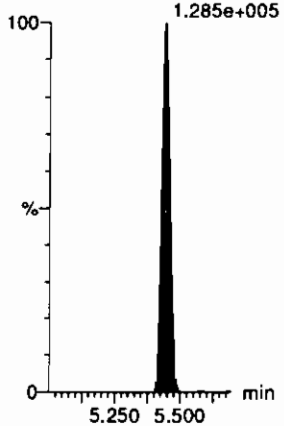
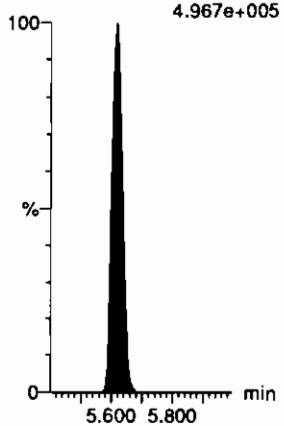
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.307e+004



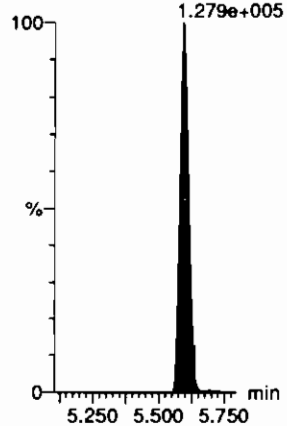
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.285e+005



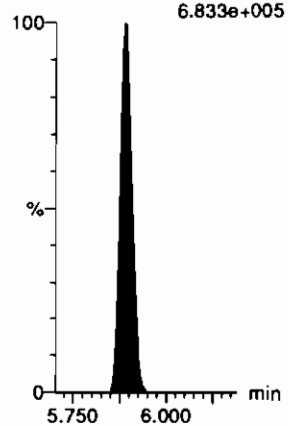
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.967e+005



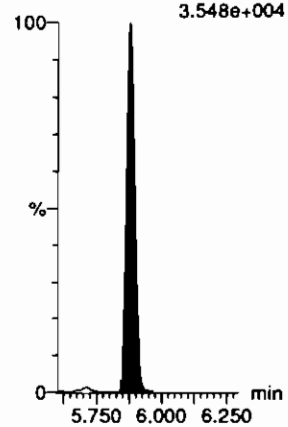
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.279e+005



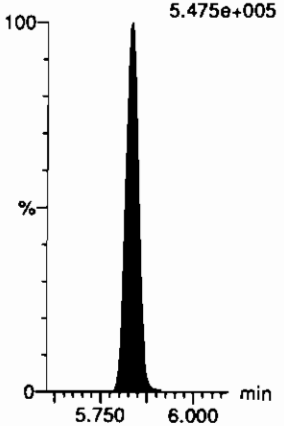
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
6.833e+005



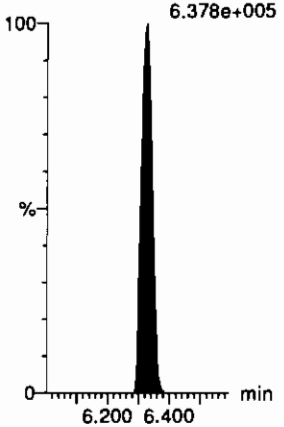
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
3.548e+004



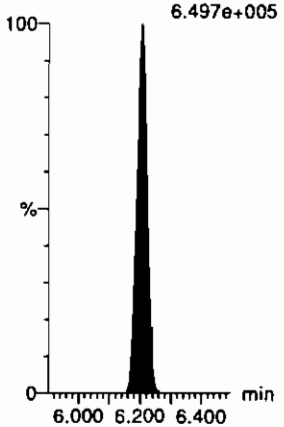
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.475e+005



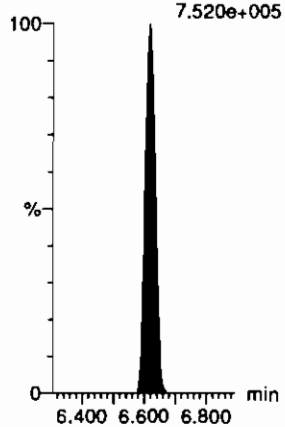
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
6.378e+005



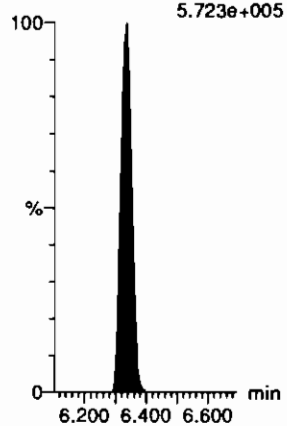
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.497e+005



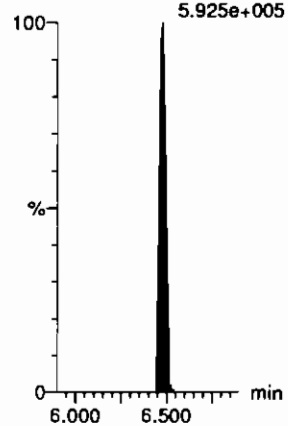
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.520e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
5.723e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
5.925e+005



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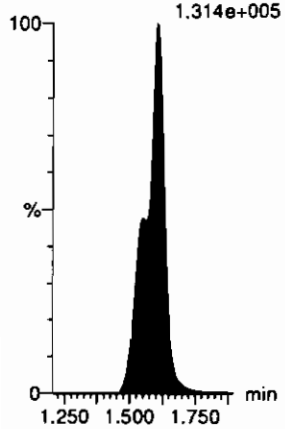
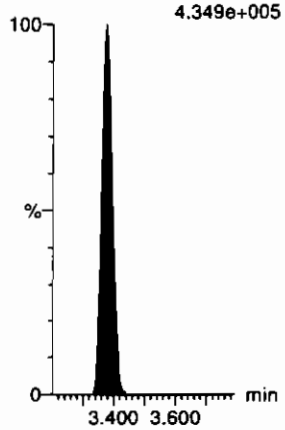
Name: 200706P1-48, Date: 06-Jul-2020, Time: 18:42:17, ID: ST200706P1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

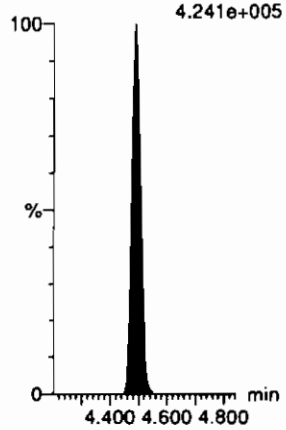
13C4-PFBA



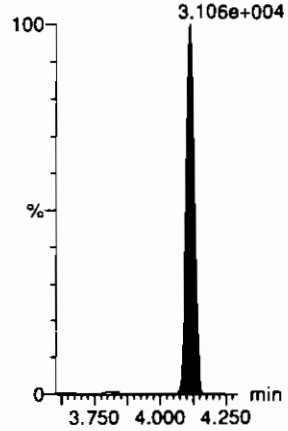
13C5-PFHxA



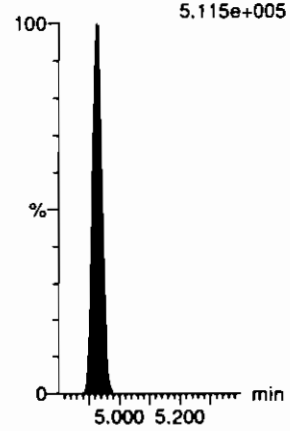
13C8-PFOA



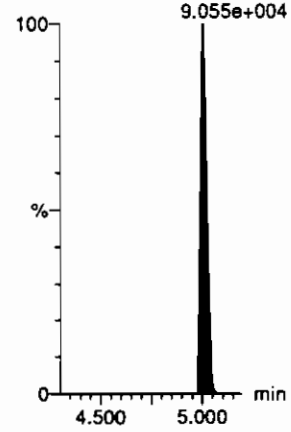
18O2-PFHxS



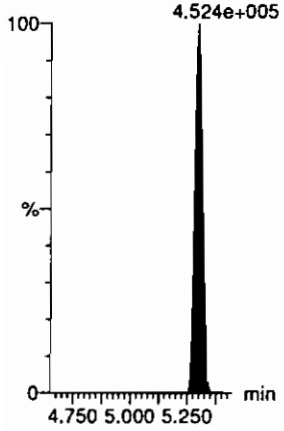
13C9-PFNA



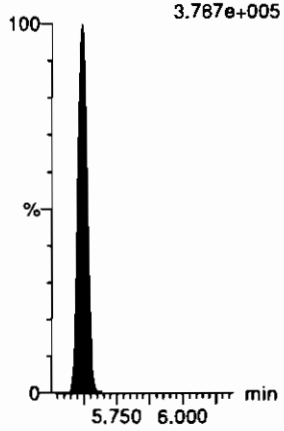
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-73.qld

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Name: 200706P1-73, Date: 06-Jul-2020, Time: 23:04:55, ID: ST200706P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

1	PFBA	213.0 > 168.8	8012.707	10050.552	1.00	1.60	9.966	10.000	9.62	96.2	NO		
2	PFPrS	249 > 80	1558.559	1527.099	1.00	1.94	12.758	10.000	9.56	95.6	NO	2.713	NO
3	3:3 FTCA	240.9 > 176.9	800.662	13437.363	1.00	2.42	0.745	10.000	9.01	90.1	NO	3.368	NO
4	PFPeA	263.1 > 218.9	10089.282	13437.363	1.00	2.57	9.385	10.000	10.1	101.3	NO		
5	PFBS	299.0 > 80	3015.340	1527.099	1.00	2.84	24.682	10.000	9.64	96.4	NO	2.439	NO
6	4:2 FTS	326.9 > 306.9	3093.074	1346.214	1.00	3.28	28.720	10.000	10.1	100.8	NO	12.003	NO
47	13C3-PFBA-EIS	216.1 > 171.8	10050.552		1.00	1.59	10050.552	12.500	14.6	116.6	NO		
51	13C3-PFBS-EIS	302.0 > 98.9	1527.099		1.00	2.84	1527.099	12.500	14.7	117.5	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	13437.363		1.00	2.57	13437.363	12.500	14.0	111.8	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	13437.363		1.00	2.57	13437.363	12.500	14.0	111.8	NO		
51	13C3-PFBS-EIS	302.0 > 98.9	1527.099		1.00	2.84	1527.099	12.500	14.7	117.5	NO		
55	13C2-4:2 FTS-EIS	329.0 >80.8	1346.214		1.00	3.28	1346.214	12.500	13.3	106.7	NO		
-1													
7	PFHxA	313.0 > 269.0	13166.781	15047.628	1.00	3.36	10.938	10.000	10.5	104.9	NO	16.582	NO
8	PFPeS	349.>80	2493.285	1527.099	1.00	3.54	20.409	10.000	9.78	97.8	NO	2.152	NO
9	HFPO-DA	285.1 > 168.9	2560.337	3145.659	1.00	3.56	10.174	10.000	10.1	101.2	NO	2.332	NO
10	5:3 FTCA	340.9 > 236.9	1612.937	12937.038	1.00	3.90	1.558	10.000	8.82	88.2	NO	1.516	NO
11	PFHpA	363.0 > 319	13780.732	12937.038	1.00	3.96	13.315	10.000	10.2	102.3	NO	56.292	NO
12	ADONA	376.8 > 250.9	22759.811	12937.038	1.00	4.07	21.991	10.000	10.1	101.1	NO	3.990	NO
57	13C2-PFHxA-EIS	315.0 > 270.0	15047.628		1.00	3.36	15047.628	12.500	13.8	110.4	NO		
51	13C3-PFBS-EIS	302.0 > 98.9	1527.099		1.00	2.84	1527.099	12.500	14.7	117.5	NO		
53	13C3-HFPO-DA-EIS	287.0 > 168.9	3145.659		1.00	3.56	3145.659	12.500	13.8	110.2	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	12937.038		1.00	3.96	12937.038	12.500	13.2	105.3	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	12937.038		1.00	3.96	12937.038	12.500	13.2	105.3	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	12937.038		1.00	3.96	12937.038	12.500	13.2	105.3	NO		
-1													
13	L-PFHxS	399 > 79.9	2658.051	2861.496	1.00	4.10	11.611	10.000	10.6	105.6	NO	4.082	NO
15	6:2 FTS	427.0 > 407	1592.953	1651.599	1.00	4.42	12.056	10.000	10.5	105.4	NO	0.761	NO
16	L-PFOA	413 > 369	13238.193	14884.313	1.00	4.48	11.118	10.000	9.81	98.1	NO	2.982	NO
18	PFecHS	461 > 381.0	2762.227	14884.313	1.00	4.49	2.320	10.000	10.3	102.9	NO	0.563	NO
19	PFHpS	449.0 > 80	2459.571	3135.890	1.00	4.58	9.804	10.000	10.1	100.7	NO	1.839	NO
20	7:3 FTCA	440.9 > 336.9	3562.670	15884.413	1.00	4.90	2.804	10.000	9.07	90.7	NO	1.307	NO
61	13C3-PFHxS-EIS	402 > 80	2861.496		1.00	4.10	2861.496	12.500	13.0	104.0	NO		
63	13C2-6:2 FTS-EIS	429.0 >79.7	1651.599		1.00	4.42	1651.599	12.500	12.8	102.6	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	14884.313		1.00	4.48	14884.313	12.500	12.9	103.1	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	14884.313		1.00	4.48	14884.313	12.500	12.9	103.1	NO		

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71	13C8-PFOS-EIS	507.1 > 80	3135.890		1.00	4.99	3135.890	12.500	13.9	111.2	NO		
65	13C5-PFNA-EIS	468.2 > 422.9	15884.413		1.00	4.92	15884.413	12.500	13.1	104.7	NO		
-1													
21	PFNA	463.0 > 418.8	14460.560	15884.413	1.00	4.91	11.380	10.000	10.2	101.8	NO	13.189	NO
22	PFOSA	498 > 78	4086.348	7173.675	1.00	4.96	7.120	10.000	10.3	103.2	NO	20.769	NO
23	L-PFOS	499 > 80	3224.913	3135.890	1.00	4.99	12.855	10.000	10.1	101.4	NO	2.804	NO
25	9Cl-PF30NS	531 > 351	6707.201	3135.890	1.00	5.21	26.736	10.000	9.39	93.9	NO	33.447	NO
26	PFDA	513 > 469	13145.316	19387.570	1.00	5.29	8.475	10.000	9.98	99.8	NO	5.260	NO
27	8:2 FTS	526.8 > 506.9	1575.071	1594.212	1.00	5.26	12.350	10.000	9.13	91.3	NO	0.717	NO
65	13C5-PFNA-EIS	468.2 > 422.9	15884.413		1.00	4.92	15884.413	12.500	13.1	104.7	NO		
67	13C8-PFOSA-EIS	506 > 78	7173.675		1.00	4.96	7173.675	12.500	12.6	100.4	NO		
71	13C8-PFOS-EIS	507.1 > 80	3135.890		1.00	4.99	3135.890	12.500	13.9	111.2	NO		
71	13C8-PFOS-EIS	507.1 > 80	3135.890		1.00	4.99	3135.890	12.500	13.9	111.2	NO		
73	13C2-PFDA-EIS	515.1 > 469.9	19387.570		1.00	5.29	19387.570	12.500	13.0	104.0	NO		
75	13C2-8:2 FTS-EIS	529 > 80	1594.212		1.00	5.26	1594.212	12.500	14.4	115.6	NO		
-1													
28	PFNS	549 > 80	3021.391	3135.890	1.00	5.34	12.044	10.000	9.10	91.0	NO	2.340	NO
29	L-MeFOSAA	570 > 419	4150.127	4534.687	1.00	5.43	11.440	10.000	9.41	94.1	NO	1.763	NO
31	L-EtFOSAA	583.9 > 419	5476.769	4785.992	1.00	5.59	14.304	10.000	10.3	103.1	NO	1.452	NO
33	PFUdA	563.0 > 519	16435.328	18140.504	1.00	5.60	11.325	10.000	10.3	103.0	NO	18.070	NO
34	PFDS	598.8 >79.9	3061.262	3135.890	1.00	5.65	12.203	10.000	9.56	95.6	NO	2.237	NO
35	11Cl-PF30UdS	631 > 451	5486.008	25011.080	1.00	5.80	2.742	10.000	10.6	106.1	NO	15.344	NO
71	13C8-PFOS-EIS	507.1 > 80	3135.890		1.00	4.99	3135.890	12.500	13.9	111.2	NO		
77	d3-N-MeFOSAA-EIS	573.1 > 419	4534.687		1.00	5.43	4534.687	12.500	13.7	109.5	NO		
81	d5-N-EtFOSAA-EIS	589.3 > 419	4785.992		1.00	5.58	4785.992	12.500	15.2	122.0	NO		
79	13C2-PFUdA-EIS	565 > 519.8	18140.504		1.00	5.60	18140.504	12.500	11.5	91.8	NO		
71	13C8-PFOS-EIS	507.1 > 80	3135.890		1.00	4.99	3135.890	12.500	13.9	111.2	NO		
83	13C2-PFDoA-EIS	614.9 > 569.9	25011.080		1.00	5.88	25011.080	12.500	13.4	107.1	NO		
-1													
36	10:2 FTS	626.9 > 607	2052.625	1329.525	1.00	5.87	19.298	10.000	10.5	105.5	NO	0.966	NO
37	PFDoA	612.9 > 569.0	18328.338	25011.080	1.00	5.88	9.160	10.000	9.34	93.4	NO	11.313	NO
38	N-MeFOSA	512.1 > 168.9	8237.125	21553.410	1.00	5.81	57.020	50.000	51.0	101.9	NO	1.902	NO
39	PFTrDA	662.9 > 618.9	19784.354	25011.080	1.00	6.12	9.888	10.000	9.50	95.0	NO	101.735	NO
40	PFDoS	699 > 80	3542.618	24087.088	1.00	6.14	1.838	10.000	10.8	108.4	NO	2.102	NO
41	PFTeDA	713.0 > 669.0	13017.293	24087.088	1.00	6.31	6.755	10.000	10.2	101.6	NO	13.478	NO
85	13C2-10:2 FTS-EIS	632.9 > 80.0	1329.525		1.00	5.87	1329.525	12.500	12.2	97.9	NO		

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			IS Area									
83	13C2-PFDoA-EIS	614.9 > 569.9	25011.080		1.00	5.88	25011.080	12.500	13.4	107.1	NO	
87	d3-N-MeFOSA-EIS	515.2 > 168.9	21553.410		1.00	5.83	21553.410	149.200	156	104.4	NO	
83	13C2-PFDoA-EIS	614.9 > 569.9	25011.080		1.00	5.88	25011.080	12.500	13.4	107.1	NO	
89	13C2-PFTeDA-EIS	715.1 > 669.7	24087.088		1.00	6.31	24087.088	12.500	12.6	101.1	NO	
89	13C2-PFTeDA-EIS	715.1 > 669.7	24087.088		1.00	6.31	24087.088	12.500	12.6	101.1	NO	
-1												
42	N-EtFOSA	526.1 > 168.9	9368.911	24071.305	1.00	6.19	58.071	50.000	50.2	100.4	NO	1.867 NO
43	PFHxDA	813 > 769	22748.705	27401.508	1.00	6.61	10.377	10.000	9.91	99.1	NO	29.821 NO
44	PFODA	913.1 > 868.8	18665.713	27401.508	1.00	6.82	8.515	10.000	10.3	102.7	NO	
45	N-MeFOSE	616.1 > 58.9	8446.872	22000.695	1.00	6.35	57.283	50.000	51.7	103.4	NO	
46	N-EtFOSE	630.1 > 58.9	8577.006	24234.545	1.00	6.49	52.804	50.000	52.2	104.4	NO	
48	13C3-PFBA-RSD	216.1 > 171.8	9954.403	11285.294	1.00	1.59	11.026	12.500	12.9	103.3	NO	
91	d5-N-ETFOSA-EIS	531.1 > 168.9	24071.305		1.00	6.20	24071.305	149.200	155	103.9	NO	
93	13C2-PFHxDA-EIS	815 > 769.7	27401.508		1.00	6.61	27401.508	12.500	13.0	103.9	NO	
93	13C2-PFHxDA-EIS	815 > 769.7	27401.508		1.00	6.61	27401.508	12.500	13.0	103.9	NO	
95	d7-N-MeFOSE-EIS	623.1 > 58.9	22000.695		1.00	6.33	22000.695	149.200	163	109.4	NO	
97	d9-N-EtFOSE-EIS	639.2 > 58.8	24234.545		1.00	6.48	24234.545	149.200	163	109.2	NO	
50	13C3-PFPeA-RSD	266.0 > 221.8	13437.363	17339.709	1.00	2.57	9.687	12.500	12.9	103.1	NO	
-1												
52	13C3-PFBS-RSD	302.0 > 98.9	1527.099	1201.153	1.00	2.84	15.892	12.500	13.0	103.7	NO	
54	13C3-HFPO-DA-RSD	287.0 > 168.9	3145.659	17339.709	1.00	3.56	2.268	12.500	12.0	95.9	NO	
56	13C2-4:2 FTS-RSD	329.0 >80.8	1346.214	1201.153	1.00	3.28	14.010	12.500	12.4	99.0	NO	
58	13C2-PFHxA-RSD	315.0 > 270.0	15047.628	17339.709	1.00	3.36	10.848	12.500	12.3	98.7	NO	
60	13C4-PFHpA-RSD	367.2 > 321.8	12937.038	17339.709	1.00	3.96	9.326	12.500	12.3	98.3	NO	
62	13C3-PFHxS-RSD	402 > 80	2861.496	1201.153	1.00	4.10	29.779	12.500	12.1	96.7	NO	
64	13C2-6:2 FTS-RSD	429.0 >79.7	1651.599	3680.862	1.00	4.42	5.609	12.500	11.9	94.9	NO	
66	13C5-PFNA-RSD	468.2 > 422.9	15884.413	17489.506	1.00	4.92	11.353	12.500	12.1	96.5	NO	
68	13C8-PFOSA-RSD	506 > 78	7173.675	15077.218	1.00	4.96	5.947	12.500	12.2	97.8	NO	
70	13C2-PFOA-RSD	414.9 > 369.7	14884.313	13697.632	1.00	4.48	13.583	12.500	12.4	99.4	NO	
72	13C8-PFOS-RSD	507.1 > 80	3135.890	3680.862	1.00	4.99	10.649	12.500	12.2	97.4	NO	
74	13C2-PFDA-RSD	515.1 > 469.9	19387.570	15966.805	1.00	5.29	15.178	12.500	12.1	96.8	NO	
-1												
76	13C2-8:2 FTS-RSD	529 > 80	1594.163	3680.862	1.00	5.26	5.414	12.500	11.9	94.9	NO	
78	d3-N-MeFOSAA-RSD	573.1 > 419	4534.687	15077.218	1.00	5.43	3.760	12.500	12.8	102.6	NO	
80	13C2-PFUdA-RSD	565 > 519.8	18140.504	15077.218	1.00	5.60	15.040	12.500	11.6	92.9	NO	
82	d5-N-EtFOSAA-RSD	589.3 > 419	4785.992	15077.218	1.00	5.58	3.968	12.500	14.0	112.2	NO	

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84	13C2-PFDoA-RSD	614.9 > 569.9	25011.080	15966.805	1.00	5.88	19.581	12.500	12.6	101.1	NO
86	13C2-10:2 FTS-RSD	632.9 > 80.0	1329.525	3680.862	1.00	5.87	4.515	12.500	11.8	94.1	NO
88	d3-N-MeFOSA-RSD	515.2 > 168.9	21553.410	15077.218	1.00	5.83	17.869	149.200	154	103.4	NO
90	13C2-PFTeDA-RSD	715.1 > 669.7	24087.088	15077.218	1.00	6.31	19.970	12.500	12.2	97.8	NO
92	d5-N-ETFOSA-RSD	531.1 > 168.9	24071.305	15077.218	1.00	6.20	19.957	149.200	153	102.6	NO
94	13C2-PFHxDA-RSD	815 > 769.7	27401.508	15077.218	1.00	6.61	22.718	12.500	12.8	102.3	NO
96	d7-N-MeFOSE-RSD	623.1 > 58.9	22151.820	15077.218	1.00	6.33	18.365	149.200	154	103.5	NO
98	d9-N-EtFOSE-RSD	639.2 > 58.8	24389.221	15077.218	1.00	6.48	20.220	149.200	154	102.9	NO
-1											
99	13C4-PFBA	217.0 > 172.0	11285.294	11285.294	1.00	1.60	12.500	12.500	12.5	100.0	NO
1...	13C5-PFHxA	318.0 > 272.9	17339.709	17339.709	1.00	3.36	12.500	12.500	12.5	100.0	NO
1...	13C8-PFOA	420.9 > 376.0	13697.632	13697.632	1.00	4.48	12.500	12.500	12.5	100.0	NO
1...	18O2-PFHxS	403.0 > 103	1201.153	1201.153	1.00	4.10	12.500	12.500	12.5	100.0	NO
1...	13C9-PFNA	472.2 > 426.9	17489.506	17489.506	1.00	4.92	12.500	12.500	12.5	100.0	NO
1...	13C4-PFOS	503 > 79.7	3680.862	3680.862	1.00	4.99	12.500	12.500	12.5	100.0	NO
1...	13C6-PFDA	519.1 > 473.7	15966.805	15966.805	1.00	5.29	12.500	12.500	12.5	100.0	NO
1...	13C7-PFUdA	570.1 > 524.8	15077.218	15077.218	1.00	5.60	12.500	12.500	12.5	100.0	NO

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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_070620.mdb 07 Jul 2020 08:33:50
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_07-06-20.cdb 07 Jul 2020 09:00:31

Compound name: PFBA

1	200706P1-19	ST200706P1-1 PFC CS-2 20F1901	06-Jul-20	13:13:57
2	200706P1-20	ST200706P1-2 PFC CS-1 20F1902	06-Jul-20	13:24:27
3	200706P1-21	ST200706P1-3 PFC CS0 20F1903	06-Jul-20	13:34:57
4	200706P1-22	ST200706P1-4 PFC CS1 20F1904	06-Jul-20	13:45:26
5	200706P1-23	ST200706P1-5 PFC CS2 20F1905	06-Jul-20	13:55:58
6	200706P1-24	ST200706P1-6 PFC CS3 20F1906	06-Jul-20	14:06:27
7	200706P1-25	ST200706P1-7 PFC CS4 20F1907	06-Jul-20	14:16:59
8	200706P1-26	ST200706P1-8 PFC CS5 20F1908	06-Jul-20	14:27:27
9	200706P1-27	ST200706P1-9 PFC CS6 20F1909	06-Jul-20	14:37:59
10	200706P1-28	ST200706P1-10 PFC CS7 20F1910	06-Jul-20	14:48:28
11	200706P1-29	IB	06-Jul-20	14:58:58
12	200706P1-30	ICV200706P1-1 PFC ICV 20F1911	06-Jul-20	15:09:30
13	200706P1-31	IB	06-Jul-20	15:19:59
14	200706P1-32	B0F0205-BS1 OPR 0.25	06-Jul-20	15:30:30
15	200706P1-33	2001315-06 24-GW-24NEW4-20200618 0.25948	06-Jul-20	15:41:01
16	200706P1-34	2001315-08 24-GW-08DGMW73-20200618 0.25501	06-Jul-20	15:51:31
17	200706P1-35	2001345-06@5X Septic Receiving 0.11338	06-Jul-20	16:02:00
18	200706P1-36	IB	06-Jul-20	16:12:35
19	200706P1-37	2001315-06 24-GW-24NEW4-20200618 0.25948	06-Jul-20	16:46:41
20	200706P1-38	2001315-08 24-GW-08DGMW73-20200618 0.25501	06-Jul-20	16:57:15
21	200706P1-39	2001326-01 REEPEF2658FS 0.11212	06-Jul-20	17:07:46
22	200706P1-40	B0G0023-BLK1 Method Blank 0.01	06-Jul-20	17:18:14
23	200706P1-41	B0G0023-BS1 OPR 0.01	06-Jul-20	17:28:46
24	200706P1-42	B0G0023-BSD1 LCSD 0.01	06-Jul-20	17:39:17
25	200706P1-43	2001353-01RE1 CAVERLY 0.01	06-Jul-20	17:49:46
26	200706P1-44	2001353-02RE1 SOMERSET FARMS 0.01	06-Jul-20	18:00:17
27	200706P1-45	2001353-03 TOZIER 0.01	06-Jul-20	18:10:46
28	200706P1-46	2001353-04RE1 TOZIER (2 vials-same) 0.01	06-Jul-20	18:21:18
29	200706P1-47	IB	06-Jul-20	18:31:47
30	200706P1-48	ST200706P1-11 PFC CS3 20F1906	06-Jul-20	18:42:17
31	200706P1-49	IB	06-Jul-20	18:52:49
32	200706P1-50	B0F0257-BLK1 Method Blank 0.25	06-Jul-20	19:03:20

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Compound name: PFBA

33	200706P1-51	B0F0257-BS1 OPR 0.25	06-Jul-20	19:13:50
34	200706P1-52	B0F0257-BSD1 LCSD 0.25	06-Jul-20	19:24:18
35	200706P1-53	B0F0257-MS1 Matrix Spike 0.2511	06-Jul-20	19:34:50
36	200706P1-54	B0F0257-MSD1 Matrix Spike Dup 0.24211	06-Jul-20	19:45:19
37	200706P1-55	2001356-01 ET-LW02-2020 0.25782	06-Jul-20	19:55:51
38	200706P1-56	IB	06-Jul-20	20:06:19
39	200706P1-57	2001357-01 SB01-20200624 0.24654	06-Jul-20	20:16:52
40	200706P1-58	2001357-02 EB01-20200624 0.24804	06-Jul-20	20:27:21
41	200706P1-59	2001357-03 I006MW065-20200624 0.25563	06-Jul-20	20:37:52
42	200706P1-60	IB	06-Jul-20	20:48:23
43	200706P1-61	2001357-04 DUP01-20200624 0.25403	06-Jul-20	20:58:53
44	200706P1-62	IB	06-Jul-20	21:09:22
45	200706P1-63	2001358-01 EB02-20200624 0.24128	06-Jul-20	21:19:52
46	200706P1-64	2001358-02 24-GW-24MW06-20200624 0.26389	06-Jul-20	21:30:23
47	200706P1-65	2001358-03 DUP01-20200624 0.26301	06-Jul-20	21:40:52
48	200706P1-66	2001358-04 24-GW-24MW10D-20200624 0.25918	08-Jul-20	21:51:24
49	200706P1-67	2001358-05 DUP02-20200624 0.2559	06-Jul-20	22:01:54
50	200706P1-68	2001358-06 24-GW-24MW10C-20200624 0.25497	06-Jul-20	22:12:25
51	200706P1-69	2001358-07 24-GW-24MW07R-20200624 0.25444	06-Jul-20	22:22:53
52	200706P1-70	B0F0172-BLK1 Method Blank 0.25	06-Jul-20	22:33:25
53	200706P1-71	B0F0172-BS1 OPR 0.25	06-Jul-20	22:43:54
54	200706P1-72	2001276-01 Equipment Blank-1 0.22934	06-Jul-20	22:54:26
55	200706P1-73	ST200706P1-12 PFC CS3 20F1906	06-Jul-20	23:04:55
56	200706P1-74	IB	06-Jul-20	23:15:27
57	200706P1-75	2001276-02 MW-20-01 0.25109	06-Jul-20	23:25:56
58	200706P1-76	2001276-03 Field Blank 0.24862	06-Jul-20	23:36:27
59	200706P1-77	2001276-04 MW-20-02 0.26126	06-Jul-20	23:46:56
60	200706P1-78	2001276-05 MW-20-03 0.24623	06-Jul-20	23:57:28
61	200706P1-79	2001276-06 Equipment Blank-2 0.24081	07-Jul-20	00:07:57
62	200706P1-80	2001276-07 Duplicate-1 0.24702	07-Jul-20	00:18:27
63	200706P1-81	B0F0088-BLK1 Method Blank 5	07-Jul-20	00:28:59
84	200706P1-82	B0F0088-BS1 OPR 5	07-Jul-20	00:39:27
65	200706P1-83	B0F0088-BSD1 LCSD 5	07-Jul-20	00:50:00
66	200706P1-84	2001248-01 05082020 B 5	07-Jul-20	01:00:28
67	200706P1-85	2001250-01 05082020 A 5	07-Jul-20	01:10:58
68	200706P1-86	ST200706P1-13 PFC CS3 20F1906	07-Jul-20	01:21:30

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Dataset: Untitled

Last Altered: Tuesday, July 07, 2020 12:16:39 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 12:17:00 Pacific Daylight Time

Compound name: PFBA

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70	200706P1-88	2001251-01 05082020 C 5	07-Jul-20	01:42:31
71	200706P1-89	2001252-01 05082020 E 2.5	07-Jul-20	01:53:00
72	200706P1-90	2001351-01 05082020AY 2.5	07-Jul-20	02:03:30
73	200706P1-91	2001375-01 05082020AF 3	07-Jul-20	02:14:01
74	200706P1-92	2001376-01 05082020T 2.5	07-Jul-20	02:24:33
75	200706P1-93	2001383-01 05082020AQ 3	07-Jul-20	02:35:01
76	200706P1-94	2001384-01 05082020AG 2.5	07-Jul-20	02:45:33
77	200706P1-95	2001391-01 05082020J 2.5	07-Jul-20	02:56:03
78	200706P1-96	2001392-01 05082020R 3	07-Jul-20	03:06:32
79	200706P1-97	2001393-01 05082020G 2.5	07-Jul-20	03:17:04
80	200706P1-98	ST200706P1-14 PFC CS3 20F1906	07-Jul-20	03:27:34
81	200706P1-99	IB	07-Jul-20	03:38:03
82	200706P1-100	2001402-01 06122020A 5	07-Jul-20	03:48:35
83	200706P1-101	2001403-01 05082020AN 2.5	07-Jul-20	03:59:04
84	200706P1-102	2001302-01@5X QP-1 0.03392	07-Jul-20	04:09:35
85	200706P1-103	2001302-02@5X QP-2 0.03359	07-Jul-20	04:20:04
86	200706P1-104	2001302-03@5X OP-3 0.0336	07-Jul-20	04:30:36
87	200706P1-105	2001302-04@5X OP-4 0.03354	07-Jul-20	04:41:05
88	200706P1-106	2001302-05@5X OP-5 0.03336	07-Jul-20	04:51:36
89	200706P1-107	2001302-06@5X OP-6 0.03266	07-Jul-20	05:02:06
90	200706P1-108	2001302-07@5X OP-7 0.03389	07-Jul-20	05:12:35
91	200706P1-109	2001302-08@5X OP-8 0.03326	07-Jul-20	05:23:07
92	200706P1-110	ST200706P1-15 PFC CS3 20F1906	07-Jul-20	05:33:36
93	200706P1-111	IB	07-Jul-20	05:44:07
94	200706P1-112	2001302-09@5X OP-9 0.03376	07-Jul-20	05:54:38
95	200706P1-113	2001302-10@5X OP-10 0.03297	07-Jul-20	06:05:07
96	200706P1-114	2001302-11@5X OP-11 0.03382	07-Jul-20	06:15:39
97	200706P1-115	2001302-12@5X OP-12 0.03372	07-Jul-20	06:26:08
98	200706P1-116	2001302-13@5X OP-13 0.03255	07-Jul-20	06:36:39
99	200706P1-117	2001302-14@5X OP-14 0.03286	07-Jul-20	06:47:10
100	200706P1-118	2001302-15@5X OP-15 0.03232	07-Jul-20	06:57:39
101	200706P1-119	2001302-16@5X OP-16 0.03366	07-Jul-20	07:08:11
102	200706P1-120	2001302-17@5X OP-17 0.03283	07-Jul-20	07:18:40
103	200706P1-121	2001302-18@5X OP-18 0.03296	07-Jul-20	07:29:10
104	200706P1-122	ST200706P1-16 PFC CS3 20F1906	07-Jul-20	07:39:40

Vista Analytical Laboratory

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-73.qld

Last Altered: Tuesday, July 07, 2020 10:23:37 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 10:23:55 Pacific Daylight Time

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Name: 200706P1-73, Date: 06-Jul-2020, Time: 23:04:55, ID: ST200706P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

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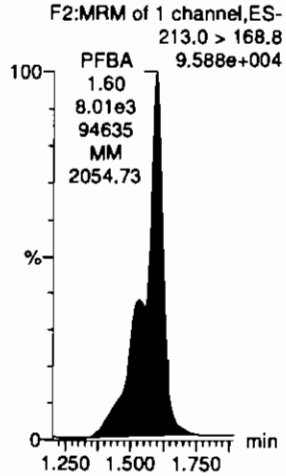
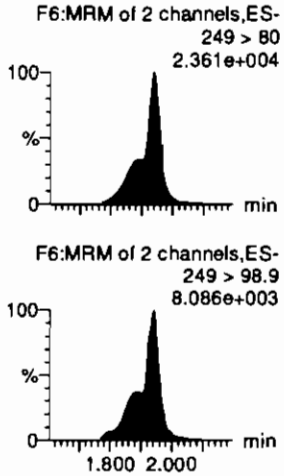
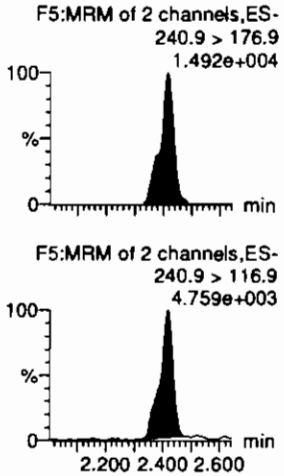


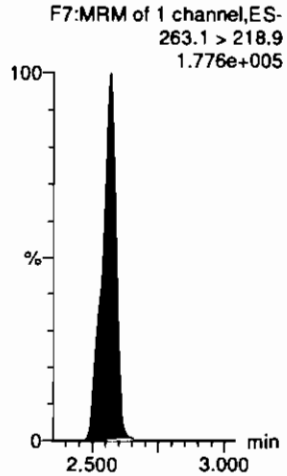
PFPrS



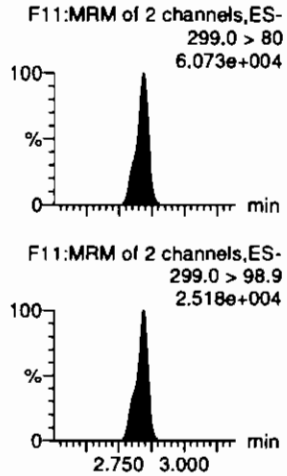
3:3 FTCA



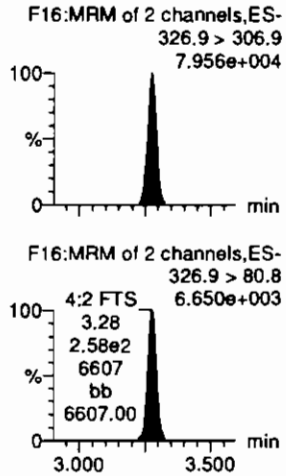
PFPeA



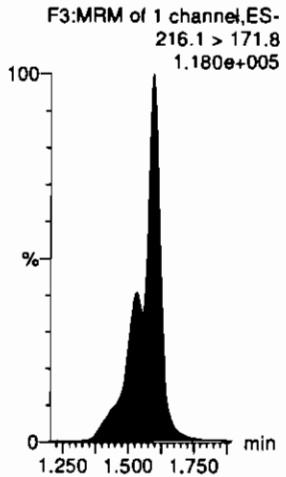
PFBS



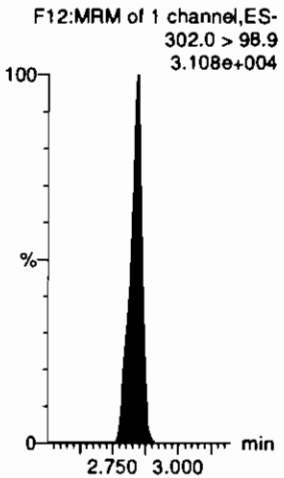
4:2 FTS



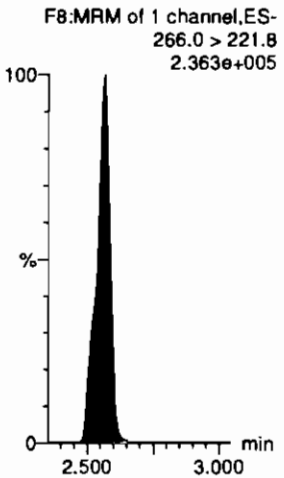
13C3-PFBA-EIS



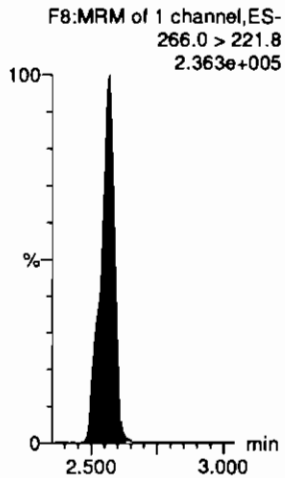
13C3-PFBS-EIS



13C3-PFPeA-EIS



13C3-PFPeA-EIS



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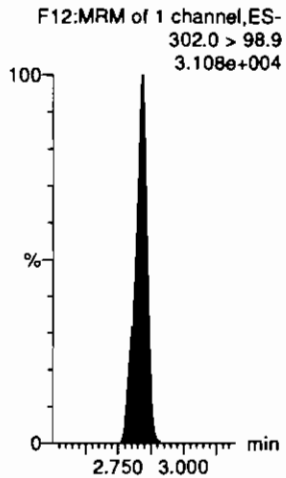
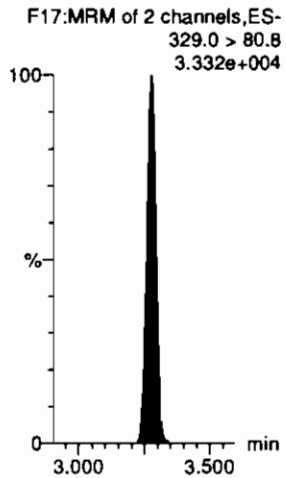


13C2-4:2 FTS-EIS



Vista Analytical Laboratory

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-73.qld

Last Altered: Tuesday, July 07, 2020 10:23:37 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 10:23:55 Pacific Daylight Time

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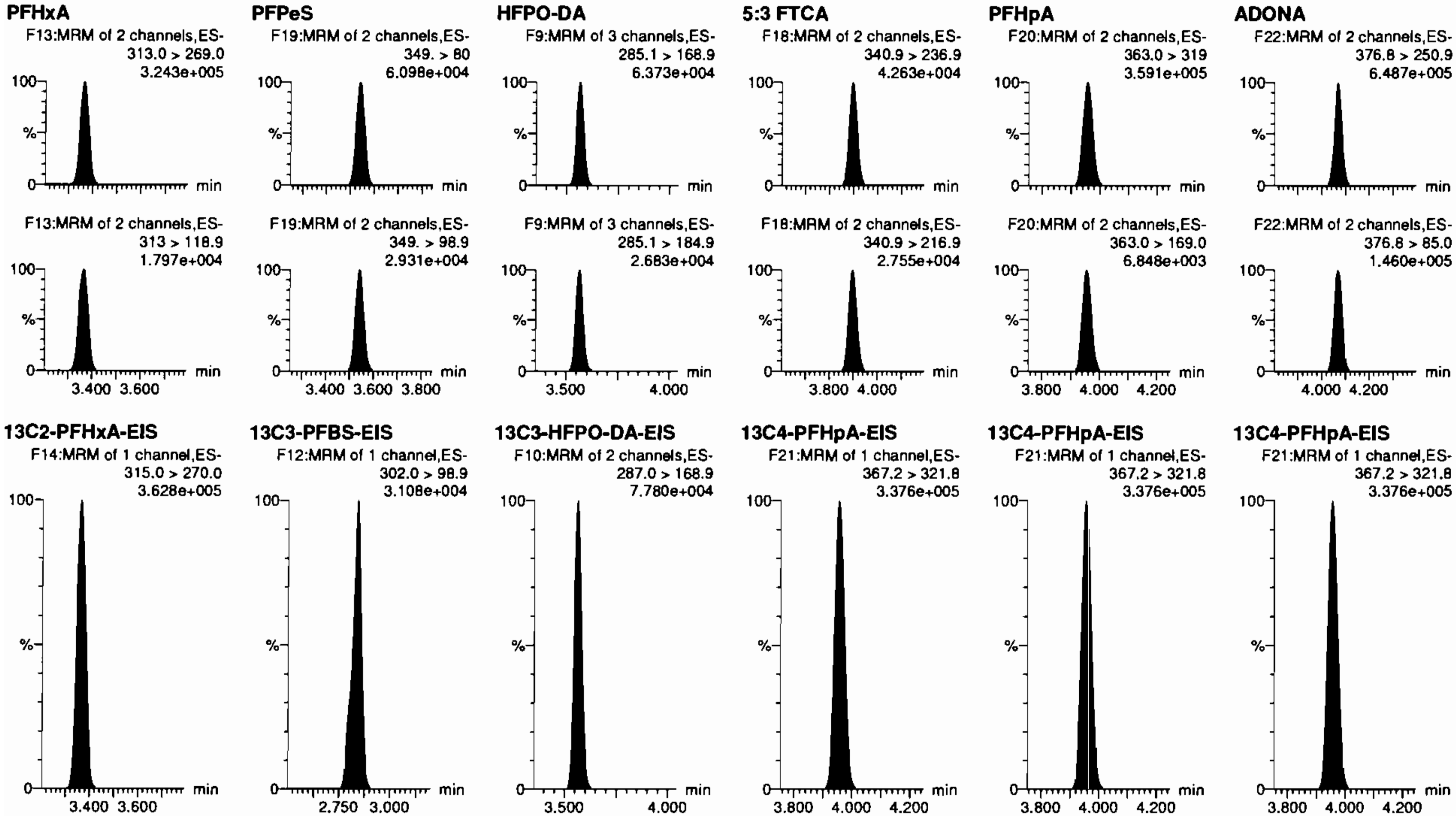


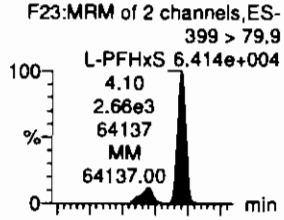
OPV 7/7/2020

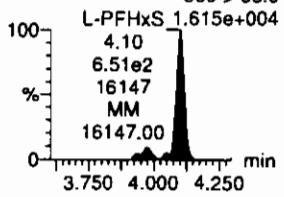
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-73.qld

Last Altered: Tuesday, July 07, 2020 10:23:37 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 10:23:55 Pacific Daylight Time

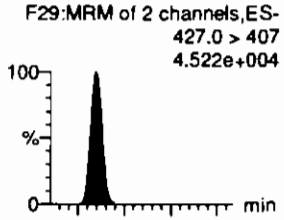
Name: 200706P1-73, Date: 06-Jul-2020, Time: 23:04:55, ID: ST200706P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

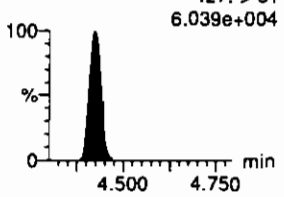
L-PFHxS



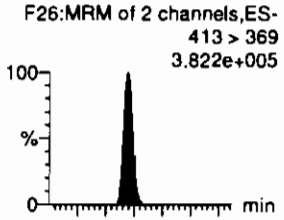


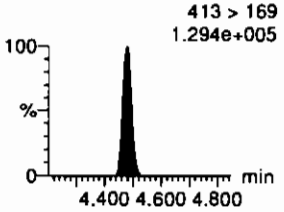
6:2 FTS





L-PFOA





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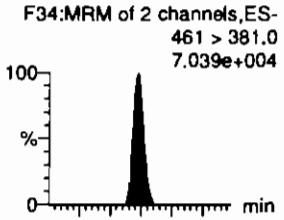
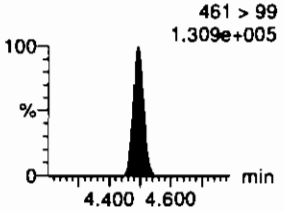
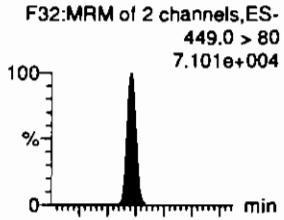
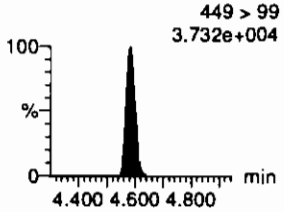


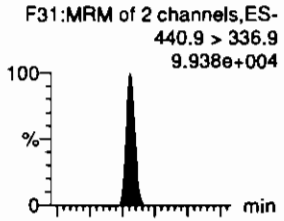


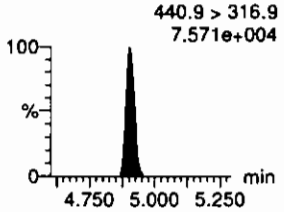
PFHpS



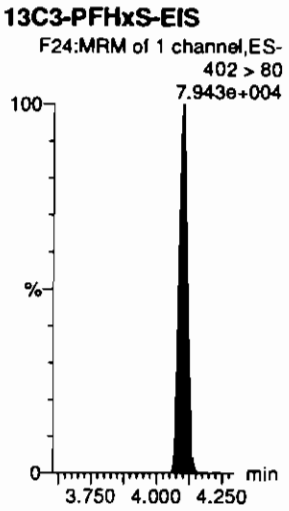


7:3 FTCA

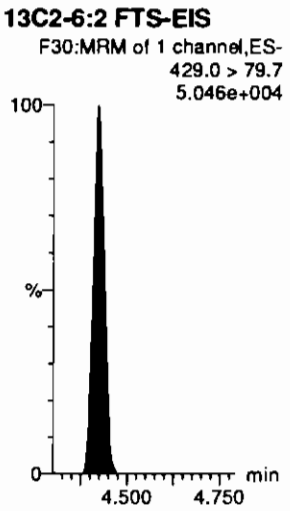




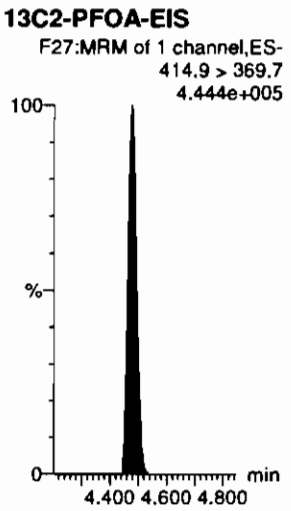
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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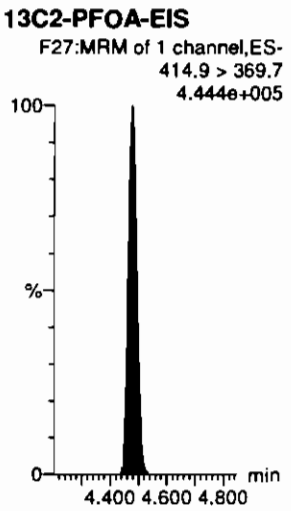
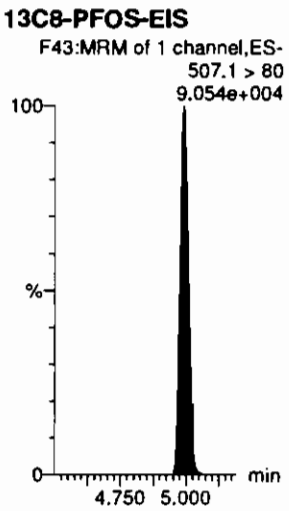
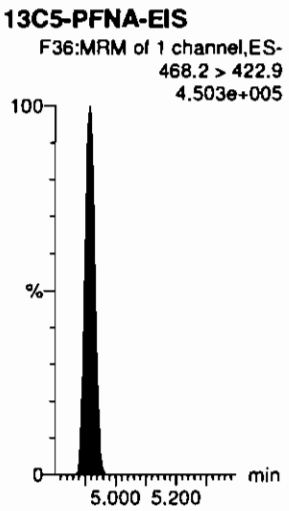


13C8-PFOS-EIS



13C5-PFNA-EIS

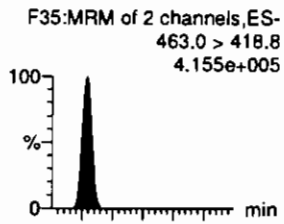


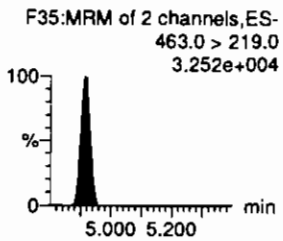
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-73.qld

Last Altered: Tuesday, July 07, 2020 10:23:37 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 10:23:55 Pacific Daylight Time

Name: 200706P1-73, Date: 06-Jul-2020, Time: 23:04:55, ID: ST200706P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFNA





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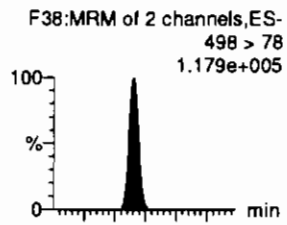
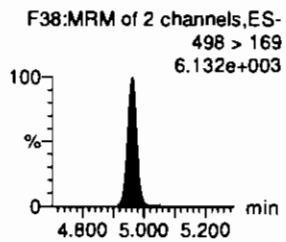
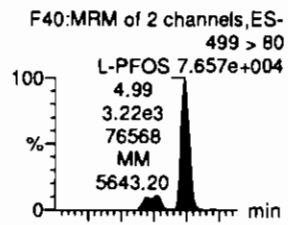
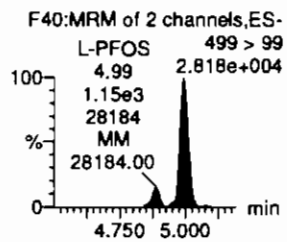


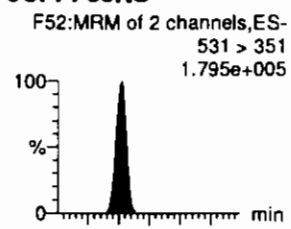


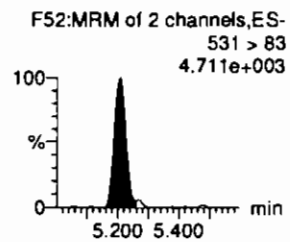
L-PFOS





9Cl-PF30NS





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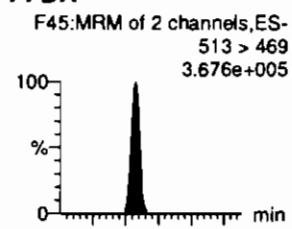
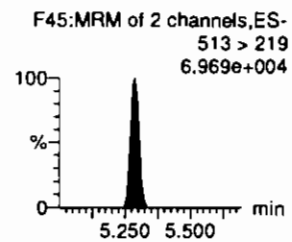
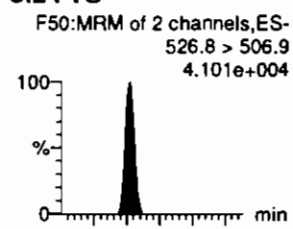
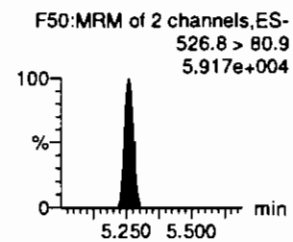


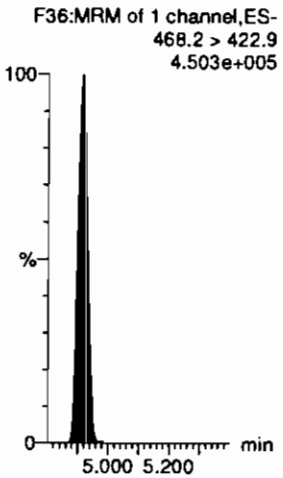


8:2 FTS

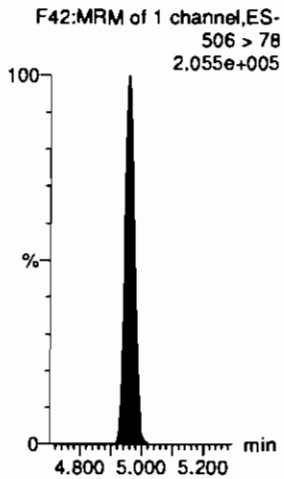




13C5-PFNA-EIS



13C8-PFOSA-EIS



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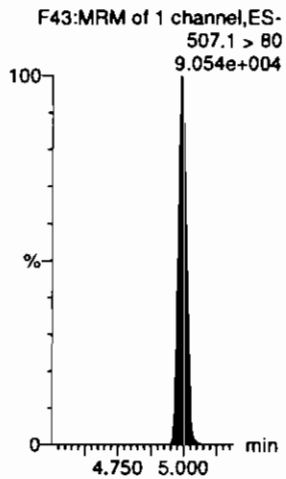

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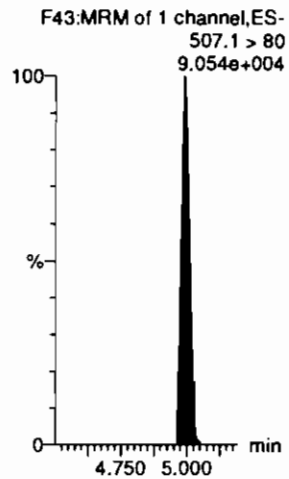
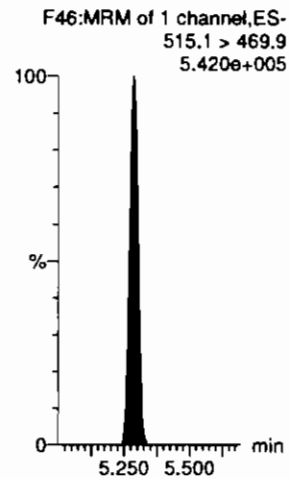
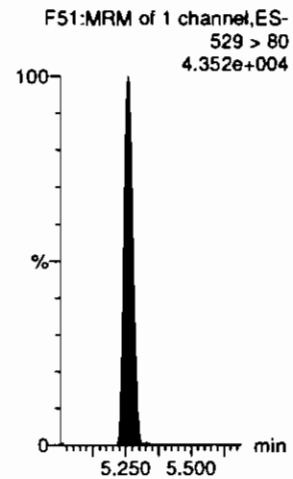


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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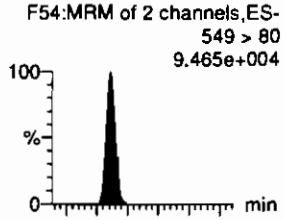
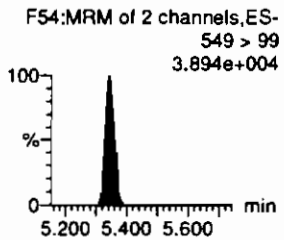
Printed: Tuesday, July 07, 2020 10:23:55 Pacific Daylight Time

Name: 200706P1-73, Date: 06-Jul-2020, Time: 23:04:55, ID: ST200706P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFNS





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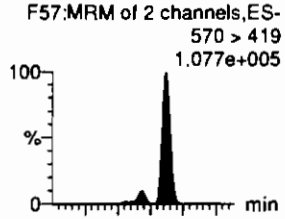

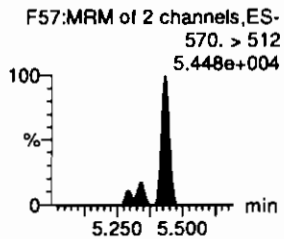

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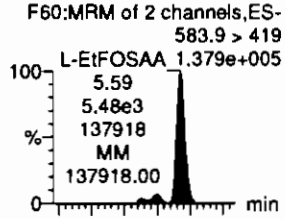
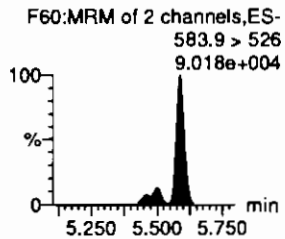
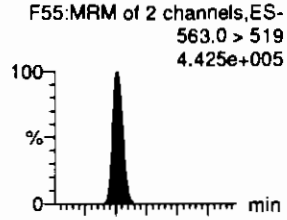
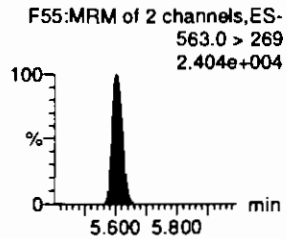




PFUdA





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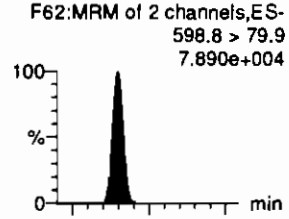

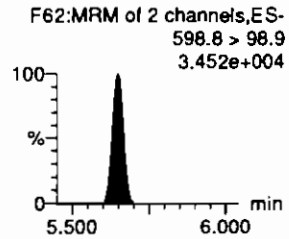

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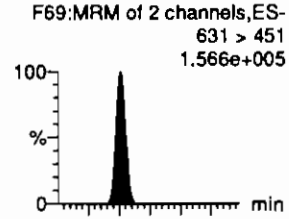
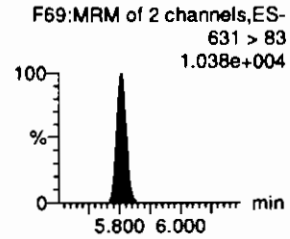
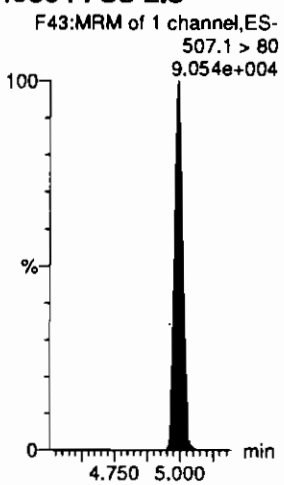
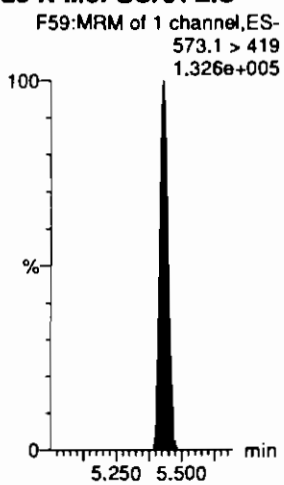




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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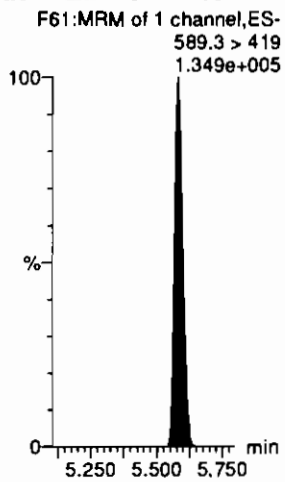
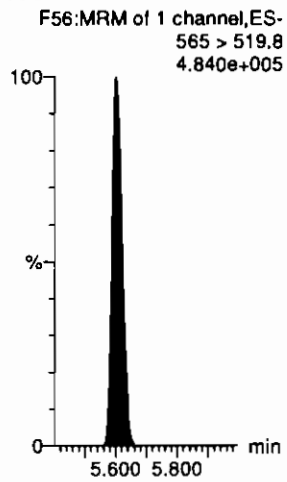


13C2-PFUdA-EIS



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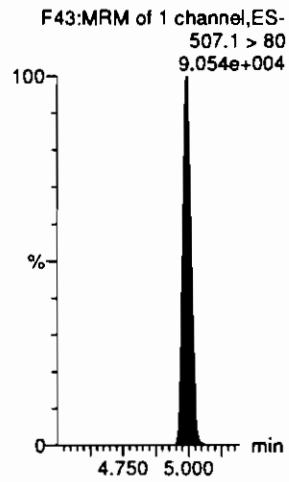
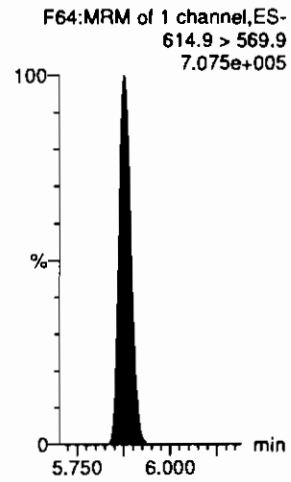


13C2-PFDoA-EIS



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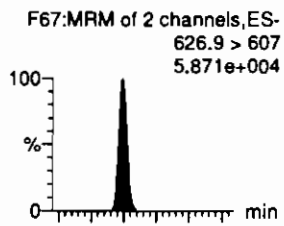
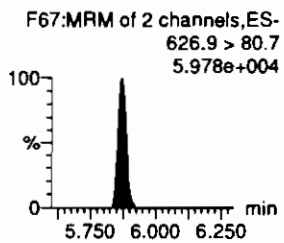
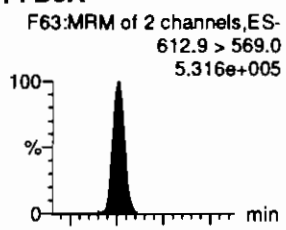
Name: 200706P1-73, Date: 06-Jul-2020, Time: 23:04:55, ID: ST200706P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

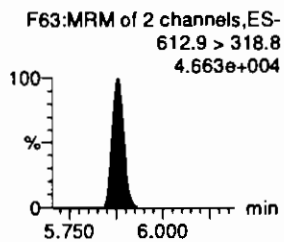
10:2 FTS





PFDoA





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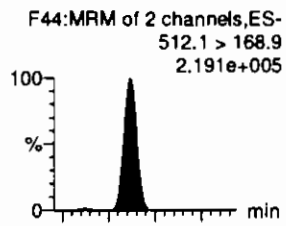

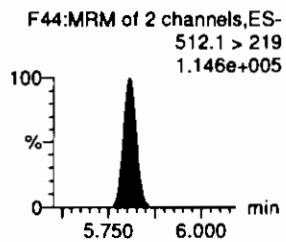

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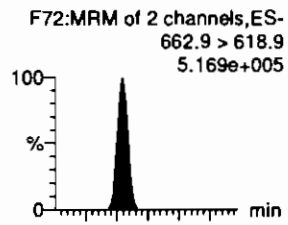
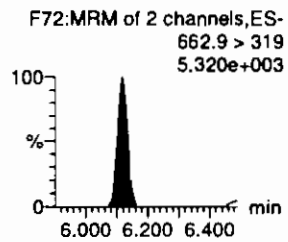
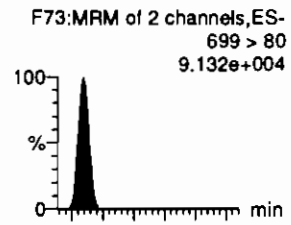
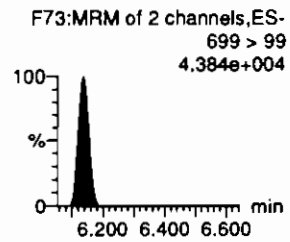


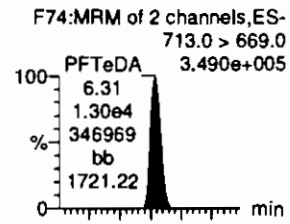


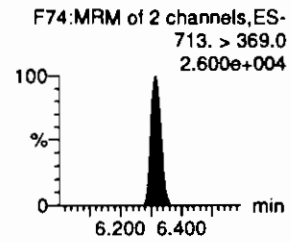
PFDoS



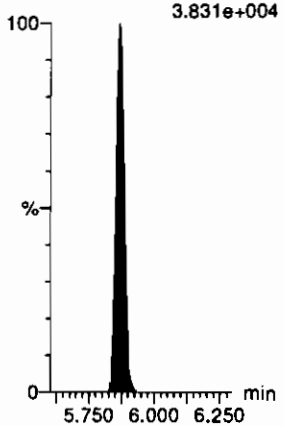


PFTeDA

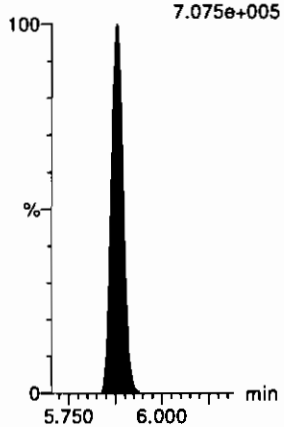




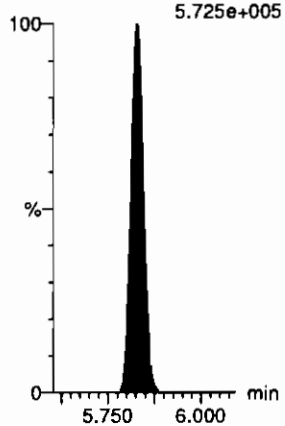
13C2-10:2 FTS-EIS



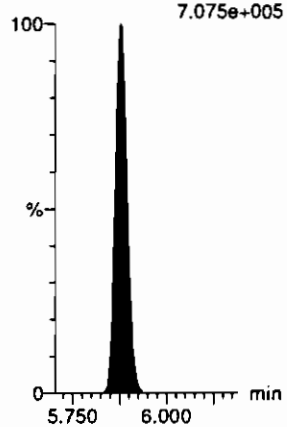
13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



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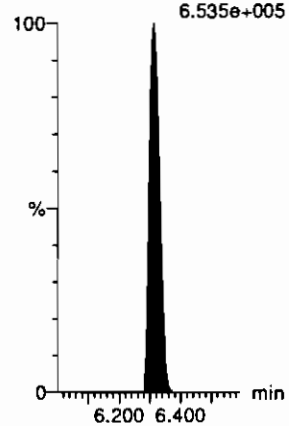
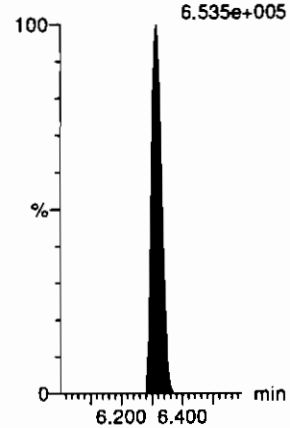


13C2-PFTeDA-EIS



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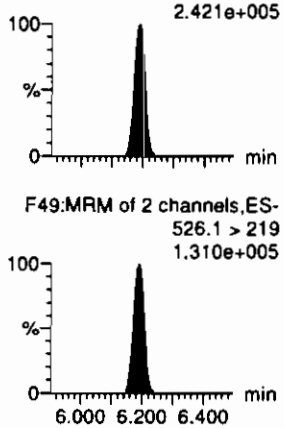
Name: 200706P1-73, Date: 06-Jul-2020, Time: 23:04:55, ID: ST200706P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

N-EtFOSA



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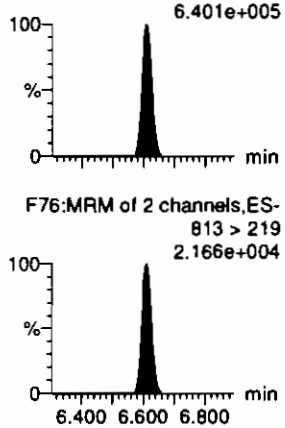
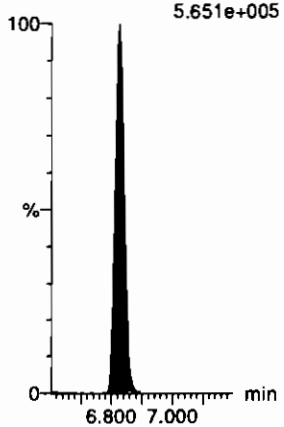
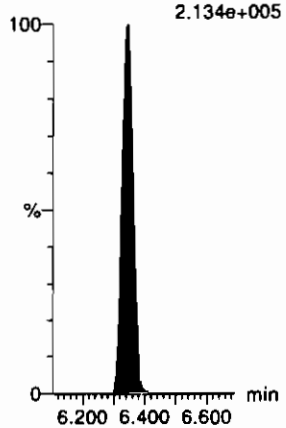


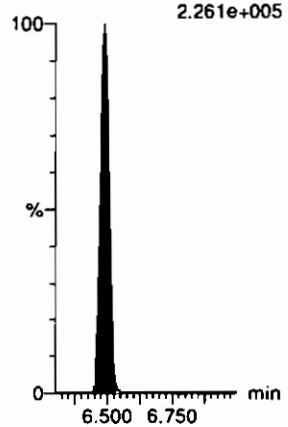
PFODA



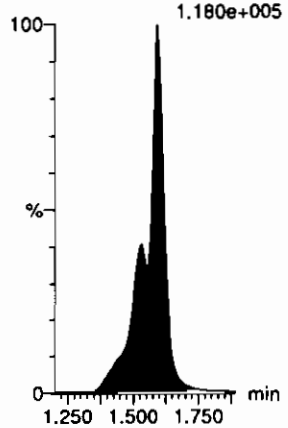
N-MeFOSE



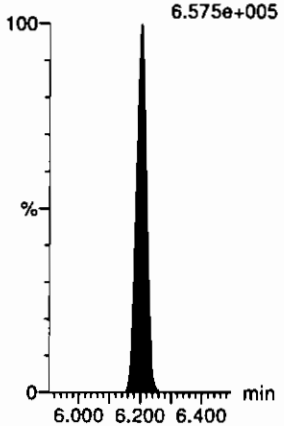
N-EtFOSE



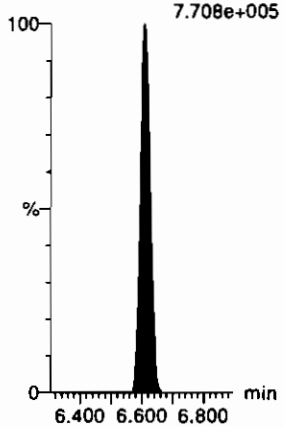
13C3-PFBA-RSD



d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



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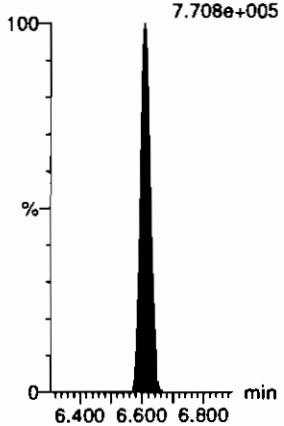
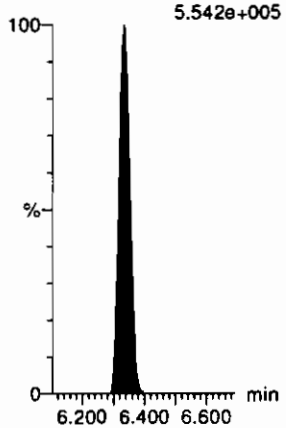
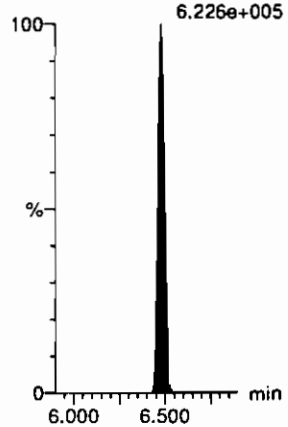


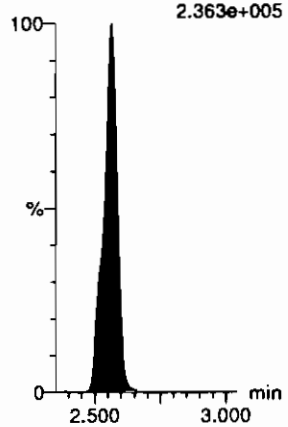
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-73.qld

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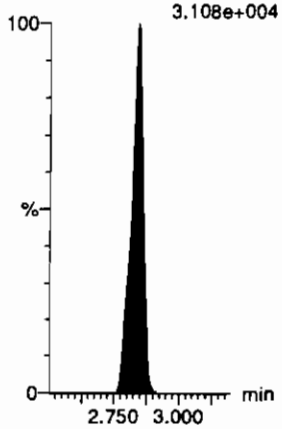
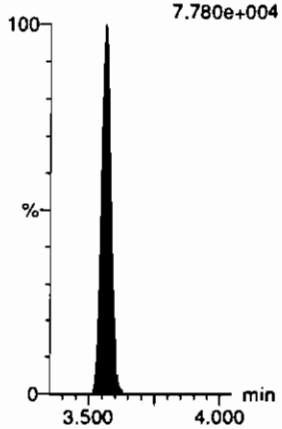
Name: 200706P1-73, Date: 06-Jul-2020, Time: 23:04:55, ID: ST200706P1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

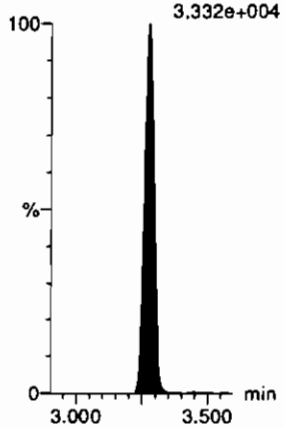
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
3.108e+004



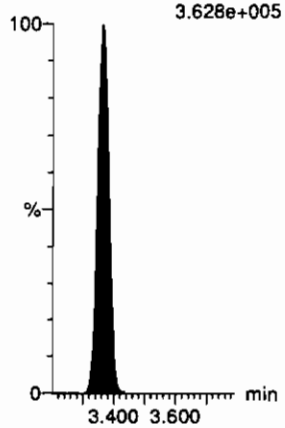
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
7.780e+004



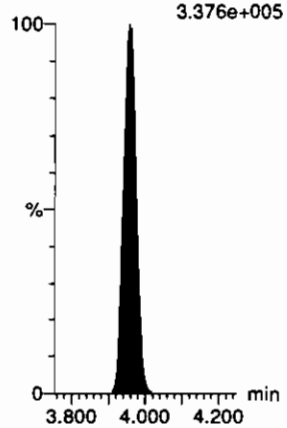
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.332e+004



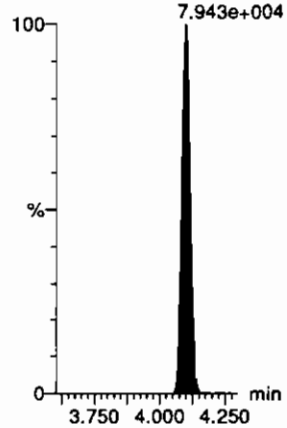
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.628e+005



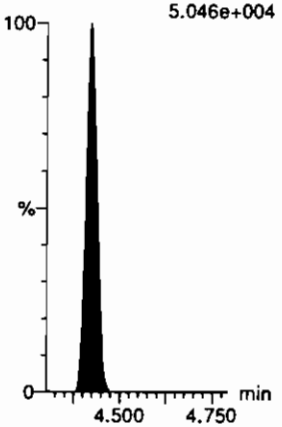
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.376e+005



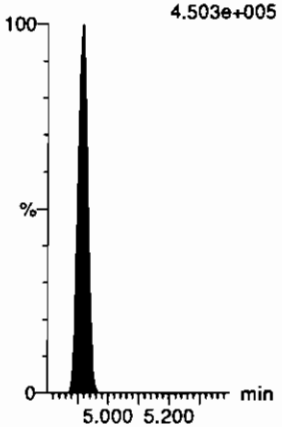
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
7.943e+004



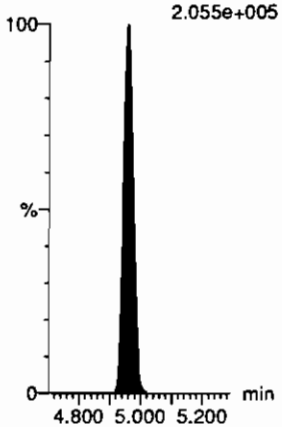
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
5.046e+004



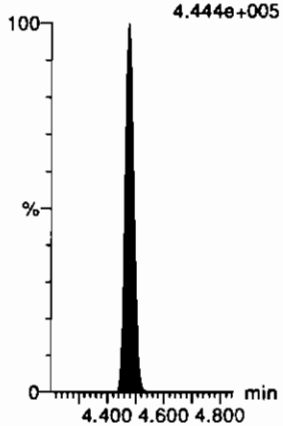
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.503e+005



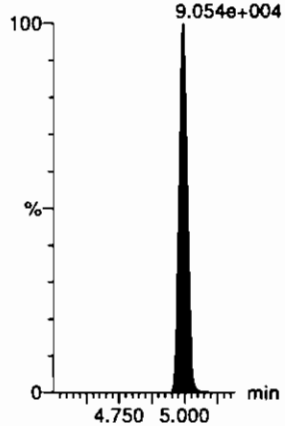
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
2.055e+005



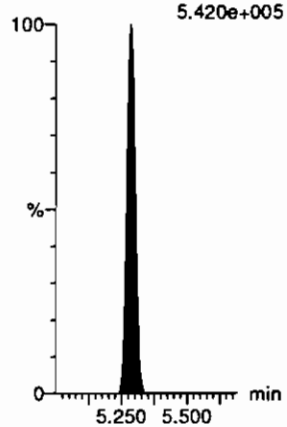
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.444e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
9.054e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.420e+005



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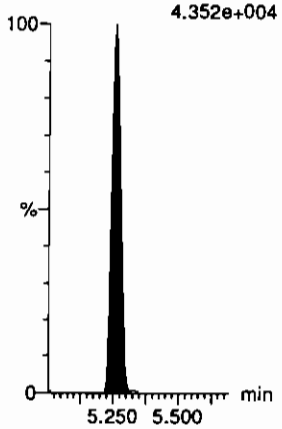
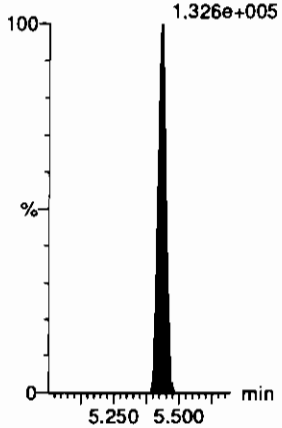
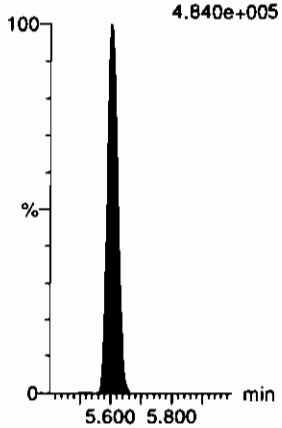
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.352e+004



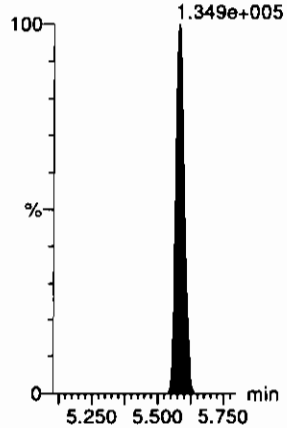
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.326e+005



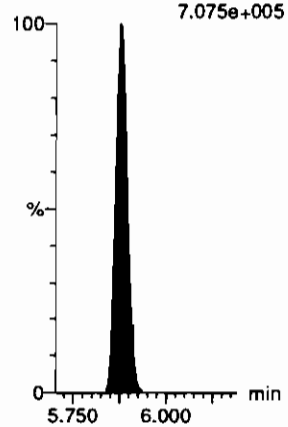
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.840e+005



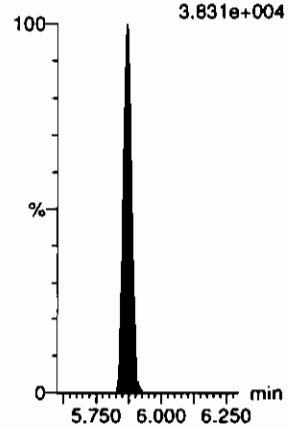
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.349e+005



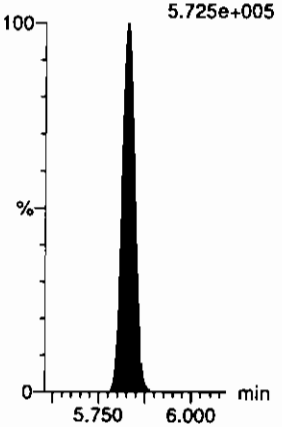
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
7.075e+005



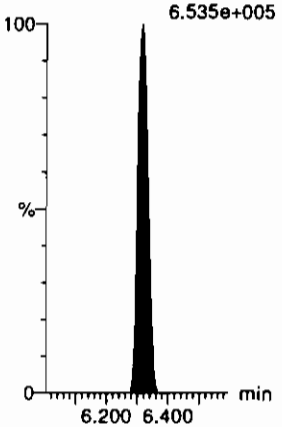
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
3.831e+004



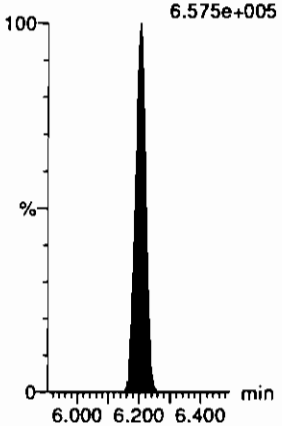
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.725e+005



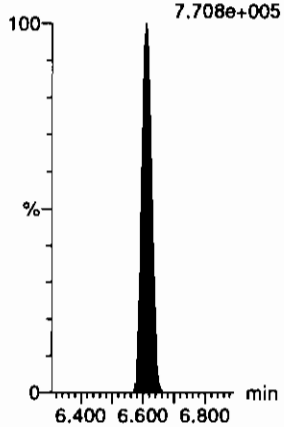
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
6.535e+005



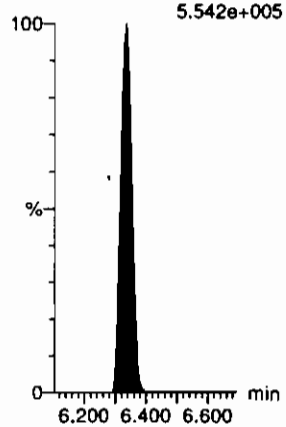
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.575e+005



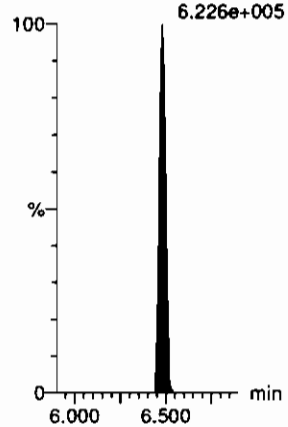
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.708e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
5.542e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
6.226e+005



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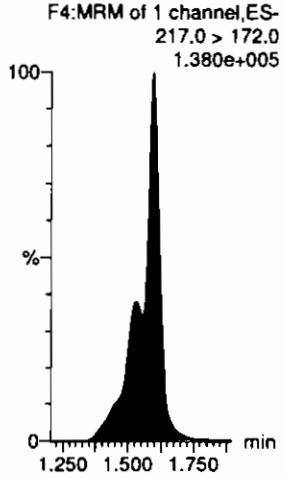
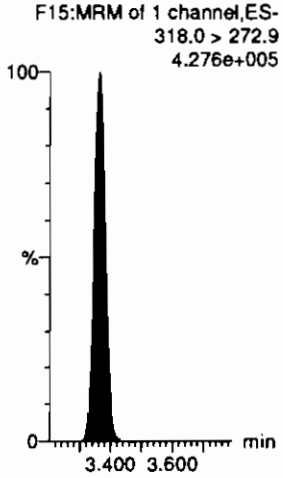
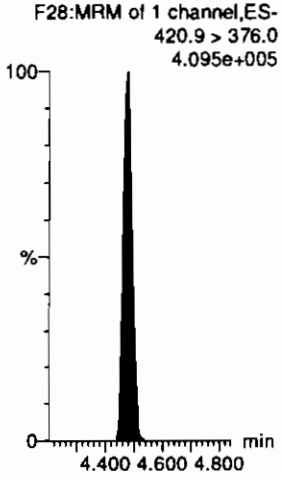
13C4-PFBA



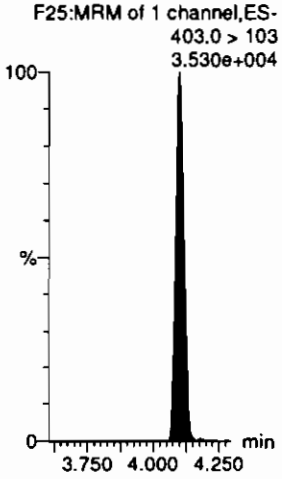
13C5-PFHxA



13C8-PFOA

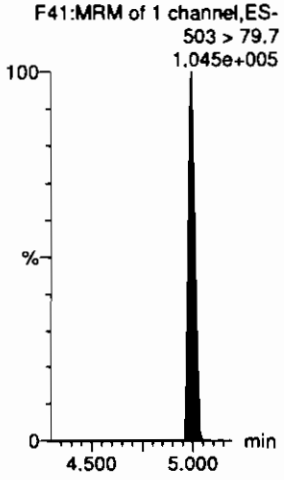


18O2-PFHxS

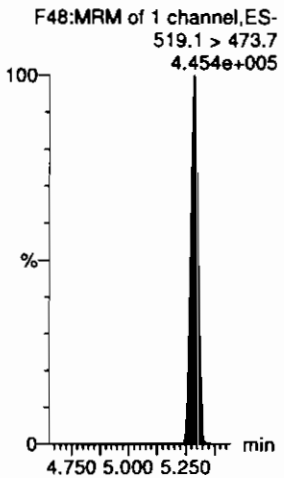


13C9-PFNA

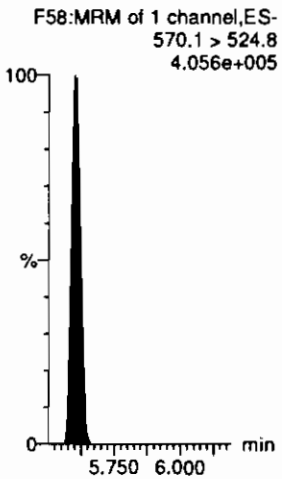
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Name: 200706P1-86, Date: 07-Jul-2020, Time: 01:21:30, ID: ST200706P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

	Name	Trans	Area	ISArea	Analyte	RT	Response	Std Conc	Conc	%Rec	Ret Flag	Ion Ratio	Qual
1	PFBA	213.0 > 168.8	8214.872	9871.774	1.00	1.59	10.402	10.000	10.0	100.4	NO		
2	PFPrS	249 > 80	1629.918	1420.443	1.00	1.93	14.343	10.000	10.7	107.5	NO	2.756	NO
3	3:3 FTCA	240.9 > 176.9	821.158	13593.096	1.00	2.41	0.755	10.000	9.14	91.4	NO	3.709	NO
4	PFPeA	263.1 > 218.9	9919.860	13593.096	1.00	2.56	9.122	10.000	9.85	98.5	NO		
5	PFBS	299.0 > 80	3083.802	1420.443	1.00	2.84	27.138	10.000	10.6	106.1	NO	2.500	NO
6	4:2 FTS	326.9 > 306.9	2952.594	1411.195	1.00	3.27	26.153	10.000	9.18	91.8	NO	10.885	NO
47	13C3-PFBA-EIS	216.1 > 171.8	9871.774		1.00	1.59	9871.774	12.500	14.3	114.5	NO		
51	13C3-PFBS-EIS	302.0 > 98.9	1420.443		1.00	2.83	1420.443	12.500	13.7	109.3	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	13593.096		1.00	2.56	13593.096	12.500	14.1	113.1	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	13593.096		1.00	2.56	13593.096	12.500	14.1	113.1	NO		
51	13C3-PFBS-EIS	302.0 > 98.9	1420.443		1.00	2.83	1420.443	12.500	13.7	109.3	NO		
55	13C2-4:2 FTS-EIS	329.0 >80.8	1411.195		1.00	3.27	1411.195	12.500	14.0	111.9	NO		
-1													
7	PFHxA	313.0 > 269.0	13330.619	15239.348	1.00	3.36	10.934	10.000	10.5	104.9	NO	16.518	NO
8	PFPeS	349.>80	2543.969	1420.443	1.00	3.54	22.387	10.000	10.7	107.3	NO	2.271	NO
9	HFPO-DA	285.1 > 168.9	2527.128	3311.575	1.00	3.56	9.539	10.000	9.48	94.8	NO	2.219	NO
10	5:3 FTCA	340.9 > 236.9	1678.036	13732.129	1.00	3.89	1.527	10.000	8.64	86.4	NO	1.642	NO
11	PFHpA	363.0 > 319	13906.488	13732.129	1.00	3.95	12.659	10.000	9.72	97.2	NO	48.572	NO
12	ADONA	376.8 > 250.9	23203.896	13732.129	1.00	4.06	21.122	10.000	9.71	97.1	NO	3.522	NO
57	13C2-PFHxA-EIS	315.0 > 270.0	15239.348		1.00	3.36	15239.348	12.500	14.0	111.8	NO		
51	13C3-PFBS-EIS	302.0 > 98.9	1420.443		1.00	2.83	1420.443	12.500	13.7	109.3	NO		
53	13C3-HFPO-DA-EIS	287.0 > 168.9	3311.575		1.00	3.56	3311.575	12.500	14.5	116.1	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	13732.129		1.00	3.95	13732.129	12.500	14.0	111.7	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	13732.129		1.00	3.95	13732.129	12.500	14.0	111.7	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	13732.129		1.00	3.95	13732.129	12.500	14.0	111.7	NO		
-1													
13	L-PFHxS	399 > 79.9	2711.184	3014.230	1.00	4.09	11.243	10.000	10.2	102.2	NO	3.914	NO
15	6:2 FTS	427.0 > 407	1550.971	1683.979	1.00	4.42	11.513	10.000	10.1	100.6	NO	0.736	NO
16	L-PFOA	413 > 369	13280.178	15354.034	1.00	4.47	10.812	10.000	9.54	95.4	NO	2.935	NO
18	PFecHS	461 > 381.0	2606.306	15354.034	1.00	4.48	2.122	10.000	9.41	94.1	NO	0.538	NO
19	PFHpS	449.0 > 80	2428.596	3196.746	1.00	4.58	9.496	10.000	9.76	97.6	NO	1.799	NO
20	7:3 FTCA	440.9 > 336.9	3566.874	16216.514	1.00	4.90	2.749	10.000	8.89	88.9	NO	1.399	NO
61	13C3-PFHxS-EIS	402 > 80	3014.230		1.00	4.09	3014.230	12.500	13.7	109.6	NO		
63	13C2-6:2 FTS-EIS	429.0 >79.7	1683.979		1.00	4.42	1683.979	12.500	13.1	104.6	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	15354.034		1.00	4.47	15354.034	12.500	13.3	106.4	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	15354.034		1.00	4.47	15354.034	12.500	13.3	106.4	NO		

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71	13C8-PFOS-EIS	507.1 > 80	3196.746		1.00	4.98	3196.746	12.500	14.2	113.4	NO		
65	13C5-PFNA-EIS	468.2 > 422.9	16216.514		1.00	4.91	16216.514	12.500	13.4	106.9	NO		
-1													
21	PFNA	463.0 > 418.8	14333.231	16216.514	1.00	4.91	11.048	10.000	9.88	98.8	NO	12.582	NO
22	PFOSA	498 > 78	3961.404	7232.877	1.00	4.95	6.846	10.000	9.92	99.2	NO	21.086	NO
23	L-PFOS	499 > 80	3024.426	3196.746	1.00	4.99	11.826	10.000	9.33	93.3	NO	2.493	NO
25	9Cl-PF30NS	531 > 351	6617.309	3196.746	1.00	5.20	25.875	10.000	9.09	90.9	NO	41.558	NO
26	PFDA	513 > 469	13813.563	18910.674	1.00	5.28	9.131	10.000	10.8	107.5	NO	5.369	NO
27	8:2 FTS	526.8 > 506.9	1690.322	1476.358	1.00	5.25	14.312	10.000	10.6	105.8	NO	0.730	NO
65	13C5-PFNA-EIS	468.2 > 422.9	16216.514		1.00	4.91	16216.514	12.500	13.4	106.9	NO		
67	13C8-PFOSA-EIS	506 > 78	7232.877		1.00	4.95	7232.877	12.500	12.7	101.3	NO		
71	13C8-PFOS-EIS	507.1 > 80	3196.746		1.00	4.98	3196.746	12.500	14.2	113.4	NO		
71	13C8-PFOS-EIS	507.1 > 80	3196.746		1.00	4.98	3196.746	12.500	14.2	113.4	NO		
73	13C2-PFDA-EIS	515.1 > 469.9	18910.674		1.00	5.28	18910.674	12.500	12.7	101.4	NO		
75	13C2-8:2 FTS-EIS	529 > 80	1476.358		1.00	5.25	1476.358	12.500	13.4	107.0	NO		
-1													
28	PFNS	549 > 80	3181.893	3196.746	1.00	5.33	12.442	10.000	9.40	94.0	NO	2.486	NO
29	L-MeFOSAA	570 > 419	4402.308	4513.071	1.00	5.43	12.193	10.000	10.0	100.3	NO	1.801	NO
31	L-EtFOSAA	583.9 > 419	4922.693	4328.769	1.00	5.58	14.215	10.000	10.2	102.5	NO	1.277	NO
33	PFUdA	563.0 > 519	17093.705	19072.004	1.00	5.59	11.203	10.000	10.2	101.9	NO	18.809	NO
34	PFDS	598.8 >79.9	3122.441	3196.746	1.00	5.64	12.209	10.000	9.57	95.7	NO	2.243	NO
35	11Cl-PF30UdS	631 > 451	5414.142	24630.037	1.00	5.79	2.748	10.000	10.6	106.4	NO	15.421	NO
71	13C8-PFOS-EIS	507.1 > 80	3196.746		1.00	4.98	3196.746	12.500	14.2	113.4	NO		
77	d3-N-MeFOSAA-EIS	573.1 > 419	4513.071		1.00	5.42	4513.071	12.500	13.6	109.0	NO		
81	d5-N-EtFOSAA-EIS	589.3 > 419	4328.769		1.00	5.57	4328.769	12.500	13.8	110.3	NO		
79	13C2-PFUdA-EIS	565 > 519.8	19072.004		1.00	5.59	19072.004	12.500	12.1	96.5	NO		
71	13C8-PFOS-EIS	507.1 > 80	3196.746		1.00	4.98	3196.746	12.500	14.2	113.4	NO		
83	13C2-PFDoA-EIS	614.9 > 569.9	24630.037		1.00	5.87	24630.037	12.500	13.2	105.5	NO		
-1													
36	10:2 FTS	626.9 > 607	2075.993	1280.409	1.00	5.86	20.267	10.000	11.1	110.8	NO	0.994	NO
37	PFDoA	612.9 > 569.0	19355.586	24630.037	1.00	5.87	9.823	10.000	10.0	100.2	NO	12.383	NO
38	N-MeFOSA	512.1 > 168.9	7978.411	21651.443	1.00	5.80	54.979	50.000	49.1	98.3	NO	1.867	NO
39	PFTrDA	662.9 > 618.9	19995.857	24630.037	1.00	6.11	10.148	10.000	9.76	97.6	NO	105.034	NO
40	PFDoS	699 > 80	3687.904	25962.428	1.00	6.13	1.776	10.000	10.5	104.7	NO	2.155	NO
41	PFTeDA	713.0 > 669.0	13812.751	25962.428	1.00	6.30	6.650	10.000	10.0	100.0	NO	14.085	NO
85	13C2-10:2 FTS-EIS	632.9 > 80.0	1280.409		1.00	5.86	1280.409	12.500	11.8	94.3	NO		

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Name: 200706P1-86, Date: 07-Jul-2020, Time: 01:21:30, ID: ST200706P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

83	13C2-PFDoA-EIS	614.9 > 569.9	24630.037		1.00	5.87	24630.037	12.500	13.2	105.5	NO		
87	d3-N-MeFOSA-EIS	515.2 > 168.9	21651.443		1.00	5.82	21651.443	149.200	156	104.9	NO		
83	13C2-PFDoA-EIS	614.9 > 569.9	24630.037		1.00	5.87	24630.037	12.500	13.2	105.5	NO		
89	13C2-PFTeDA-EIS	715.1 > 669.7	25962.428		1.00	6.30	25962.428	12.500	13.6	109.0	NO		
89	13C2-PFTeDA-EIS	715.1 > 669.7	25962.428		1.00	6.30	25962.428	12.500	13.6	109.0	NO		
-1													
42	N-EtFOSA	526.1 > 168.9	9633.479	24349.213	1.00	6.18	59.029	50.000	51.0	102.0	NO	1.885	NO
43	PFHxDA	813 > 769	22910.605	27385.525	1.00	6.60	10.457	10.000	9.99	99.9	NO	31.485	NO
44	PFODA	913.1 > 868.8	18258.713	27385.525	1.00	6.82	8.334	10.000	10.1	100.5	NO		
45	N-MeFOSE	616.1 > 58.9	8344.444	21593.662	1.00	6.34	57.655	50.000	52.1	104.1	NO		
46	N-EtFOSE	630.1 > 58.9	8719.553	24581.465	1.00	6.48	52.924	50.000	52.3	104.7	NO		
48	13C3-PFBA-RSD	216.1 > 171.8	9892.487	11238.867	1.00	1.59	11.003	12.500	12.9	103.0	NO		
91	d5-N-ETFOSA-EIS	531.1 > 168.9	24349.213		1.00	6.20	24349.213	149.200	157	105.1	NO		
93	13C2-PFHxDA-EIS	815 > 769.7	27385.525		1.00	6.60	27385.525	12.500	13.0	103.9	NO		
93	13C2-PFHxDA-EIS	815 > 769.7	27385.525		1.00	6.60	27385.525	12.500	13.0	103.9	NO		
95	d7-N-MeFOSE-EIS	623.1 > 58.9	21593.662		1.00	6.33	21593.662	149.200	160	107.4	NO		
97	d9-N-EtFOSE-EIS	639.2 > 58.8	24581.465		1.00	6.47	24581.465	149.200	165	110.8	NO		
50	13C3-PFPeA-RSD	266.0 > 221.8	13381.576	17164.744	1.00	2.56	9.745	12.500	13.0	103.7	NO		
-1													
52	13C3-PFBS-RSD	302.0 > 98.9	1420.443	1200.018	1.00	2.83	14.796	12.500	12.1	96.5	NO		
54	13C3-HFPO-DA-RSD	287.0 > 168.9	3311.575	17164.744	1.00	3.56	2.412	12.500	12.7	102.0	NO		
56	13C2-4:2 FTS-RSD	329.0 >80.8	1411.195	1200.018	1.00	3.27	14.700	12.500	13.0	103.9	NO		
58	13C2-PFHxA-RSD	315.0 > 270.0	15239.348	17164.744	1.00	3.36	11.098	12.500	12.6	101.0	NO		
60	13C4-PFHpA-RSD	367.2 > 321.8	13732.129	17164.744	1.00	3.95	10.000	12.500	13.2	105.4	NO		
62	13C3-PFHxS-RSD	402 > 80	3014.230	1200.018	1.00	4.09	31.398	12.500	12.7	102.0	NO		
64	13C2-6:2 FTS-RSD	429.0 >79.7	1683.979	3957.362	1.00	4.42	5.319	12.500	11.3	90.0	NO		
66	13C5-PFNA-RSD	468.2 > 422.9	16216.514	17218.779	1.00	4.91	11.772	12.500	12.5	100.1	NO		
68	13C8-PFOSA-RSD	506 > 78	7232.877	15730.013	1.00	4.95	5.748	12.500	11.8	94.6	NO		
70	13C2-PFOA-RSD	414.9 > 369.7	15354.034	13799.440	1.00	4.47	13.908	12.500	12.7	101.7	NO		
72	13C8-PFOS-RSD	507.1 > 80	3196.746	3957.362	1.00	4.98	10.097	12.500	11.5	92.4	NO		
74	13C2-PFDA-RSD	515.1 > 469.9	18910.674	15537.169	1.00	5.28	15.214	12.500	12.1	97.1	NO		
-1													
76	13C2-8:2 FTS-RSD	529 > 80	1476.358	3957.362	1.00	5.25	4.663	12.500	10.2	81.7	NO		
78	d3-N-MeFOSAA-RSD	573.1 > 419	4513.071	15730.013	1.00	5.42	3.586	12.500	12.2	97.9	NO		
80	13C2-PFUdA-RSD	565 > 519.8	19072.004	15730.013	1.00	5.59	15.156	12.500	11.7	93.6	NO		
82	d5-N-EtFOSAA-RSD	589.3 > 419	4328.769	15730.013	1.00	5.57	3.440	12.500	12.2	97.3	NO		

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Name: 200706P1-86, Date: 07-Jul-2020, Time: 01:21:30, ID: ST200706P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

84	13C2-PFDoA-RSD	614.9 > 569.9	24630.037	15537.169	1.00	5.87	19.815	12.500	12.8	102.3	NO
86	13C2-10:2 FTS-RSD	632.9 > 80.0	1280.409	3957.362	1.00	5.86	4.044	12.500	10.5	84.3	NO
88	d3-N-MeFOSA-RSD	515.2 > 168.9	21651.443	15730.013	1.00	5.82	17.206	149.200	149	99.6	NO
90	13C2-PFTeDA-RSD	715.1 > 669.7	25962.428	15730.013	1.00	6.30	20.631	12.500	12.6	101.1	NO
92	d5-N-ETFOSA-RSD	531.1 > 168.9	24349.213	15730.013	1.00	6.20	19.349	149.200	148	99.5	NO
94	13C2-PFHxDA-RSD	815 > 769.7	27385.525	15730.013	1.00	6.60	21.762	12.500	12.3	98.0	NO
96	d7-N-MeFOSE-RSD	623.1 > 58.9	21810.803	15730.013	1.00	6.33	17.332	149.200	146	97.6	NO
98	d9-N-EtFOSE-RSD	639.2 > 58.8	24850.760	15730.013	1.00	6.47	19.748	149.200	150	100.5	NO
-1											
99	13C4-PFBA	217.0 > 172.0	11238.867	11238.867	1.00	1.59	12.500	12.500	12.5	100.0	NO
1...	13C5-PFHxA	318.0 > 272.9	17164.744	17164.744	1.00	3.36	12.500	12.500	12.5	100.0	NO
1...	13C8-PFOA	420.9 > 376.0	13799.440	13799.440	1.00	4.47	12.500	12.500	12.5	100.0	NO
1...	18O2-PFHxS	403.0 > 103	1200.018	1200.018	1.00	4.09	12.500	12.500	12.5	100.0	NO
1...	13C9-PFNA	472.2 > 426.9	17218.779	17218.779	1.00	4.91	12.500	12.500	12.5	100.0	NO
1...	13C4-PFOS	503 > 79.7	3957.362	3957.362	1.00	4.99	12.500	12.500	12.5	100.0	NO
1...	13C6-PFDA	519.1 > 473.7	15537.169	15537.169	1.00	5.28	12.500	12.500	12.5	100.0	NO
1...	13C7-PFUdA	570.1 > 524.8	15730.013	15730.013	1.00	5.59	12.500	12.500	12.5	100.0	NO

Vista Analytical Laboratory

Dataset: Untitled

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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_070620.mdb 07 Jul 2020 08:33:50
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_07-06-20.cdb 07 Jul 2020 09:00:31

Compound name: PFBA

			Acq.Date	Acq.Time
1	200706P1-19	ST200706P1-1 PFC CS-2 20F1901	06-Jul-20	13:13:57
2	200706P1-20	ST200706P1-2 PFC CS-1 20F1902	06-Jul-20	13:24:27
3	200706P1-21	ST200706P1-3 PFC CS0 20F1903	06-Jul-20	13:34:57
4	200706P1-22	ST200706P1-4 PFC CS1 20F1904	06-Jul-20	13:45:26
5	200706P1-23	ST200706P1-5 PFC CS2 20F1905	06-Jul-20	13:55:58
6	200706P1-24	ST200706P1-6 PFC CS3 20F1906	06-Jul-20	14:06:27
7	200706P1-25	ST200706P1-7 PFC CS4 20F1907	06-Jul-20	14:16:59
8	200706P1-26	ST200706P1-8 PFC CS5 20F1908	06-Jul-20	14:27:27
9	200706P1-27	ST200706P1-9 PFC CS6 20F1909	06-Jul-20	14:37:59
10	200706P1-28	ST200706P1-10 PFC CS7 20F1910	06-Jul-20	14:48:28
11	200706P1-29	IB	06-Jul-20	14:58:58
12	200706P1-30	ICV200706P1-1 PFC ICV 20F1911	06-Jul-20	15:09:30
13	200706P1-31	IB	06-Jul-20	15:19:59
14	200706P1-32	B0F0205-BS1 OPR 0.25	06-Jul-20	15:30:30
15	200706P1-33	2001315-06 24-GW-24NEW4-20200618 0.25948	06-Jul-20	15:41:01
16	200706P1-34	2001315-08 24-GW-08DGMW73-20200618 0.25501	06-Jul-20	15:51:31
17	200706P1-35	2001345-06@5X Septic Receiving 0.11338	06-Jul-20	16:02:00
18	200706P1-36	IB	06-Jul-20	16:12:35
19	200706P1-37	2001315-06 24-GW-24NEW4-20200618 0.25948	06-Jul-20	16:46:41
20	200706P1-38	2001315-08 24-GW-08DGMW73-20200618 0.25501	06-Jul-20	16:57:15
21	200706P1-39	2001326-01 REEPEF2658FS 0.11212	06-Jul-20	17:07:46
22	200706P1-40	B0G0023-BLK1 Method Blank 0.01	06-Jul-20	17:18:14
23	200706P1-41	B0G0023-BS1 OPR 0.01	06-Jul-20	17:28:46
24	200706P1-42	B0G0023-BSD1 LCSD 0.01	06-Jul-20	17:39:17
25	200706P1-43	2001353-01RE1 CAVERLY 0.01	06-Jul-20	17:49:46
26	200706P1-44	2001353-02RE1 SOMERSET FARMS 0.01	06-Jul-20	18:00:17
27	200706P1-45	2001353-03 TOZIER 0.01	06-Jul-20	18:10:46
28	200706P1-46	2001353-04RE1 TOZIER (2 vials-same) 0.01	06-Jul-20	18:21:18
29	200706P1-47	IB	06-Jul-20	18:31:47
30	200706P1-48	ST200706P1-11 PFC CS3 20F1906	06-Jul-20	18:42:17
31	200706P1-49	IB	06-Jul-20	18:52:49
32	200706P1-50	B0F0257-BLK1 Method Blank 0.25	06-Jul-20	19:03:20

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Compound name: PFBA

33	200706P1-51	B0F0257-BS1 OPR 0.25	06-Jul-20	19:13:50
34	200706P1-52	B0F0257-BSD1 LCSD 0.25	06-Jul-20	19:24:18
35	200706P1-53	B0F0257-MS1 Matrix Spike 0.2511	06-Jul-20	19:34:50
36	200706P1-54	B0F0257-MSD1 Matrix Spike Dup 0.24211	06-Jul-20	19:45:19
37	200706P1-55	2001356-01 ET-LW02-2020 0.25782	06-Jul-20	19:55:51
38	200706P1-56	IB	06-Jul-20	20:06:19
39	200706P1-57	2001357-01 SB01-20200624 0.24654	06-Jul-20	20:16:52
40	200706P1-58	2001357-02 EB01-20200624 0.24804	06-Jul-20	20:27:21
41	200706P1-59	2001357-03 I006MW065-20200624 0.25563	06-Jul-20	20:37:52
42	200706P1-60	IB	06-Jul-20	20:48:23
43	200706P1-61	2001357-04 DUP01-20200624 0.25403	06-Jul-20	20:58:53
44	200706P1-62	IB	06-Jul-20	21:09:22
45	200706P1-63	2001358-01 EB02-20200624 0.24128	06-Jul-20	21:19:52
46	200706P1-64	2001358-02 24-GW-24MW06-20200624 0.26389	06-Jul-20	21:30:23
47	200706P1-65	2001358-03 DUP01-20200624 0.26301	06-Jul-20	21:40:52
48	200706P1-66	2001358-04 24-GW-24MW10D-20200624 0.25918	06-Jul-20	21:51:24
49	200706P1-67	2001358-05 DUP02-20200624 0.2559	06-Jul-20	22:01:54
50	200706P1-68	2001358-06 24-GW-24MW10C-20200624 0.25497	06-Jul-20	22:12:25
51	200706P1-69	2001358-07 24-GW-24MW07R-20200624 0.25444	06-Jul-20	22:22:53
52	200706P1-70	B0F0172-BLK1 Method Blank 0.25	06-Jul-20	22:33:25
53	200706P1-71	B0F0172-BS1 OPR 0.25	06-Jul-20	22:43:54
54	200706P1-72	2001276-01 Equipment Blank-1 0.22934	06-Jul-20	22:54:26
55	200706P1-73	ST200706P1-12 PFC CS3 20F1906	06-Jul-20	23:04:55
56	200706P1-74	IB	06-Jul-20	23:15:27
57	200706P1-75	2001276-02 MW-20-01 0.25109	06-Jul-20	23:25:56
58	200706P1-76	2001276-03 Field Blank 0.24862	06-Jul-20	23:36:27
59	200706P1-77	2001276-04 MW-20-02 0.26126	06-Jul-20	23:46:56
60	200706P1-78	2001276-05 MW-20-03 0.24623	06-Jul-20	23:57:28
61	200706P1-79	2001276-06 Equipment Blank-2 0.24081	07-Jul-20	00:07:57
62	200706P1-80	2001276-07 Duplicate-1 0.24702	07-Jul-20	00:18:27
63	200706P1-81	B0F0088-BLK1 Method Blank 5	07-Jul-20	00:28:59
64	200706P1-82	B0F0088-BS1 OPR 5	07-Jul-20	00:39:27
65	200706P1-83	B0F0088-BSD1 LCSD 5	07-Jul-20	00:50:00
66	200706P1-84	2001248-01 05082020 B 5	07-Jul-20	01:00:28
67	200706P1-85	2001250-01 05082020 A 5	07-Jul-20	01:10:58
68	200706P1-86	ST200706P1-13 PFC CS3 20F1906	07-Jul-20	01:21:30

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Compound name: PFBA

69	200706P1-87	IB	07-Jul-20	01:31:59
70	200706P1-88	2001251-01 05082020 C 5	07-Jul-20	01:42:31
71	200706P1-89	2001252-01 05082020 E 2.5	07-Jul-20	01:53:00
72	200706P1-90	2001351-01 05082020AY 2.5	07-Jul-20	02:03:30
73	200706P1-91	2001375-01 05082020AF 3	07-Jul-20	02:14:01
74	200706P1-92	2001376-01 05082020T 2.5	07-Jul-20	02:24:33
75	200706P1-93	2001383-01 05082020AQ 3	07-Jul-20	02:35:01
76	200706P1-94	2001384-01 05082020AG 2.5	07-Jul-20	02:45:33
77	200706P1-95	2001391-01 05082020J 2.5	07-Jul-20	02:56:03
78	200706P1-96	2001392-01 05082020R 3	07-Jul-20	03:06:32
79	200706P1-97	2001393-01 05082020G 2.5	07-Jul-20	03:17:04
80	200706P1-98	ST200706P1-14 PFC CS3 20F1906	07-Jul-20	03:27:34
81	200706P1-99	IB	07-Jul-20	03:38:03
82	200706P1-100	2001402-01 06122020A 5	07-Jul-20	03:48:35
83	200706P1-101	2001403-01 05082020AN 2.5	07-Jul-20	03:59:04
84	200706P1-102	2001302-01@5X OP-1 0.03392	07-Jul-20	04:09:35
85	200706P1-103	2001302-02@5X QP-2 0.03359	07-Jul-20	04:20:04
86	200706P1-104	2001302-03@5X OP-3 0.0336	07-Jul-20	04:30:36
87	200706P1-105	2001302-04@5X OP-4 0.03354	07-Jul-20	04:41:05
88	200706P1-106	2001302-05@5X OP-5 0.03336	07-Jul-20	04:51:36
89	200706P1-107	2001302-06@5X OP-6 0.03266	07-Jul-20	05:02:06
90	200706P1-108	2001302-07@5X OP-7 0.03389	07-Jul-20	05:12:35
91	200706P1-109	2001302-08@5X OP-8 0.03326	07-Jul-20	05:23:07
92	200706P1-110	ST200706P1-15 PFC CS3 20F1906	07-Jul-20	05:33:36
93	200706P1-111	IB	07-Jul-20	05:44:07
94	200706P1-112	2001302-09@5X OP-9 0.03376	07-Jul-20	05:54:38
95	200706P1-113	2001302-10@5X OP-10 0.03297	07-Jul-20	06:05:07
96	200706P1-114	2001302-11@5X OP-11 0.03382	07-Jul-20	06:15:39
97	200706P1-115	2001302-12@5X OP-12 0.03372	07-Jul-20	06:26:08
98	200706P1-116	2001302-13@5X OP-13 0.03255	07-Jul-20	06:36:39
99	200706P1-117	2001302-14@5X OP-14 0.03286	07-Jul-20	06:47:10
100	200706P1-118	2001302-15@5X OP-15 0.03232	07-Jul-20	06:57:39
101	200706P1-119	2001302-16@5X OP-16 0.03366	07-Jul-20	07:08:11
102	200706P1-120	2001302-17@5X OP-17 0.03283	07-Jul-20	07:18:40
103	200706P1-121	2001302-18@5X OP-18 0.03296	07-Jul-20	07:29:10
104	200706P1-122	ST200706P1-16 PFC CS3 20F1906	07-Jul-20	07:39:40

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-86.qld

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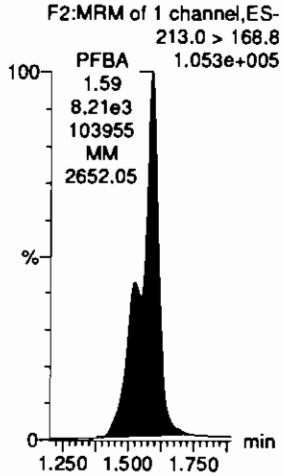
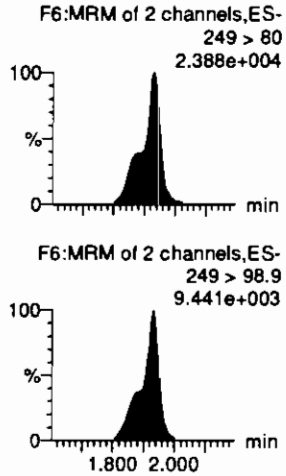
Name: 200706P1-86, Date: 07-Jul-2020, Time: 01:21:30, ID: ST200706P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

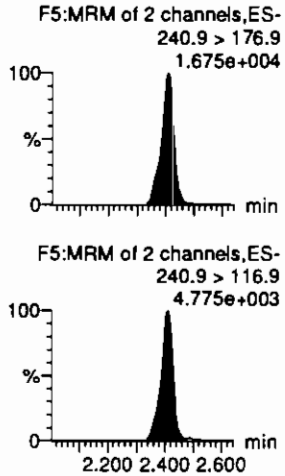
PFBA



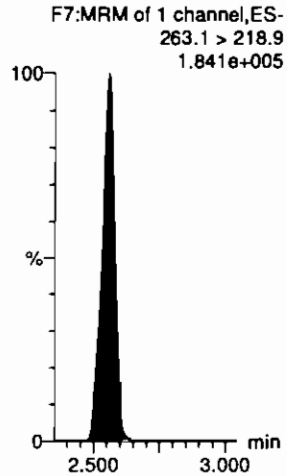
PFPrS



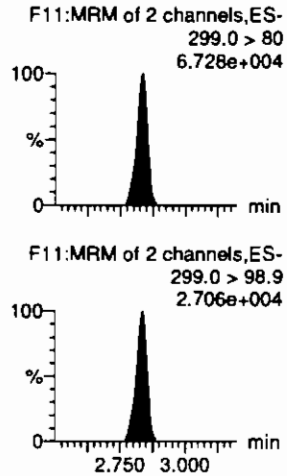
3:3 FTCA



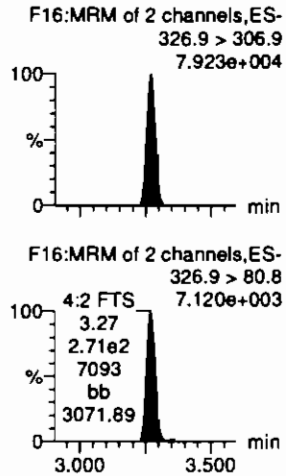
PFPeA



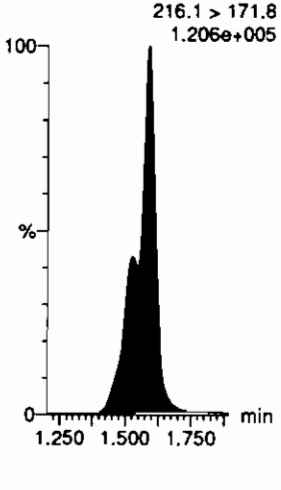
PFBS



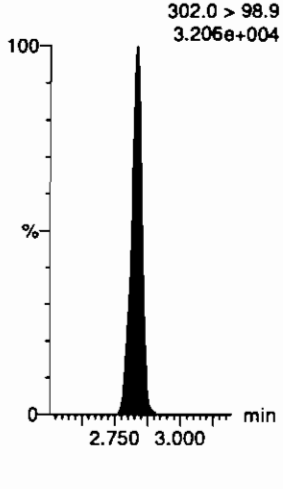
4:2 FTS



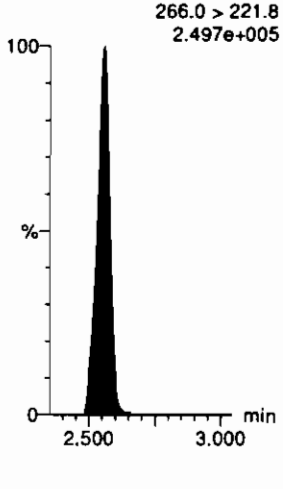
13C3-PFBA-EIS



13C3-PFBS-EIS



13C3-PFPeA-EIS



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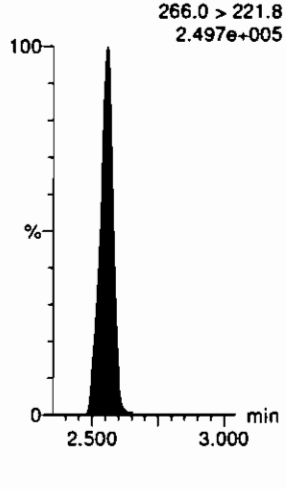

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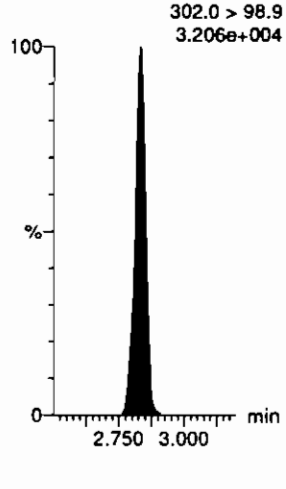
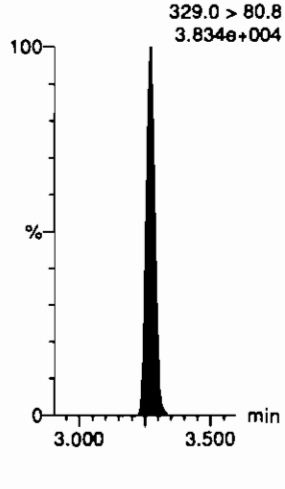


13C2-4:2 FTS-EIS



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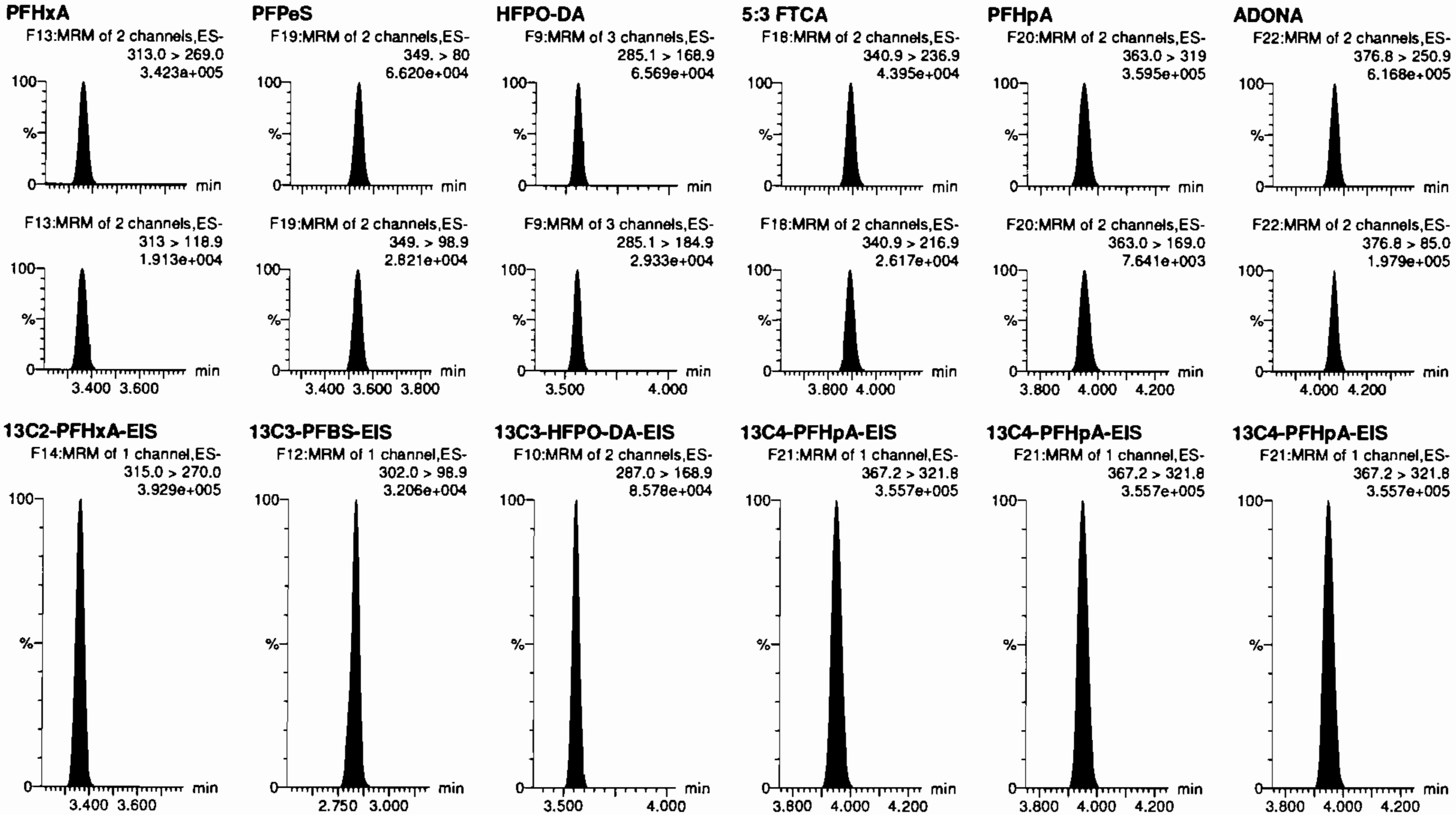

OPV 7/7/2020

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-86.qld

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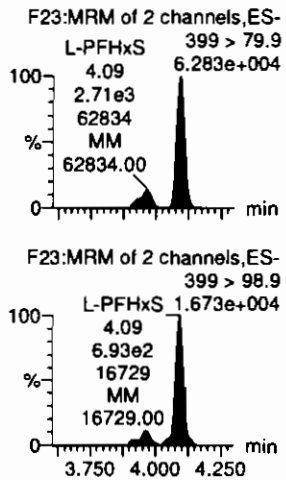
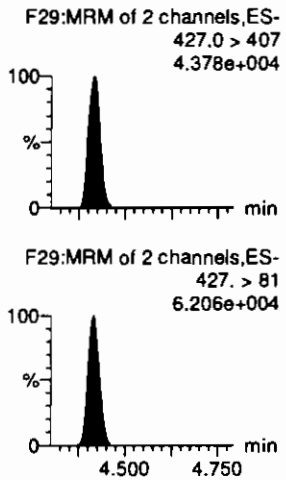
Printed: Tuesday, July 07, 2020 10:36:49 Pacific Daylight Time

Name: 200706P1-86, Date: 07-Jul-2020, Time: 01:21:30, ID: ST200706P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

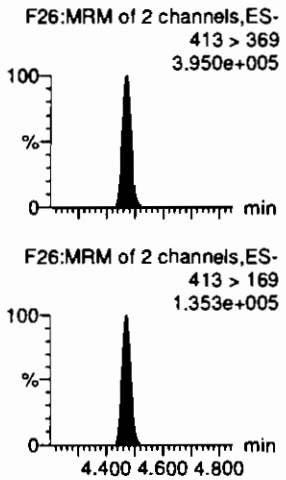
L-PFHxS



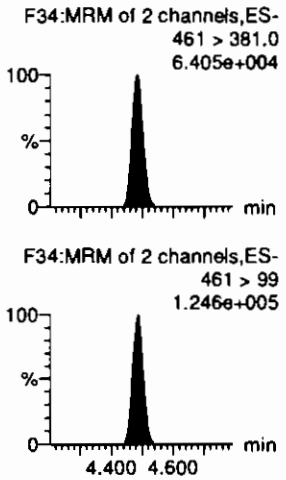
6:2 FTS



L-PFOA



PFEChS



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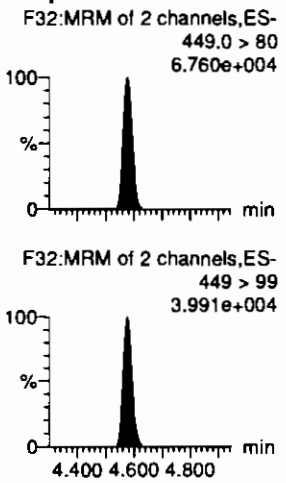
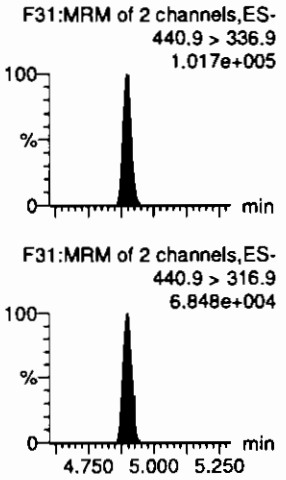
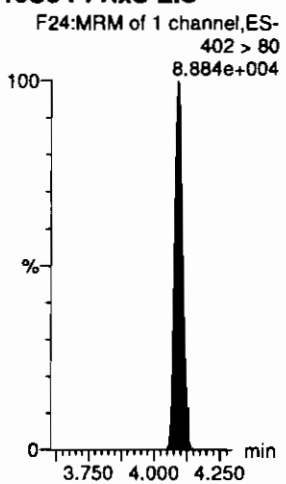


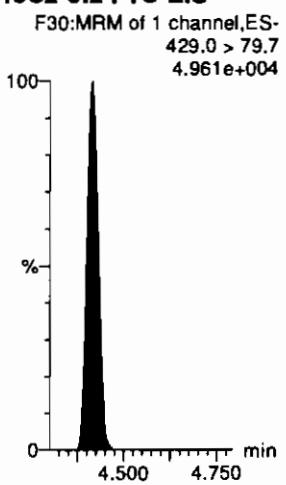
7:3 FTCA



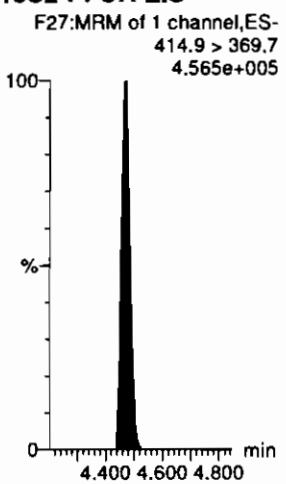
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS

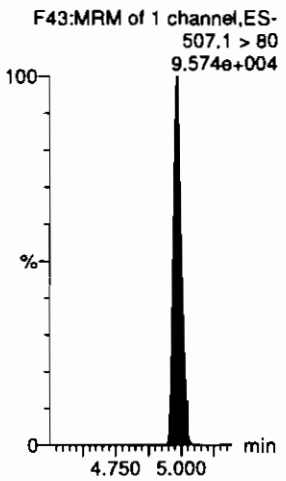


13C2-PFOA-EIS

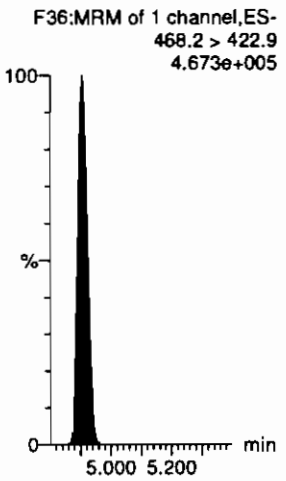


13C2-PFOA-EIS

13C8-PFOS-EIS



13C5-PFNA-EIS



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Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-86.qld

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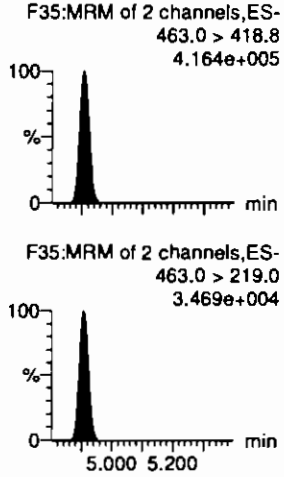
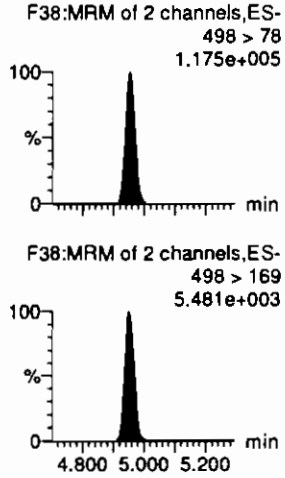
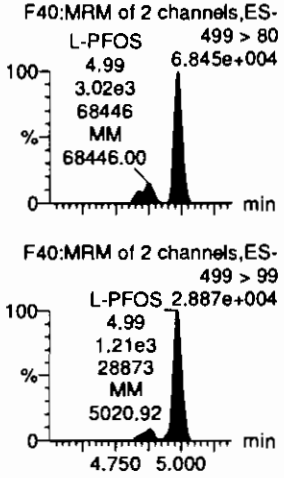


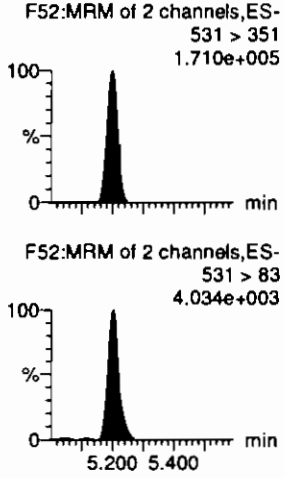
PFOSA



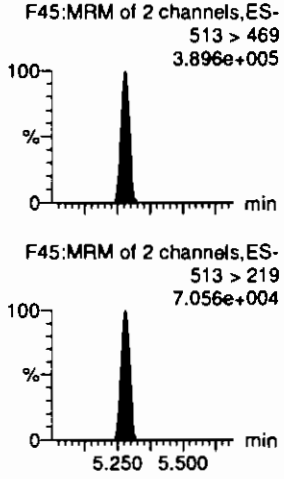
L-PFOS



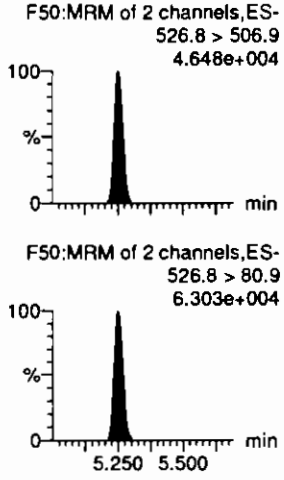
9Cl-PF30NS



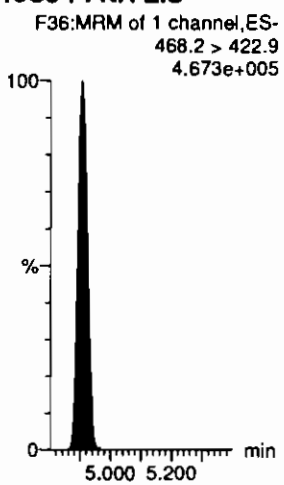
PFDA



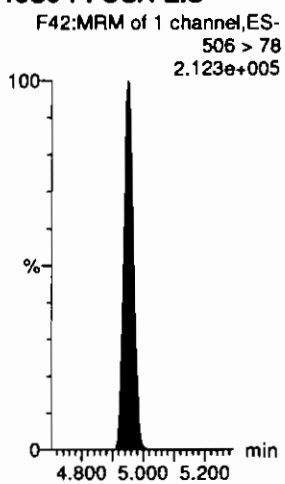
8:2 FTS



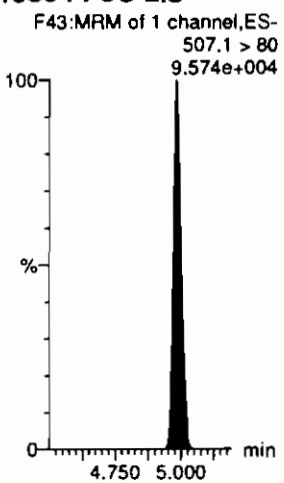
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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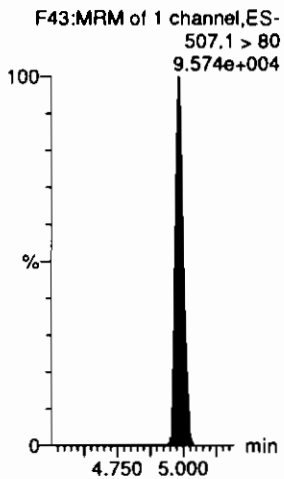
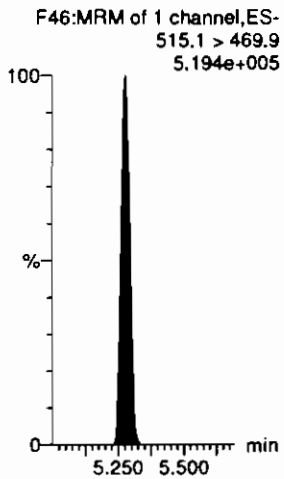
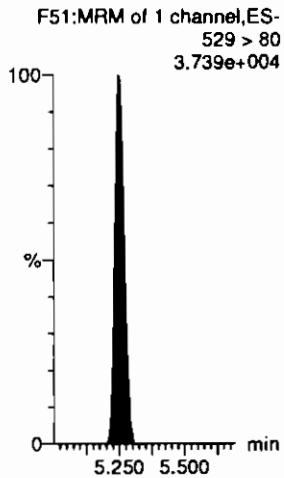


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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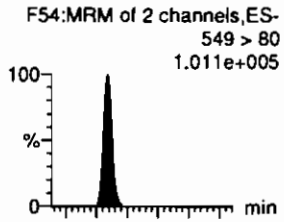
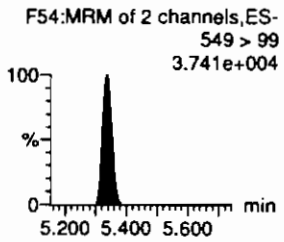
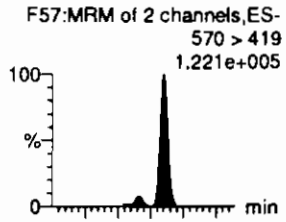
Name: 200706P1-86, Date: 07-Jul-2020, Time: 01:21:30, ID: ST200706P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

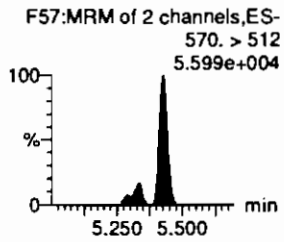
PFNS



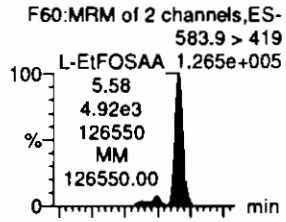


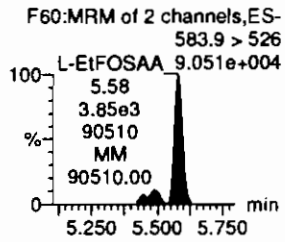
L-MeFOSAA



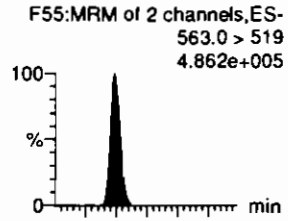


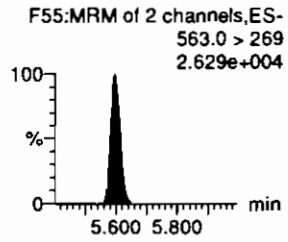
L-EtFOSAA



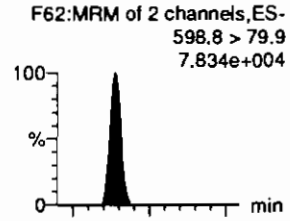


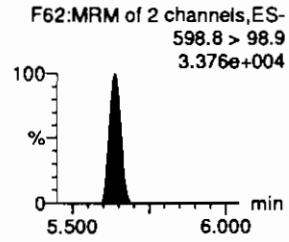
PFUdA





PFDS





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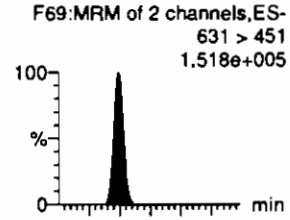
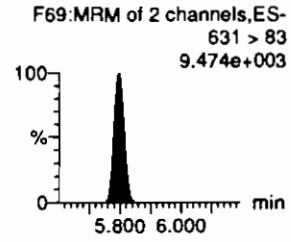
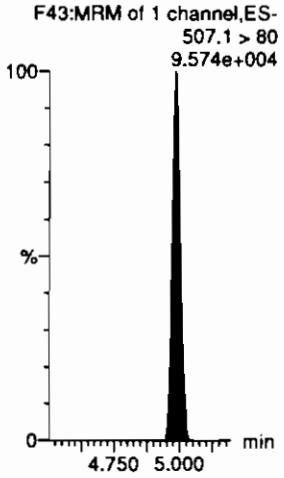
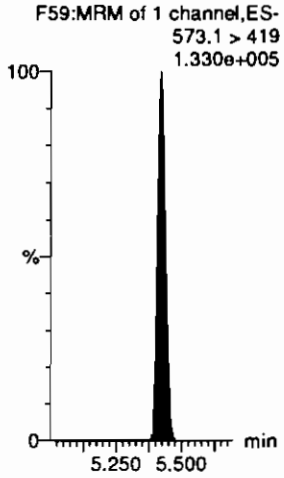




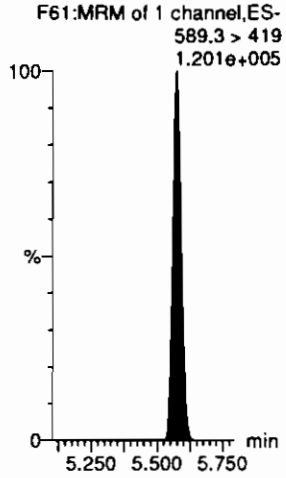
13C8-PFOS-EIS



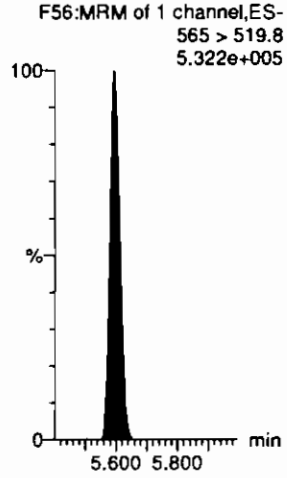
d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



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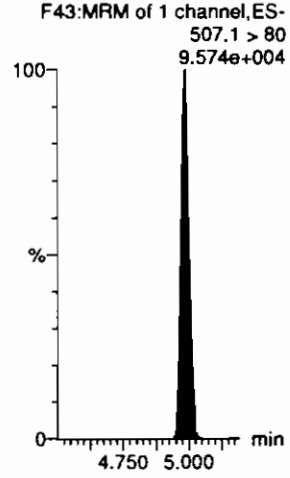
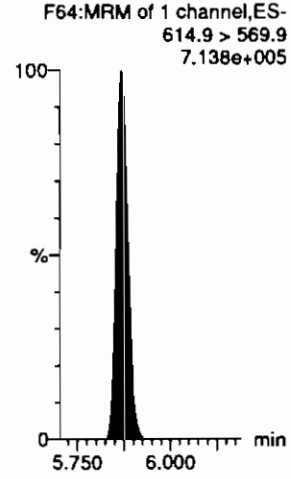


13C2-PFDoA-EIS



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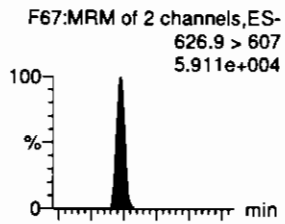
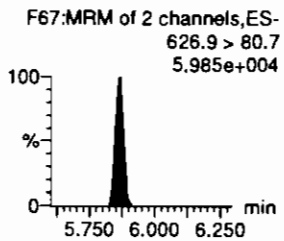
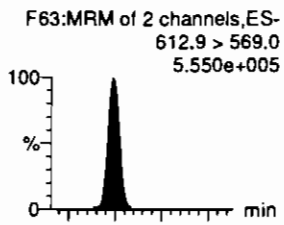
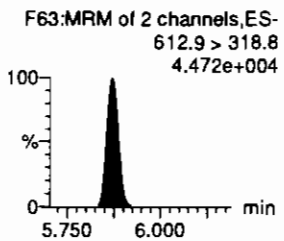
10:2 FTS



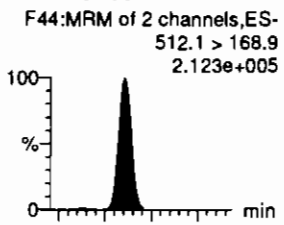


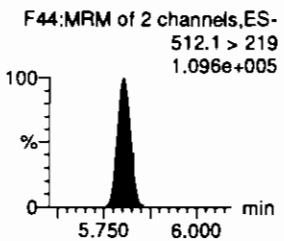
PFDoA



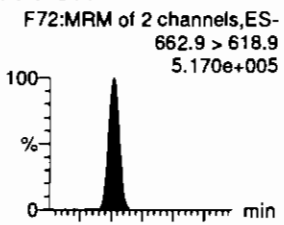


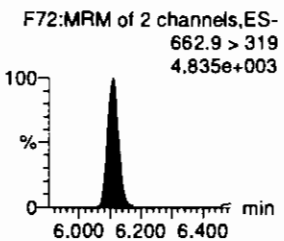
N-MeFOSA



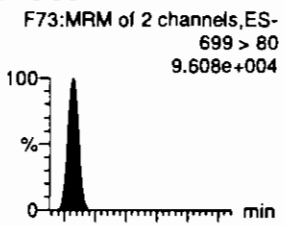


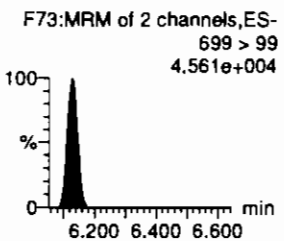
PFTrDA



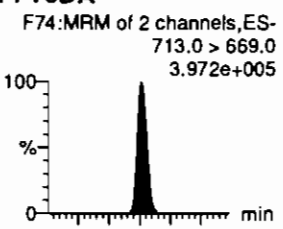


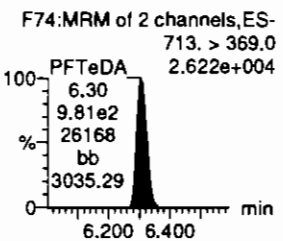
PFDoS



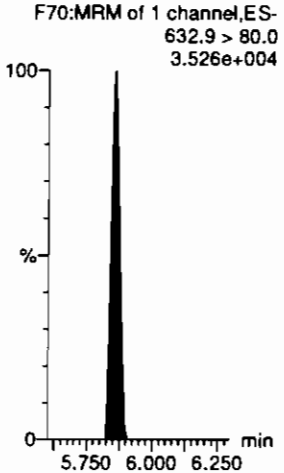


PFTeDA

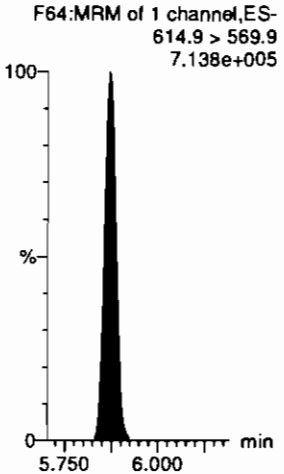




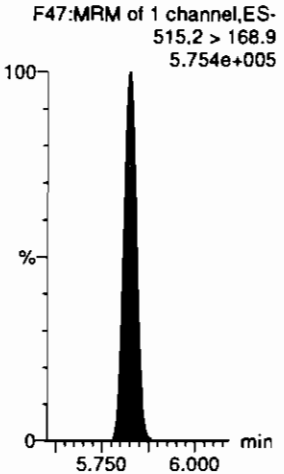
13C2-10:2 FTS-EIS



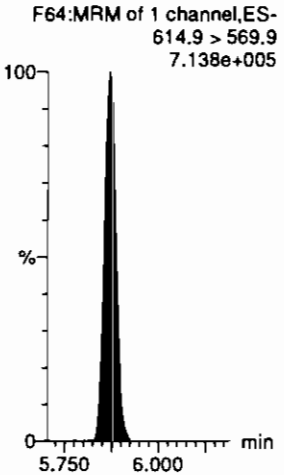
13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



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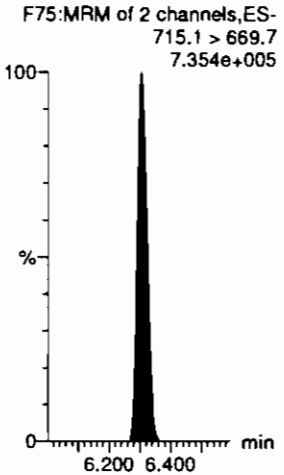
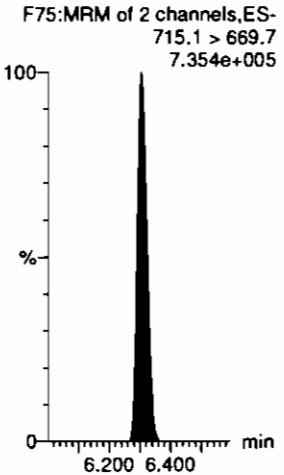


13C2-PFTeDA-EIS



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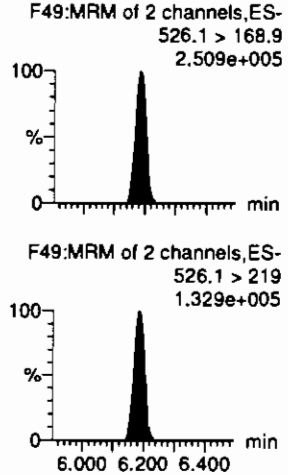
N-EtFOSA



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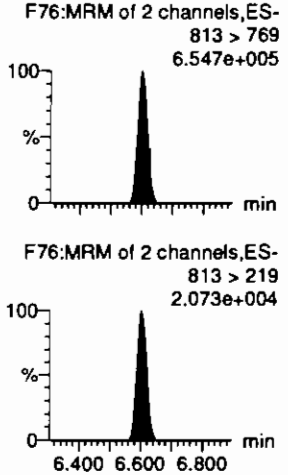
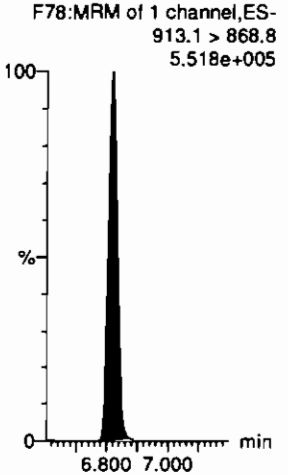
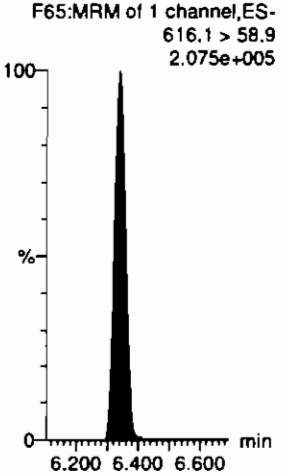


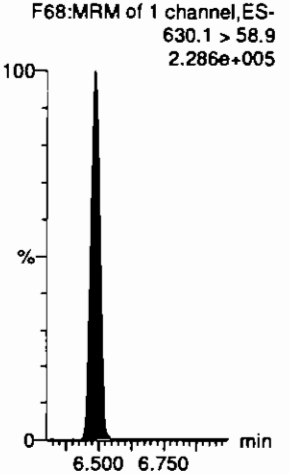
PFODA



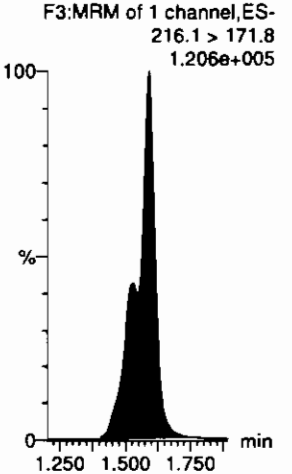
N-MeFOSE



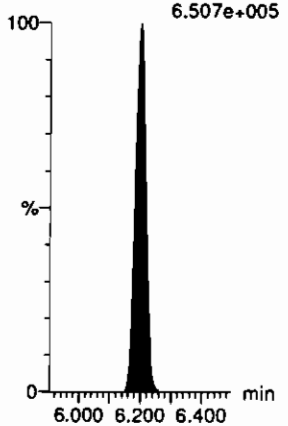
N-EtFOSE



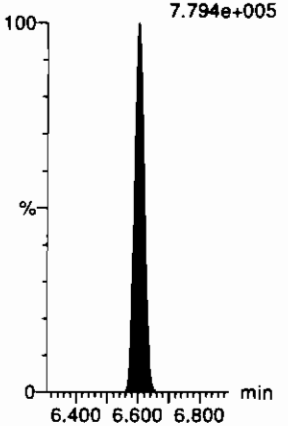
13C3-PFBA-RSD



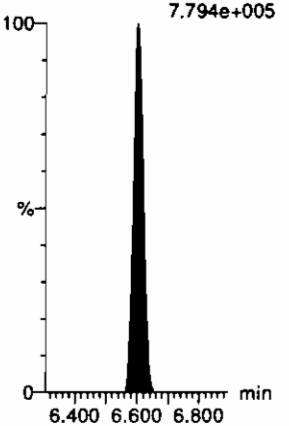
d5-N-ETFOSA-EIS



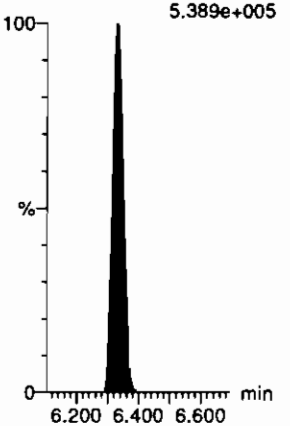
13C2-PFHxDA-EIS



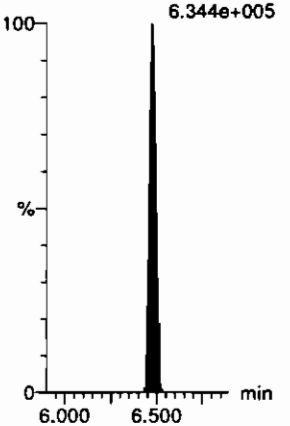
13C2-PFHxDA-EIS



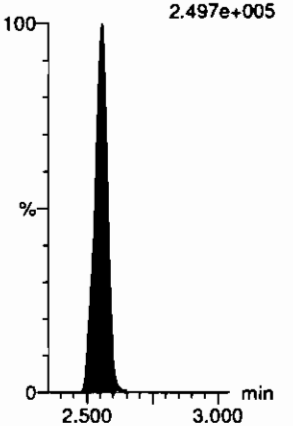
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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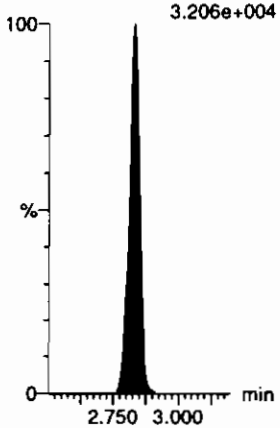
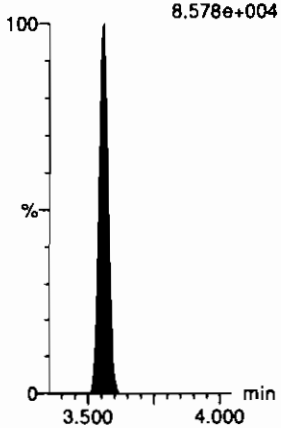
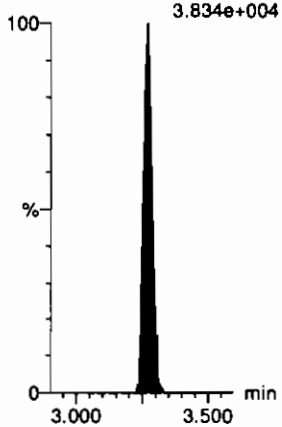
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
3.206e+004



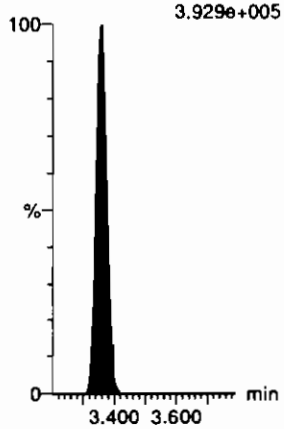
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
8.578e+004



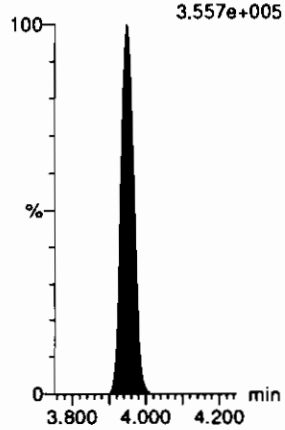
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.834e+004



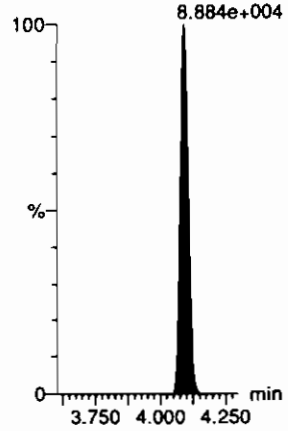
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.929e+005



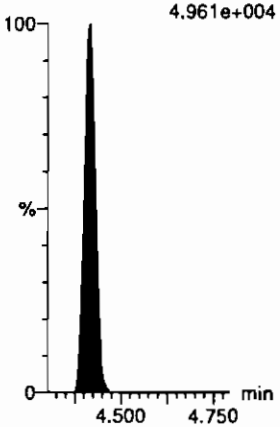
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.557e+005



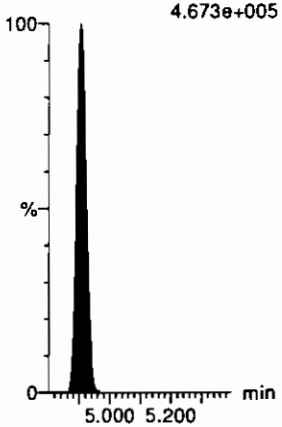
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
8.884e+004



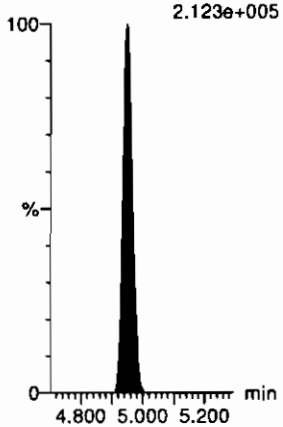
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.961e+004



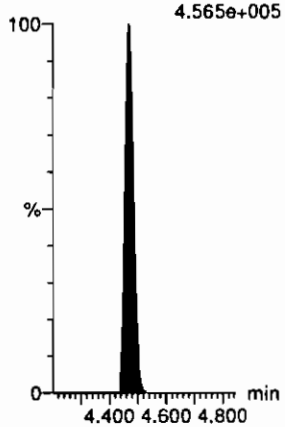
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.673e+005



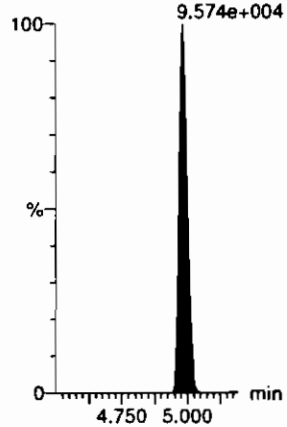
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
2.123e+005



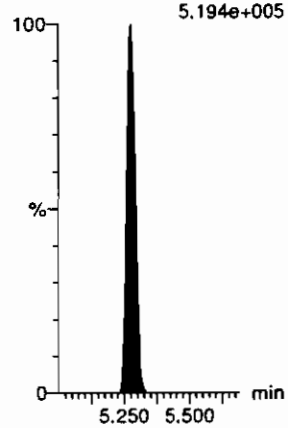
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.565e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
9.574e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.194e+005



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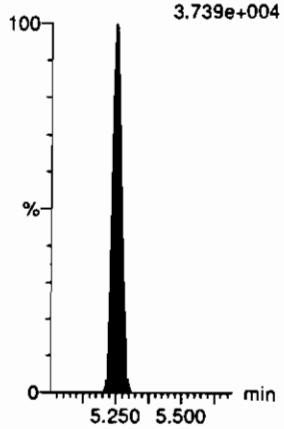
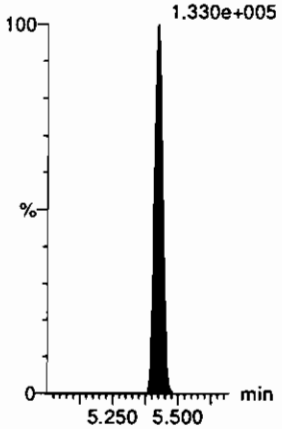
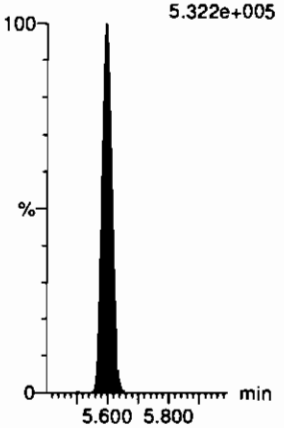
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
3.739e+004



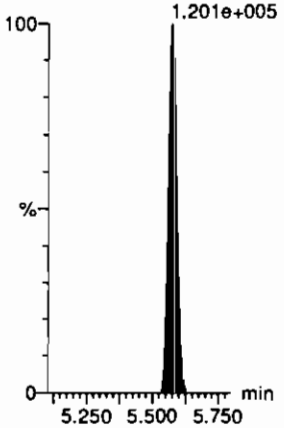
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.330e+005



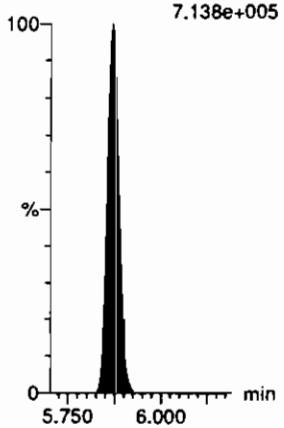
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.322e+005



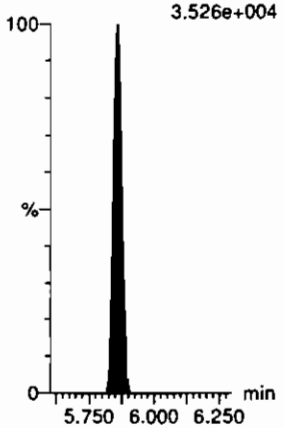
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.201e+005



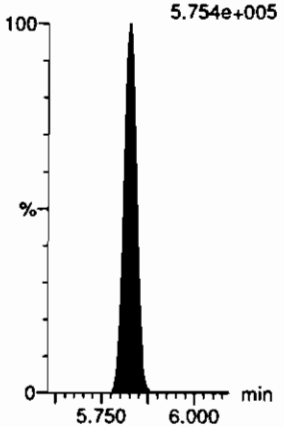
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
7.138e+005



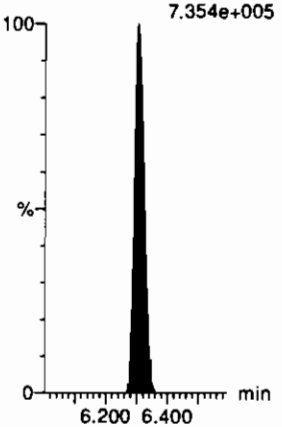
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
3.526e+004



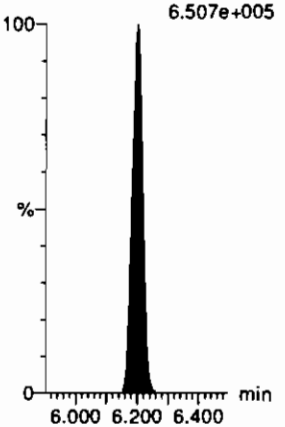
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.754e+005



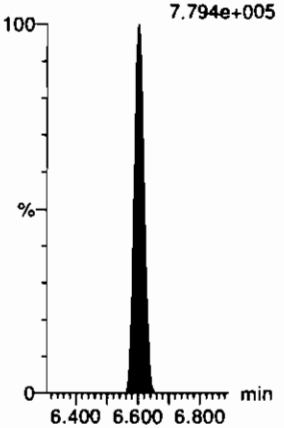
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
7.354e+005



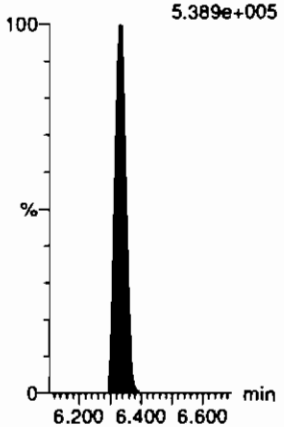
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.507e+005



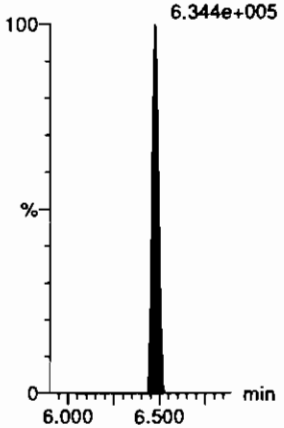
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.794e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
5.389e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
6.344e+005



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-86.qld

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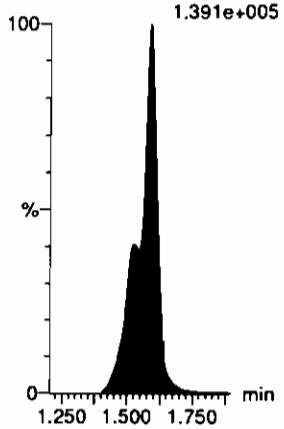
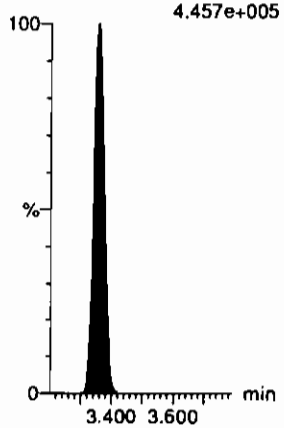
Name: 200706P1-86, Date: 07-Jul-2020, Time: 01:21:30, ID: ST200706P1-13 PFC CS3 20F1906, Description: PFC CS3 20F1906

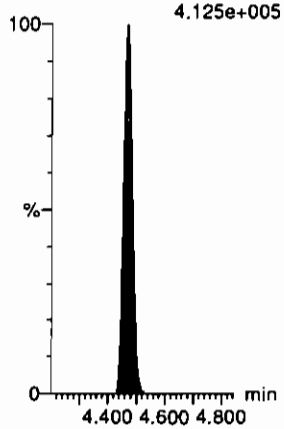
13C4-PFBA



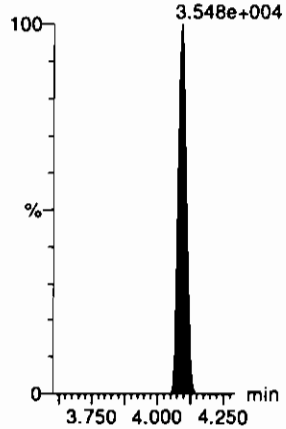
13C5-PFHxA



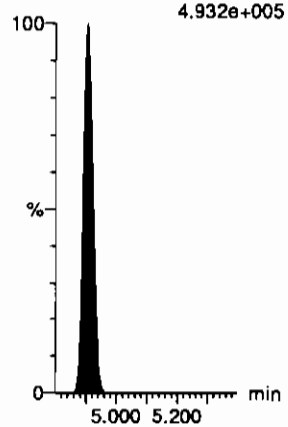
13C8-PFOA



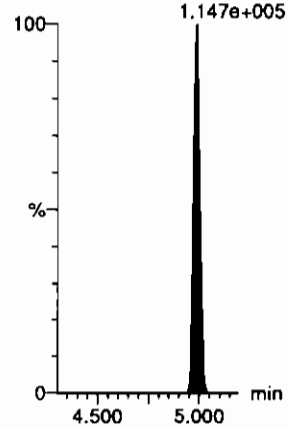
18O2-PFHxS



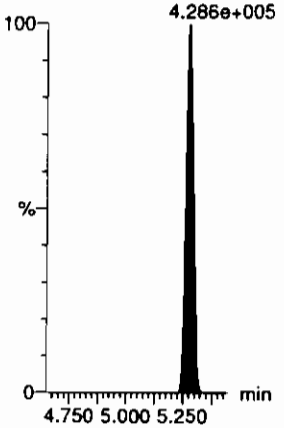
13C9-PFNA



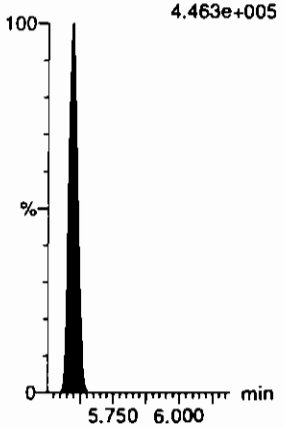
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-72.qld

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√ opv 07/09/20

Name: 200708M1_72, Date: 09-Jul-2020, Time: 03:11:27, ID: ST200708M1-14 PFC CS0 20F1903, Description: PFC CS0 20F1903

1	PFBA	213.0 > 169.0	458.279	4498.090	1.00	1.33	1.274	1.000	0.998	99.8	NO		
2	PFPrS	248.9 > 79.9	227.999	1570.887	1.00	1.66	1.814	1.000	1.08	107.7	NO	2.779	NO
3	3:3 FTCA	241.1 > 177.0	36.034	7073.232	1.00	2.14	0.064	1.000	0.955	95.5	NO	1.662	NO
4	PFPeA	263.1 > 218.9	525.329	7073.232	1.00	2.29	0.928	1.000	0.964	96.4	NO		
5	PFBS	299.0 > 79.7	250.559	1570.887	1.00	2.57	1.994	1.000	1.01	101.1	NO	2.438	NO
6	4:2 FTS	327.0 > 306.9	578.700	2842.311	1.00	3.02	2.545	1.000	1.01	100.5	NO	2.384	NO
47	13C3-PFBA-EIS	216.1 > 171.8	4498.090		1.00	1.33	4498.090	12.500	13.6	108.9	NO		
51	13C3-PFBS-EIS	302.0 > 99	1570.887		1.00	2.58	1570.887	12.500	12.5	99.9	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	7073.232		1.00	2.29	7073.232	12.500	14.5	115.7	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	7073.232		1.00	2.29	7073.232	12.500	14.5	115.7	NO		
51	13C3-PFBS-EIS	302.0 > 99	1570.887		1.00	2.58	1570.887	12.500	12.5	99.9	NO		
55	13C2-4:2 FTS-EIS	329.0 >79.9	2842.311		1.00	3.02	2842.311	12.500	13.6	108.8	NO		
-1													
7	PFHxA	313.0 > 269.0	1209.193	12260.382	1.00	3.11	1.233	1.000	1.06	106.1	NO	19.732	NO
8	PFPeS	349.0 > 80.0	295.949	1570.887	1.00	3.32	2.355	1.000	1.11	110.8	NO	1.504	NO
9	HFPO-DA	285.1 > 168.9	75.850	897.041	1.00	3.33	1.057	1.000	1.25	125.3	NO	3.185	NO
10	5:3 FTCA	340.9 > 236.9	201.371	7127.437	1.00	3.66	0.353	1.000	1.05	104.7	NO	1.437	NO
11	PFHpA	363.0 > 318.9	777.659	7127.437	1.00	3.72	1.364	1.000	1.10	109.8	NO	11.539	NO
12	ADONA	376.8 > 250.9	2977.376	7127.437	1.00	3.83	5.222	1.000	1.04	104.3	NO	3.523	NO
57	13C2-PFHxA-EIS	315.0 > 270.0	12260.382		1.00	3.11	12260.382	12.500	13.0	104.1	NO		
51	13C3-PFBS-EIS	302.0 > 99	1570.887		1.00	2.58	1570.887	12.500	12.5	99.9	NO		
53	13C3-HFPO-DA-EIS	287.0 > 168.9	897.041		1.00	3.33	897.041	12.500	12.3	98.4	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	7127.437		1.00	3.72	7127.437	12.500	12.4	99.4	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	7127.437		1.00	3.72	7127.437	12.500	12.4	99.4	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	7127.437		1.00	3.72	7127.437	12.500	12.4	99.4	NO		
-1													
13	L-PFHxS	399 > 80.0	355.760	3936.465	1.00	3.87	1.130	1.000	1.03	102.7	NO	1.818	NO
15	6:2 FTS	427 > 407.0	506.947	2156.773	1.00	4.18	2.938	1.000	0.984	98.4	NO	1.804	NO
16	L-PFOA	412.8 > 368.9	1899.298	15343.055	1.00	4.24	1.547	1.000	0.988	98.8	NO	4.029	NO
18	PFecHS	460.8 > 381.0	559.419	15343.055	1.00	4.25	0.456	1.000	1.01	100.5	NO	1.010	NO
19	PFHpS	448.9 > 80.0	282.855	4393.771	1.00	4.35	0.805	1.000	0.873	87.3	NO	2.205	NO
20	7:3 FTCA	441.0 > 337.0	346.725	13885.140	1.00	4.66	0.312	1.000	0.971	97.1	NO	1.326	NO
61	13C3-PFHxS-EIS	401.8 > 79.9	3936.465		1.00	3.87	3936.465	12.500	13.6	109.0	NO		
63	13C2-6:2 FTS-EIS	429.0 >79.9	2156.773		1.00	4.18	2156.773	12.500	11.3	90.6	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	15343.055		1.00	4.24	15343.055	12.500	13.5	108.1	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	15343.055		1.00	4.24	15343.055	12.500	13.5	108.1	NO		

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Name: 200708M1_72, Date: 09-Jul-2020, Time: 03:11:27, ID: ST200708M1-14 PFC CS0 20F1903, Description: PFC CS0 20F1903

73 13C8-PFOS-EIS	507.0 > 80	4393.771		1.00	4.76	4393.771	12.500	13.7	109.3	NO		
65 13C5-PFNA-EIS	468.2 > 422.9	13885.140		1.00	4.67	13885.140	12.500	13.7	109.5	NO		
-1												
21 PFNA	463.0 > 418.8	1445.635	13885.140	1.00	4.68	1.301	1.000	1.01	101.2	NO	4.894	NO
22 PFOSA	498.0 > 78.0	392.084	5939.071	1.00	4.72	0.825	1.000	0.843	84.3	NO	47.262	YES
23 L-PFOS	499 > 80	272.585	4393.771	1.00	4.76	0.775	1.000	0.774	77.4	NO	1.430	NO
25 9Cl-PF30NS	531 > 351.0	1246.875	4393.771	1.00	4.98	3.547	1.000	0.909	90.9	NO	16.396	NO
26 PFDA	513 > 468.8	1822.543	14494.913	1.00	5.05	1.572	1.000	1.04	103.6	NO	5.722	NO
27 8:2 FTS	526.9 > 507.0	496.742	2149.024	1.00	5.02	2.889	1.000	1.20	119.5	NO	2.717	YES
65 13C5-PFNA-EIS	468.2 > 422.9	13885.140		1.00	4.67	13885.140	12.500	13.7	109.5	NO		
67 13C8-PFOSA-EIS	506. > 78	5939.071		1.00	4.72	5939.071	12.500	13.2	105.3	NO		
73 13C8-PFOS-EIS	507.0 > 80	4393.771		1.00	4.76	4393.771	12.500	13.7	109.3	NO		
73 13C8-PFOS-EIS	507.0 > 80	4393.771		1.00	4.76	4393.771	12.500	13.7	109.3	NO		
75 13C2-PFDA-EIS	515.1 > 469.9	14494.913		1.00	5.05	14494.913	12.500	13.9	111.4	NO		
77 13C2-8:2 FTS-EIS	528.9 > 79.9	2149.024		1.00	5.02	2149.024	12.500	10.9	86.9	NO		
-1												
28 PFNS	548.9 > 79.9	344.446	4393.771	1.00	5.12	0.980	1.000	0.904	90.4	NO	1.529	NO
29 L-MeFOSAA	570 > 419	776.054	12681.006	1.00	5.20	0.765	1.000	0.906	90.6	NO	2.522	NO
31 L-EtFOSAA	583.9 > 419	807.464	10695.279	1.00	5.36	0.944	1.000	1.08	107.8	NO	1.357	NO
33 PFUdA	563.0 > 518.9	1582.766	22788.213	1.00	5.38	0.868	1.000	0.883	88.3	NO	9.668	NO
34 PFDS	599.0 > 80.0	265.931	4393.771	1.00	5.42	0.757	1.000	0.866	86.6	NO	2.512	YES
35 11Cl-PF30UdS	630.9 > 450.9	1040.671	24589.074	1.00	5.59	0.529	1.000	0.952	95.2	NO	24.459	NO
73 13C8-PFOS-EIS	507.0 > 80	4393.771		1.00	4.76	4393.771	12.500	13.7	109.3	NO		
79 d3-N-MeFOSAA-EIS	573. > 419	12681.006		1.00	5.20	12681.006	12.500	13.9	111.2	NO		
83 d5-N-EtFOSAA-EIS	589. > 419	10695.279		1.00	5.36	10695.279	12.500	12.6	100.8	NO		
81 13C2-PFUdA-EIS	565 > 519.8	22788.213		1.00	5.38	22788.213	12.500	12.5	100.3	NO		
73 13C8-PFOS-EIS	507.0 > 80	4393.771		1.00	4.76	4393.771	12.500	13.7	109.3	NO		
85 13C2-PFDoA-EIS	615 > 570	24589.074		1.00	5.66	24589.074	12.500	12.2	97.5	NO		
-1												
36 10:2 FTS	626.9 > 607	398.071	1726.053	1.00	5.65	2.883	1.000	0.890	89.0	NO	1.388	NO
37 PFDoA	612.9 > 569.0	2359.662	24589.074	1.00	5.66	1.200	1.000	1.07	107.2	NO	8.401	NO
38 N-MeFOSA	512.1 > 168.9	580.670	16042.003	1.00	5.65	5.401	5.000	5.04	100.7	NO	1.235	NO
39 PFTrDA	662.9 > 618.9	1906.230	24589.074	1.00	5.91	0.969	1.000	1.00	100.4	NO	9.409	NO
40 PFDoS	698.9 > 80	375.236	16628.658	1.00	5.93	0.282	1.000	1.04	103.6	NO	1.763	NO
41 PFTeDA	713.0 > 669.0	1997.136	16628.658	1.00	6.12	1.501	1.000	0.984	98.4	NO	12.541	NO
87 13C2-10:2 FTS-EIS	633 > 79.9	1726.053		1.00	5.65	1726.053	12.500	13.9	111.1	NO		

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Name: 200708M1_72, Date: 09-Jul-2020, Time: 03:11:27, ID: ST200708M1-14 PFC CS0 20F1903, Description: PFC CS0 20F1903

85 13C2-PFDoA-EIS	615 > 570	24589.074		1.00	5.66	24589.074	12.500	12.2	97.5	NO		
89 d3-N-MeFOSA-EIS	515.2 > 168.9	16042.003		1.00	5.68	16042.003	149.200	155	103.8	NO		
85 13C2-PFDoA-EIS	615 > 570	24589.074		1.00	5.66	24589.074	12.500	12.2	97.5	NO		
91 13C2-PFTeDA-EIS	715.1 > 669.7	16628.658		1.00	6.12	16628.658	12.500	12.6	100.7	NO		
91 13C2-PFTeDA-EIS	715.1 > 669.7	16628.658		1.00	6.12	16628.658	12.500	12.6	100.7	NO		
-1												
42 N-EtFOSA	526.1 > 168.9	733.430	24958.947	1.00	6.09	4.384	5.000	4.92	98.5	NO	1.647	NO
43 PFHxDA	813.1 > 768.6	1425.457	24563.707	1.00	6.44	0.725	1.000	0.984	98.4	NO	24.055	NO
44 PFODA	913 > 869	2142.469	24563.707	1.00	6.67	1.090	1.000	1.06	106.0	NO		
45 N-MeFOSE	616.1 > 58.9	396.107	11993.367	1.00	6.31	4.928	5.000	4.97	99.4	NO		
46 N-EtFOSE	630.1 > 58.9	450.293	13797.009	1.00	6.45	4.869	5.000	4.30	86.0	NO		
48 13C3-PFBA-RSD	216.1 > 171.8	4555.298	6363.957	1.00	1.33	8.947	12.500	13.3	106.2	NO		
93 d5-N-ETFOSA-EIS	531.1 > 168.9	24958.947		1.00	6.11	24958.947	149.200	164	109.8	NO		
95 13C2-PFHxDA-EIS	815 > 769.7	24563.707		1.00	6.44	24563.707	12.500	12.3	98.7	NO		
95 13C2-PFHxDA-EIS	815 > 769.7	24563.707		1.00	6.44	24563.707	12.500	12.3	98.7	NO		
97 d7-N-MeFOSE-EIS	623.1 > 58.9	11993.367		1.00	6.30	11993.367	149.200	151	101.0	NO		
99 d9-N-EtFOSE-EIS	639.2 > 58.8	13797.009		1.00	6.44	13797.009	149.200	167	111.7	NO		
50 13C3-PFPeA-RSD	266.0 > 221.8	7055.630	15212.030	1.00	2.29	5.798	12.500	13.0	104.3	NO		
-1												
52 13C3-PFBS-RSD	302.0 > 99	1570.887	2289.621	1.00	2.58	8.576	12.500	11.2	89.9	NO		
54 13C3-HFPO-DA-RSD	287.0 > 168.9	897.041	15212.030	1.00	3.33	0.737	12.500	11.6	92.6	NO		
56 13C2-4:2 FTS-RSD	329.0 >79.9	2848.554	2289.621	1.00	3.02	15.551	12.500	12.8	102.2	NO		
58 13C2-PFHxA-RSD	315.0 > 270.0	12626.849	15212.030	1.00	3.11	10.376	12.500	12.2	97.9	NO		
60 13C4-PFHpA-RSD	367.2 > 321.8	7127.437	15212.030	1.00	3.72	5.857	12.500	11.8	94.1	NO		
62 13C3-PFHxS-RSD	401.8 > 79.9	3936.465	2289.621	1.00	3.87	21.491	12.500	12.3	98.8	NO		
64 13C2-6:2 FTS-RSD	429.0 >79.9	2158.953	3927.590	1.00	4.18	6.871	12.500	12.7	101.6	NO		
66 13C5-PFNA-RSD	468.2 > 422.9	13885.140	15666.115	1.00	4.67	11.079	12.500	12.0	96.3	NO		
68 13C8-PFOSA-RSD	506. > 78	5939.071	25866.021	1.00	4.72	2.870	12.500	12.5	99.7	NO		
70 13C2-PFOA-RSD	414.9 > 369.7	15343.055	23936.914	1.00	4.24	8.012	12.500	12.1	97.2	NO		
74 13C8-PFOS-RSD	507.0 > 80	4393.771	3927.590	1.00	4.76	13.984	12.500	14.5	116.1	NO		
76 13C2-PFDA-RSD	515.1 > 469.9	14494.913	21411.902	1.00	5.05	8.462	12.500	11.5	91.9	NO		
-1												
78 13C2-8:2 FTS-RSD	528.9 > 79.9	2149.024	3927.590	1.00	5.02	6.840	12.500	11.6	92.9	NO		
80 d3-N-MeFOSAA-RSD	573. > 419	12681.006	25866.021	1.00	5.20	6.128	12.500	12.9	102.9	NO		
82 13C2-PFUdA-RSD	565 > 519.8	22789.006	25866.021	1.00	5.38	11.013	12.500	12.5	100.3	NO		
84 d5-N-EtFOSAA-RSD	589. > 419	10695.279	25866.021	1.00	5.36	5.169	12.500	12.4	98.9	NO		

FBR 7/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-72.qld

Last Altered: Thursday, July 09, 2020 11:09:27 Pacific Daylight Time
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Name: 200708M1_72, Date: 09-Jul-2020, Time: 03:11:27, ID: ST200708M1-14 PFC CS0 20F1903, Description: PFC CS0 20F1903

86	13C2-PFDoA-RSD	615 > 570	24589.074	21411.902	1.00	5.66	14.355	12.500	11.0	87.8	NO
88	13C2-10:2 FTS-RSD	633 > 79.9	1726.053	3927.590	1.00	5.65	5.493	12.500	13.1	104.4	NO
90	d3-N-MeFOSA-RSD	515.2 > 168.9	16042.003	25866.021	1.00	5.68	7.752	149.200	141	94.2	NO
92	13C2-PFTeDA-RSD	715.1 > 669.7	16628.658	25866.021	1.00	6.12	8.036	12.500	12.0	95.7	NO
94	d5-N-ETFOSA-RSD	531.1 > 168.9	24958.947	25866.021	1.00	6.11	12.062	149.200	151	101.1	NO
96	13C2-PFHxDA-RSD	815 > 769.7	24563.707	25866.021	1.00	6.44	11.871	12.500	11.6	93.0	NO
98	d7-N-MeFOSE-RSD	623.1 > 58.9	12001.953	25866.021	1.00	6.30	5.800	149.200	137	91.7	NO
1...	d9-N-EtFOSE-RSD	639.2 > 58.8	13796.537	25866.021	1.00	6.44	6.667	149.200	155	103.6	NO
-1											
1...	13C4-PFBA	217.0 > 172.0	6363.957	6363.957	1.00	1.33	12.500	12.500	12.5	100.0	NO
1...	13C5-PFHxA	318.0 > 272.9	15212.030	15212.030	1.00	3.11	12.500	12.500	12.5	100.0	NO
1...	13C8-PFOA	420.9 > 376.0	23936.914	23936.914	1.00	4.24	12.500	12.500	12.5	100.0	NO
1...	18O2-PFHxS	403.0 > 103.0	2289.621	2289.621	1.00	3.87	12.500	12.500	12.5	100.0	NO
1...	13C9-PFNA	472.2 > 426.9	15666.115	15666.115	1.00	4.67	12.500	12.500	12.5	100.0	NO
1...	13C4-PFOS	503 > 80.0	3927.590	3927.590	1.00	4.76	12.500	12.500	12.5	100.0	NO
1...	13C6-PFDA	519.1 > 473.7	21411.902	21411.902	1.00	5.05	12.500	12.500	12.5	100.0	NO
1...	13C7-PFUdA	570.1 > 524.8	25866.021	25866.021	1.00	5.37	12.500	12.500	12.5	100.0	NO

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Dataset: Untitled

Last Altered: Thursday, July 09, 2020 12:27:59 Pacific Daylight Time
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

Compound name: PFBA

1	200708M1_1	IPA	08-Jul-20	14:48:54
2	200708M1_2	IPA	08-Jul-20	14:59:15
3	200708M1_3	ST200708M1-1 PFC CS-2 20F1901	08-Jul-20	15:09:37
4	200708M1_4	ST200708M1-2 PFC CS-1 20F1902	08-Jul-20	15:20:19
5	200708M1_5	ST200708M1-3 PFC CS0 20F1903	08-Jul-20	15:30:45
6	200708M1_6	ST200708M1-4 PFC CS1 20F1904	08-Jul-20	15:41:09
7	200708M1_7	ST200708M1-5 PFC CS2 20F1905	08-Jul-20	15:51:35
8	200708M1_8	ST200708M1-6 PFC CS3 20F1906	08-Jul-20	16:01:57
9	200708M1_9	ST200708M1-7 PFC CS4 20F1907	08-Jul-20	16:12:19
10	200708M1_10	ST200708M1-8 PFC CS5 20F1908	08-Jul-20	16:22:41
11	200708M1_11	ST200708M1-9 PFC CS6 20F1909	08-Jul-20	16:33:04
12	200708M1_12	ST200708M1-10 PFC CS7 20F1910	08-Jul-20	16:43:26
13	200708M1_13	IB	08-Jul-20	16:53:48
14	200708M1_14	ICV200708M1-1 PFC ICV 20F1911	08-Jul-20	17:04:11
15	200708M1_15	IB	08-Jul-20	17:14:33
16	200708M1_16	B0F0229-BLK1 Method Blank 1	08-Jul-20	17:24:55
17	200708M1_17	B0F0229-BS1 OPR 1	08-Jul-20	17:35:19
18	200708M1_18	2001303-01 B1 (20') 1.11	08-Jul-20	17:45:44
19	200708M1_19	2001303-02 MB6 (0-1) 1.14	08-Jul-20	17:56:06
20	200708M1_20	2001303-03 MB6 (2-3) 1.15	08-Jul-20	18:11:45
21	200708M1_21	2001303-04 MB5 (0-1) 1.17	08-Jul-20	18:22:06
22	200708M1_22	2001303-05 B1 (40') 1.13	08-Jul-20	18:32:28
23	200708M1_23	2001303-06 B1 (dup) 1.12	08-Jul-20	18:42:54
24	200708M1_24	2001303-07 MB (dupA) 1.16	08-Jul-20	18:53:16
25	200708M1_25	2001303-08 MB5 (2-3) 1.17	08-Jul-20	19:03:38
26	200708M1_26	2001303-09 MB4 (0-1) 1.15	08-Jul-20	19:14:01
27	200708M1_27	2001303-10 MB4 (2-3) 1.17	08-Jul-20	19:24:23
28	200708M1_28	ST200708M1-11 PFC CS3 20F1906	08-Jul-20	19:34:45
29	200708M1_29	IB	08-Jul-20	19:45:07
30	200708M1_30	2001303-11 B1 (60) 1.09	08-Jul-20	19:55:30
31	200708M1_31	2001303-13 MB3 (0-1) 1.15	08-Jul-20	20:05:52
32	200708M1_32	2001303-14 MB3 (2-3) 1.18	08-Jul-20	20:16:14

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Compound name: PFBA

33 200708M1_33	2001303-15 B1 (80') 1.14	08-Jul-20	20:26:36
34 200708M1_34	2001303-17 B1 (100') 1.13	08-Jul-20	20:36:58
35 200708M1_35	2001303-18 B1 (120') 1.08	08-Jul-20	20:47:21
36 200708M1_36	2001345-06 Septic Receiving 0.11338	08-Jul-20	20:57:43
37 200708M1_37	B0F0232-BLK1 Method Blank 0.25	08-Jul-20	21:08:05
38 200708M1_38	B0F0232-BS1 OPR 0.25	08-Jul-20	21:18:28
39 200708M1_39	B0F0232-BSD1 LCSD 0.25	08-Jul-20	21:28:49
40 200708M1_40	2001334-01 SMW08A-20Q2 0.25619	08-Jul-20	21:39:12
41 200708M1_41	2001334-02 MW-17-20Q2 0.24409	08-Jul-20	21:49:34
42 200708M1_42	2001334-03 SMW09Ar-20Q2 0.25034	08-Jul-20	21:59:57
43 200708M1_43	ST200708M1-12 PFC CS3 20F1906	08-Jul-20	22:10:19
44 200708M1_44	IB	08-Jul-20	22:20:41
45 200708M1_45	2001334-04 SMW08B-20Q2 0.25034	08-Jul-20	22:31:03
46 200708M1_46	2001334-05 SMW09Br-20Q2 0.24773	08-Jul-20	22:41:25
47 200708M1_47	2001334-06 MW-27-20Q2 0.24972	08-Jul-20	22:51:48
48 200708M1_48	2001334-07 MW-27-20Q2-D 0.25703	08-Jul-20	23:02:09
49 200708M1_49	2001334-08 MW-26-20Q2 0.25311	08-Jul-20	23:12:32
50 200708M1_50	2001334-09 MW-11-20Q2 0.25686	08-Jul-20	23:22:54
51 200708M1_51	2001334-10 SMW07A-20Q2 0.24588	08-Jul-20	23:33:19
52 200708M1_52	2001368-10 CHFZ10-EB01-062420 0.10762	08-Jul-20	23:43:43
53 200708M1_53	B0F0251-BLK1 Method Blank 0.25	08-Jul-20	23:54:09
54 200708M1_54	B0F0251-BS1 OPR 0.25	09-Jul-20	00:04:31
55 200708M1_55	B0F0251-BSD1 LCSD 0.25	09-Jul-20	00:14:52
56 200708M1_56	2001359-01 DFSPN_GWTS_Effluent_PFC_06-24-20 0.2474	09-Jul-20	00:25:15
57 200708M1_57	2001359-02 DFSPN_FieldBlank_06-24-20 0.25769	09-Jul-20	00:35:40
58 200708M1_58	2001359-03 DFSPN_TripBlank_06-24-20 0.25124	09-Jul-20	00:46:04
59 200708M1_59	B0F0259-BLK1 Method Blank 0.25	09-Jul-20	00:56:30
60 200708M1_60	B0F0259-BS1 OPR 0.25	09-Jul-20	01:06:55
61 200708M1_61	B0F0259-BSD1 LCSD 0.25	09-Jul-20	01:17:19
62 200708M1_62	2001362-01 QCTB-1 0.25825	09-Jul-20	01:27:44
63 200708M1_63	2001362-02 QCFB-1 0.26034	09-Jul-20	01:38:06
64 200708M1_64	ST200708M1-13 PFC CS3 20F1906	09-Jul-20	01:48:28
65 200708M1_65	IB	09-Jul-20	01:58:51
66 200708M1_66	2001362-03 GMW-17 0.25351	09-Jul-20	02:09:13
67 200708M1_67	2001362-04 GMW-24 0.25105	09-Jul-20	02:19:35
68 200708M1_68	2001362-05 GMW-25 0.24992	09-Jul-20	02:29:58

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Compound name: PFBA

69 200708M1_69	2001362-06 DUP-1 0.25176	09-Jul-20	02:40:20
70 200708M1_70	2001362-07 GMW-26 0.25681	09-Jul-20	02:50:42
71 200708M1_71	2001362-08 QCEB-1 0.2468	09-Jul-20	03:01:04
72 200708M1_72	ST200708M1-14 PFC CS0 20F1903	09-Jul-20	03:11:27
73 200708M1_73	IB	09-Jul-20	03:21:49
74 200708M1_74	B0F0172-BLK1 Method Blank 0.25	09-Jul-20	03:32:11
75 200708M1_75	B0F0172-BS1 OPR 0.25	09-Jul-20	03:42:33
76 200708M1_76	2001276-01 Equipment Blank-1 0.22934	09-Jul-20	03:52:56
77 200708M1_77	2001276-03 Field Blank 0.24862	09-Jul-20	04:03:18
78 200708M1_78	2001276-04 MW-20-02 0.26126	09-Jul-20	04:13:40
79 200708M1_79	2001276-07 Duplicate-1 0.24702	09-Jul-20	04:24:02
80 200708M1_80	B0F0189-BLK1 Method Blank 0.25	09-Jul-20	04:34:25
81 200708M1_81	B0F0189-BS1 OPR 0.25	09-Jul-20	04:44:47
82 200708M1_82	2001239-10RE1 PZ15B 0.1124	09-Jul-20	04:55:12
83 200708M1_83	2001239-13RE1 WT11 0.11553	09-Jul-20	05:05:37
84 200708M1_84	2001316-01 IN-30 0.25087	09-Jul-20	05:16:02
85 200708M1_85	2001316-02 OUT-30 0.24195	09-Jul-20	05:26:27
86 200708M1_86	2001399-01 IN-42 0.2464	09-Jul-20	05:36:52
87 200708M1_87	2001399-02 OUT-42 0.23307	09-Jul-20	05:47:17
88 200708M1_88	B0G0024-BLK1 Method Blank 1	09-Jul-20	05:57:40
89 200708M1_89	B0G0024-BS1 OPR 1	09-Jul-20	06:08:02
90 200708M1_90	2001247-01RE1 Ahlquist 33.86	09-Jul-20	06:18:24
91 200708M1_91	B0G0027-BLK1 Method Blank 1	09-Jul-20	06:28:46
92 200708M1_92	B0G0027-BS1 OPR 1	09-Jul-20	06:39:11
93 200708M1_93	2001299-04RE1 AB-8 (0.5-1) 1.21	09-Jul-20	06:49:35
94 200708M1_94	ST200708M1-15 PFC CS3 20F1906	09-Jul-20	07:00:01
95 200708M1_95	IB	09-Jul-20	07:10:26
96 200708M1_96	2001299-05RE1 AB-8 (7.5-8) 1.52	09-Jul-20	07:20:50
97 200708M1_97	2001299-06RE1 AB-9 (0.5-1) 1.2	09-Jul-20	07:31:15
98 200708M1_98	2001299-07RE1 AB-9 (5.5-6) 1.47	09-Jul-20	07:41:39
99 200708M1_99	2001370-03 VAS-4-062420-66-70' 0.25911	09-Jul-20	07:52:05
100 200708M1_100	2001370-04 VAS-4-062420-61-65' 0.26036	09-Jul-20	08:02:27
101 200708M1_101	2001370-05 VAS-4-062420-56-60' 0.25849	09-Jul-20	08:12:49
102 200708M1_102	2001370-06 VAS-4-062420-51-55' 0.26018	09-Jul-20	08:23:11
103 200708M1_103	ST200708M1-16 PFC CS3 20F1906	09-Jul-20	08:33:34
104 200708M1_104	IB	09-Jul-20	08:43:56

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Compound name: PFBA

105	200708M1_105	2001370-09 VAS-4-062420-36-40' 0.25562	09-Jul-20	08:54:18
106	200708M1_106	2001370-13 VAS-4-DUP-01 0.26383	09-Jul-20	09:04:40
107	200708M1_107	2001369-02 VAS-3-062320-66-70' 0.24919	09-Jul-20	09:15:06
108	200708M1_108	2001369-03 VAS-3-062320-61-65' 0.25762	09-Jul-20	09:25:31
109	200708M1_109	2001369-04 VAS-3-062420-56-60' 0.24599	09-Jul-20	09:35:53
110	200708M1_110	2001386-01@5X WMP2006290935JSJ 0.24789	09-Jul-20	09:46:15
111	200708M1_111	2001386-02@5X WMP2006290937JSJ 0.25494	09-Jul-20	09:56:38
112	200708M1_112	ST200708M1-17 PFC CS3 20F1906	09-Jul-20	10:07:00
113	200708M1_113	IB	09-Jul-20	10:17:22

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Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-72.qld

Last Altered: Thursday, July 09, 2020 11:09:27 Pacific Daylight Time
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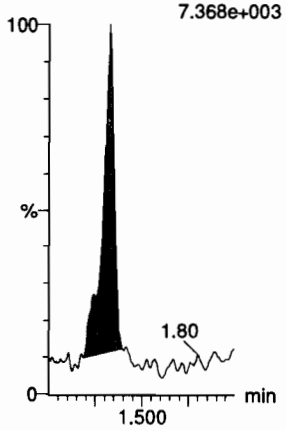
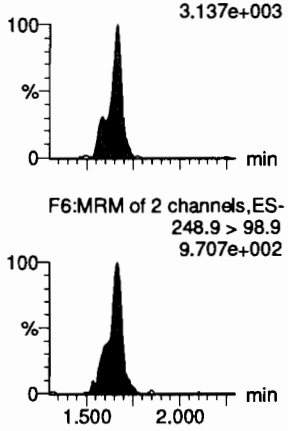
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

Name: 200708M1_72, Date: 09-Jul-2020, Time: 03:11:27, ID: ST200708M1-14 PFC CS0 20F1903, Description: PFC CS0 20F1903

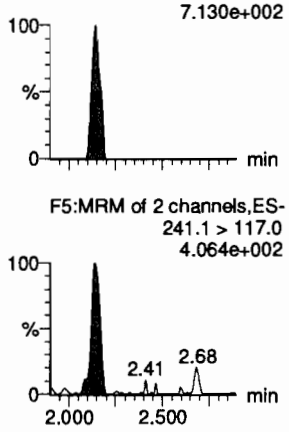
PFBA



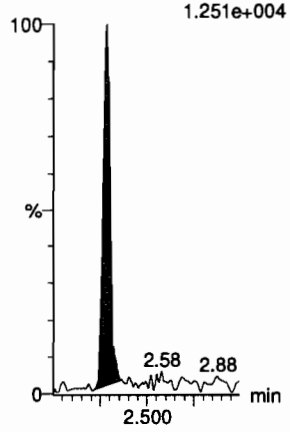
PFPrS



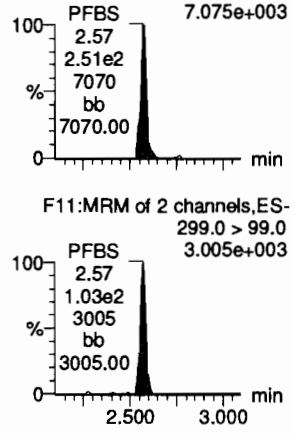
3:3 FTCA



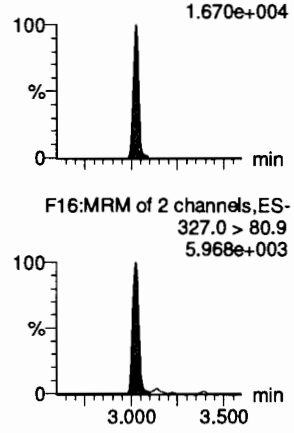
PFPeA



PFBS



4:2 FTS



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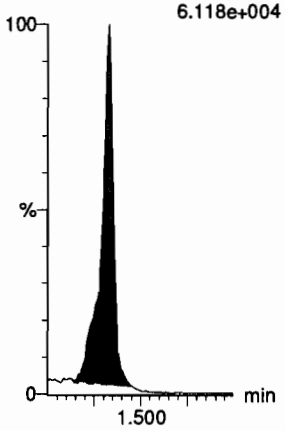

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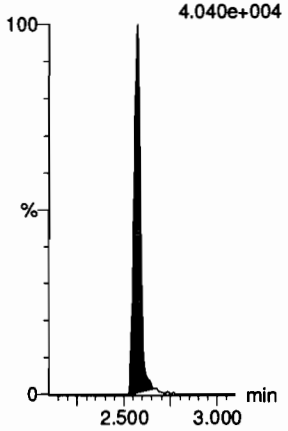

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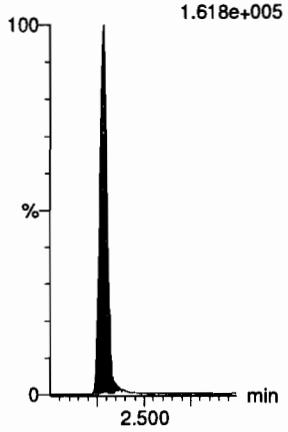

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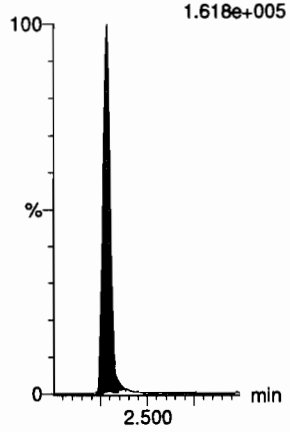
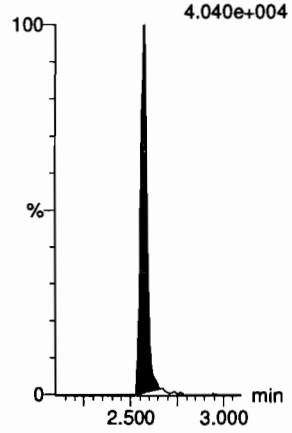
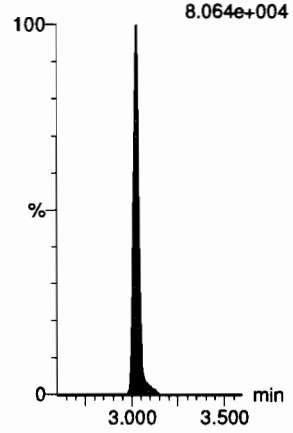


13C3-PFBS-EIS



13C2-4:2 FTS-EIS

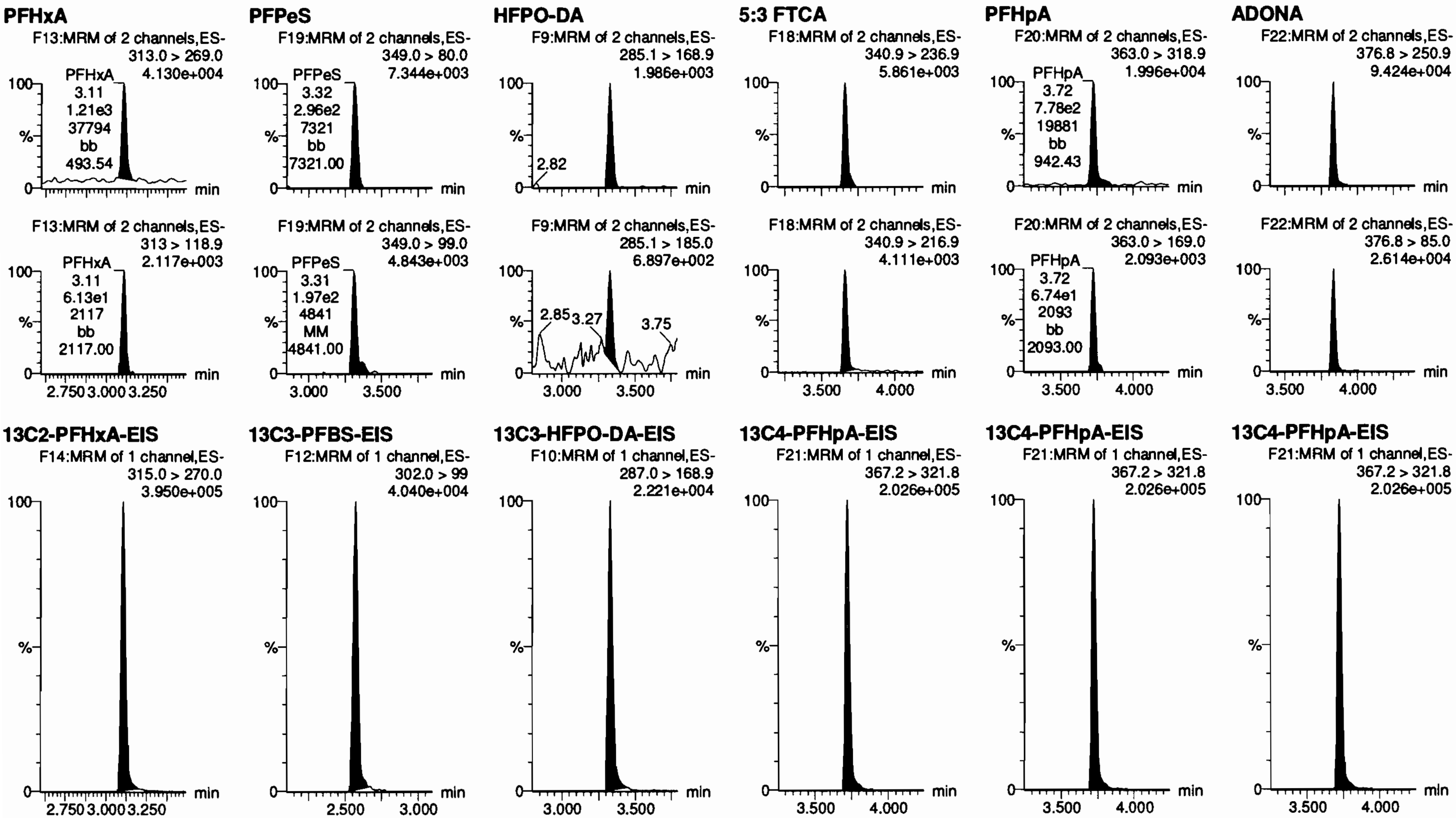


FBR 7/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-72.qld

Last Altered: Thursday, July 09, 2020 11:09:27 Pacific Daylight Time
Printed: Thursday, July 09, 2020 12:22:52 Pacific Daylight Time

Name: 200708M1_72, Date: 09-Jul-2020, Time: 03:11:27, ID: ST200708M1-14 PFC CS0 20F1903, Description: PFC CS0 20F1903



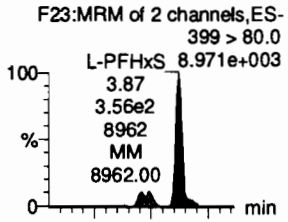
FBR 7/9/2020

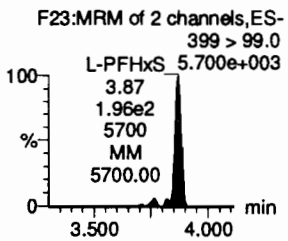
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-72.qld

Last Altered: Thursday, July 09, 2020 11:09:27 Pacific Daylight Time
Printed: Thursday, July 09, 2020 12:22:52 Pacific Daylight Time

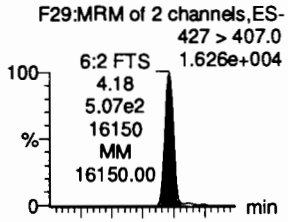
Name: 200708M1_72, Date: 09-Jul-2020, Time: 03:11:27, ID: ST200708M1-14 PFC CS0 20F1903, Description: PFC CS0 20F1903

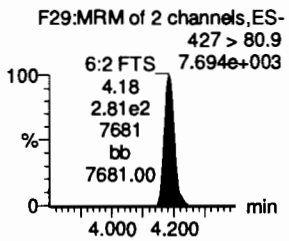
L-PFHxS



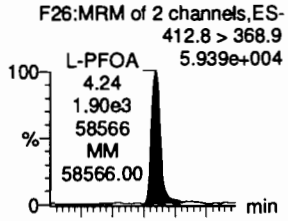


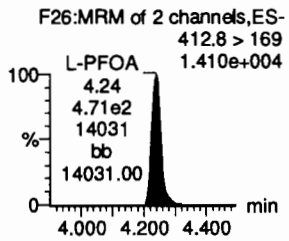
6:2 FTS





L-PFOA





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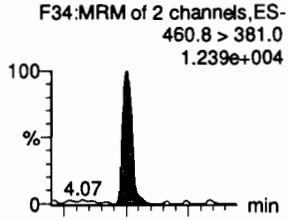

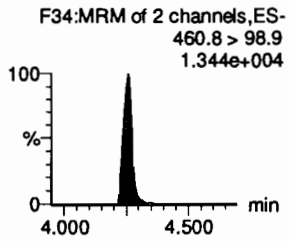

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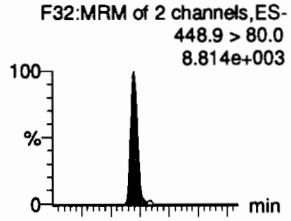
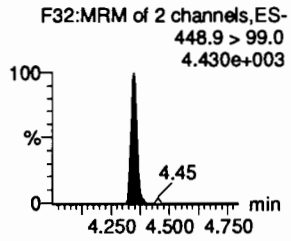
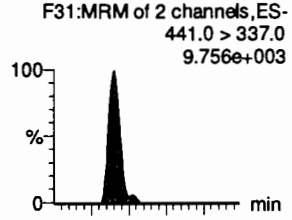
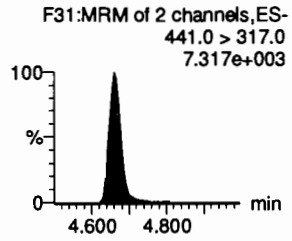


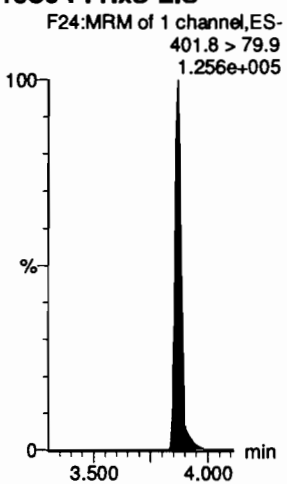


7:3 FTCA

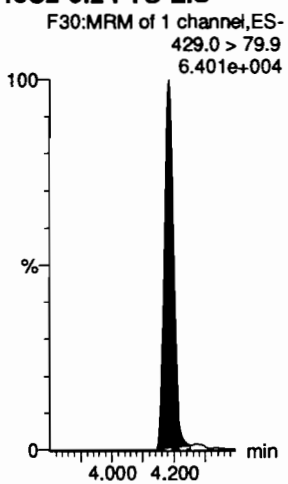




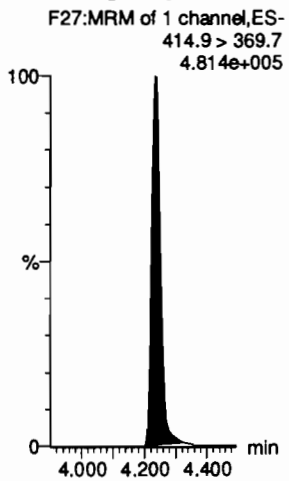
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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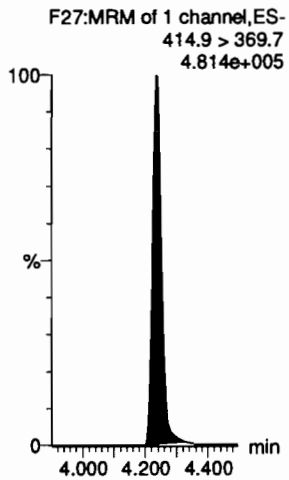
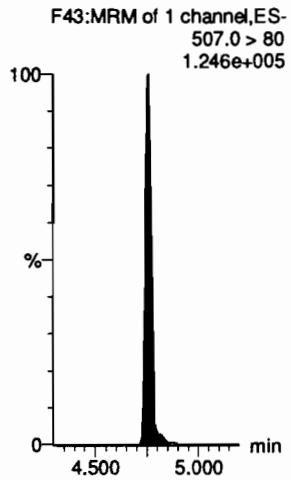
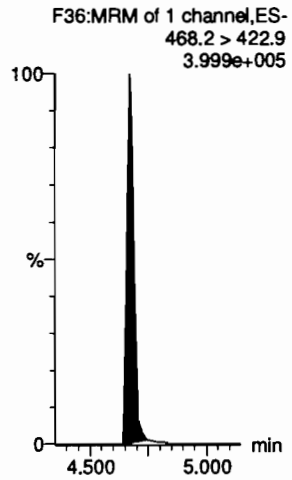


13C8-PFOS-EIS



13C5-PFNA-EIS

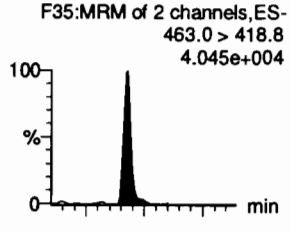


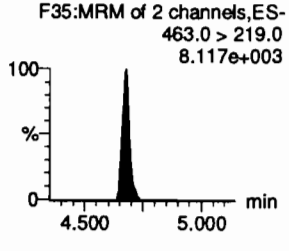
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-72.qld

Last Altered: Thursday, July 09, 2020 11:09:27 Pacific Daylight Time
Printed: Thursday, July 09, 2020 12:22:52 Pacific Daylight Time

Name: 200708M1_72, Date: 09-Jul-2020, Time: 03:11:27, ID: ST200708M1-14 PFC CS0 20F1903, Description: PFC CS0 20F1903

PFNA





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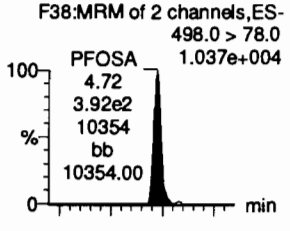
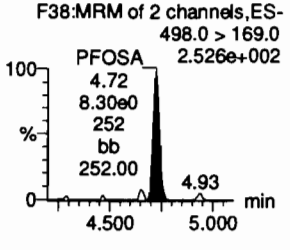
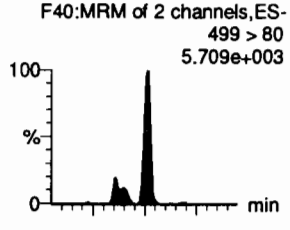
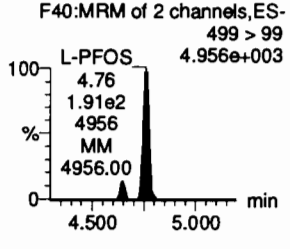


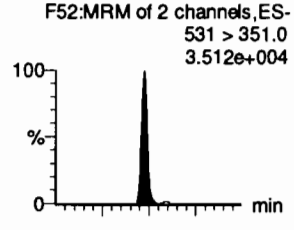


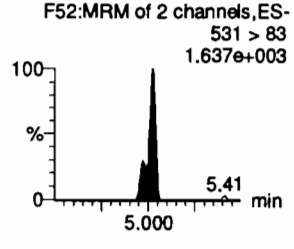
L-PFOS





9Cl-PF30NS





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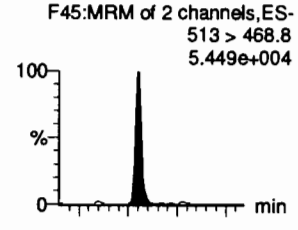
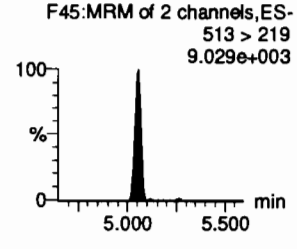
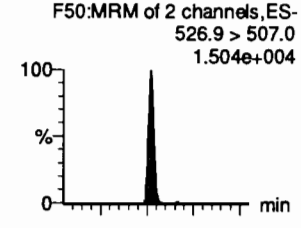
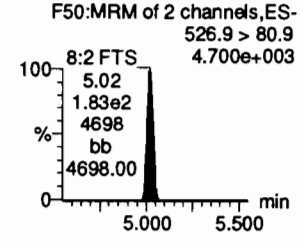


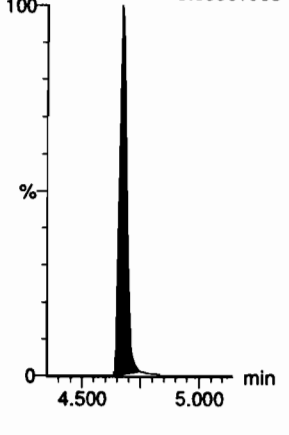


8:2 FTS

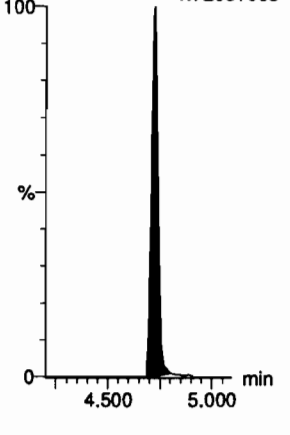




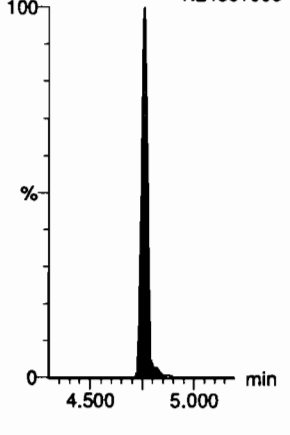
13C5-PFNA-EIS



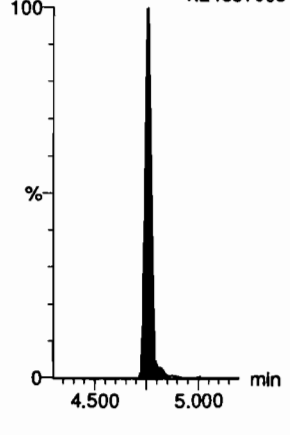
13C8-PFOSA-EIS



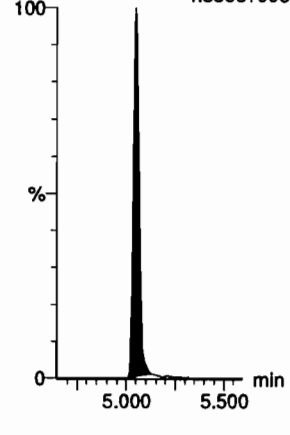
13C8-PFOS-EIS



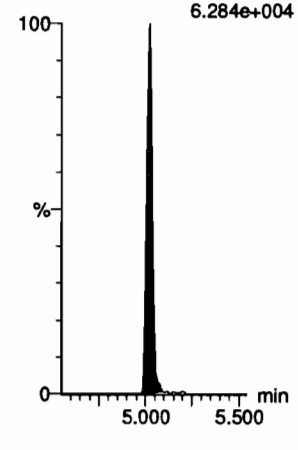
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-72.qld

Last Altered: Thursday, July 09, 2020 11:09:27 Pacific Daylight Time
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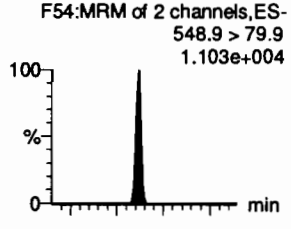
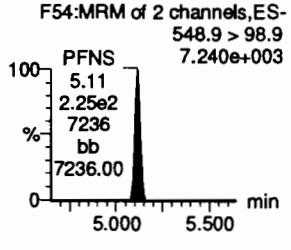
Name: 200708M1_72, Date: 09-Jul-2020, Time: 03:11:27, ID: ST200708M1-14 PFC CS0 20F1903, Description: PFC CS0 20F1903

PFNS





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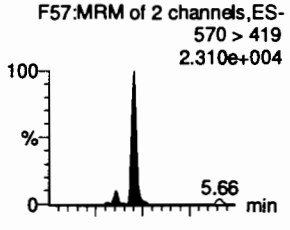
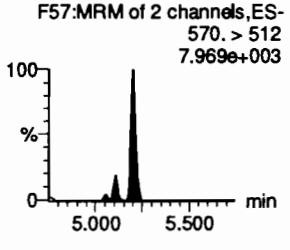
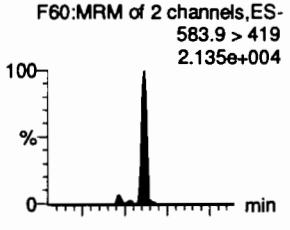
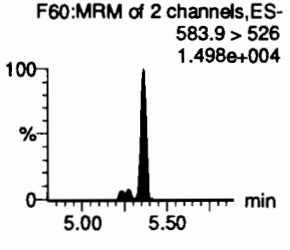


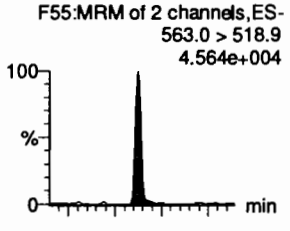


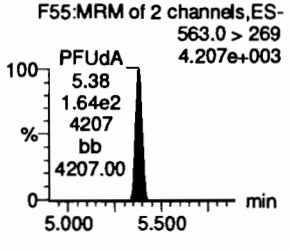
L-EtFOSAA



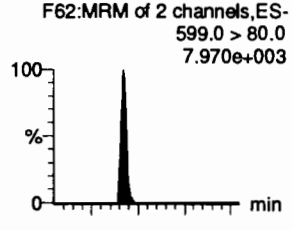


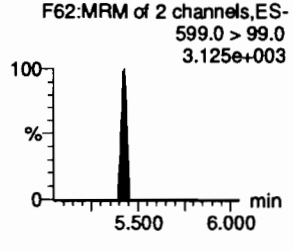
PFUdA



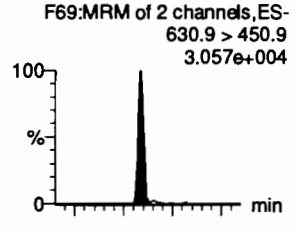


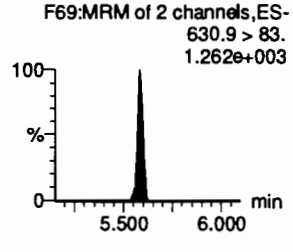
PFDS



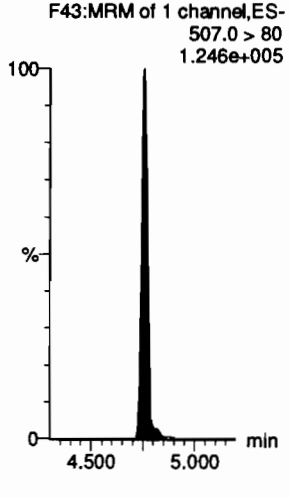


11Cl-PF30UdS

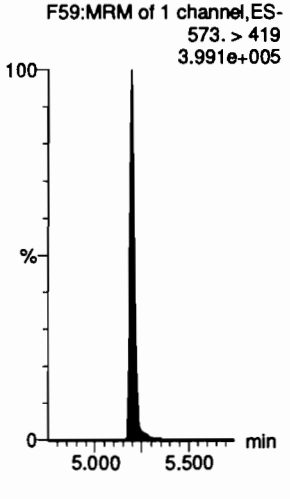




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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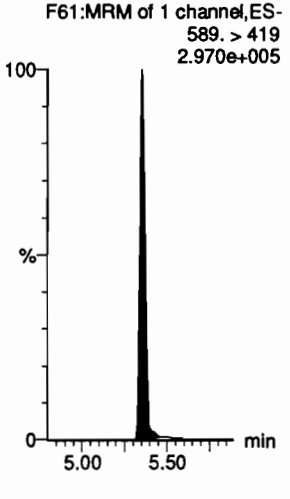

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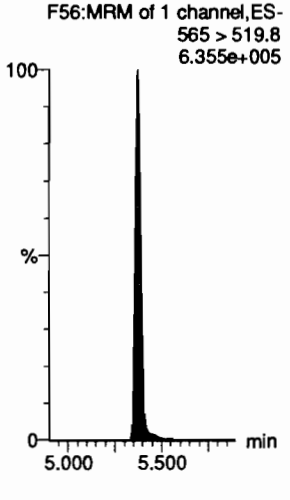

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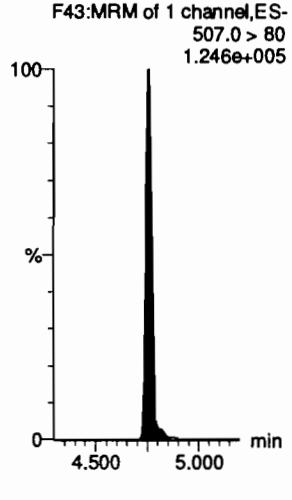
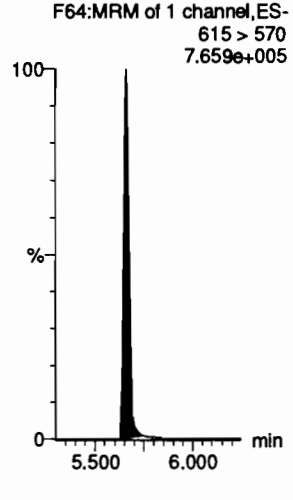


13C2-PFDoA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-72.qld

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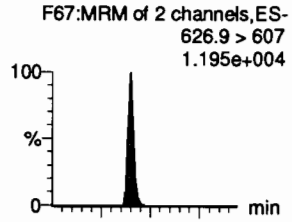
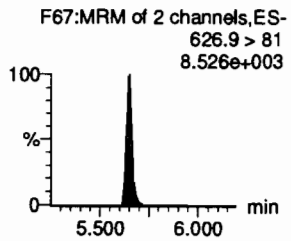
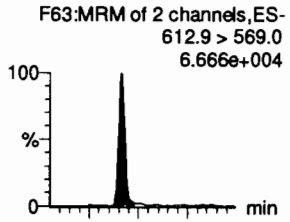
Name: 200708M1_72, Date: 09-Jul-2020, Time: 03:11:27, ID: ST200708M1-14 PFC CS0 20F1903, Description: PFC CS0 20F1903

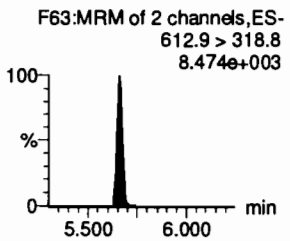
10:2 FTS



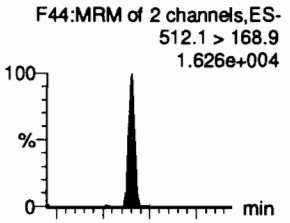


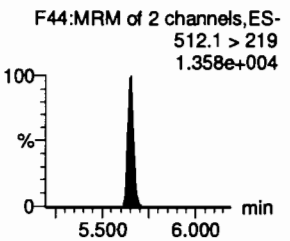
PFDoA



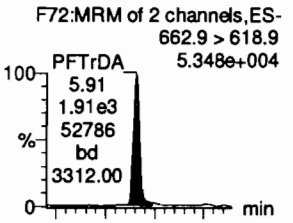


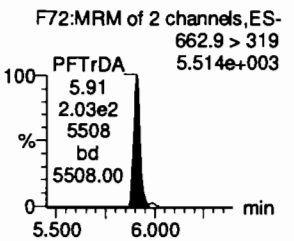
N-MeFOSA



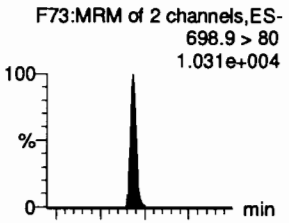


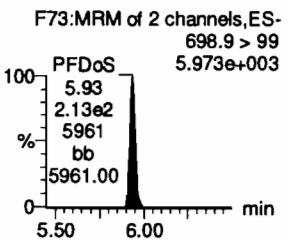
PFTrDA



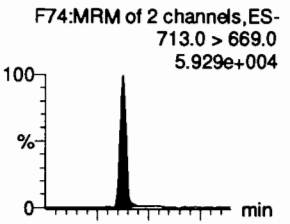


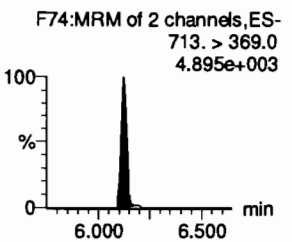
PFDoS



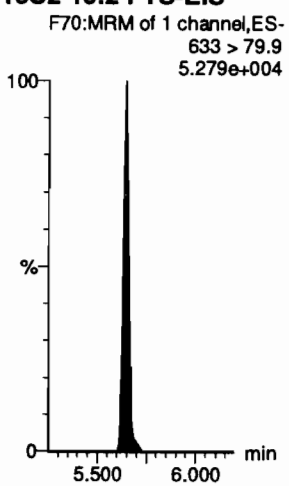


PFTeDA

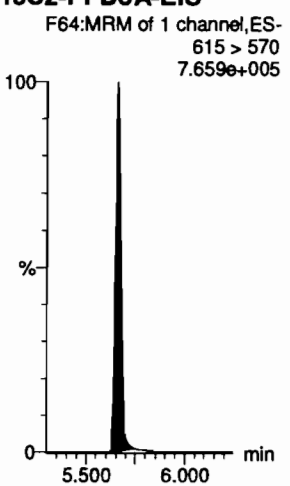




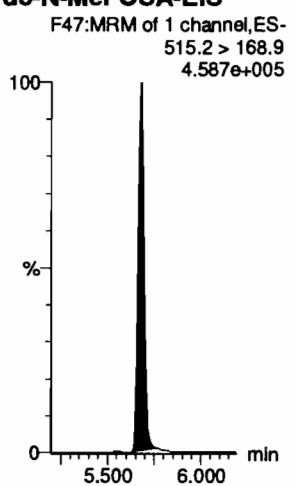
13C2-10:2 FTS-EIS



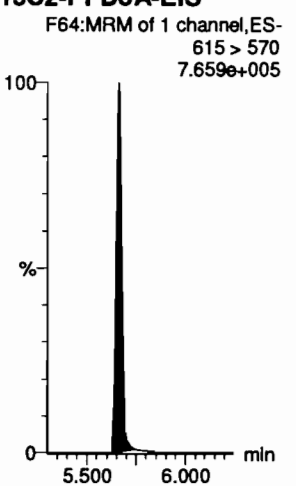
13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



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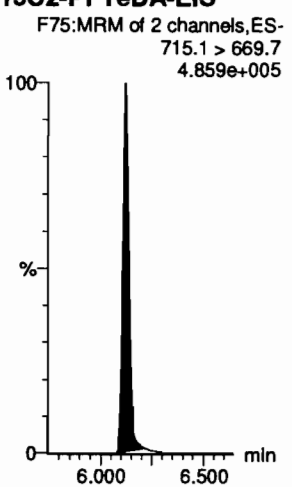
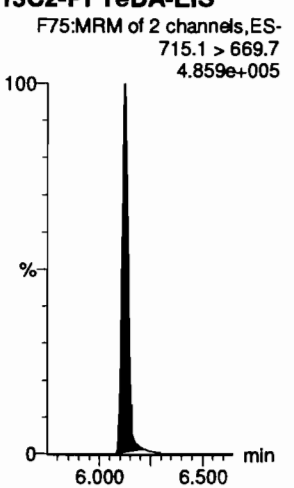


13C2-PFTeDA-EIS



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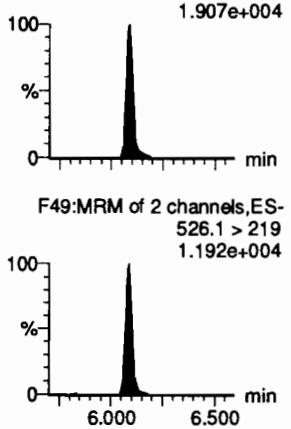
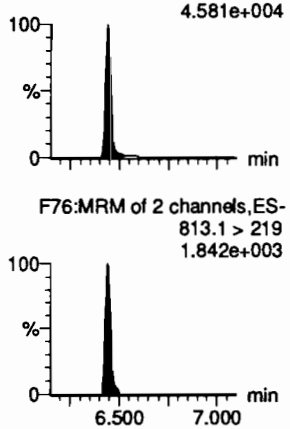
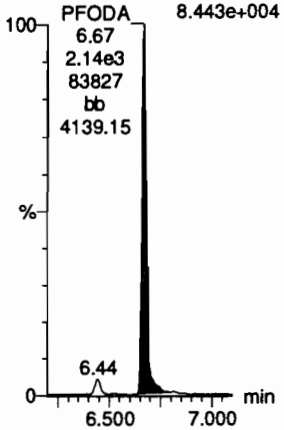
N-EtFOSA



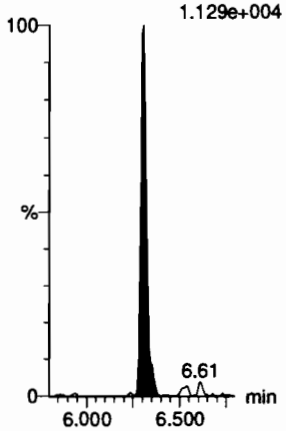
PFHxDA



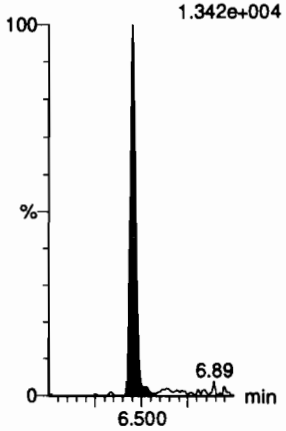
PFODA



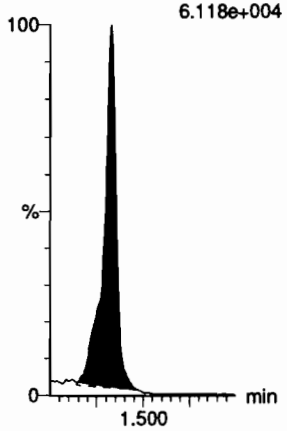
N-MeFOSE



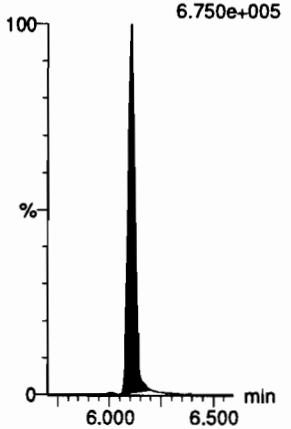
N-EtFOSE



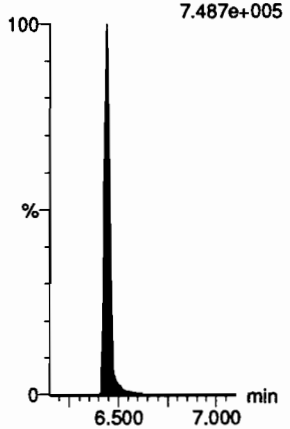
13C3-PFBA-RSD



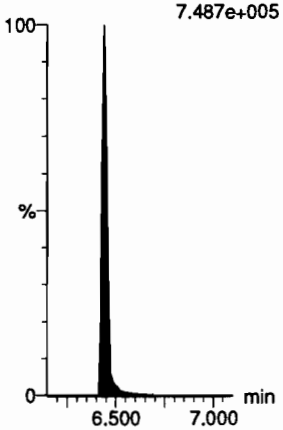
d5-N-ETFOSA-EIS



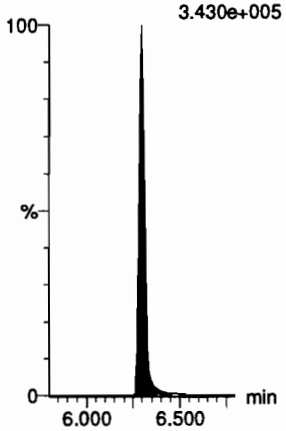
13C2-PFHxDA-EIS



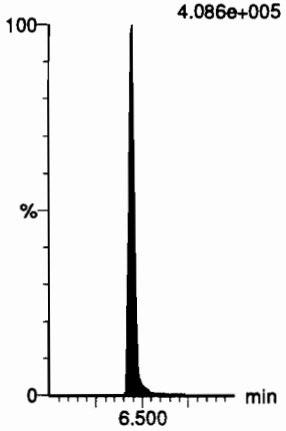
13C2-PFHxDA-EIS



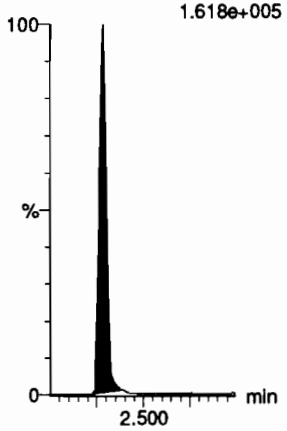
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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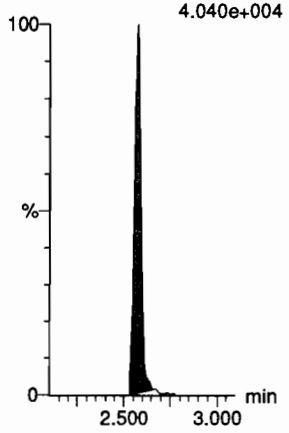
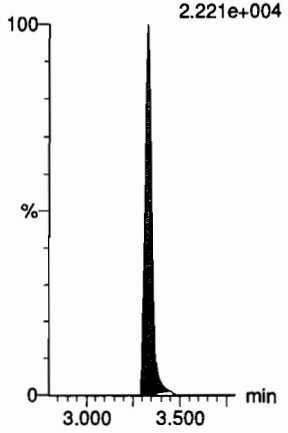
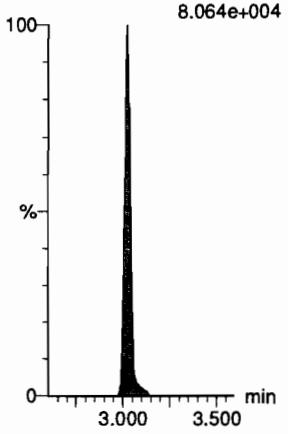
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
4.040e+004



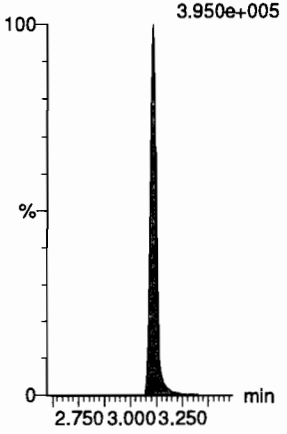
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.221e+004



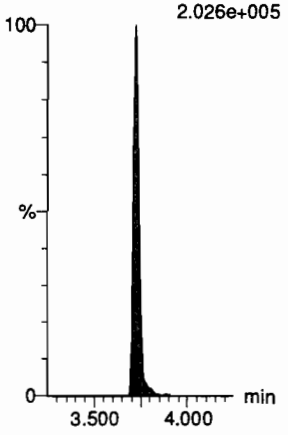
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
8.064e+004



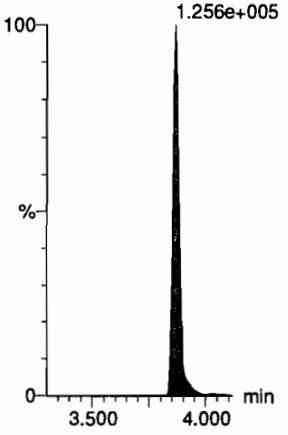
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.950e+005



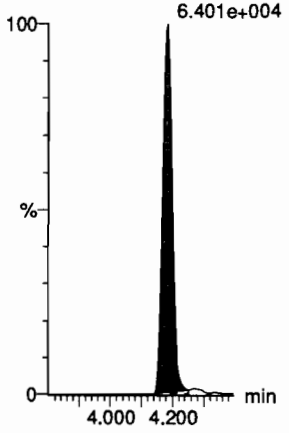
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.026e+005



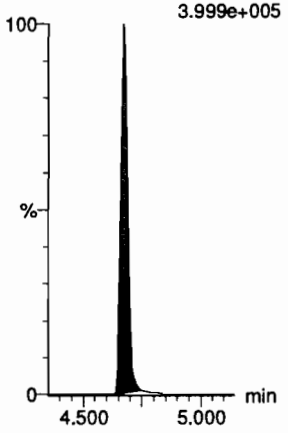
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.256e+005



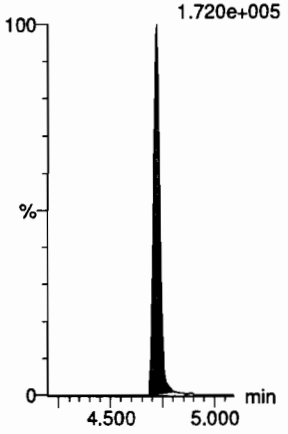
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.401e+004



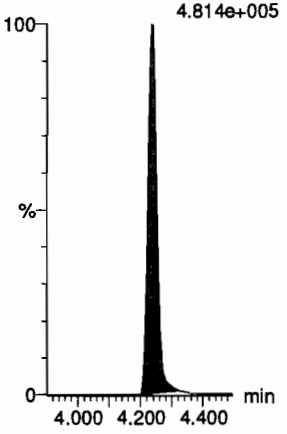
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.999e+005



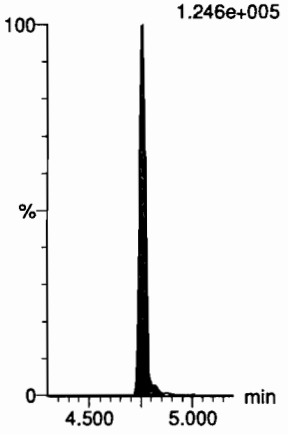
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.720e+005



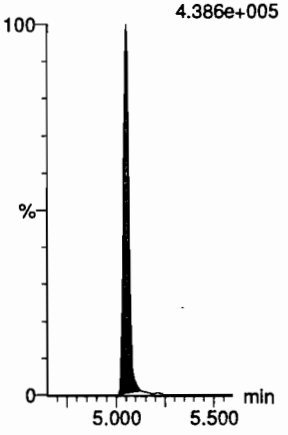
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.814e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.246e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.386e+005



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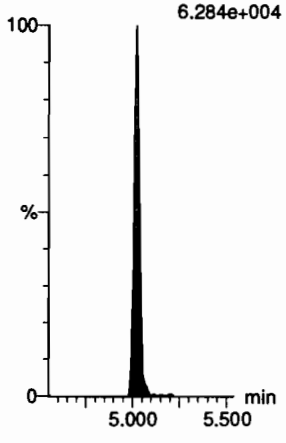
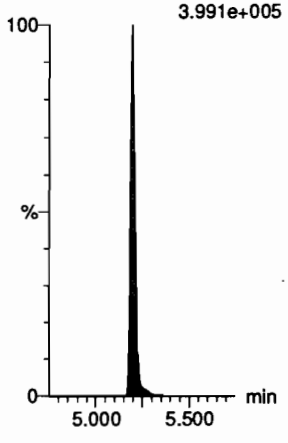
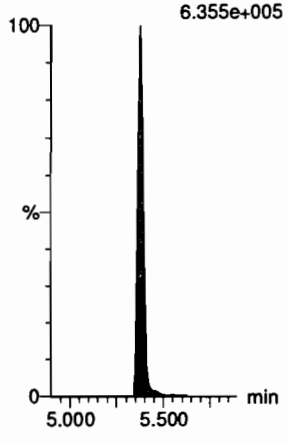
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.284e+004



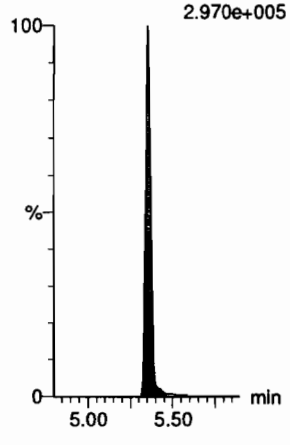
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.991e+005



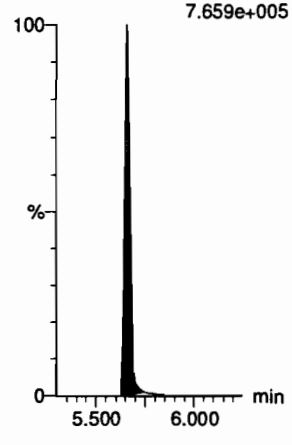
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.355e+005



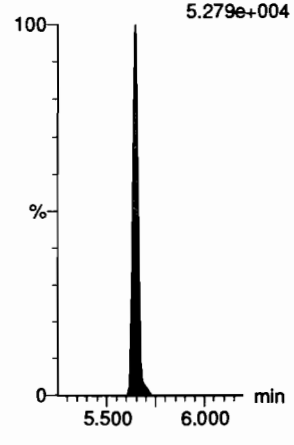
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.970e+005



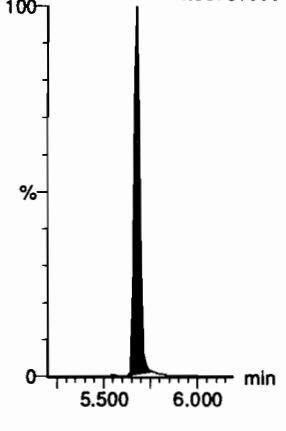
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
7.659e+005



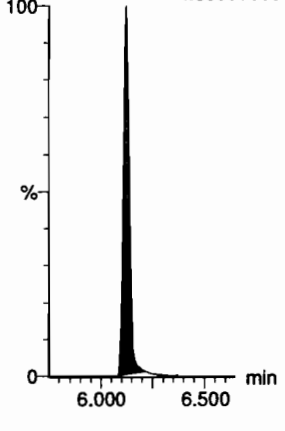
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.279e+004



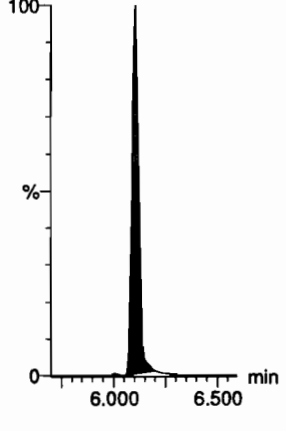
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.587e+005



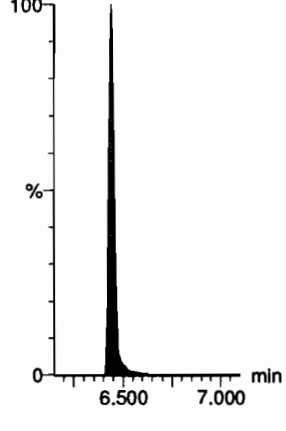
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.859e+005



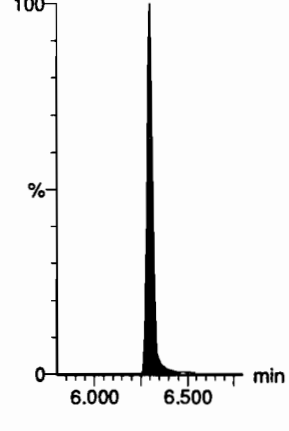
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.750e+005



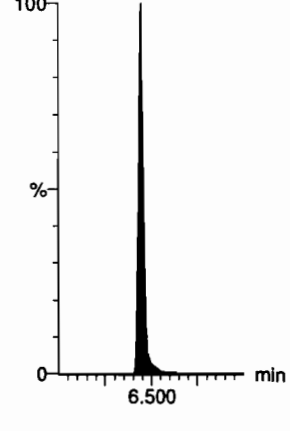
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.487e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.430e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
4.086e+005



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-72.qld

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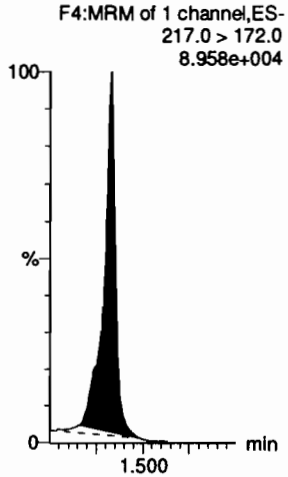
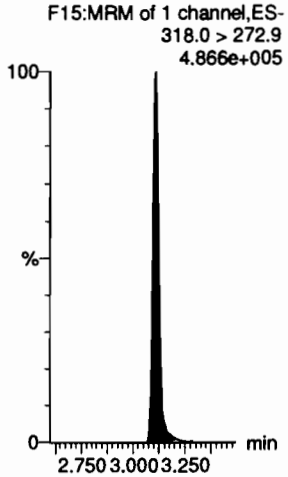
Name: 200708M1_72, Date: 09-Jul-2020, Time: 03:11:27, ID: ST200708M1-14 PFC CS0 20F1903, Description: PFC CS0 20F1903

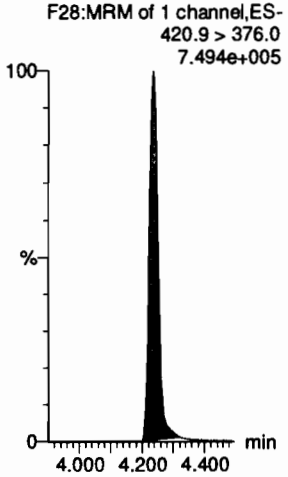
13C4-PFBA



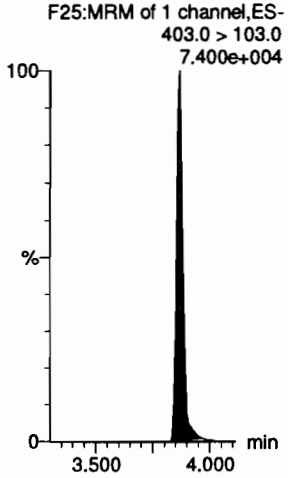
13C5-PFHxA



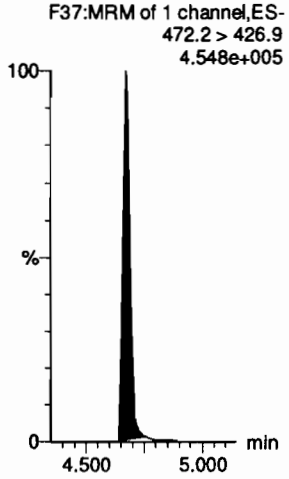
13C8-PFOA



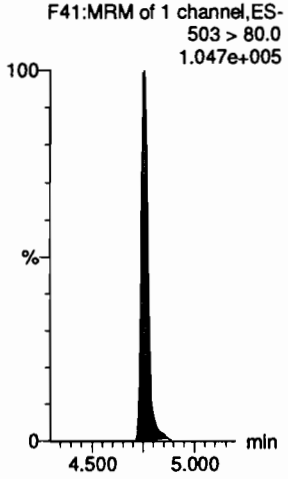
18O2-PFHxS



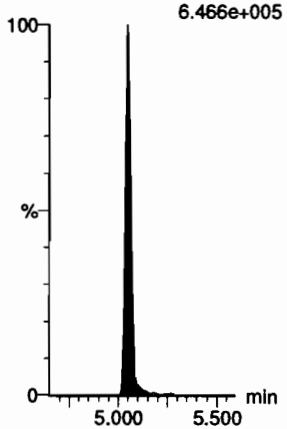
13C9-PFNA



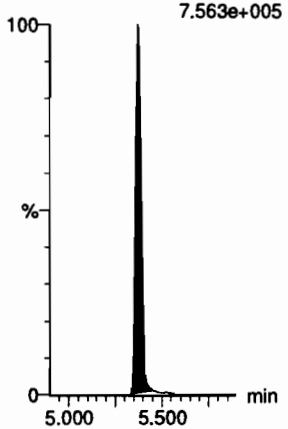
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-94.qld

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Name: 200708M1_94, Date: 09-Jul-2020, Time: 07:00:01, ID: ST200708M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

1	PFBA	213.0 > 169.0	5088.619	4470.908	1.00	1.33	14.227	10.000	10.0	100.3	NO		
2	PFPrS	248.9 > 79.9	2268.094	1626.883	1.00	1.67	17.427	10.000	10.4	104.2	NO	2.126	NO
3	3:3 FTCA	241.1 > 177.0	389.843	7102.052	1.00	2.14	0.686	10.000	9.61	96.1	NO	2.330	NO
4	PFPeA	263.1 > 218.9	5279.612	7102.052	1.00	2.29	9.292	10.000	9.64	96.4	NO		
5	PFBS	299.0 > 79.7	2742.349	1626.883	1.00	2.58	21.071	10.000	10.8	107.9	NO	2.784	NO
6	4:2 FTS	327.0 > 306.9	5814.556	2583.994	1.00	3.02	28.128	10.000	10.5	105.0	NO	1.815	NO
47	13C3-PFBA-EIS	216.1 > 171.8	4470.908		1.00	1.33	4470.908	12.500	13.5	108.3	NO		
51	13C3-PFBS-EIS	302.0 > 99	1626.883		1.00	2.57	1626.883	12.500	12.9	103.5	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	7102.052		1.00	2.29	7102.052	12.500	14.5	116.2	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8	7102.052		1.00	2.29	7102.052	12.500	14.5	116.2	NO		
51	13C3-PFBS-EIS	302.0 > 99	1626.883		1.00	2.57	1626.883	12.500	12.9	103.5	NO		
55	13C2-4:2 FTS-EIS	329.0 >79.9	2583.994		1.00	3.02	2583.994	12.500	12.4	98.9	NO		
-1													
7	PFHxA	313.0 > 269.0	11870.300	12644.866	1.00	3.11	11.734	10.000	10.4	103.5	NO	19.001	NO
8	PFPeS	349.0 > 80.0	2846.263	1626.883	1.00	3.32	21.869	10.000	10.2	102.0	NO	1.699	NO
9	HFPO-DA	285.1 > 168.9	704.659	984.059	1.00	3.34	8.951	10.000	10.0	100.0	NO	2.123	NO
10	5:3 FTCA	340.9 > 236.9	2045.347	7426.831	1.00	3.66	3.442	10.000	9.53	95.3	NO	1.523	NO
11	PFHpA	363.0 > 318.9	7830.986	7426.831	1.00	3.72	13.180	10.000	11.3	112.8	NO	10.858	NO
12	ADONA	376.8 > 250.9	29761.240	7426.831	1.00	3.83	50.091	10.000	10.5	104.5	NO	3.761	NO
57	13C2-PFHxA-EIS	315.0 > 270.0	12644.866		1.00	3.11	12644.866	12.500	13.4	107.3	NO		
51	13C3-PFBS-EIS	302.0 > 99	1626.883		1.00	2.57	1626.883	12.500	12.9	103.5	NO		
53	13C3-HFPO-DA-EIS	287.0 > 168.9	984.059		1.00	3.33	984.059	12.500	13.5	107.9	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	7426.831		1.00	3.72	7426.831	12.500	12.9	103.6	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	7426.831		1.00	3.72	7426.831	12.500	12.9	103.6	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8	7426.831		1.00	3.72	7426.831	12.500	12.9	103.6	NO		
-1													
13	L-PFHxS	399 > 80.0	3365.178	3670.990	1.00	3.87	11.459	10.000	10.5	105.0	NO	1.676	NO
15	6:2 FTS	427 > 407.0	5571.830	2249.321	1.00	4.18	30.964	10.000	10.6	106.4	NO	2.137	NO
16	L-PFOA	412.8 > 368.9	19023.385	15785.761	1.00	4.24	15.064	10.000	10.1	100.7	NO	3.864	NO
18	PFecHS	460.8 > 381.0	5744.347	15785.761	1.00	4.25	4.549	10.000	9.95	99.5	NO	1.010	NO
19	PFHpS	448.9 > 80.0	2943.923	4230.679	1.00	4.35	8.698	10.000	8.44	84.4	NO	1.906	NO
20	7:3 FTCA	441.0 > 337.0	3543.083	14611.635	1.00	4.66	3.031	10.000	8.58	85.8	NO	1.384	NO
61	13C3-PFHxS-EIS	401.8 > 79.9	3670.990		1.00	3.87	3670.990	12.500	12.7	101.7	NO		
63	13C2-6:2 FTS-EIS	429.0 >79.9	2249.321		1.00	4.18	2249.321	12.500	11.8	94.5	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	15785.761		1.00	4.24	15785.761	12.500	13.9	111.2	NO		
69	13C2-PFOA-EIS	414.9 > 369.7	15785.761		1.00	4.24	15785.761	12.500	13.9	111.2	NO		

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Name: 200708M1_94, Date: 09-Jul-2020, Time: 07:00:01, ID: ST200708M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

73 13C8-PFOS-EIS	507.0 > 80	4230.679		1.00	4.75	4230.679	12.500	13.2	105.2	NO		
65 13C5-PFNA-EIS	468.2 > 422.9	14611.635		1.00	4.68	14611.635	12.500	14.4	115.2	NO		
-1												
21 PFNA	463.0 > 418.8	14190.067	14611.635	1.00	4.68	12.139	10.000	9.98	99.8	NO	3.676	NO
22 PFOSA	498.0 > 78.0	4456.711	5500.133	1.00	4.72	10.129	10.000	10.8	108.5	NO	27.997	NO
23 L-PFOS	499 > 80	3449.048	4230.679	1.00	4.76	10.191	10.000	9.13	91.3	NO	2.016	NO
25 9Cl-PF30NS	531 > 351.0	12586.766	4230.679	1.00	4.98	37.189	10.000	8.79	87.9	NO	21.531	NO
26 PFDA	513 > 468.8	17750.867	14589.693	1.00	5.05	15.208	10.000	10.8	108.3	NO	5.637	NO
27 8:2 FTS	526.9 > 507.0	5063.738	2162.695	1.00	5.02	29.268	10.000	11.6	115.6	NO	1.749	NO
65 13C5-PFNA-EIS	468.2 > 422.9	14611.635		1.00	4.68	14611.635	12.500	14.4	115.2	NO		
67 13C8-PFOSA-EIS	506. > 78	5500.133		1.00	4.72	5500.133	12.500	12.2	97.5	NO		
73 13C8-PFOS-EIS	507.0 > 80	4230.679		1.00	4.75	4230.679	12.500	13.2	105.2	NO		
73 13C8-PFOS-EIS	507.0 > 80	4230.679		1.00	4.75	4230.679	12.500	13.2	105.2	NO		
75 13C2-PFDA-EIS	515.1 > 469.9	14589.693		1.00	5.05	14589.693	12.500	14.0	112.1	NO		
77 13C2-8:2 FTS-EIS	528.9 > 79.9	2162.695		1.00	5.02	2162.695	12.500	10.9	87.4	NO		
-1												
28 PFNS	548.9 > 79.9	3736.610	4230.679	1.00	5.11	11.040	10.000	10.5	104.6	NO	1.633	NO
29 L-MeFOSAA	570 > 419	8521.831	11510.668	1.00	5.20	9.254	10.000	9.98	99.8	NO	2.857	NO
31 L-EtFOSAA	583.9 > 419	8292.571	10857.338	1.00	5.36	9.547	10.000	10.3	102.5	NO	1.420	NO
33 PFUdA	563.0 > 518.9	15954.204	22095.561	1.00	5.38	9.026	10.000	9.69	96.9	NO	7.912	NO
34 PFDS	599.0 > 80.0	2771.711	4230.679	1.00	5.42	8.189	10.000	8.36	83.6	NO	1.098	NO
35 11Cl-PF30UdS	630.9 > 450.9	11093.735	23863.684	1.00	5.59	5.811	10.000	10.4	104.0	NO	22.142	NO
73 13C8-PFOS-EIS	507.0 > 80	4230.679		1.00	4.75	4230.679	12.500	13.2	105.2	NO		
79 d3-N-MeFOSAA-EIS	573. > 419	11510.668		1.00	5.20	11510.668	12.500	12.6	101.0	NO		
83 d5-N-EtFOSAA-EIS	589. > 419	10857.338		1.00	5.36	10857.338	12.500	12.8	102.3	NO		
81 13C2-PFUdA-EIS	565 > 519.8	22095.561		1.00	5.38	22095.561	12.500	12.2	97.2	NO		
73 13C8-PFOS-EIS	507.0 > 80	4230.679		1.00	4.75	4230.679	12.500	13.2	105.2	NO		
85 13C2-PFDoA-EIS	615 > 570	23863.684		1.00	5.66	23863.684	12.500	11.8	94.6	NO		
-1												
36 10:2 FTS	626.9 > 607	4269.346	1748.366	1.00	5.65	30.524	10.000	9.47	94.7	NO	1.527	NO
37 PFDoA	612.9 > 569.0	18843.039	23863.684	1.00	5.66	9.870	10.000	10.2	101.9	NO	8.267	NO
38 N-MeFOSA	512.1 > 168.9	6057.144	16718.037	1.00	5.65	54.057	50.000	51.5	103.0	NO	1.451	NO
39 PFTrDA	662.9 > 618.9	19688.607	23863.684	1.00	5.91	10.313	10.000	11.2	111.6	NO	9.472	NO
40 PFDoS	698.9 > 80	3608.263	17069.574	1.00	5.93	2.642	10.000	9.47	94.7	NO	1.668	NO
41 PFTeDA	713.0 > 669.0	20101.699	17069.574	1.00	6.12	14.720	10.000	10.3	102.9	NO	14.540	NO
87 13C2-10:2 FTS-EIS	633 > 79.9	1748.366		1.00	5.65	1748.366	12.500	14.1	112.5	NO		

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Name: 200708M1_94, Date: 09-Jul-2020, Time: 07:00:01, ID: ST200708M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

85 13C2-PFDoA-EIS	615 > 570	23863.684		1.00	5.66	23863.684	12.500	11.8	94.6	NO		
89 d3-N-MeFOSA-EIS	515.2 > 168.9	16718.037		1.00	5.68	16718.037	149.200	161	108.2	NO		
85 13C2-PFDoA-EIS	615 > 570	23863.684		1.00	5.66	23863.684	12.500	11.8	94.6	NO		
91 13C2-PFTeDA-EIS	715.1 > 669.7	17069.574		1.00	6.12	17069.574	12.500	12.9	103.3	NO		
91 13C2-PFTeDA-EIS	715.1 > 669.7	17069.574		1.00	6.12	17069.574	12.500	12.9	103.3	NO		
-1												
42 N-EtFOSA	526.1 > 168.9	7378.809	25340.820	1.00	6.09	43.444	50.000	51.4	102.7	NO	1.541	NO
43 PFHxDA	813.1 > 768.6	12702.534	25225.842	1.00	6.44	6.294	10.000	9.73	97.3	NO	20.274	NO
44 PFODA	913 > 869	21226.684	25225.842	1.00	6.67	10.518	10.000	10.1	101.1	NO		
45 N-MeFOSE	616.1 > 58.9	4237.161	12339.024	1.00	6.31	51.235	50.000	54.1	108.2	NO		
46 N-EtFOSE	630.1 > 58.9	5036.126	13665.038	1.00	6.45	54.986	50.000	49.4	98.8	NO		
48 13C3-PFBA-RSD	216.1 > 171.8	4470.908	6575.683	1.00	1.33	8.499	12.500	12.6	100.8	NO		
93 d5-N-ETFOSA-EIS	531.1 > 168.9	25340.820		1.00	6.11	25340.820	149.200	166	111.5	NO		
95 13C2-PFHxDA-EIS	815 > 769.7	25225.842		1.00	6.44	25225.842	12.500	12.7	101.4	NO		
95 13C2-PFHxDA-EIS	815 > 769.7	25225.842		1.00	6.44	25225.842	12.500	12.7	101.4	NO		
97 d7-N-MeFOSE-EIS	623.1 > 58.9	12339.024		1.00	6.30	12339.024	149.200	155	103.9	NO		
99 d9-N-EtFOSE-EIS	639.2 > 58.8	13665.038		1.00	6.44	13665.038	149.200	165	110.7	NO		
50 13C3-PFPeA-RSD	266.0 > 221.8	7102.120	15488.382	1.00	2.29	5.732	12.500	12.9	103.1	NO		
-1												
52 13C3-PFBS-RSD	302.0 > 99	1626.883	2055.072	1.00	2.57	9.896	12.500	13.0	103.7	NO		
54 13C3-HFPO-DA-RSD	287.0 > 168.9	984.059	15488.382	1.00	3.33	0.794	12.500	12.5	99.8	NO		
56 13C2-4:2 FTS-RSD	329.0 >79.9	2596.554	2055.072	1.00	3.02	15.794	12.500	13.0	103.7	NO		
58 13C2-PFHxA-RSD	315.0 > 270.0	12644.866	15488.382	1.00	3.11	10.205	12.500	12.0	96.3	NO		
60 13C4-PFHpA-RSD	367.2 > 321.8	7426.831	15488.382	1.00	3.72	5.994	12.500	12.0	96.3	NO		
62 13C3-PFHxS-RSD	401.8 > 79.9	3673.231	2055.072	1.00	3.87	22.342	12.500	12.8	102.7	NO		
64 13C2-6:2 FTS-RSD	429.0 >79.9	2249.321	4361.855	1.00	4.18	6.446	12.500	11.9	95.4	NO		
66 13C5-PFNA-RSD	468.2 > 422.9	14611.635	15686.948	1.00	4.68	11.643	12.500	12.6	101.2	NO		
68 13C8-PFOSA-RSD	506. > 78	5510.801	25042.861	1.00	4.72	2.751	12.500	11.9	95.6	NO		
70 13C2-PFOA-RSD	414.9 > 369.7	15785.761	24127.229	1.00	4.24	8.178	12.500	12.4	99.2	NO		
74 13C8-PFOS-RSD	507.0 > 80	4230.679	4361.855	1.00	4.75	12.124	12.500	12.6	100.7	NO		
76 13C2-PFDA-RSD	515.1 > 469.9	14589.693	20008.316	1.00	5.05	9.115	12.500	12.4	99.0	NO		
-1												
78 13C2-8:2 FTS-RSD	528.9 > 79.9	2173.138	4361.855	1.00	5.02	6.228	12.500	10.6	84.6	NO		
80 d3-N-MeFOSAA-RSD	573. > 419	11510.668	25042.861	1.00	5.20	5.745	12.500	12.1	96.5	NO		
82 13C2-PFUdA-RSD	565 > 519.8	22095.561	25042.861	1.00	5.38	11.029	12.500	12.6	100.5	NO		
84 d5-N-EtFOSAA-RSD	589. > 419	10857.338	25042.861	1.00	5.36	5.419	12.500	13.0	103.7	NO		

FBR 7/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-94.qld

Last Altered: Thursday, July 09, 2020 11:17:24 Pacific Daylight Time
Printed: Thursday, July 09, 2020 12:23:52 Pacific Daylight Time

Name: 200708M1_94, Date: 09-Jul-2020, Time: 07:00:01, ID: ST200708M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

86	13C2-PFDoA-RSD	615 > 570	23863.684	20008.316	1.00	5.66	14.909	12.500	11.4	91.2	NO
88	13C2-10:2 FTS-RSD	633 > 79.9	1748.366	4361.855	1.00	5.65	5.010	12.500	11.9	95.3	NO
90	d3-N-MeFOSA-RSD	515.2 > 168.9	16718.037	25042.861	1.00	5.68	8.345	149.200	151	101.4	NO
92	13C2-PFTeDA-RSD	715.1 > 669.7	17069.574	25042.861	1.00	6.12	8.520	12.500	12.7	101.5	NO
94	d5-N-ETFOSA-RSD	531.1 > 168.9	25340.820	25042.861	1.00	6.11	12.649	149.200	158	106.0	NO
96	13C2-PFHxDA-RSD	815 > 769.7	25275.717	25042.861	1.00	6.44	12.616	12.500	12.3	98.8	NO
98	d7-N-MeFOSE-RSD	623.1 > 58.9	12330.326	25042.861	1.00	6.30	6.155	149.200	145	97.3	NO
1...	d9-N-EtFOSE-RSD	639.2 > 58.8	13651.157	25042.861	1.00	6.44	6.814	149.200	158	105.9	NO
-1											
1...	13C4-PFBA	217.0 > 172.0	6575.683	6575.683	1.00	1.33	12.500	12.500	12.5	100.0	NO
1...	13C5-PFHxA	318.0 > 272.9	15488.382	15488.382	1.00	3.11	12.500	12.500	12.5	100.0	NO
1...	13C8-PFOA	420.9 > 376.0	24127.229	24127.229	1.00	4.24	12.500	12.500	12.5	100.0	NO
1...	18O2-PFHxS	403.0 > 103.0	2055.072	2055.072	1.00	3.87	12.500	12.500	12.5	100.0	NO
1...	13C9-PFNA	472.2 > 426.9	15686.948	15686.948	1.00	4.68	12.500	12.500	12.5	100.0	NO
1...	13C4-PFOS	503 > 80.0	4361.855	4361.855	1.00	4.76	12.500	12.500	12.5	100.0	NO
1...	13C6-PFDA	519.1 > 473.7	20008.316	20008.316	1.00	5.05	12.500	12.500	12.5	100.0	NO
1...	13C7-PFUdA	570.1 > 524.8	25042.861	25042.861	1.00	5.37	12.500	12.500	12.5	100.0	NO

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Dataset: Untitled

Last Altered: Thursday, July 09, 2020 12:27:59 Pacific Daylight Time
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

Compound name: PFBA

1	200708M1_1	IPA	08-Jul-20	14:48:54
2	200708M1_2	IPA	08-Jul-20	14:59:15
3	200708M1_3	ST200708M1-1 PFC CS-2 20F1901	08-Jul-20	15:09:37
4	200708M1_4	ST200708M1-2 PFC CS-1 20F1902	08-Jul-20	15:20:19
5	200708M1_5	ST200708M1-3 PFC CS0 20F1903	08-Jul-20	15:30:45
6	200708M1_6	ST200708M1-4 PFC CS1 20F1904	08-Jul-20	15:41:09
7	200708M1_7	ST200708M1-5 PFC CS2 20F1905	08-Jul-20	15:51:35
8	200708M1_8	ST200708M1-6 PFC CS3 20F1906	08-Jul-20	16:01:57
9	200708M1_9	ST200708M1-7 PFC CS4 20F1907	08-Jul-20	16:12:19
10	200708M1_10	ST200708M1-8 PFC CS5 20F1908	08-Jul-20	16:22:41
11	200708M1_11	ST200708M1-9 PFC CS6 20F1909	08-Jul-20	16:33:04
12	200708M1_12	ST200708M1-10 PFC CS7 20F1910	08-Jul-20	16:43:26
13	200708M1_13	IB	08-Jul-20	16:53:48
14	200708M1_14	ICV200708M1-1 PFC ICV 20F1911	08-Jul-20	17:04:11
15	200708M1_15	IB	08-Jul-20	17:14:33
16	200708M1_16	B0F0229-BLK1 Method Blank 1	08-Jul-20	17:24:55
17	200708M1_17	B0F0229-BS1 OPR 1	08-Jul-20	17:35:19
18	200708M1_18	2001303-01 B1 (20') 1.11	08-Jul-20	17:45:44
19	200708M1_19	2001303-02 MB6 (0-1) 1.14	08-Jul-20	17:56:06
20	200708M1_20	2001303-03 MB6 (2-3) 1.15	08-Jul-20	18:11:45
21	200708M1_21	2001303-04 MB5 (0-1) 1.17	08-Jul-20	18:22:06
22	200708M1_22	2001303-05 B1 (40') 1.13	08-Jul-20	18:32:28
23	200708M1_23	2001303-06 B1 (dup) 1.12	08-Jul-20	18:42:54
24	200708M1_24	2001303-07 MB (dupA) 1.16	08-Jul-20	18:53:16
25	200708M1_25	2001303-08 MB5 (2-3) 1.17	08-Jul-20	19:03:38
26	200708M1_26	2001303-09 MB4 (0-1) 1.15	08-Jul-20	19:14:01
27	200708M1_27	2001303-10 MB4 (2-3) 1.17	08-Jul-20	19:24:23
28	200708M1_28	ST200708M1-11 PFC CS3 20F1906	08-Jul-20	19:34:45
29	200708M1_29	IB	08-Jul-20	19:45:07
30	200708M1_30	2001303-11 B1 (60) 1.09	08-Jul-20	19:55:30
31	200708M1_31	2001303-13 MB3 (0-1) 1.15	08-Jul-20	20:05:52
32	200708M1_32	2001303-14 MB3 (2-3) 1.18	08-Jul-20	20:16:14

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Last Altered: Thursday, July 09, 2020 12:27:59 Pacific Daylight Time
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Compound name: PFBA

33	200708M1_33	2001303-15 B1 (80') 1.14	08-Jul-20	20:26:36
34	200708M1_34	2001303-17 B1 (100') 1.13	08-Jul-20	20:36:58
35	200708M1_35	2001303-18 B1 (120') 1.08	08-Jul-20	20:47:21
36	200708M1_36	2001345-06 Septic Receiving 0.11338	08-Jul-20	20:57:43
37	200708M1_37	B0F0232-BLK1 Method Blank 0.25	08-Jul-20	21:08:05
38	200708M1_38	B0F0232-BS1 OPR 0.25	08-Jul-20	21:18:28
39	200708M1_39	B0F0232-BSD1 LCSD 0.25	08-Jul-20	21:28:49
40	200708M1_40	2001334-01 SMW08A-20Q2 0.25619	08-Jul-20	21:39:12
41	200708M1_41	2001334-02 MW-17-20Q2 0.24409	08-Jul-20	21:49:34
42	200708M1_42	2001334-03 SMW09Ar-20Q2 0.25034	08-Jul-20	21:59:57
43	200708M1_43	ST200708M1-12 PFC CS3 20F1906	08-Jul-20	22:10:19
44	200708M1_44	IB	08-Jul-20	22:20:41
45	200708M1_45	2001334-04 SMW08B-20Q2 0.25034	08-Jul-20	22:31:03
46	200708M1_46	2001334-05 SMW09Br-20Q2 0.24773	08-Jul-20	22:41:25
47	200708M1_47	2001334-06 MW-27-20Q2 0.24972	08-Jul-20	22:51:48
48	200708M1_48	2001334-07 MW-27-20Q2-D 0.25703	08-Jul-20	23:02:09
49	200708M1_49	2001334-08 MW-26-20Q2 0.25311	08-Jul-20	23:12:32
50	200708M1_50	2001334-09 MW-11-20Q2 0.25686	08-Jul-20	23:22:54
51	200708M1_51	2001334-10 SMW07A-20Q2 0.24588	08-Jul-20	23:33:19
52	200708M1_52	2001368-10 CHFZ10-EB01-062420 0.10762	08-Jul-20	23:43:43
53	200708M1_53	B0F0251-BLK1 Method Blank 0.25	08-Jul-20	23:54:09
54	200708M1_54	B0F0251-BS1 OPR 0.25	09-Jul-20	00:04:31
55	200708M1_55	B0F0251-BSD1 LCSD 0.25	09-Jul-20	00:14:52
56	200708M1_56	2001359-01 DFSPN_GWTS_Effluent_PFC_06-24-20 0.2474	09-Jul-20	00:25:15
57	200708M1_57	2001359-02 DFSPN_FieldBlank_06-24-20 0.25769	09-Jul-20	00:35:40
58	200708M1_58	2001359-03 DFSPN_TripBlank_06-24-20 0.25124	09-Jul-20	00:46:04
59	200708M1_59	B0F0259-BLK1 Method Blank 0.25	09-Jul-20	00:56:30
60	200708M1_60	B0F0259-BS1 OPR 0.25	09-Jul-20	01:06:55
61	200708M1_61	B0F0259-BSD1 LCSD 0.25	09-Jul-20	01:17:19
62	200708M1_62	2001362-01 QCTB-1 0.25825	09-Jul-20	01:27:44
63	200708M1_63	2001362-02 QCFB-1 0.26034	09-Jul-20	01:38:06
64	200708M1_64	ST200708M1-13 PFC CS3 20F1906	09-Jul-20	01:48:28
65	200708M1_65	IB	09-Jul-20	01:58:51
66	200708M1_66	2001362-03 GMW-17 0.25351	09-Jul-20	02:09:13
67	200708M1_67	2001362-04 GMW-24 0.25105	09-Jul-20	02:19:35
68	200708M1_68	2001362-05 GMW-25 0.24992	09-Jul-20	02:29:58

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Last Altered: Thursday, July 09, 2020 12:27:59 Pacific Daylight Time
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Compound name: PFBA

69	200708M1_69	2001362-06 DUP-1 0.25176	09-Jul-20	02:40:20
70	200708M1_70	2001362-07 GMW-26 0.25681	09-Jul-20	02:50:42
71	200708M1_71	2001362-08 QCEB-1 0.2468	09-Jul-20	03:01:04
72	200708M1_72	ST200708M1-14 PFC CS0 20F1903	09-Jul-20	03:11:27
73	200708M1_73	IB	09-Jul-20	03:21:49
74	200708M1_74	B0F0172-BLK1 Method Blank 0.25	09-Jul-20	03:32:11
75	200708M1_75	B0F0172-BS1 OPR 0.25	09-Jul-20	03:42:33
76	200708M1_76	2001276-01 Equipment Blank-1 0.22934	09-Jul-20	03:52:56
77	200708M1_77	2001276-03 Field Blank 0.24862	09-Jul-20	04:03:18
78	200708M1_78	2001276-04 MW-20-02 0.26126	09-Jul-20	04:13:40
79	200708M1_79	2001276-07 Duplicate-1 0.24702	09-Jul-20	04:24:02
80	200708M1_80	B0F0189-BLK1 Method Blank 0.25	09-Jul-20	04:34:25
81	200708M1_81	B0F0189-BS1 OPR 0.25	09-Jul-20	04:44:47
82	200708M1_82	2001239-10RE1 PZ15B 0.1124	09-Jul-20	04:55:12
83	200708M1_83	2001239-13RE1 WT11 0.11553	09-Jul-20	05:05:37
84	200708M1_84	2001316-01 IN-30 0.25087	09-Jul-20	05:16:02
85	200708M1_85	2001316-02 OUT-30 0.24195	09-Jul-20	05:26:27
86	200708M1_86	2001399-01 IN-42 0.2464	09-Jul-20	05:36:52
87	200708M1_87	2001399-02 OUT-42 0.23307	09-Jul-20	05:47:17
88	200708M1_88	B0G0024-BLK1 Method Blank 1	09-Jul-20	05:57:40
89	200708M1_89	B0G0024-BS1 OPR 1	09-Jul-20	06:08:02
90	200708M1_90	2001247-01RE1 Ahlquist 33.86	09-Jul-20	06:18:24
91	200708M1_91	B0G0027-BLK1 Method Blank 1	09-Jul-20	06:28:46
92	200708M1_92	B0G0027-BS1 OPR 1	09-Jul-20	06:39:11
93	200708M1_93	2001299-04RE1 AB-8 (0.5-1) 1.21	09-Jul-20	06:49:35
94	200708M1_94	ST200708M1-15 PFC CS3 20F1906	09-Jul-20	07:00:01
95	200708M1_95	IB	09-Jul-20	07:10:26
96	200708M1_96	2001299-05RE1 AB-8 (7.5-8) 1.52	09-Jul-20	07:20:50
97	200708M1_97	2001299-06RE1 AB-9 (0.5-1) 1.2	09-Jul-20	07:31:15
98	200708M1_98	2001299-07RE1 AB-9 (5.5-6) 1.47	09-Jul-20	07:41:39
99	200708M1_99	2001370-03 VAS-4-062420-66-70' 0.25911	09-Jul-20	07:52:05
100	200708M1_100	2001370-04 VAS-4-062420-61-65' 0.26036	09-Jul-20	08:02:27
101	200708M1_101	2001370-05 VAS-4-062420-56-60' 0.25849	09-Jul-20	08:12:49
102	200708M1_102	2001370-06 VAS-4-062420-51-55' 0.26018	09-Jul-20	08:23:11
103	200708M1_103	ST200708M1-16 PFC CS3 20F1906	09-Jul-20	08:33:34
104	200708M1_104	IB	09-Jul-20	08:43:56

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Last Altered: Thursday, July 09, 2020 12:27:59 Pacific Daylight Time
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Compound name: PFBA

105	200708M1_105	2001370-09 VAS-4-062420-36-40' 0.25562	09-Jul-20	08:54:18
106	200708M1_106	2001370-13 VAS-4-DUP-01 0.26383	09-Jul-20	09:04:40
107	200708M1_107	2001369-02 VAS-3-062320-66-70' 0.24919	09-Jul-20	09:15:06
108	200708M1_108	2001369-03 VAS-3-062320-61-65' 0.25762	09-Jul-20	09:25:31
109	200708M1_109	2001369-04 VAS-3-062420-56-60' 0.24599	09-Jul-20	09:35:53
110	200708M1_110	2001386-01@5X WMP2006290935JSJ 0.24789	09-Jul-20	09:46:15
111	200708M1_111	2001386-02@5X WMP2006290937JSJ 0.25494	09-Jul-20	09:56:38
112	200708M1_112	ST200708M1-17 PFC CS3 20F1906	09-Jul-20	10:07:00
113	200708M1_113	IB	09-Jul-20	10:17:22

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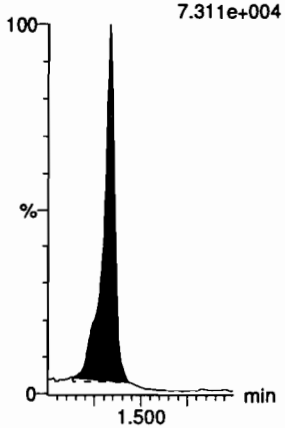
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-94.qld

Last Altered: Thursday, July 09, 2020 11:17:24 Pacific Daylight Time
Printed: Thursday, July 09, 2020 12:23:52 Pacific Daylight Time

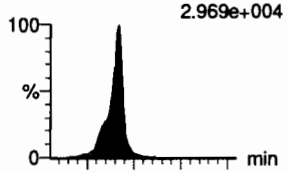
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

Name: 200708M1_94, Date: 09-Jul-2020, Time: 07:00:01, ID: ST200708M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

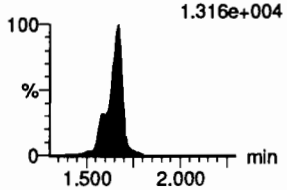
PFBA
F2:MRM of 1 channel,ES-
213.0 > 169.0
7.311e+004



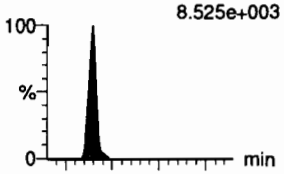
PFPrS
F6:MRM of 2 channels,ES-
248.9 > 79.9
2.969e+004



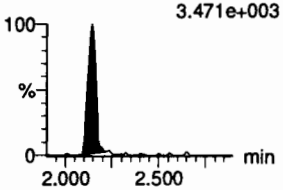
F6:MRM of 2 channels,ES-
248.9 > 98.9
1.316e+004



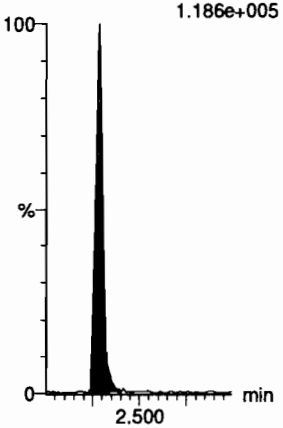
3:3 FTCA
F5:MRM of 2 channels,ES-
241.1 > 177.0
8.525e+003



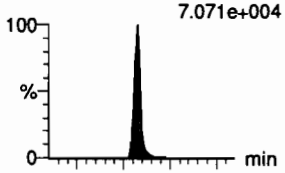
F5:MRM of 2 channels,ES-
241.1 > 117.0
3.471e+003



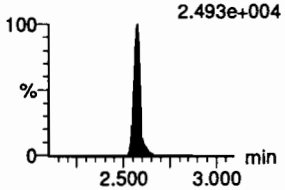
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
1.186e+005



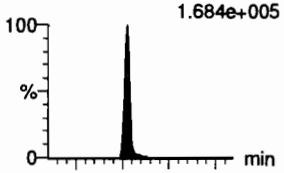
PFBS
F11:MRM of 2 channels,ES-
299.0 > 79.7
7.071e+004



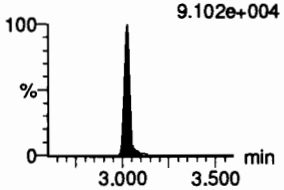
F11:MRM of 2 channels,ES-
299.0 > 99.0
2.493e+004



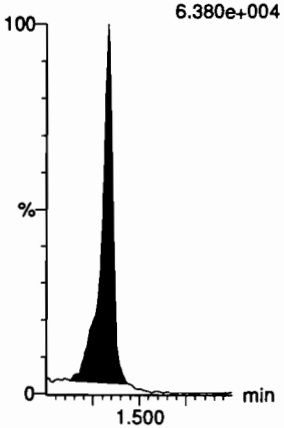
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 306.9
1.684e+005



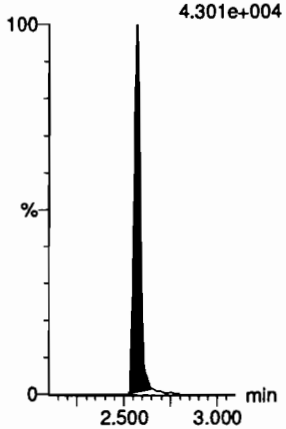
F16:MRM of 2 channels,ES-
327.0 > 80.9
9.102e+004



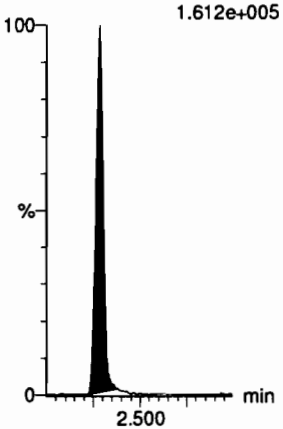
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
6.380e+004



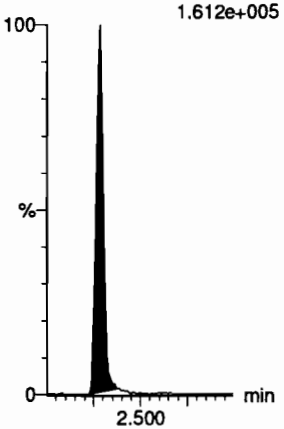
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
4.301e+004



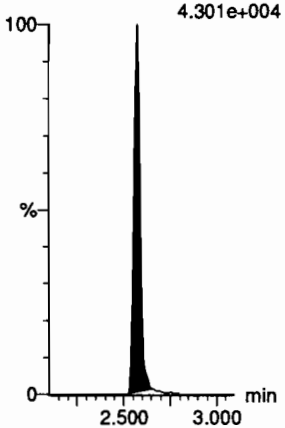
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.612e+005



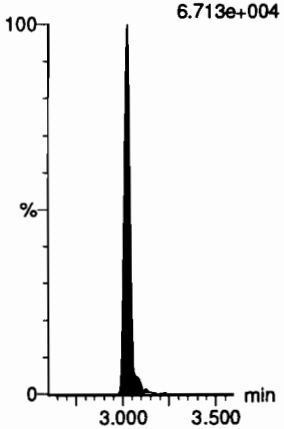
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.612e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
4.301e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.713e+004



FBR 7/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-94.qld

Last Altered: Thursday, July 09, 2020 11:17:24 Pacific Daylight Time
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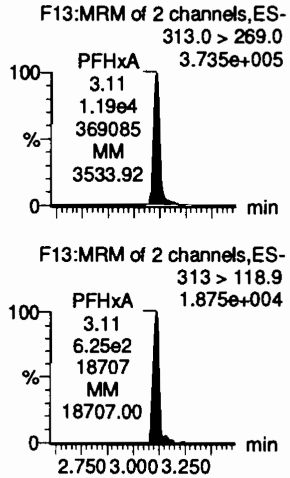
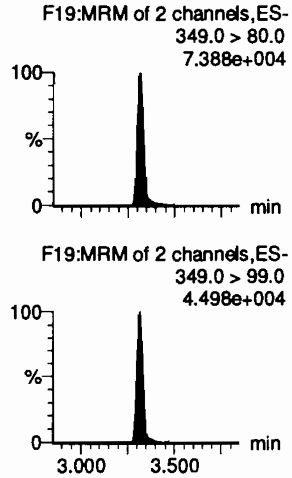
Name: 200708M1_94, Date: 09-Jul-2020, Time: 07:00:01, ID: ST200708M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

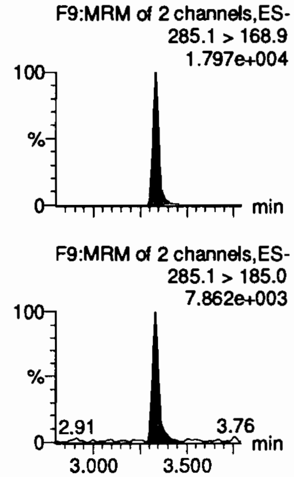
PFHxA



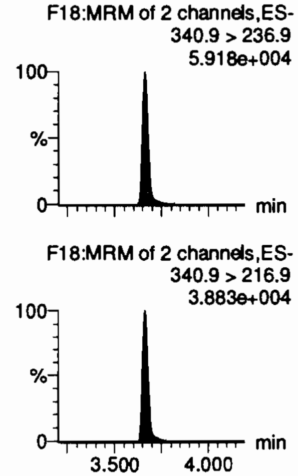
PFPeS



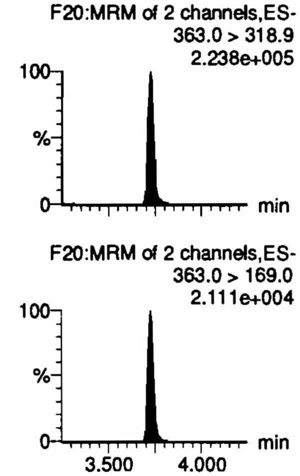
HFPO-DA



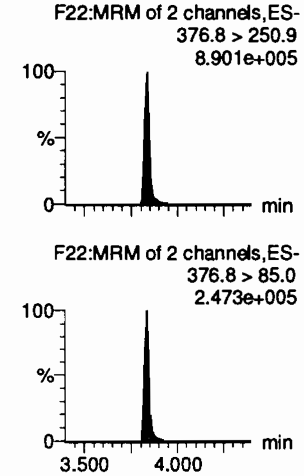
5:3 FTCA



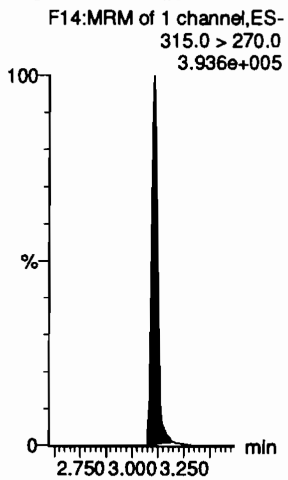
PFHpA



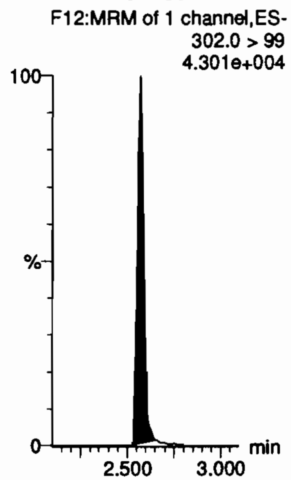
ADONA



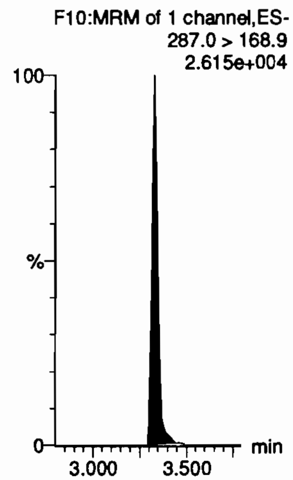
13C2-PFHxA-EIS



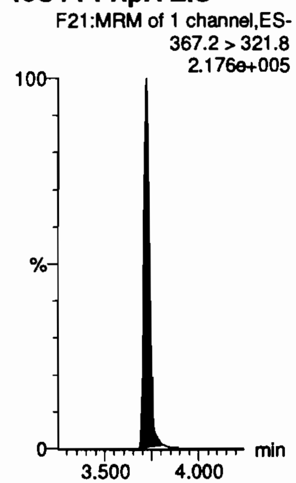
13C3-PFBS-EIS



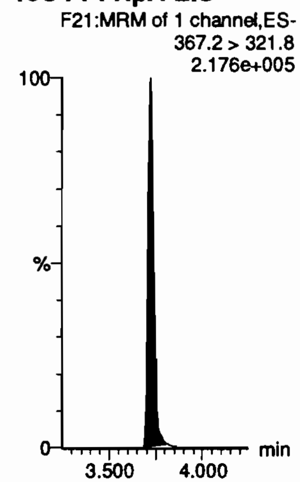
13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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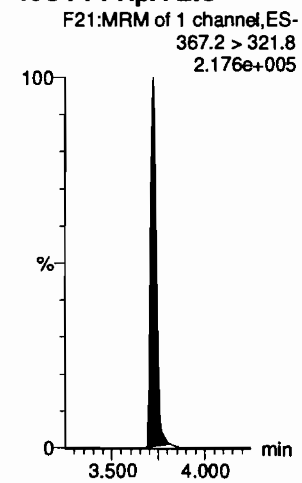

FBR 7/9/2020

Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-94.qld

Last Altered: Thursday, July 09, 2020 11:17:24 Pacific Daylight Time
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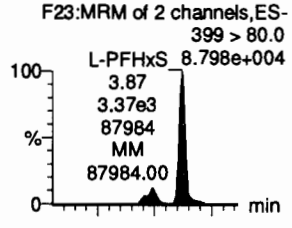
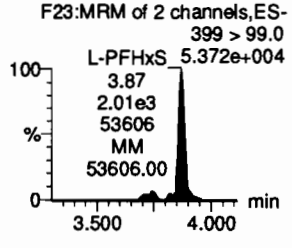
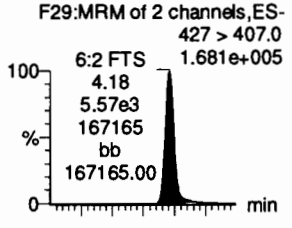
Name: 200708M1_94, Date: 09-Jul-2020, Time: 07:00:01, ID: ST200708M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

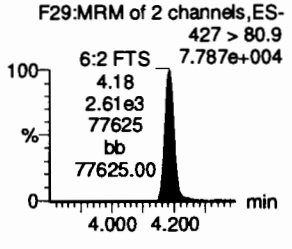
L-PFHxS



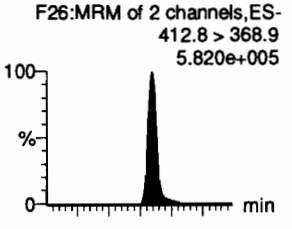


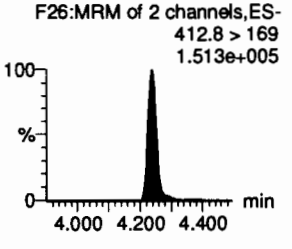
6:2 FTS



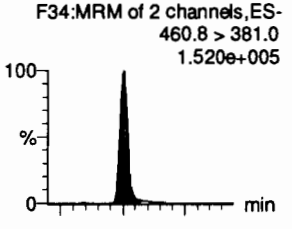


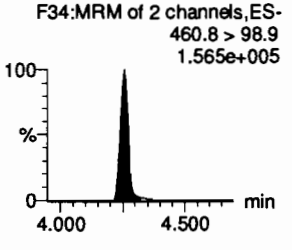
L-PFOA



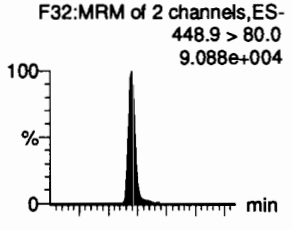


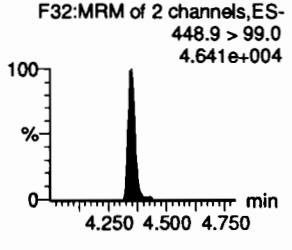
PFEChS



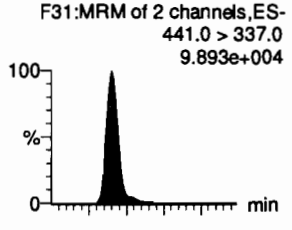


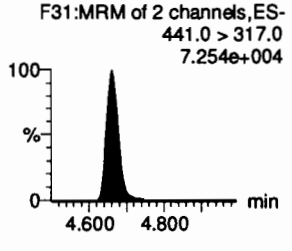
PFHpS



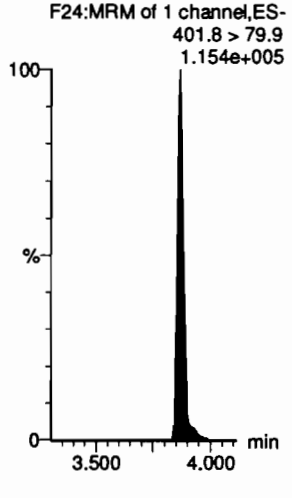


7:3 FTCA

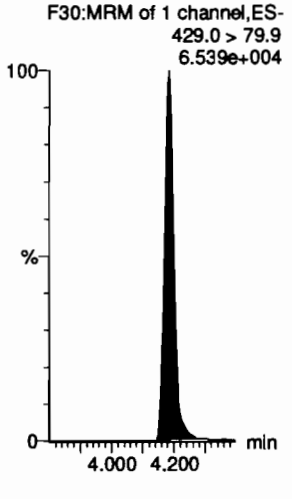




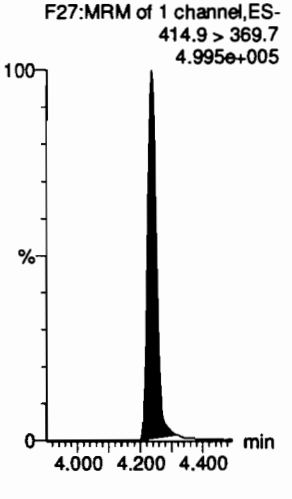
13C3-PFHxS-EIS



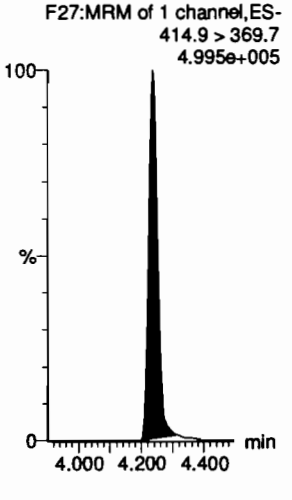
13C2-6:2 FTS-EIS



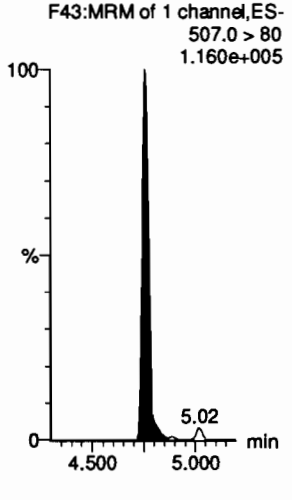
13C2-PFOA-EIS



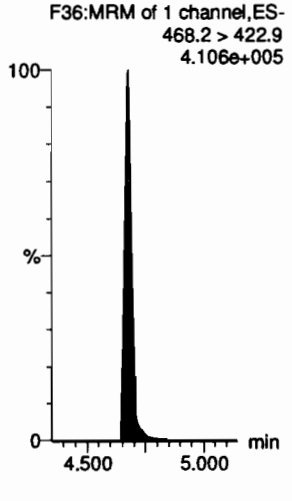
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-94.qld

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Name: 200708M1_94, Date: 09-Jul-2020, Time: 07:00:01, ID: ST200708M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

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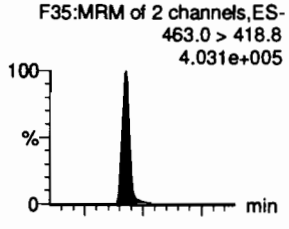

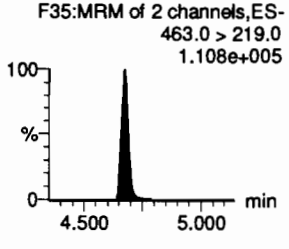

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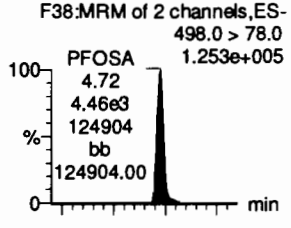
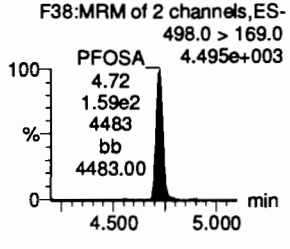
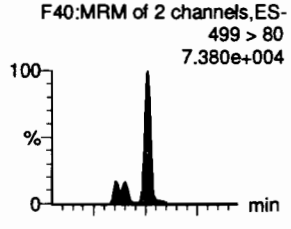
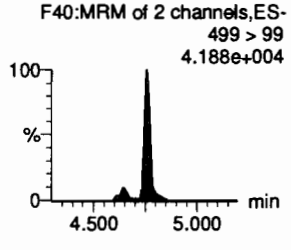


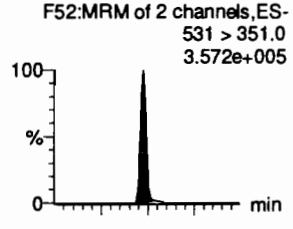


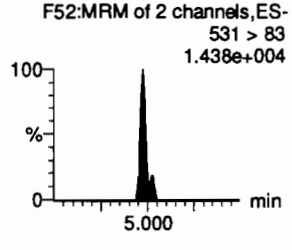
L-PFOS



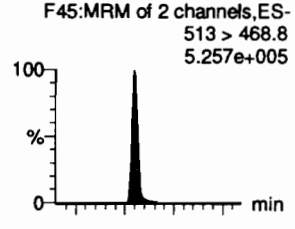


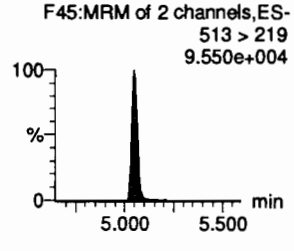
9Cl-PF30NS



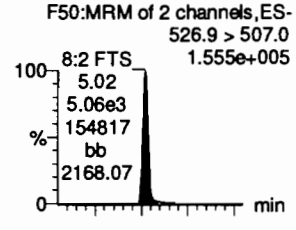


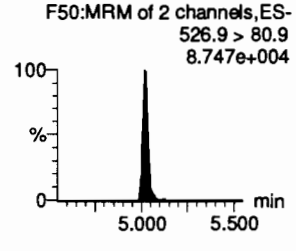
PFDA



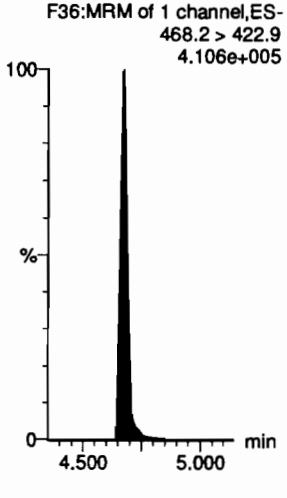


8:2 FTS

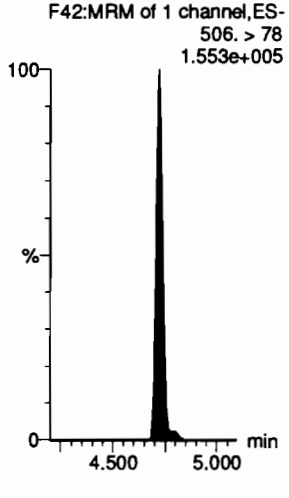




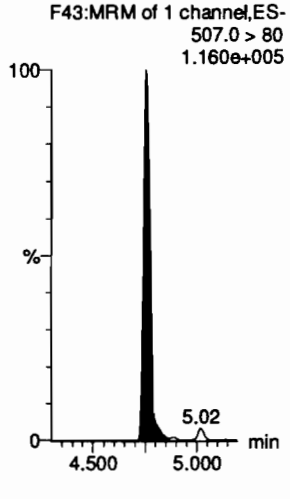
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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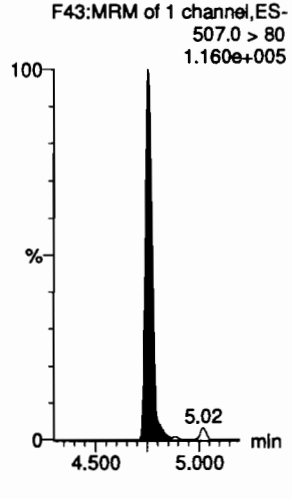
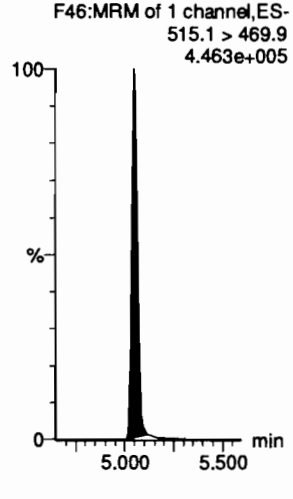
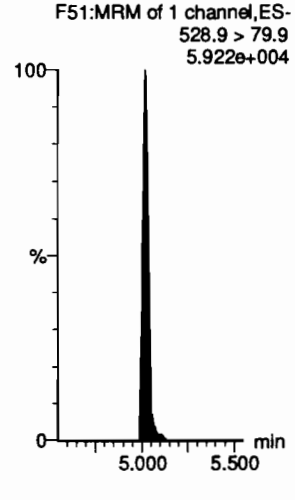


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-94.qld

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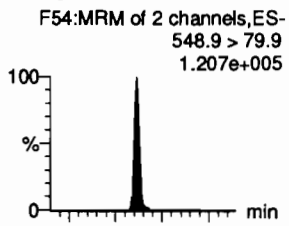
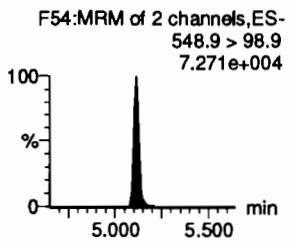
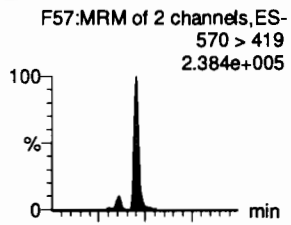
Name: 200708M1_94, Date: 09-Jul-2020, Time: 07:00:01, ID: ST200708M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

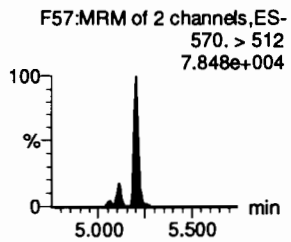
PFNS



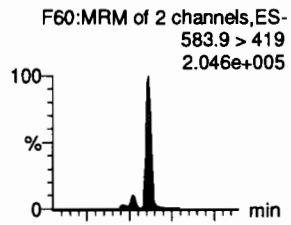


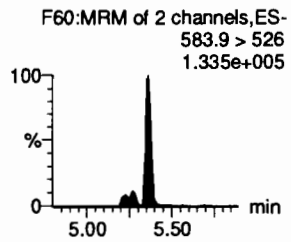
L-MeFOSAA



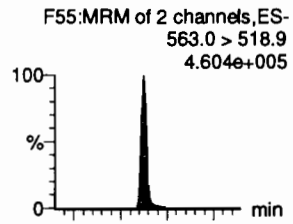


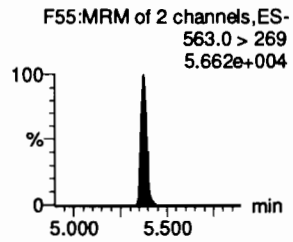
L-EtFOSAA



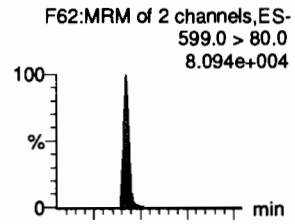


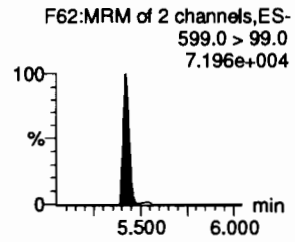
PFUdA



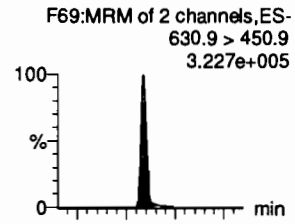


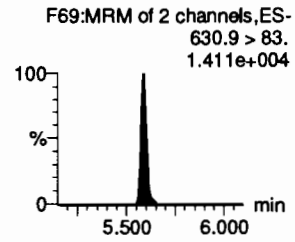
PFDS



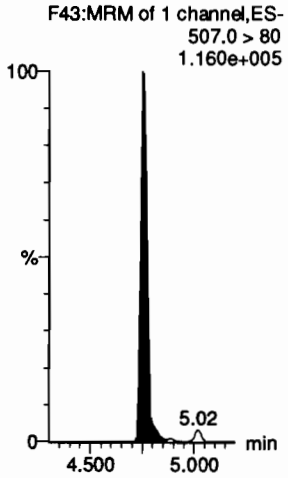


11Cl-PF30UdS

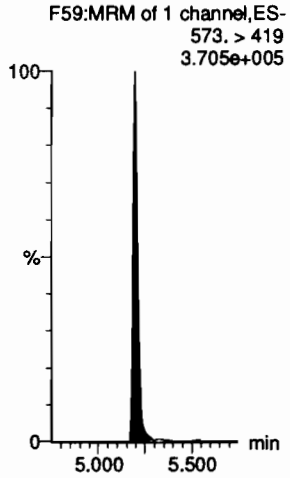




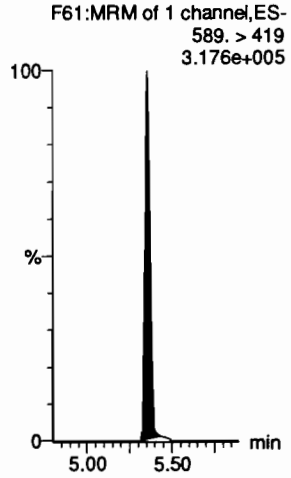
13C8-PFOS-EIS



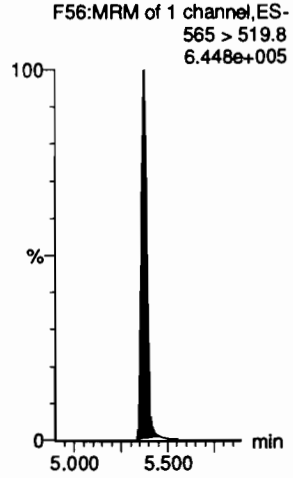
d3-N-MeFOSAA-EIS



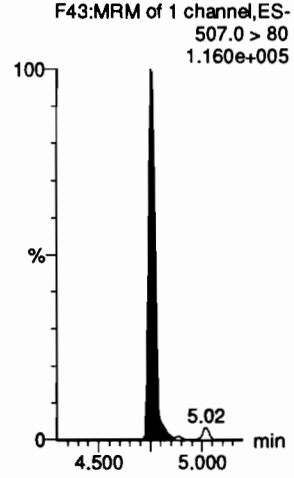
d5-N-EtFOSAA-EIS



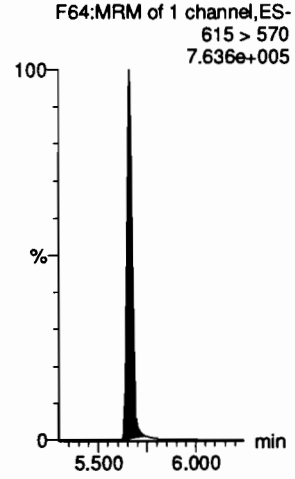
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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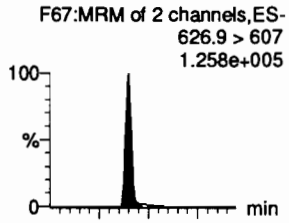
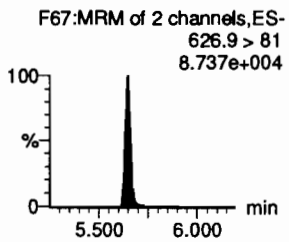
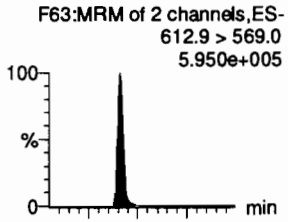
Name: 200708M1_94, Date: 09-Jul-2020, Time: 07:00:01, ID: ST200708M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

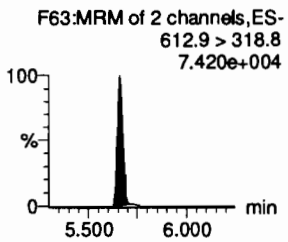
10:2 FTS



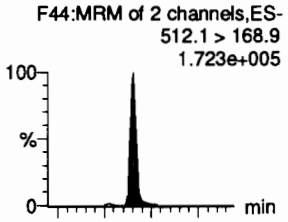


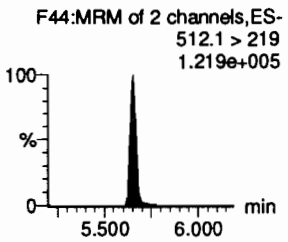
PFDoA



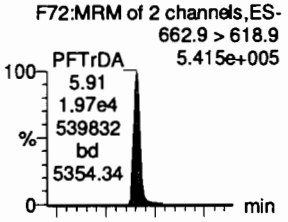


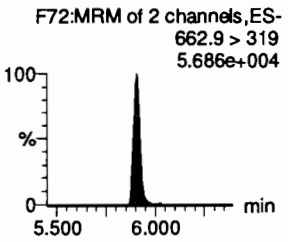
N-MeFOSA



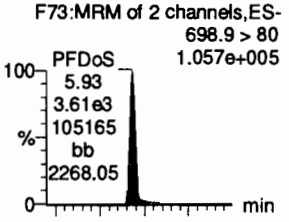


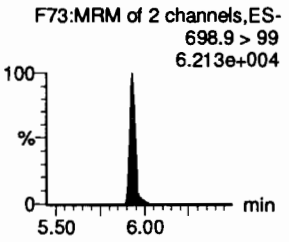
PFTrDA



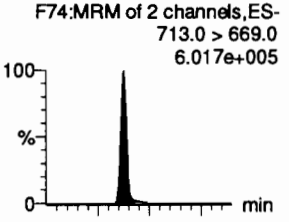


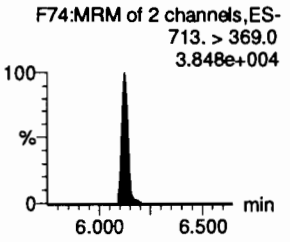
PFDoS



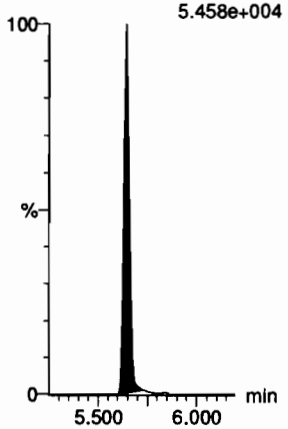


PFTeDA

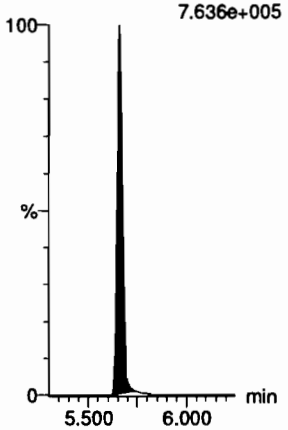




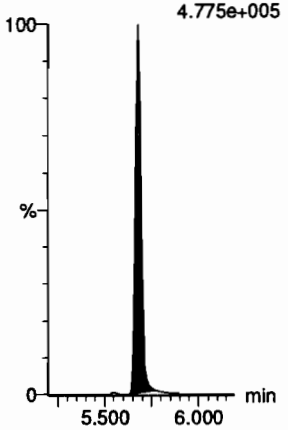
13C2-10:2 FTS-EIS



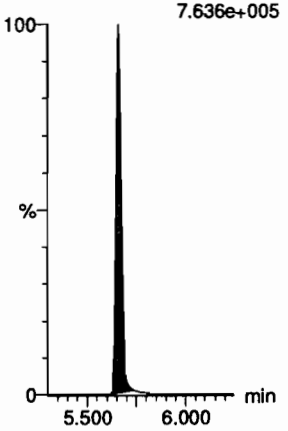
13C2-PFDoA-EIS



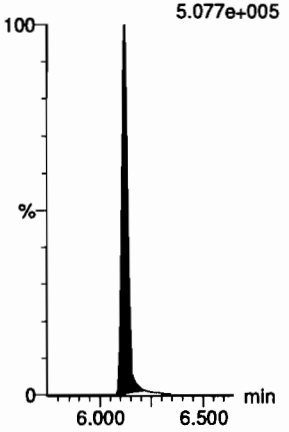
d3-N-MeFOSA-EIS



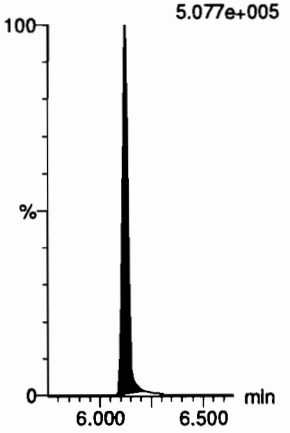
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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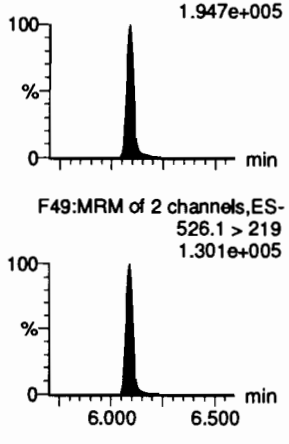
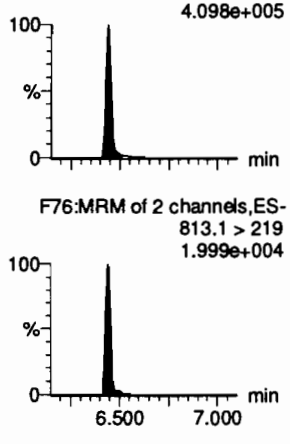
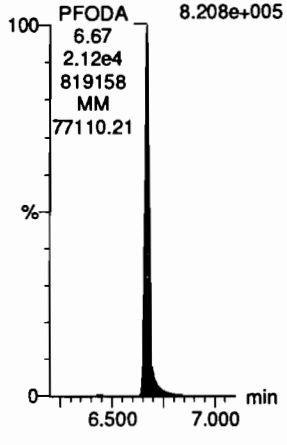
N-EtFOSA



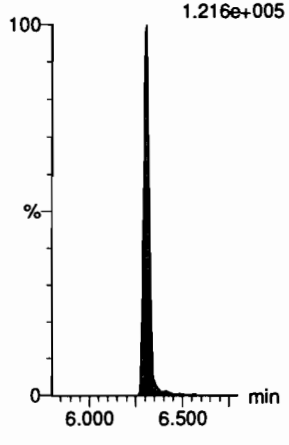
PFHxDA



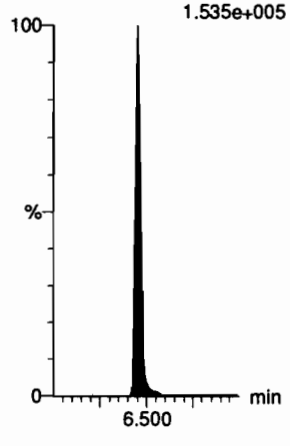
PFODA



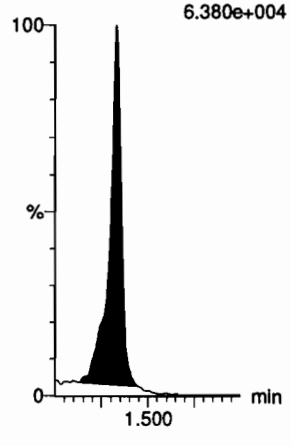
N-MeFOSE



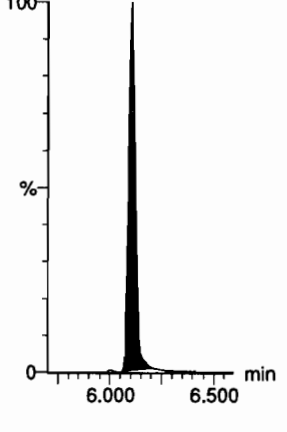
N-EtFOSE



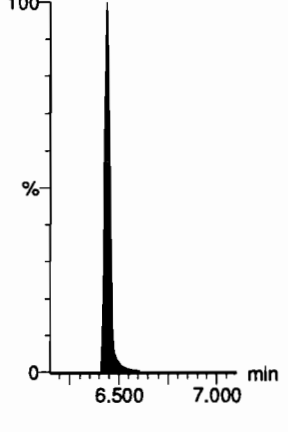
13C3-PFBA-RSD



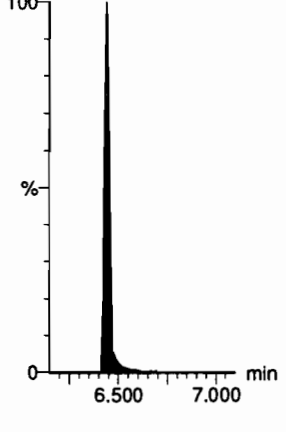
d5-N-ETFOSA-EIS



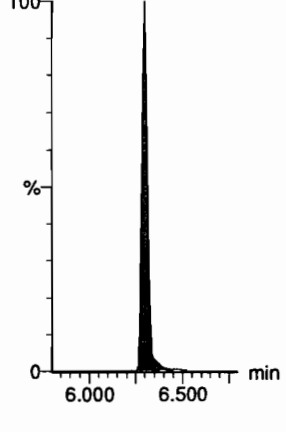
13C2-PFHxDA-EIS



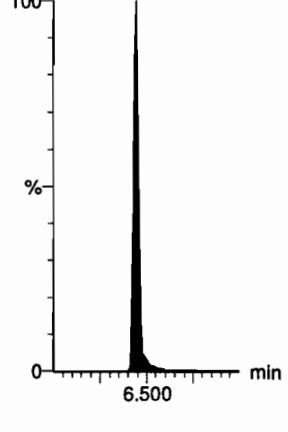
13C2-PFHxDA-EIS



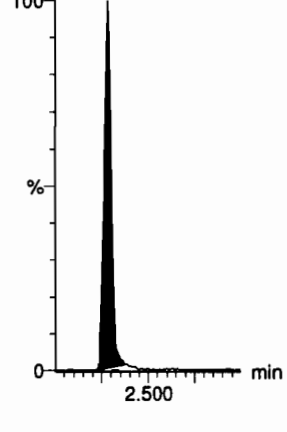
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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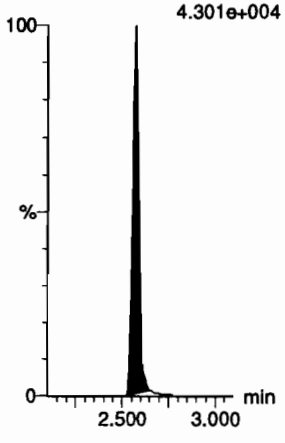
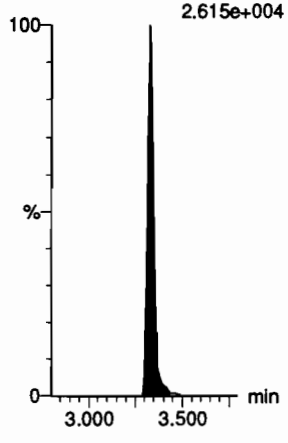
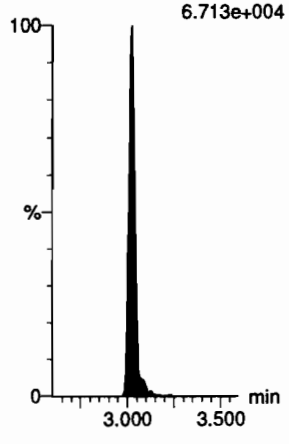
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
4.301e+004



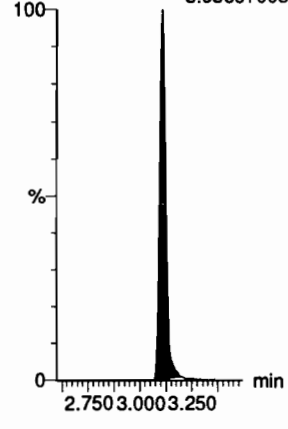
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.615e+004



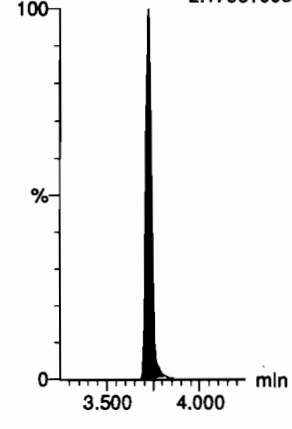
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.713e+004



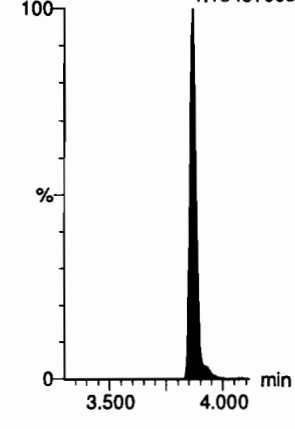
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.936e+005



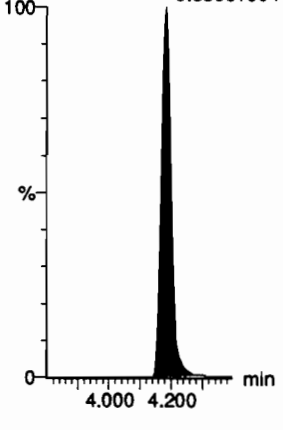
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.176e+005



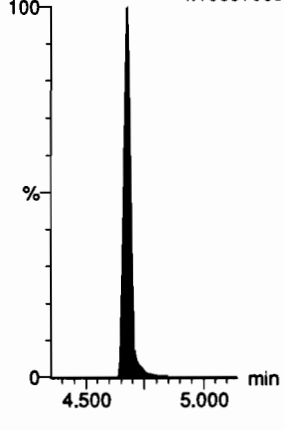
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.154e+005



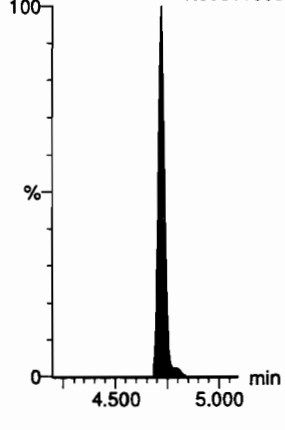
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.539e+004



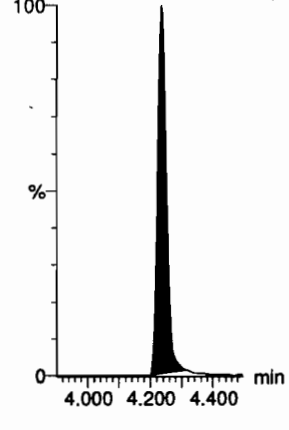
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.106e+005



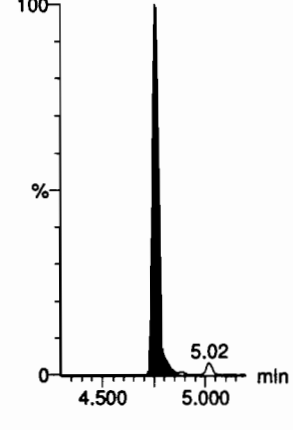
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.553e+005



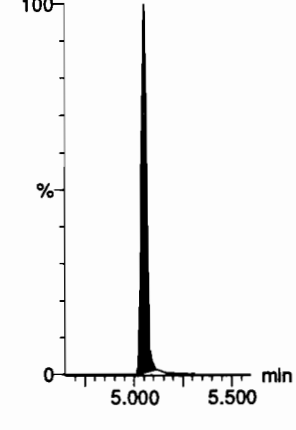
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.995e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.160e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.463e+005



FBR 7/9/2020

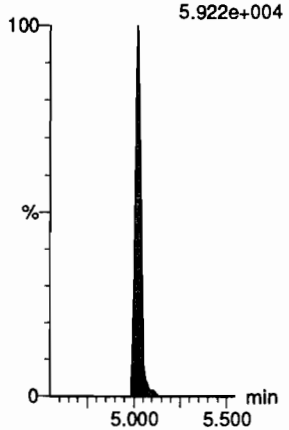
Vista Analytical Laboratory

Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-94.qld

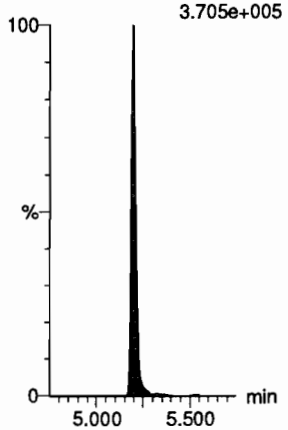
Last Altered: Thursday, July 09, 2020 11:17:24 Pacific Daylight Time
Printed: Thursday, July 09, 2020 12:23:52 Pacific Daylight Time

Name: 200708M1_94, Date: 09-Jul-2020, Time: 07:00:01, ID: ST200708M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

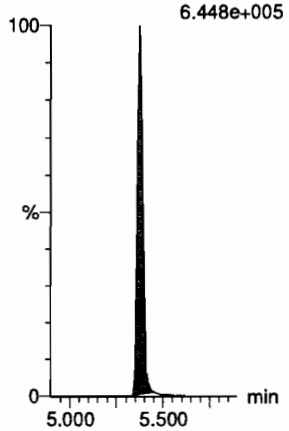
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
5.922e+004



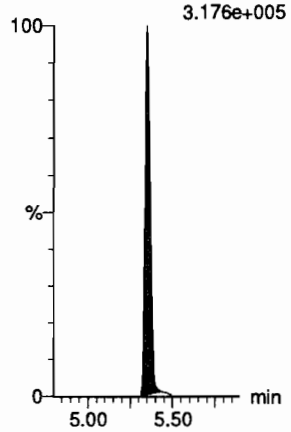
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.705e+005



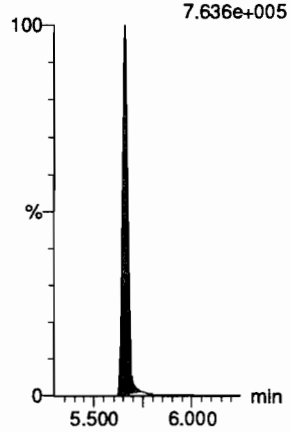
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.448e+005



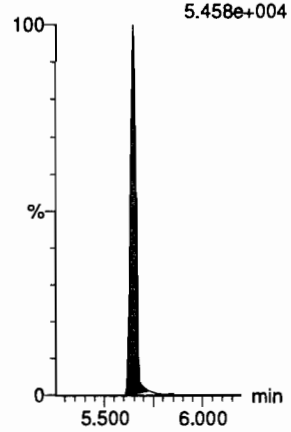
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
3.176e+005



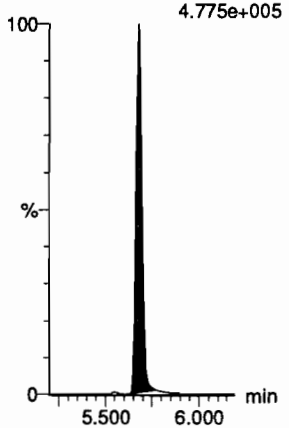
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
7.636e+005



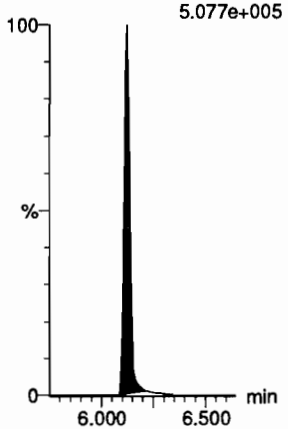
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.458e+004



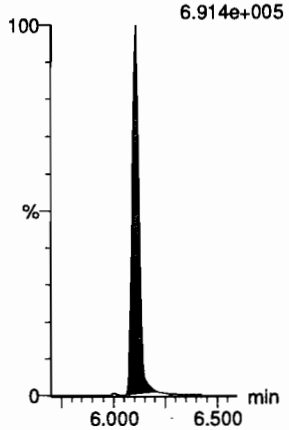
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.775e+005



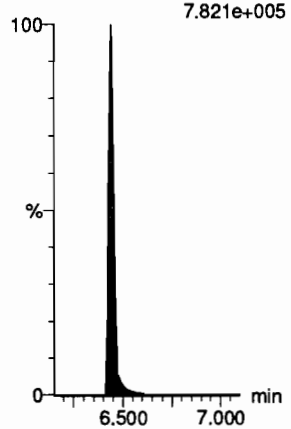
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.077e+005



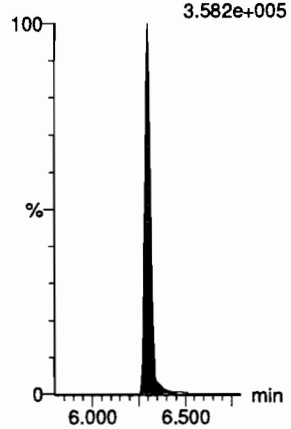
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.914e+005



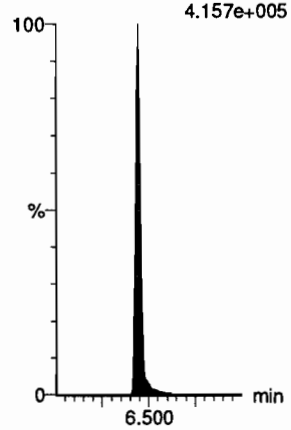
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.821e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.582e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
4.157e+005

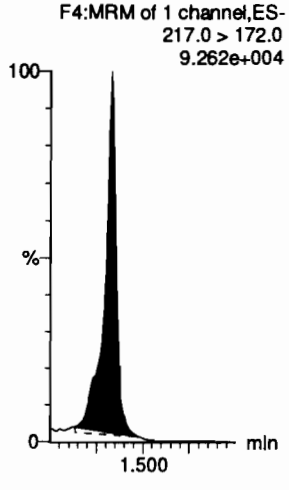


Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-94.qld

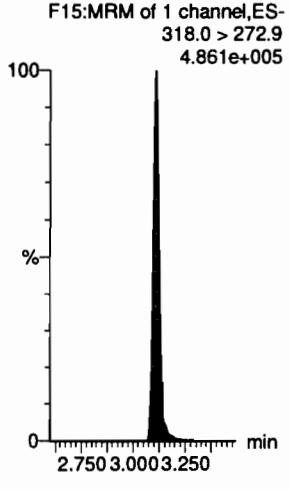
Last Altered: Thursday, July 09, 2020 11:17:24 Pacific Daylight Time
Printed: Thursday, July 09, 2020 12:23:52 Pacific Daylight Time

Name: 200708M1_94, Date: 09-Jul-2020, Time: 07:00:01, ID: ST200708M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

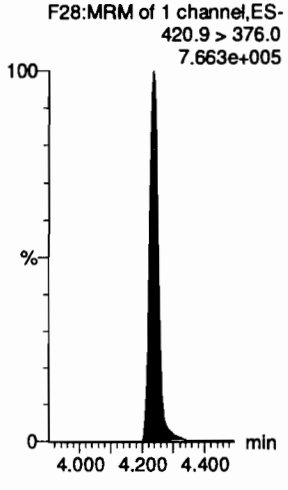
13C4-PFBA



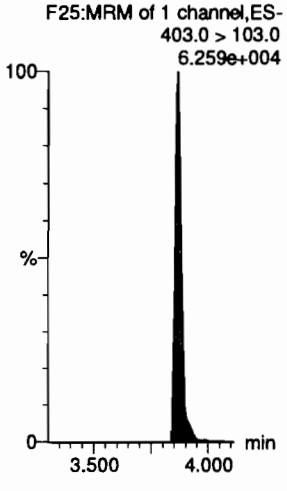
13C5-PFHxA



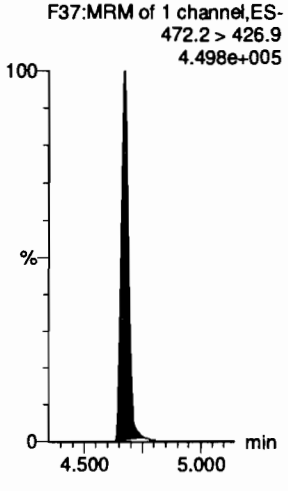
13C8-PFOA



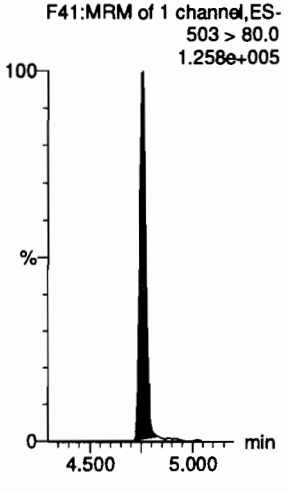
18O2-PFHxS



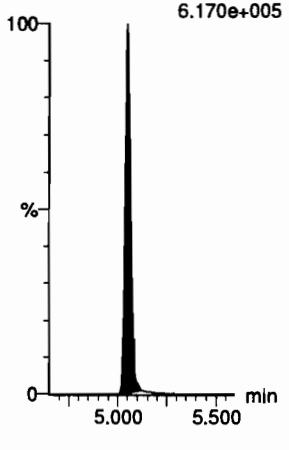
13C9-PFNA



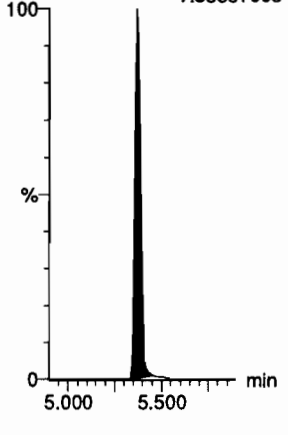
13C4-PFOS



13C6-PFDA



13C7-PFUdA



LC Calibration Standards Review Checklist Q4

			ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	N/A
Calibration ID:	ST200709M1-11	L (M) H	☑	☑	☑	☑	☑	☑	☐
Calibration ID:	-12	L (M) H	☑	☑	☑	☑	☑	☑	☐
Calibration ID:	-13	L (M) H	☑	☑	☑	☑	☑	☑	☑
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐
Calibration ID:		L M H	☐	☐	☐	☐	☐	☐	☐

Full Mass Cal. Date: 20200701

Run Log Present: ☑

# of Samples per Sequence Checked: ☑

Instrument Blank Saved ☑

All Branches in Acquisition Window ☑

IIS Area Saved ☐ N/A

Reviewed By: Olm Flohra
Initials/Date

Comments:

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-33.qld

Last Altered: Friday, July 10, 2020 11:17:30 Pacific Daylight Time
Printed: Friday, July 10, 2020 11:54:08 Pacific Daylight Time

Name: 200709M1_33, Date: 09-Jul-2020, Time: 21:34:55, ID: ST200709M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

1 PFBA	213.0 > 169.0	4836.497	4258.968	1.00	1.34	14.195	10.000	9.75	97.5	NO		
2 PFPrS	248.9 > 79.9	2113.535	1671.563	1.00	1.67	15.805	10.000	9.42	94.2	NO	2.240	NO
3 3:3 FTCA	241.1 > 177.0	334.777	6805.395	1.00	2.15	0.615	10.000	9.32	93.2	NO	1.996	NO
4 PFPeA	263.1 > 218.9	5320.991	6805.395	1.00	2.29	9.773	10.000	10.8	107.7	NO		
5 PFBS	299.0 > 79.7	2916.446	1671.563	1.00	2.58	21.809	10.000	10.5	105.2	NO	2.800	NO
6 4:2 FTS	327.0 > 306.9	5943.430	2845.315	1.00	3.02	26.111	10.000	10.0	100.3	NO	1.860	NO
47 13C3-PFBA-EIS	216.1 > 171.8	4258.968		1.00	1.34	4258.968	12.500	12.7	101.4	NO		
51 13C3-PFBS-EIS	302.0 > 99	1671.563		1.00	2.58	1671.563	12.500	13.0	103.8	NO		
49 13C3-PFPeA-EIS	266.0 > 221.8	6805.395		1.00	2.29	6805.395	12.500	13.4	106.9	NO		
49 13C3-PFPeA-EIS	266.0 > 221.8	6805.395		1.00	2.29	6805.395	12.500	13.4	106.9	NO		
51 13C3-PFBS-EIS	302.0 > 99	1671.563		1.00	2.58	1671.563	12.500	13.0	103.8	NO		
55 13C2-4:2 FTS-EIS	329.0 >79.9	2845.315		1.00	3.02	2845.315	12.500	14.3	114.2	NO		
-1												
7 PFHxA	313.0 > 269.0	11522.422	12718.374	1.00	3.11	11.325	10.000	10.3	103.3	NO	16.948	NO
8 PFPeS	349.0 > 80.0	3111.308	1671.563	1.00	3.32	23.266	10.000	9.99	99.9	NO	1.702	NO
9 HFPO-DA	285.1 > 168.9	742.801	997.358	1.00	3.33	9.310	10.000	9.95	99.5	NO	2.157	NO
10 5:3 FTCA	340.9 > 236.9	1951.277	7312.173	1.00	3.66	3.336	10.000	10.3	102.9	NO	1.507	NO
11 PFHpA	363.0 > 318.9	7200.437	7312.173	1.00	3.72	12.309	10.000	10.3	103.4	NO	9.171	NO
12 ADONA	376.8 > 250.9	28001.684	7312.173	1.00	3.83	47.868	10.000	10.3	102.8	NO	3.469	NO
57 13C2-PFHxA-EIS	315.0 > 270.0	12718.374		1.00	3.11	12718.374	12.500	13.4	106.8	NO		
51 13C3-PFBS-EIS	302.0 > 99	1671.563		1.00	2.58	1671.563	12.500	13.0	103.8	NO		
53 13C3-HFPO-DA-EIS	287.0 > 168.9	997.358		1.00	3.33	997.358	12.500	12.4	99.0	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	7312.173		1.00	3.72	7312.173	12.500	13.0	103.9	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	7312.173		1.00	3.72	7312.173	12.500	13.0	103.9	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	7312.173		1.00	3.72	7312.173	12.500	13.0	103.9	NO		
-1												
13 L-PFHxS	399 > 80.0	2899.475	3894.371	1.00	3.87	9.307	10.000	8.77	87.7	NO	1.457	NO
15 6:2 FTS	427 > 407.0	5467.252	2206.075	1.00	4.18	30.978	10.000	10.1	101.3	NO	2.251	NO
16 L-PFOA	412.8 > 368.9	19200.646	15812.004	1.00	4.23	15.179	10.000	10.4	104.4	NO	3.905	NO
18 PFecHS	460.8 > 381.0	5633.848	15812.004	1.00	4.25	4.454	10.000	9.85	98.5	NO	1.008	NO
19 PFHpS	448.9 > 80.0	3064.898	4151.671	1.00	4.34	9.228	10.000	10.1	101.2	NO	1.993	NO
20 7:3 FTCA	441.0 > 337.0	3651.475	14313.529	1.00	4.66	3.189	10.000	10.3	103.4	NO	1.554	NO
61 13C3-PFHxS-EIS	401.8 > 79.9	3894.371		1.00	3.87	3894.371	12.500	13.1	104.7	NO		
63 13C2-6:2 FTS-EIS	429.0 >79.9	2206.075		1.00	4.18	2206.075	12.500	12.8	102.0	NO		
69 13C2-PFOA-EIS	414.9 > 369.7	15812.004		1.00	4.23	15812.004	12.500	13.2	105.5	NO		
69 13C2-PFOA-EIS	414.9 > 369.7	15812.004		1.00	4.23	15812.004	12.500	13.2	105.5	NO		

FBR 7/10/2020

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-33.qld

Last Altered: Friday, July 10, 2020 11:17:30 Pacific Daylight Time
Printed: Friday, July 10, 2020 11:54:08 Pacific Daylight Time

Name: 200709M1_33, Date: 09-Jul-2020, Time: 21:34:55, ID: ST200709M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

73	13C8-PFOS-EIS	507.0 > 80	4151.671		1.00	4.75	4151.671	12.500	13.5	108.4	NO		
65	13C5-PFNA-EIS	468.2 > 422.9	14313.529		1.00	4.67	14313.529	12.500	13.1	105.0	NO		
-1													
21	PFNA	463.0 > 418.8	14346.396	14313.529	1.00	4.67	12.529	10.000	9.85	98.5	NO	4.038	NO
22	PFOSA	498.0 > 78.0	3857.532	5569.427	1.00	4.72	8.658	10.000	9.62	96.2	NO	26.401	NO
23	L-PFOS	499 > 80	3351.541	4151.671	1.00	4.75	10.091	10.000	10.3	103.5	NO	1.964	NO
25	9Cl-PF30NS	531 > 351.0	12463.688	4151.671	1.00	4.97	37.526	10.000	10.5	104.5	NO	20.936	NO
26	PFDA	513 > 468.8	17596.645	15235.798	1.00	5.04	14.437	10.000	10.1	100.6	NO	5.333	NO
27	8:2 FTS	526.9 > 507.0	5177.355	2574.301	1.00	5.01	25.140	10.000	9.73	97.3	NO	1.756	NO
65	13C5-PFNA-EIS	468.2 > 422.9	14313.529		1.00	4.67	14313.529	12.500	13.1	105.0	NO		
67	13C8-PFOSA-EIS	506. > 78	5569.427		1.00	4.72	5569.427	12.500	13.5	107.7	NO		
73	13C8-PFOS-EIS	507.0 > 80	4151.671		1.00	4.75	4151.671	12.500	13.5	108.4	NO		
73	13C8-PFOS-EIS	507.0 > 80	4151.671		1.00	4.75	4151.671	12.500	13.5	108.4	NO		
75	13C2-PFDA-EIS	515.1 > 469.9	15235.798		1.00	5.04	15235.798	12.500	13.4	107.1	NO		
77	13C2-8:2 FTS-EIS	528.9 > 79.9	2574.301		1.00	5.01	2574.301	12.500	14.0	112.4	NO		
-1													
28	PFNS	548.9 > 79.9	3745.632	4151.671	1.00	5.11	11.277	10.000	11.6	115.9	NO	1.618	NO
29	L-MeFOSAA	570 > 419	8753.322	12117.560	1.00	5.20	9.030	10.000	9.74	97.4	NO	2.738	NO
31	L-EtFOSAA	583.9 > 419	8420.004	10487.933	1.00	5.36	10.035	10.000	10.3	103.1	NO	1.441	NO
33	PFUdA	563.0 > 518.9	16239.969	21392.748	1.00	5.37	9.489	10.000	9.93	99.3	NO	8.727	NO
34	PFDS	599.0 > 80.0	2973.239	4151.671	1.00	5.41	8.952	10.000	11.0	110.3	NO	1.304	NO
35	11Cl-PF30UdS	630.9 > 450.9	11363.069	25240.877	1.00	5.58	5.627	10.000	9.34	93.4	NO	22.512	NO
73	13C8-PFOS-EIS	507.0 > 80	4151.671		1.00	4.75	4151.671	12.500	13.5	108.4	NO		
79	d3-N-MeFOSAA-EIS	573. > 419	12117.560		1.00	5.19	12117.560	12.500	13.5	107.8	NO		
83	d5-N-EtFOSAA-EIS	589. > 419	10487.933		1.00	5.35	10487.933	12.500	13.3	106.4	NO		
81	13C2-PFUdA-EIS	565 > 519.8	21392.748		1.00	5.37	21392.748	12.500	12.4	98.8	NO		
73	13C8-PFOS-EIS	507.0 > 80	4151.671		1.00	4.75	4151.671	12.500	13.5	108.4	NO		
85	13C2-PFDoA-EIS	615 > 570	25240.877		1.00	5.65	25240.877	12.500	13.9	111.5	NO		
-1													
36	10:2 FTS	626.9 > 607	4346.417	1796.037	1.00	5.64	30.250	10.000	10.4	104.4	NO	1.481	NO
37	PFDoA	612.9 > 569.0	19943.359	25240.877	1.00	5.65	9.877	10.000	10.1	101.3	NO	8.282	NO
38	N-MeFOSA	512.1 > 168.9	5590.335	15415.545	1.00	5.65	54.106	50.000	51.8	103.7	NO	1.371	NO
39	PFTrDA	662.9 > 618.9	17599.742	25240.877	1.00	5.90	8.716	10.000	9.21	92.1	NO	8.709	NO
40	PFDoS	698.9 > 80	3492.624	16926.277	1.00	5.92	2.579	10.000	9.55	95.5	NO	1.801	NO
41	PFTeDA	713.0 > 669.0	19980.842	16926.277	1.00	6.11	14.756	10.000	9.86	98.6	NO	14.017	NO
87	13C2-10:2 FTS-EIS	633 > 79.9	1796.037		1.00	5.64	1796.037	12.500	12.4	99.5	NO		

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-33.qld

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Name: 200709M1_33, Date: 09-Jul-2020, Time: 21:34:55, ID: ST200709M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

85 13C2-PFDoA-EIS	615 > 570	25240.877		1.00	5.65	25240.877	12.500	13.9	111.5	NO		
89 d3-N-MeFOSA-EIS	515.2 > 168.9	15415.545		1.00	5.68	15415.545	149.200	159	106.5	NO		
85 13C2-PFDoA-EIS	615 > 570	25240.877		1.00	5.65	25240.877	12.500	13.9	111.5	NO		
91 13C2-PFTeDA-EIS	715.1 > 669.7	16926.277		1.00	6.11	16926.277	12.500	12.8	102.2	NO		
91 13C2-PFTeDA-EIS	715.1 > 669.7	16926.277		1.00	6.11	16926.277	12.500	12.8	102.2	NO		
-1												
42 N-EtFOSA	526.1 > 168.9	7220.613	25311.389	1.00	6.09	42.562	50.000	51.2	102.4	NO	1.472	NO
43 PFHxDA	813.1 > 768.6	12728.498	24183.496	1.00	6.43	6.579	10.000	9.90	99.0	NO	21.188	NO
44 PFODA	913 > 869	20320.969	24183.496	1.00	6.66	10.504	10.000	9.51	95.1	NO		
45 N-MeFOSE	616.1 > 58.9	3582.239	11699.917	1.00	6.30	45.682	50.000	47.2	94.4	NO		
46 N-EtFOSE	630.1 > 58.9	4740.021	11803.102	1.00	6.45	59.917	50.000	54.7	109.4	NO		
48 13C3-PFBA-RSD	216.1 > 171.8	4363.854	6250.993	1.00	1.34	8.726	12.500	12.9	103.3	NO		
93 d5-N-ETFOSA-EIS	531.1 > 168.9	25311.389		1.00	6.11	25311.389	149.200	158	105.8	NO		
95 13C2-PFHxDA-EIS	815 > 769.7	24183.496		1.00	6.43	24183.496	12.500	12.6	101.1	NO		
95 13C2-PFHxDA-EIS	815 > 769.7	24183.496		1.00	6.43	24183.496	12.500	12.6	101.1	NO		
97 d7-N-MeFOSE-EIS	623.1 > 58.9	11699.917		1.00	6.29	11699.917	149.200	159	106.8	NO		
99 d9-N-EtFOSE-EIS	639.2 > 58.8	11803.102		1.00	6.44	11803.102	149.200	144	96.8	NO		
50 13C3-PFPeA-RSD	266.0 > 221.8	6805.395	15219.531	1.00	2.29	5.589	12.500	11.8	94.1	NO		
-1												
52 13C3-PFBS-RSD	302.0 > 99	1671.563	2159.819	1.00	2.58	9.674	12.500	13.1	104.7	NO		
54 13C3-HFPO-DA-RSD	287.0 > 168.9	997.358	15219.531	1.00	3.33	0.819	12.500	12.5	99.8	NO		
56 13C2-4:2 FTS-RSD	329.0 >79.9	2845.315	2159.819	1.00	3.02	16.467	12.500	13.9	111.6	NO		
58 13C2-PFHxA-RSD	315.0 > 270.0	12718.374	15219.531	1.00	3.11	10.446	12.500	12.1	97.1	NO		
60 13C4-PFHpA-RSD	367.2 > 321.8	7312.173	15219.531	1.00	3.72	6.006	12.500	11.8	94.2	NO		
62 13C3-PFHxS-RSD	401.8 > 79.9	3887.937	2159.819	1.00	3.87	22.502	12.500	12.9	103.5	NO		
64 13C2-6:2 FTS-RSD	429.0 >79.9	2206.075	4445.071	1.00	4.18	6.204	12.500	11.8	94.2	NO		
66 13C5-PFNA-RSD	468.2 > 422.9	14313.529	15610.435	1.00	4.67	11.462	12.500	12.7	101.7	NO		
68 13C8-PFOSA-RSD	506. > 78	5575.451	23201.764	1.00	4.72	3.004	12.500	14.0	112.2	NO		
70 13C2-PFOA-RSD	414.9 > 369.7	15812.004	23528.625	1.00	4.23	8.400	12.500	12.5	99.7	NO		
74 13C8-PFOS-RSD	507.0 > 80	4151.671	4445.071	1.00	4.75	11.675	12.500	11.6	92.5	NO		
76 13C2-PFDA-RSD	515.1 > 469.9	15235.798	21047.191	1.00	5.04	9.049	12.500	12.3	98.5	NO		
-1												
78 13C2-8:2 FTS-RSD	528.9 > 79.9	2574.301	4445.071	1.00	5.01	7.239	12.500	13.0	104.0	NO		
80 d3-N-MeFOSAA-RSD	573. > 419	12117.560	23201.764	1.00	5.19	6.528	12.500	14.1	112.6	NO		
82 13C2-PFUdA-RSD	565 > 519.8	21392.748	23201.764	1.00	5.37	11.525	12.500	13.3	106.8	NO		
84 d5-N-EtFOSAA-RSD	589. > 419	10487.933	23201.764	1.00	5.35	5.650	12.500	13.8	110.3	NO		

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Name: 200709M1_33, Date: 09-Jul-2020, Time: 21:34:55, ID: ST200709M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

86	13C2-PFDoA-RSD	615 > 570	25240.877	21047.191	1.00	5.65	14.991	12.500	12.0	96.1	NO
88	13C2-10:2 FTS-RSD	633 > 79.9	1796.037	4445.071	1.00	5.64	5.051	12.500	12.3	98.2	NO
90	d3-N-MeFOSA-RSD	515.2 > 168.9	15415.545	23201.764	1.00	5.68	8.305	149.200	159	106.8	NO
92	13C2-PFTeDA-RSD	715.1 > 669.7	16862.521	23201.764	1.00	6.11	9.085	12.500	13.3	106.3	NO
94	d5-N-ETFOSA-RSD	531.1 > 168.9	25302.123	23201.764	1.00	6.11	13.632	149.200	171	114.9	NO
96	13C2-PFHxDA-RSD	815 > 769.7	24183.496	23201.764	1.00	6.43	13.029	12.500	13.5	107.7	NO
98	d7-N-MeFOSE-RSD	623.1 > 58.9	11699.917	23201.764	1.00	6.29	6.303	149.200	156	104.4	NO
1...	d9-N-EtFOSE-RSD	639.2 > 58.8	11803.102	23201.764	1.00	6.44	6.359	149.200	154	103.5	NO
-1											
1...	13C4-PFBA	217.0 > 172.0	6250.993	6250.993	1.00	1.34	12.500	12.500	12.5	100.0	NO
1...	13C5-PFHxA	318.0 > 272.9	15219.531	15219.531	1.00	3.11	12.500	12.500	12.5	100.0	NO
1...	13C8-PFOA	420.9 > 376.0	23528.625	23528.625	1.00	4.23	12.500	12.500	12.5	100.0	NO
1...	18O2-PFHxS	403.0 > 103.0	2159.819	2159.819	1.00	3.87	12.500	12.500	12.5	100.0	NO
1...	13C9-PFNA	472.2 > 426.9	15610.435	15610.435	1.00	4.67	12.500	12.500	12.5	100.0	NO
1...	13C4-PFOS	503 > 80.0	4445.071	4445.071	1.00	4.75	12.500	12.500	12.5	100.0	NO
1...	13C6-PFDA	519.1 > 473.7	21047.191	21047.191	1.00	5.04	12.500	12.500	12.5	100.0	NO
1...	13C7-PFUdA	570.1 > 524.8	23201.764	23201.764	1.00	5.37	12.500	12.500	12.5	100.0	NO

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Dataset: Untitled

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070920.mdb 10 Jul 2020 11:48:11
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-09-20.cdb 10 Jul 2020 10:31:20

Compound name: PFBA

1	200709M1_1	IPA	09-Jul-20	16:01:55
2	200709M1_2	IPA	09-Jul-20	16:12:16
3	200709M1_3	ST200709M1-1 PFC CS-2 20F1901	09-Jul-20	16:22:38
4	200709M1_4	ST200709M1-2 PFC CS-1 20F1902	09-Jul-20	16:33:00
5	200709M1_5	ST200709M1-3 PFC CS0 20F1903	09-Jul-20	16:43:43
6	200709M1_6	ST200709M1-4 PFC CS1 20F1904	09-Jul-20	16:54:09
7	200709M1_7	ST200709M1-5 PFC CS2 20F1905	09-Jul-20	17:04:31
8	200709M1_8	ST200709M1-6 PFC CS3 20F1906	09-Jul-20	17:15:15
9	200709M1_9	ST200709M1-7 PFC CS4 20F1907	09-Jul-20	17:25:40
10	200709M1_10	ST200709M1-8 PFC CS5 20F1908	09-Jul-20	17:36:06
11	200709M1_11	ST200709M1-9 PFC CS6 20F1909	09-Jul-20	17:46:28
12	200709M1_12	ST200709M1-10 PFC CS7 20F1910	09-Jul-20	17:56:50
13	200709M1_13	IB	09-Jul-20	18:07:12
14	200709M1_14	ICV200709M1-1 PFC ICV 20F1911	09-Jul-20	18:17:34
15	200709M1_15	IB	09-Jul-20	18:27:57
16	200709M1_16	B0G0024-BLK1 Method Blank 1	09-Jul-20	18:38:19
17	200709M1_17	B0F0251-BS1 OPR 0.25	09-Jul-20	18:48:43
18	200709M1_18	B0F0251-BSD1 LCSD 0.25	09-Jul-20	18:59:09
19	200709M1_19	2001335-02@25X MW-31-20Q2 0.25129	09-Jul-20	19:09:34
20	200709M1_20	B0F0259-BSD1 LCSD 0.25	09-Jul-20	19:19:58
21	200709M1_21	2001362-04@20X GMW-24 0.25105	09-Jul-20	19:30:23
22	200709M1_22	2001362-04@5X GMW-24 0.25105	09-Jul-20	19:40:47
23	200709M1_23	2001362-05 GMW-25 0.24992	09-Jul-20	19:51:13
24	200709M1_24	B0F0229-BS1 OPR 1	09-Jul-20	20:01:34
25	200709M1_25	2001303-01 B1 (20') 1.11	09-Jul-20	20:11:57
26	200709M1_26	2001303-02@5X MB6 (0-1) 1.14	09-Jul-20	20:22:19
27	200709M1_27	2001303-03 MB6 (2-3) 1.15	09-Jul-20	20:32:42
28	200709M1_28	2001303-05 B1 (40') 1.13	09-Jul-20	20:43:04
29	200709M1_29	2001276-02 MW-20-01 0.25109	09-Jul-20	20:53:25
30	200709M1_30	2001276-05 MW-20-03 0.24623	09-Jul-20	21:03:48
31	200709M1_31	2001276-06 Equipment Blank-2 0.24081	09-Jul-20	21:14:10
32	200709M1_32	IB	09-Jul-20	21:24:33

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Dataset: Untitled

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Compound name: PFBA

33	200709M1_33	ST200709M1-11 PFC CS3 20F1906	09-Jul-20	21:34:55
34	200709M1_34	IB	09-Jul-20	21:45:17
35	200709M1_35	2001302-05@10X OP-5 0.03336	09-Jul-20	21:55:39
36	200709M1_36	B0G0025-BLK1@100000X Method Blank 0.001	09-Jul-20	22:06:01
37	200709M1_37	B0G0025-BS1@100000X OPR 0.001	09-Jul-20	22:16:23
38	200709M1_38	2001382-01@100000X FC2006101400DB 0.001	09-Jul-20	22:26:46
39	200709M1_39	2001382-02@100000X FC2006101430DB 0.00101	09-Jul-20	22:37:08
40	200709M1_40	2001382-03@100000X FC2006101440DB 0.00101	09-Jul-20	22:47:30
41	200709M1_41	B0G0025-BLK1@10000 Method Blank 0.001	09-Jul-20	22:57:55
42	200709M1_42	B0G0025-BS1@10000 OPR 0.001	09-Jul-20	23:08:20
43	200709M1_43	2001382-01@10000 FC2006101400DB 0.001	09-Jul-20	23:18:45
44	200709M1_44	2001382-02@10000 FC2006101430DB 0.00101	09-Jul-20	23:29:07
45	200709M1_45	2001382-03@10000 FC2006101440DB 0.00101	09-Jul-20	23:39:29
46	200709M1_46	IB	09-Jul-20	23:49:51
47	200709M1_47	ST200709M1-12 PFC CS3 20F1906	10-Jul-20	00:00:13
48	200709M1_48	IB	10-Jul-20	00:10:36
49	200709M1_49	2001316-01@10X IN-30 0.25087	10-Jul-20	00:20:58
50	200709M1_50	2001316-02@10X OUT-30 0.24195	10-Jul-20	00:31:20
51	200709M1_51	2001399-01@10X IN-42 0.2464	10-Jul-20	00:41:42
52	200709M1_52	2001399-02@10X OUT-42 0.23307	10-Jul-20	00:52:04
53	200709M1_53	2001316-01@5X IN-30 0.25087	10-Jul-20	01:02:29
54	200709M1_54	2001316-02@5X OUT-30 0.24195	10-Jul-20	01:12:54
55	200709M1_55	2001399-01@5X IN-42 0.2464	10-Jul-20	01:23:19
56	200709M1_56	2001399-02@5X OUT-42 0.23307	10-Jul-20	01:33:44
57	200709M1_57	IB	10-Jul-20	01:44:07
58	200709M1_58	ST200709M1-13 PFC CS3 20F1906	10-Jul-20	01:54:29
59	200709M1_59	IB	10-Jul-20	02:04:51

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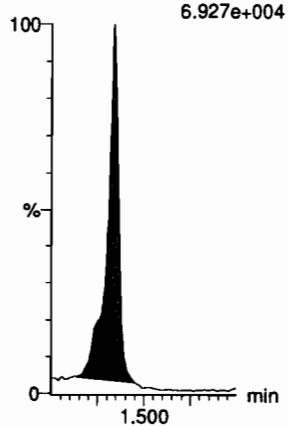
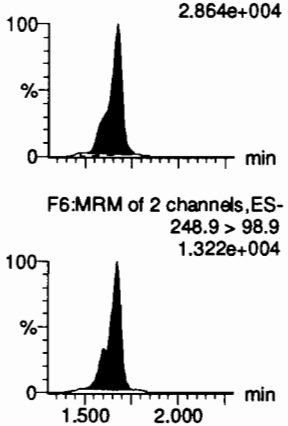
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070920.mdb 10 Jul 2020 10:12:24
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-09-20.cdb 10 Jul 2020 10:31:20

Name: 200709M1_33, Date: 09-Jul-2020, Time: 21:34:55, ID: ST200709M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

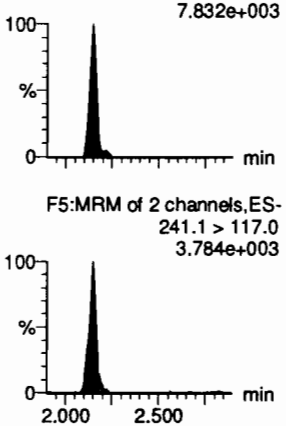
PFBA



PFPrS



3:3 FTCA



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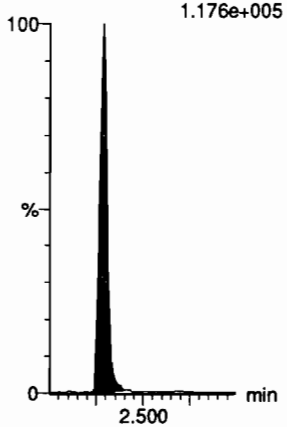
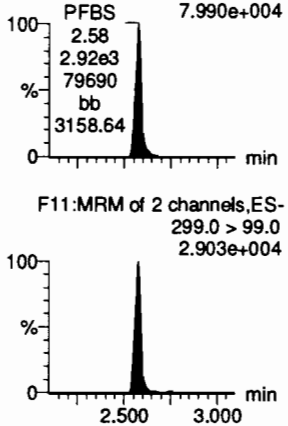
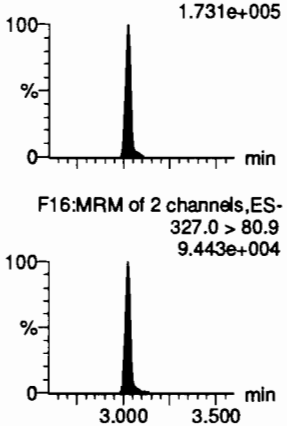


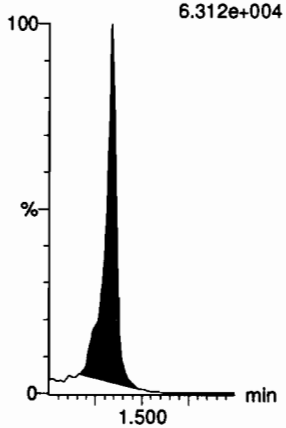
PFBS



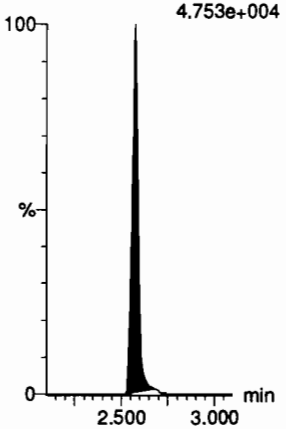
4:2 FTS



13C3-PFBA-EIS



13C3-PFBS-EIS



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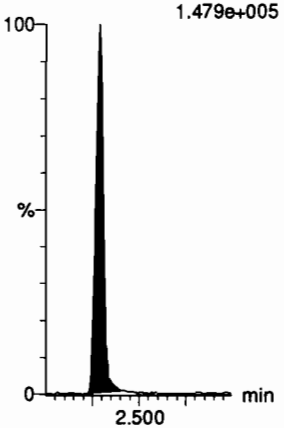

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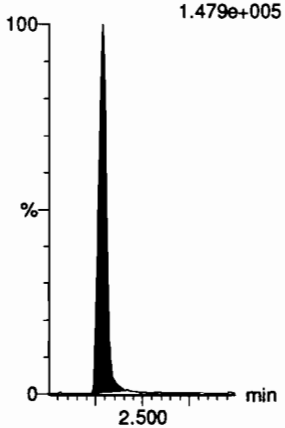

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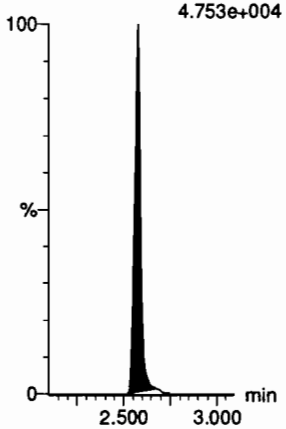

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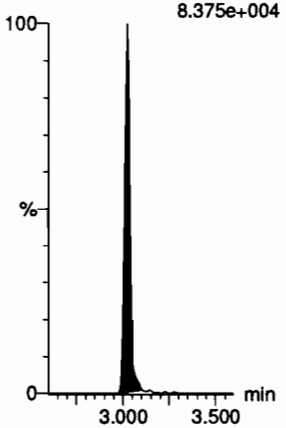

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-33.qld

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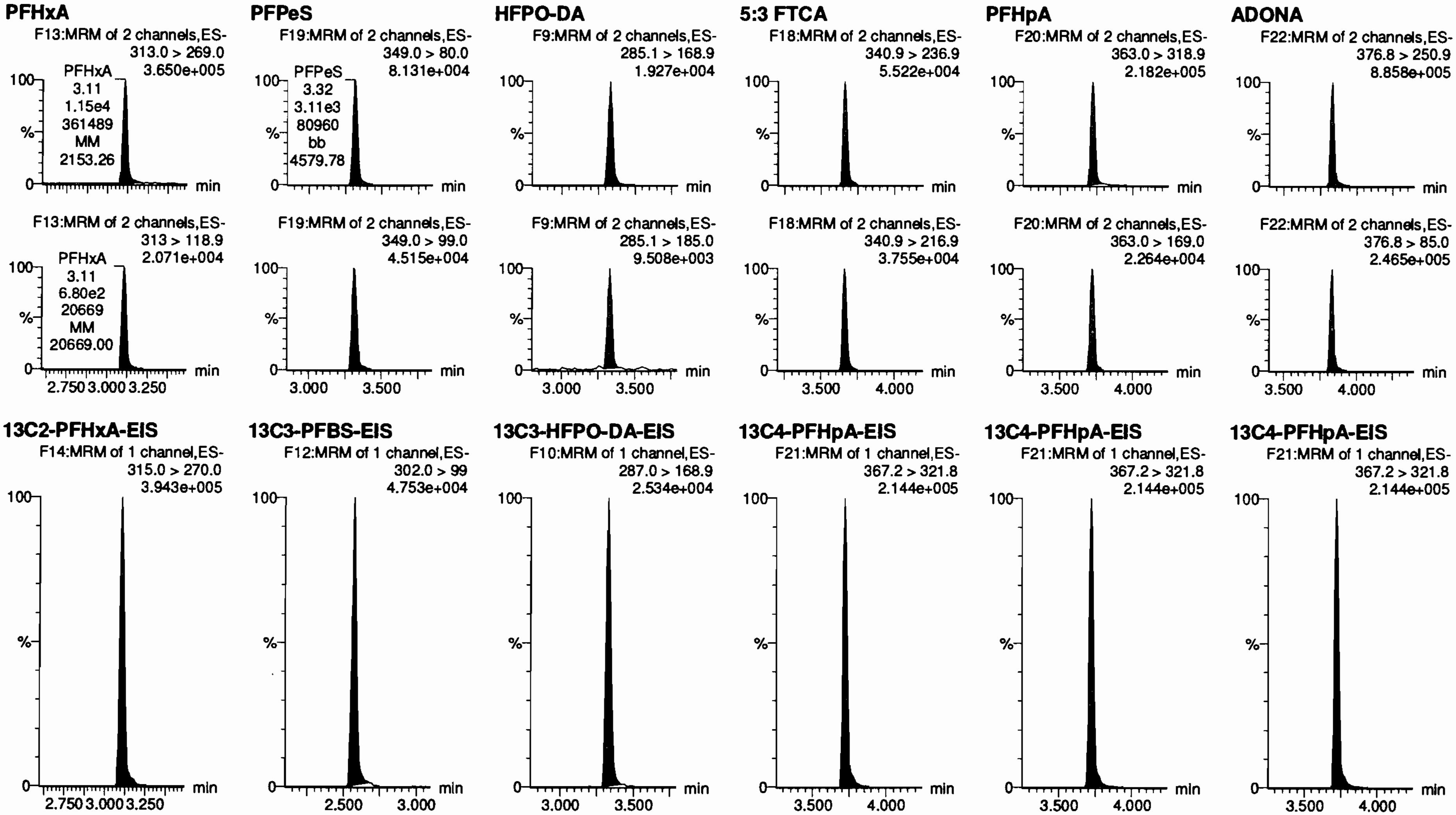
Name: 200709M1_33, Date: 09-Jul-2020, Time: 21:34:55, ID: ST200709M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906



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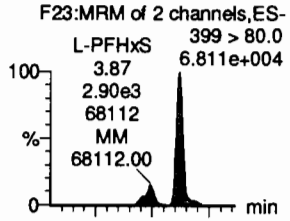
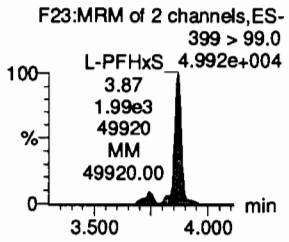
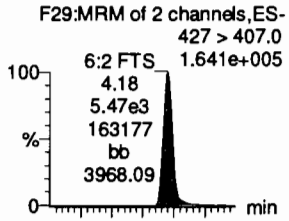
Name: 200709M1_33, Date: 09-Jul-2020, Time: 21:34:55, ID: ST200709M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

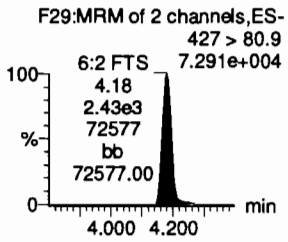
L-PFHxS



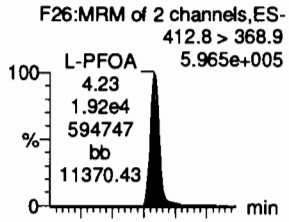


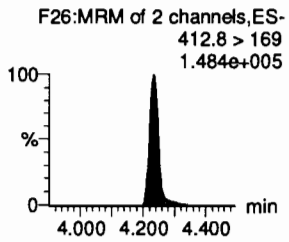
6:2 FTS





L-PFOA





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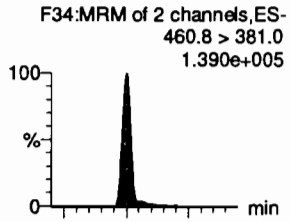

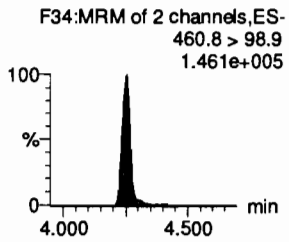

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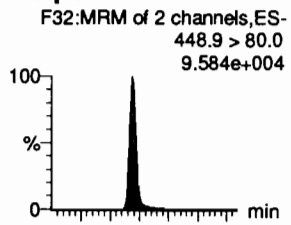
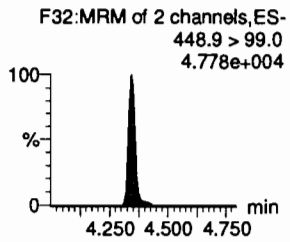
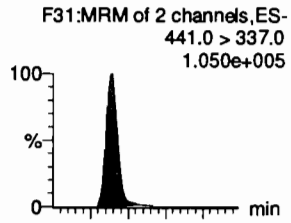
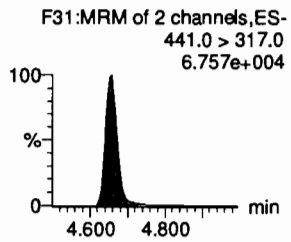


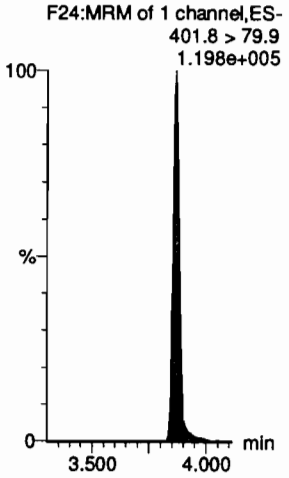


7:3 FTCA

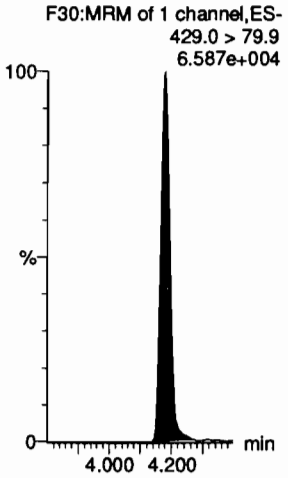




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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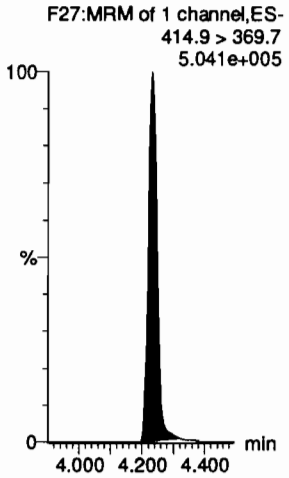

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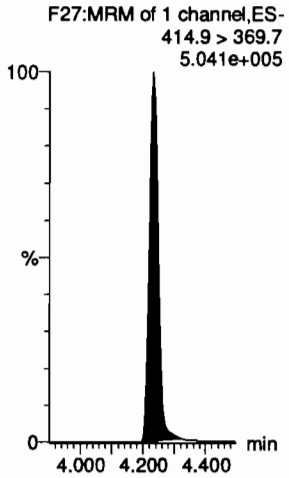
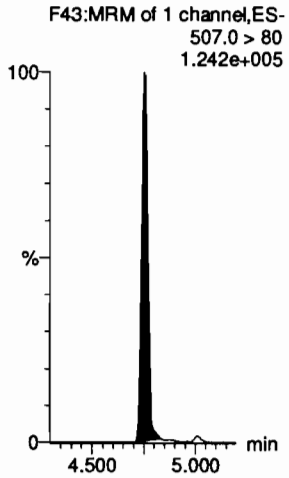
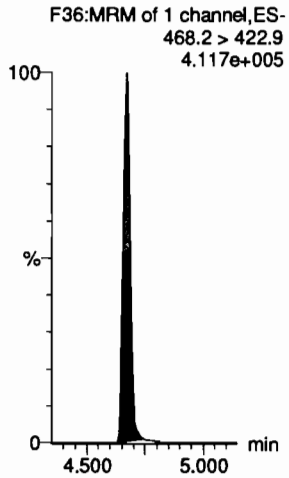


13C8-PFOS-EIS



13C5-PFNA-EIS



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Printed: Friday, July 10, 2020 11:54:08 Pacific Daylight Time

Name: 200709M1_33, Date: 09-Jul-2020, Time: 21:34:55, ID: ST200709M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

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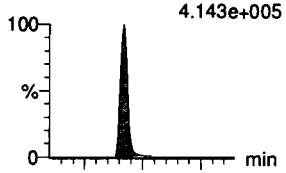

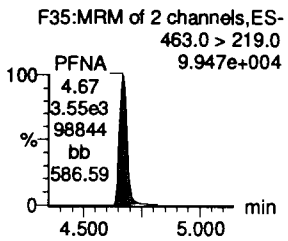

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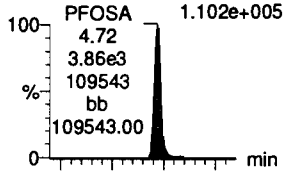
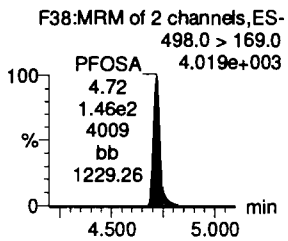
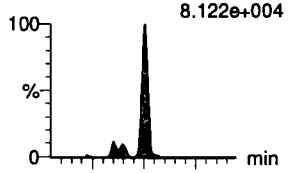
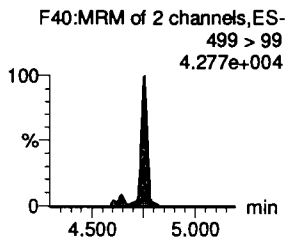


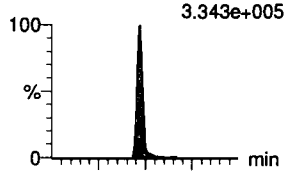


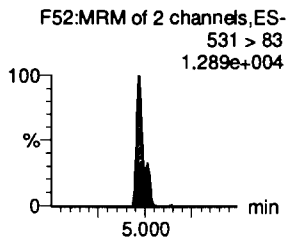
L-PFOS





9Cl-PF30NS





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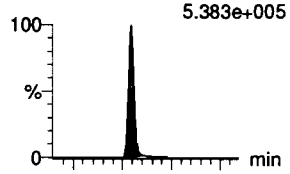
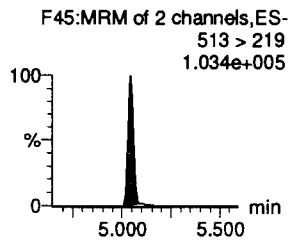
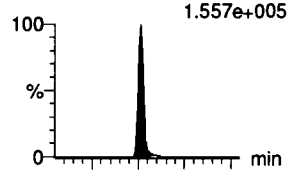
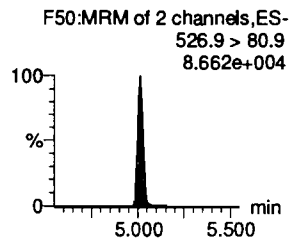


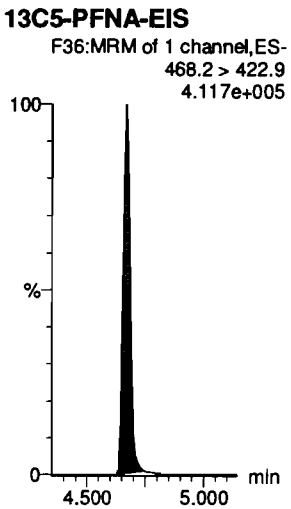


8:2 FTS





13C5-PFNA-EIS



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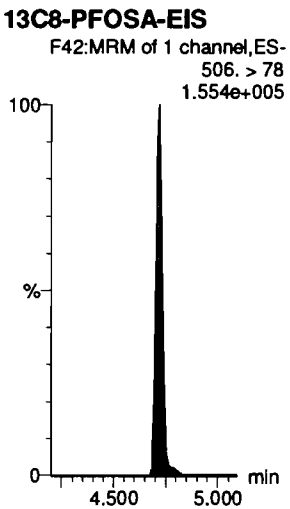

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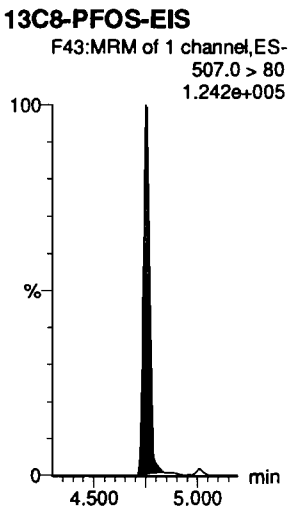

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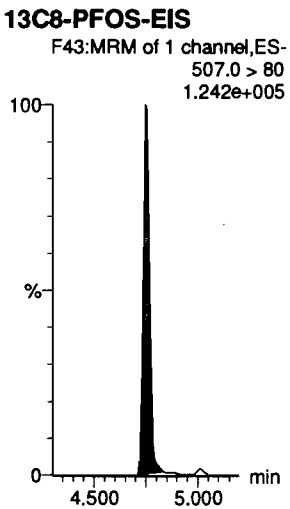

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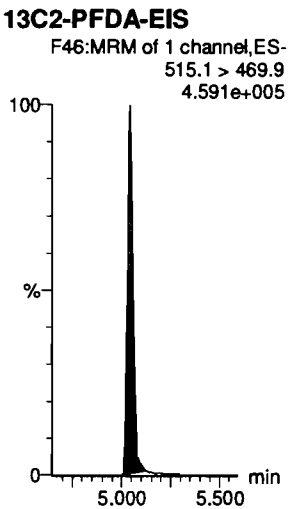
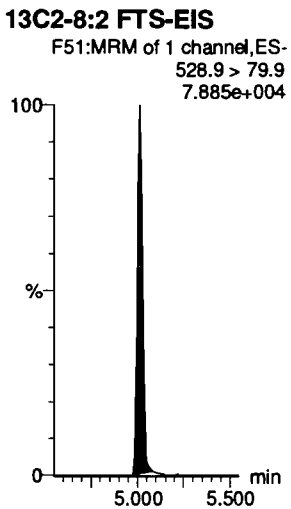


13C2-8:2 FTS-EIS



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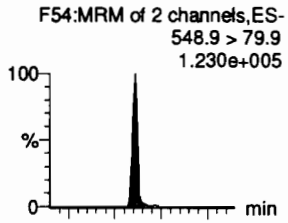
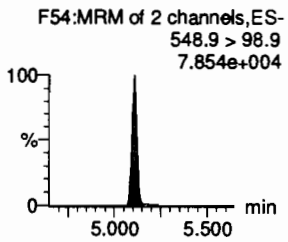
Name: 200709M1_33, Date: 09-Jul-2020, Time: 21:34:55, ID: ST200709M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFNS





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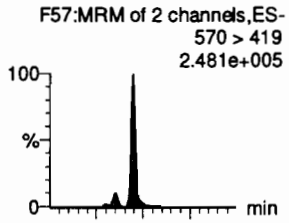

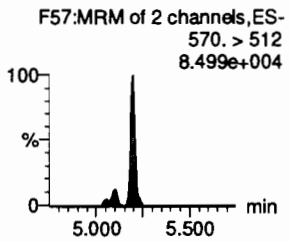

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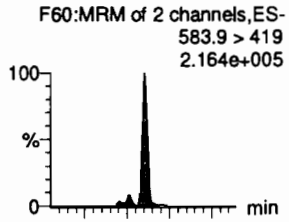

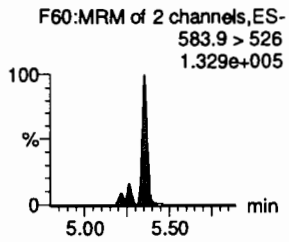

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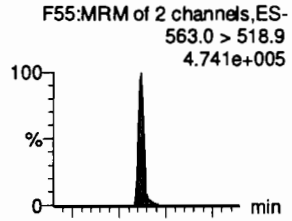

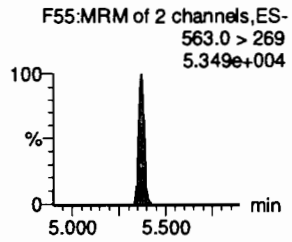

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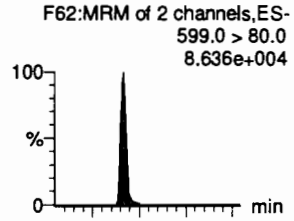
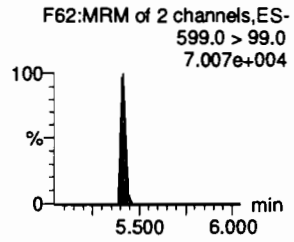
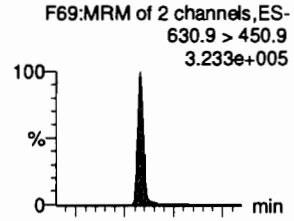
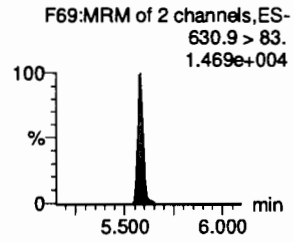




11Cl-PF30UdS





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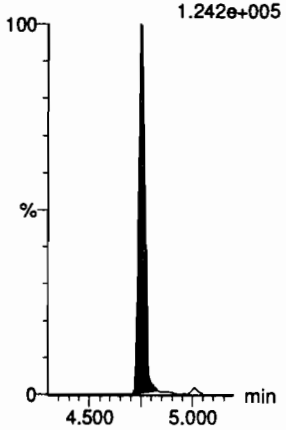

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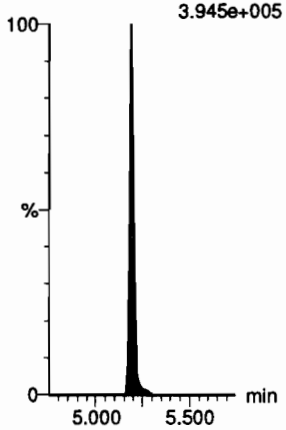

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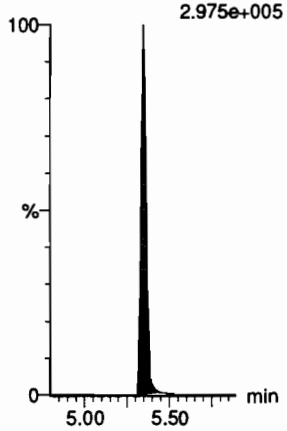

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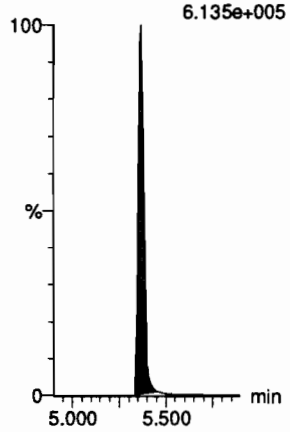

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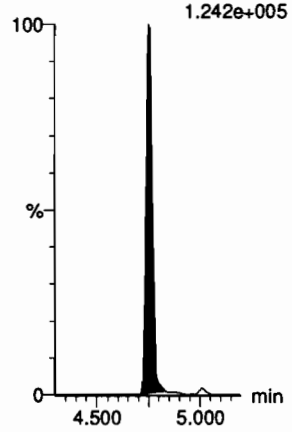

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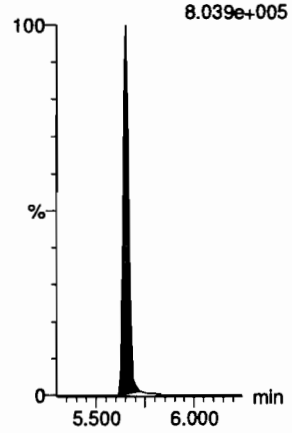

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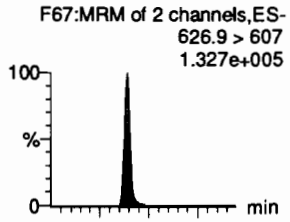
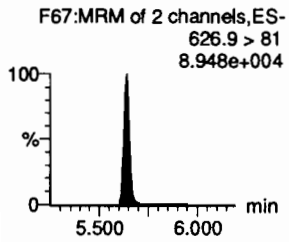
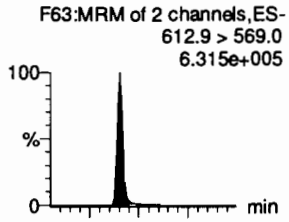
Name: 200709M1_33, Date: 09-Jul-2020, Time: 21:34:55, ID: ST200709M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

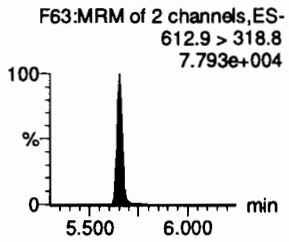
10:2 FTS



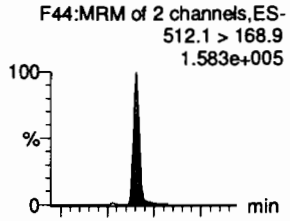


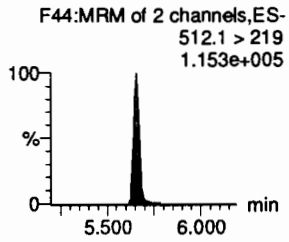
PFDoA



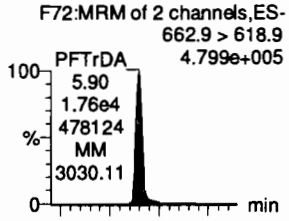


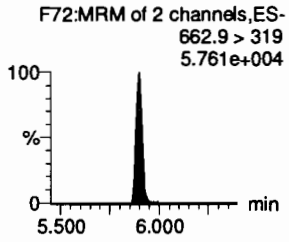
N-MeFOSA



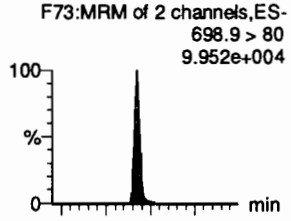


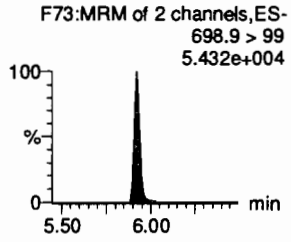
PFTrDA



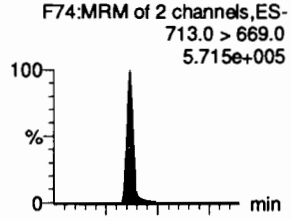


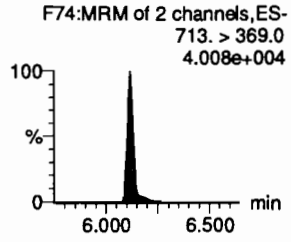
PFDoS



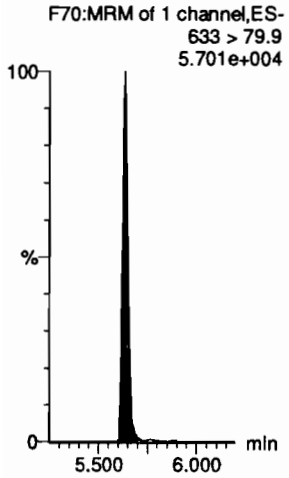


PFTeDA

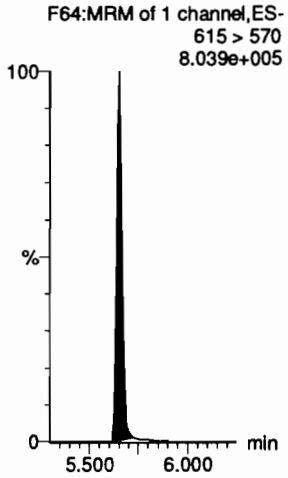




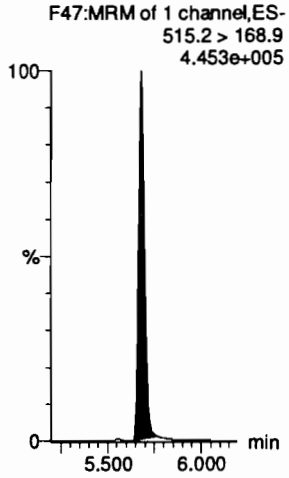
13C2-10:2 FTS-EIS



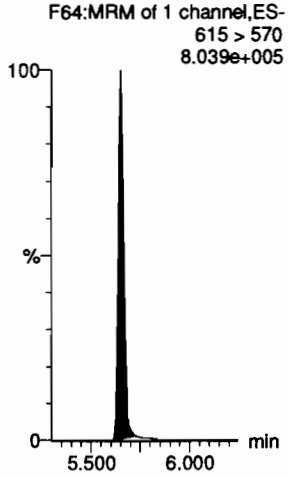
13C2-PFDoA-EIS



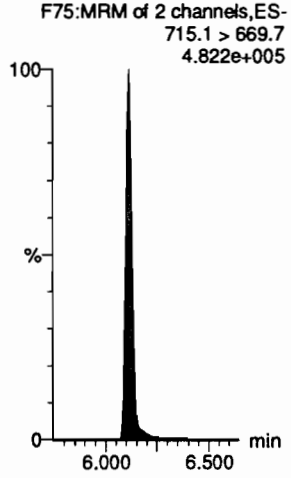
d3-N-MeFOSA-EIS



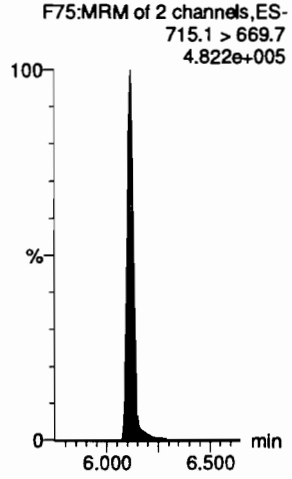
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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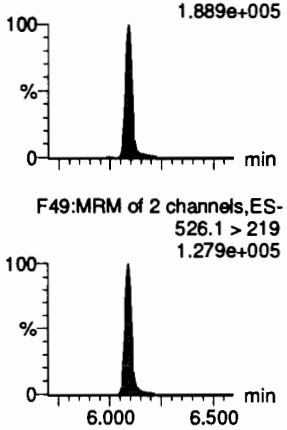
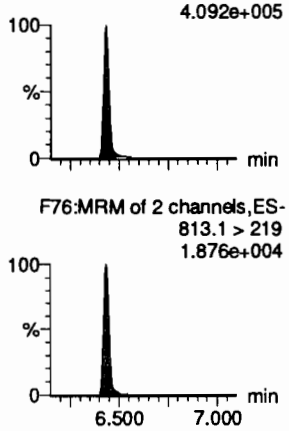
Name: 200709M1_33, Date: 09-Jul-2020, Time: 21:34:55, ID: ST200709M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

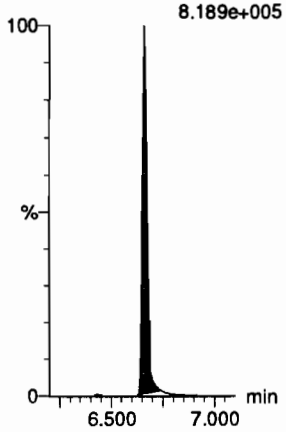
N-EtFOSA



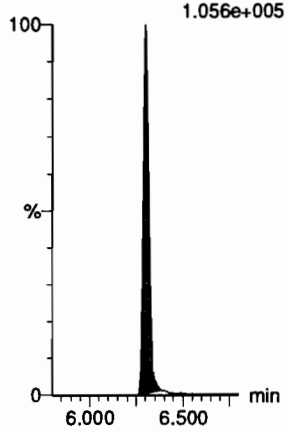
PFHxDA



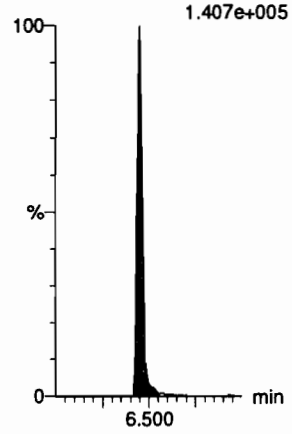
PFODA



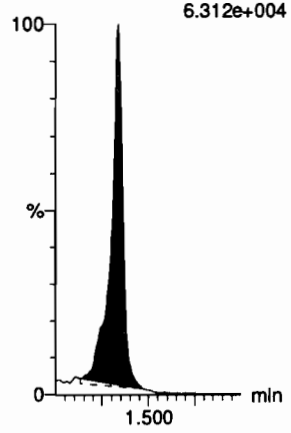
N-MeFOSE



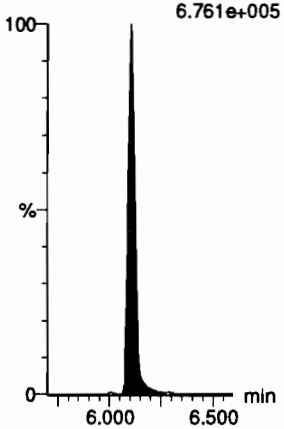
N-EtFOSE



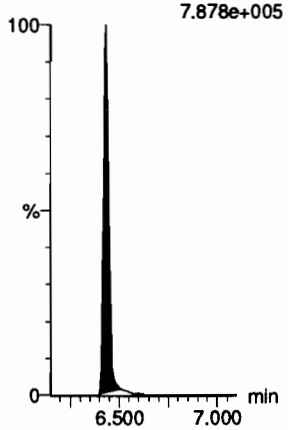
13C3-PFBA-RSD



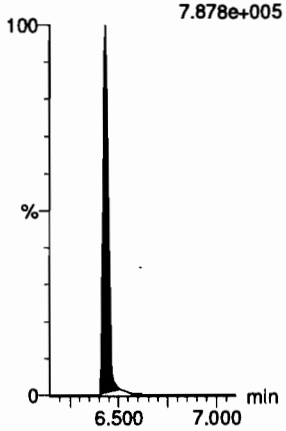
d5-N-ETFOSA-EIS



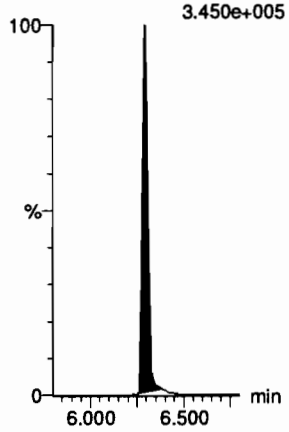
13C2-PFHxDA-EIS



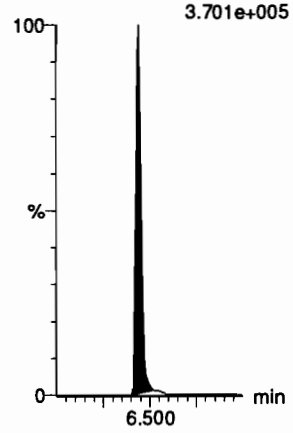
13C2-PFHxDA-EIS



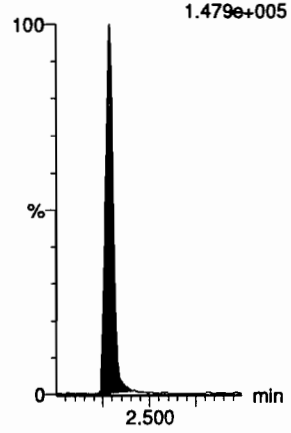
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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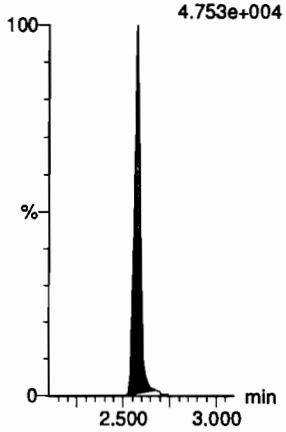
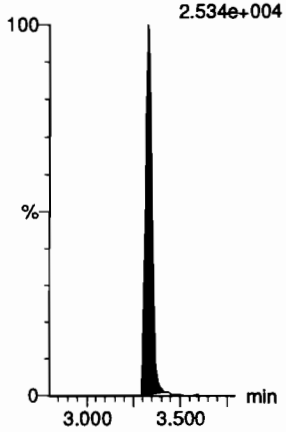
Name: 200709M1_33, Date: 09-Jul-2020, Time: 21:34:55, ID: ST200709M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

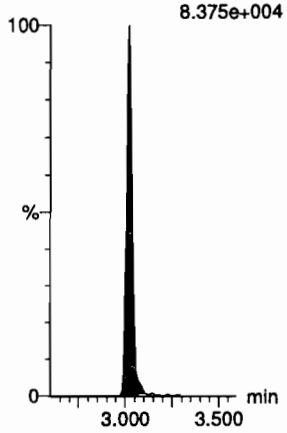
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
4.753e+004



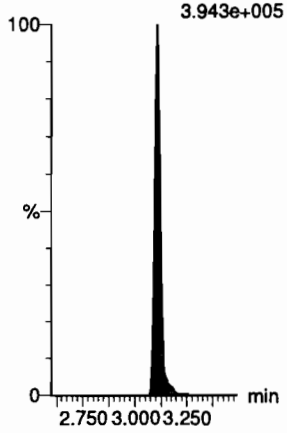
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.534e+004



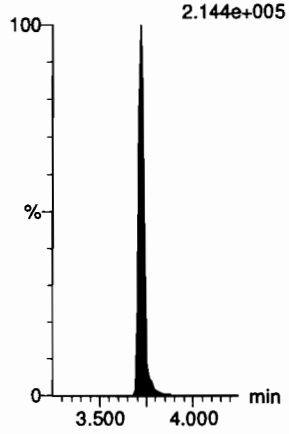
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
8.375e+004



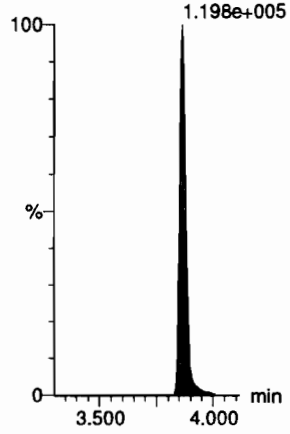
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.943e+005



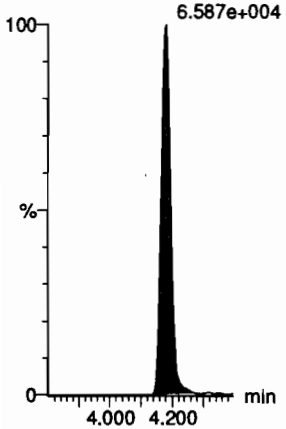
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.144e+005



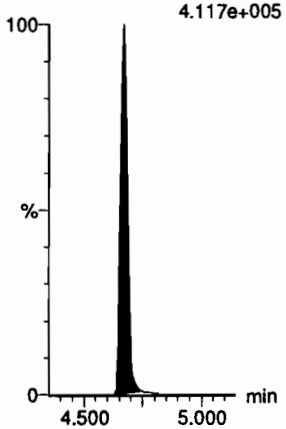
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.198e+005



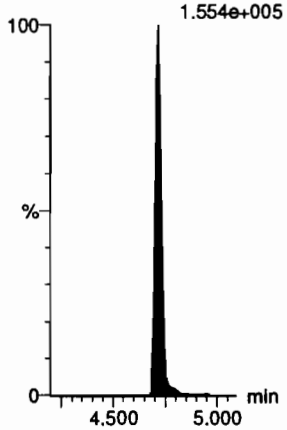
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.587e+004



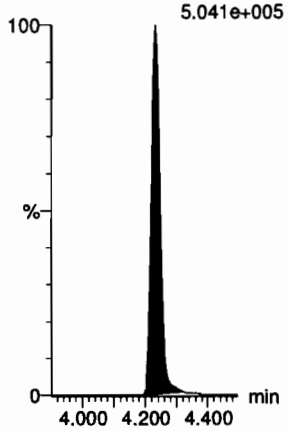
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.117e+005



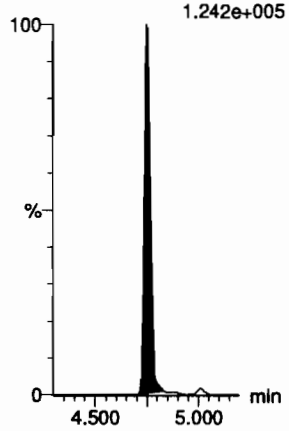
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.554e+005



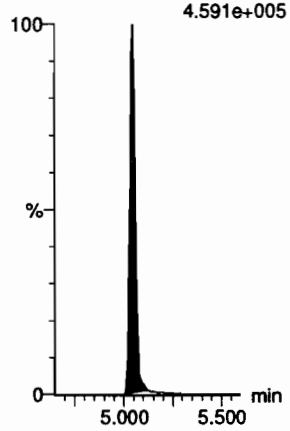
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
5.041e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.242e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.591e+005



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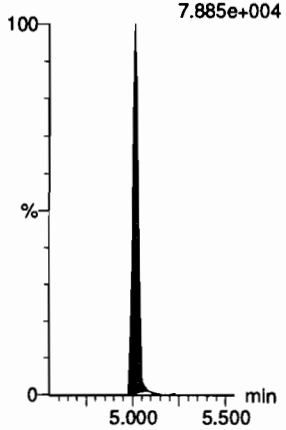
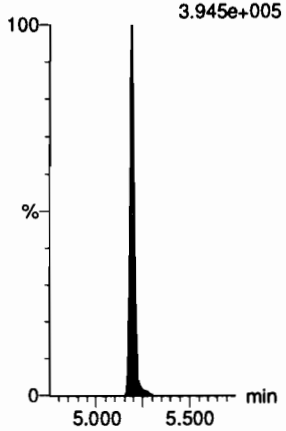
Name: 200709M1_33, Date: 09-Jul-2020, Time: 21:34:55, ID: ST200709M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

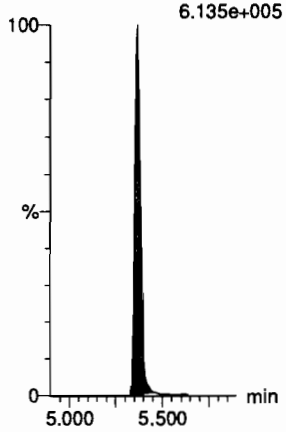
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
7.885e+004



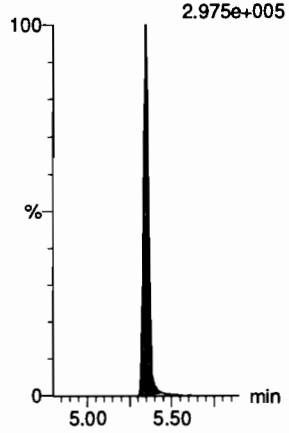
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.945e+005



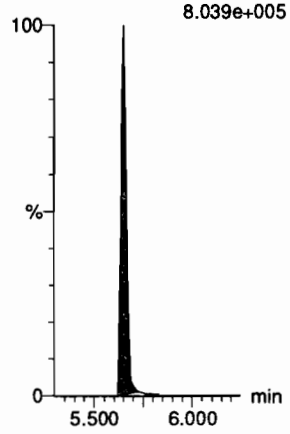
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.135e+005



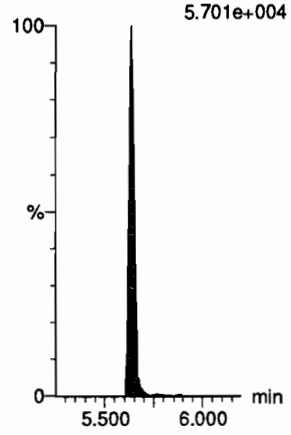
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.975e+005



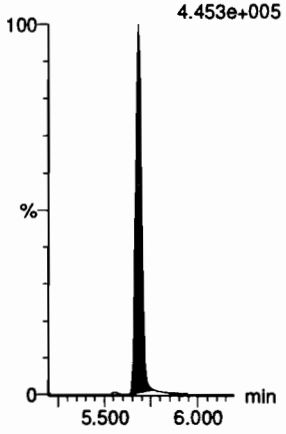
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
8.039e+005



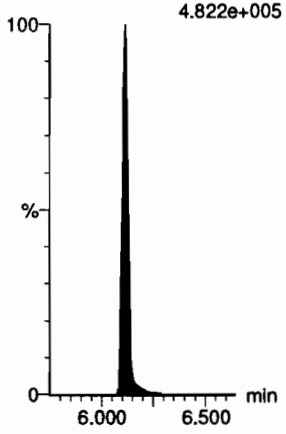
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.701e+004



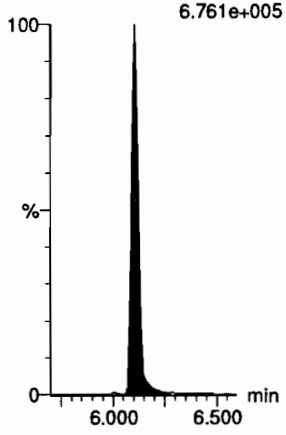
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.453e+005



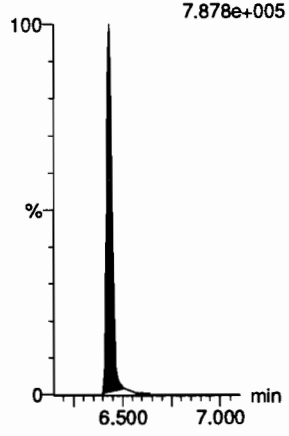
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.822e+005



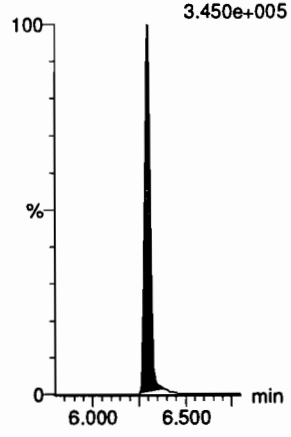
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.761e+005



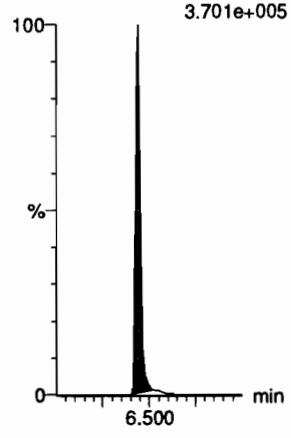
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.878e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.450e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.701e+005



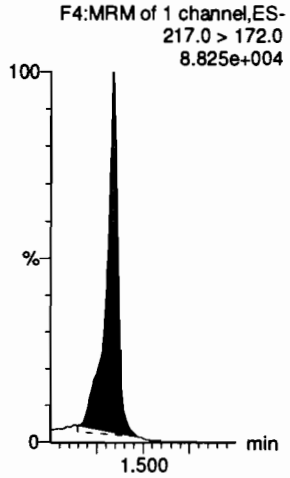
FBR 7/10/2020

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-33.qld

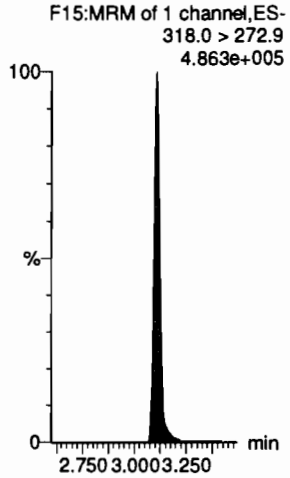
Last Altered: Friday, July 10, 2020 11:17:30 Pacific Daylight Time
Printed: Friday, July 10, 2020 11:54:08 Pacific Daylight Time

Name: 200709M1_33, Date: 09-Jul-2020, Time: 21:34:55, ID: ST200709M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

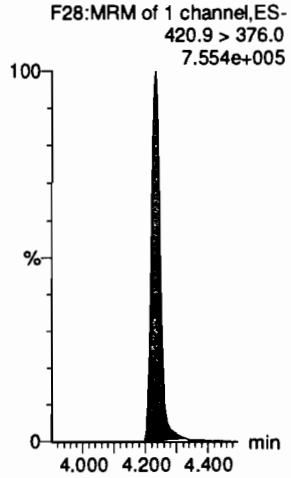
13C4-PFBA



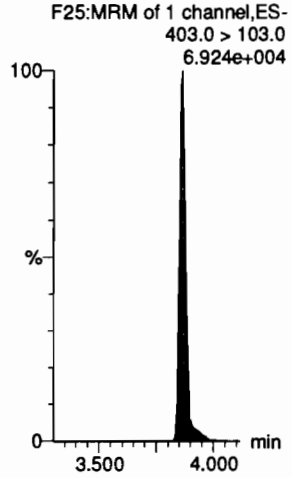
13C5-PFHxA



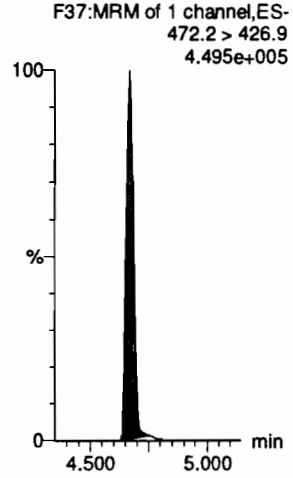
13C8-PFOA



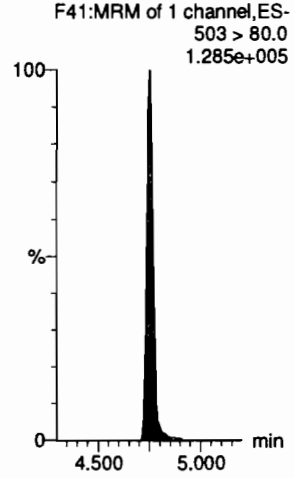
18O2-PFHxS



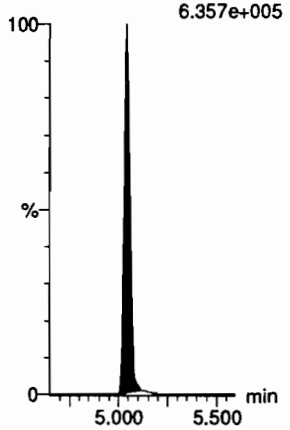
13C9-PFNA



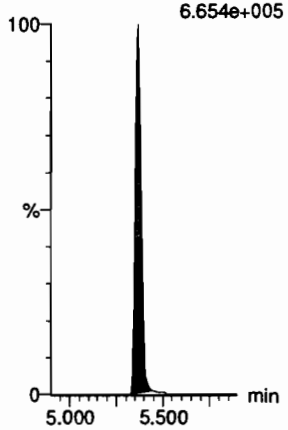
13C4-PFOS



13C6-PFDA



13C7-PFUdA



INITIAL CALIBRATION

High Points
3:3FTCA: 10
5:3FTCA:
7:3FTCA:
HFPO-DA: 250

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:02:28 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_070620.mdb 07 Jul 2020 08:33:50
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_07-06-20.cdb 07 Jul 2020 09:00:31

✓ 7R 07/07/2020

Compound name: PFBA
Correlation coefficient: r = 0.999694, r^2 = 0.999388
Calibration curve: 1.03125 * x + 0.0440308
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	1.62	224.138	8928.727	0.314	0.3	4.6	NO	0.999	NO	MM
2	200706P1-20	Standard	0.500	1.63	361.015	8907.738	0.507	0.4	-10.3	NO	0.999	NO	MM
3	200706P1-21	Standard	1.000	1.62	709.130	8876.085	0.999	0.9	-7.4	NO	0.999	NO	MM
4	200706P1-22	Standard	2.000	1.62	1468.812	8766.956	2.094	2.0	-0.6	NO	0.999	NO	MM
5	200706P1-23	Standard	5.000	1.62	4013.645	9407.555	5.333	5.1	2.6	NO	0.999	NO	MM
6	200706P1-24	Standard	10.000	1.62	7317.820	8620.372	10.611	10.2	2.5	NO	0.999	NO	MM
7	200706P1-25	Standard	50.000	1.62	38762.715	8816.157	54.960	53.3	6.5	NO	0.999	NO	MM
8	200706P1-26	Standard	100.000	1.62	78662.734	9290.569	105.837	102.6	2.6	NO	0.999	NO	MM
9	200706P1-27	Standard	250.000	1.62	191600.359	9147.883	261.810	253.8	1.5	NO	0.999	NO	MM
10	200706P1-28	Standard	500.000	1.62	379082.063	9375.081	505.438	490.1	-2.0	NO	0.999	NO	MM

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999729
Calibration curve: 0.000149868 * x^2 + 1.33446 * x + -0.0189522
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	1.98	36.254	1430.774	0.317	0.3	0.6	NO	1.000	NO	MM
2	200706P1-20	Standard	0.500	1.97	66.678	1426.593	0.584	0.5	-9.6	NO	1.000	NO	MM
3	200706P1-21	Standard	1.000	1.96	126.238	1288.172	1.225	0.9	-6.8	NO	1.000	NO	MM
4	200706P1-22	Standard	2.000	1.97	309.717	1362.586	2.841	2.1	7.1	NO	1.000	NO	MM
5	200706P1-23	Standard	5.000	1.97	806.974	1453.176	6.941	5.2	4.3	NO	1.000	NO	MM
6	200706P1-24	Standard	10.000	1.97	1418.837	1300.054	13.642	10.2	2.3	NO	1.000	NO	MM
7	200706P1-25	Standard	50.000	1.97	7679.092	1359.451	70.608	52.6	5.2	NO	1.000	NO	MM
8	200706P1-26	Standard	100.000	1.97	15324.713	1462.386	130.991	97.1	-2.9	NO	1.000	NO	MM
9	200706P1-27	Standard	250.000	1.97	37135.824	1358.583	341.678	249.1	-0.4	NO	1.000	NO	MM
10	200706P1-28	Standard	500.000	1.96	72343.227	1281.324	705.747	500.7	0.1	NO	1.000	NO	MM

ORV 07/07/20

Vista Analytical Laboratory

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:02:28 Pacific Daylight Time

Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.999100
Calibration curve: -0.000123651 * x^2 + 0.0842724 * x + -0.00450239
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	2.45	16.831	12471.803	0.017	0.3	1.5	NO	0.999	NO	MM
2	200706P1-20	Standard	0.500	2.44	36.185	12358.682	0.037	0.5	-2.4	NO	0.999	NO	bb
3	200706P1-21	Standard	1.000	2.45	74.965	12332.146	0.076	1.0	-4.4	NO	0.999	NO	MM
4	200706P1-22	Standard	2.000	2.44	146.643	12447.334	0.147	1.8	-9.7	NO	0.999	NO	bb
5	200706P1-23	Standard	5.000	2.44	406.714	13036.096	0.390	4.7	-5.7	NO	0.999	NO	bb
6	200706P1-24	Standard	10.000	2.44	767.598	12020.107	0.798	9.7	-3.4	NO	0.999	NO	MM
7	200706P1-25	Standard	50.000	2.45	4122.975	12771.221	4.035	51.9	3.8	NO	0.999	NO	MM
8	200706P1-26	Standard	100.000	2.44	7452.707	13078.910	7.123	98.9	-1.1	NO	0.999	NO	bb
9	200706P1-27	Standard	250.000	2.44	4127.253	12597.564	4.095	52.7	-78.9	YES	0.999	NO	MMX
10	200706P1-28	Standard	500.000	2.44	7500.442	11987.368	7.821	110.9	-77.8	YES	0.999	NO	MMX

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999942
Calibration curve: -4.09095e-005 * x^2 + 0.926116 * x + 0.00438806
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	2.60	238.196	12471.803	0.239	0.3	1.2	NO	1.000	NO	bb
2	200706P1-20	Standard	0.500	2.60	460.626	12358.682	0.466	0.5	-0.3	NO	1.000	NO	bb
3	200706P1-21	Standard	1.000	2.60	850.795	12332.146	0.862	0.9	-7.4	NO	1.000	NO	bb
4	200706P1-22	Standard	2.000	2.59	1880.688	12447.334	1.889	2.0	1.7	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	2.60	5018.948	13036.096	4.813	5.2	3.9	NO	1.000	NO	bb
6	200706P1-24	Standard	10.000	2.59	9078.976	12020.107	9.441	10.2	1.9	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	2.60	47747.203	12771.221	46.733	50.6	1.1	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	2.59	96911.305	13078.910	92.622	100.5	0.5	NO	1.000	NO	bb
9	200706P1-27	Standard	250.000	2.59	228499.891	12597.564	226.730	247.5	-1.0	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	2.59	435206.156	11987.368	453.817	501.1	0.2	NO	1.000	NO	bb

Vista Analytical Laboratory

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:02:28 Pacific Daylight Time

Compound name: PFBS
Coefficient of Determination: R^2 = 0.999832
Calibration curve: -0.000209368 * x^2 + 2.56013 * x + 0.0091719
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	2.87	67.622	1430.774	0.591	0.2	-9.1	NO	1.000	NO	MM
2	200706P1-20	Standard	0.500	2.87	145.417	1426.593	1.274	0.5	-1.2	NO	1.000	NO	bb
3	200706P1-21	Standard	1.000	2.87	250.462	1288.172	2.430	0.9	-5.4	NO	1.000	NO	bb
4	200706P1-22	Standard	2.000	2.87	595.881	1362.586	5.466	2.1	6.6	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	2.87	1584.747	1453.176	13.632	5.3	6.5	NO	1.000	NO	bb
6	200706P1-24	Standard	10.000	2.87	2727.353	1300.054	26.223	10.2	2.5	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	2.87	14348.611	1359.451	131.934	51.7	3.5	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	2.87	29385.908	1462.386	251.181	98.9	-1.1	NO	1.000	NO	bb
9	200706P1-27	Standard	250.000	2.87	67410.695	1358.583	620.230	247.3	-1.1	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	2.87	126203.414	1281.324	1231.182	501.5	0.3	NO	1.000	NO	bb

Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.999612
Calibration curve: -0.00110944 * x^2 + 2.87043 * x + -0.114307
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	3.31	61.119	1271.797	0.601	0.2	-0.4	NO	1.000	NO	bb
2	200706P1-20	Standard	0.500	3.31	123.574	1275.190	1.211	0.5	-7.6	NO	1.000	NO	bb
3	200706P1-21	Standard	1.000	3.31	282.822	1294.699	2.731	1.0	-0.9	NO	1.000	NO	bb
4	200706P1-22	Standard	2.000	3.31	597.155	1286.646	5.801	2.1	3.1	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	3.31	1471.553	1387.692	13.255	4.7	-6.7	NO	1.000	NO	bb
6	200706P1-24	Standard	10.000	3.31	2754.299	1261.296	27.296	9.6	-4.2	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	3.31	14316.868	1305.578	137.074	48.7	-2.6	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	3.30	27991.281	1218.574	287.132	104.3	4.3	NO	1.000	NO	bb
9	200706P1-27	Standard	250.000	3.30	60501.387	1180.548	640.607	246.7	-1.3	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	3.31	109654.984	1181.993	1159.641	501.1	0.2	NO	1.000	NO	bb

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:02:28 Pacific Daylight Time

Compound name: PFHxA
Correlation coefficient: r = 0.999727, r^2 = 0.999454
Calibration curve: 1.03548 * x + 0.0754497
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	3.38	431.505	14936.540	0.361	0.3	10.4	NO	0.999	NO	bb
2	200706P1-20	Standard	0.500	3.39	599.944	14827.862	0.506	0.4	-16.9	NO	0.999	NO	bb
3	200706P1-21	Standard	1.000	3.39	1380.920	14195.111	1.216	1.1	10.1	NO	0.999	NO	bb
4	200706P1-22	Standard	2.000	3.39	2554.808	14182.590	2.252	2.1	5.1	NO	0.999	NO	bb
5	200706P1-23	Standard	5.000	3.39	6792.274	15680.674	5.415	5.2	3.1	NO	0.999	NO	MM
6	200706P1-24	Standard	10.000	3.39	12631.318	13629.407	11.585	11.1	11.1	NO	0.999	NO	bb
7	200706P1-25	Standard	50.000	3.39	63029.477	14633.210	53.841	51.9	3.8	NO	0.999	NO	bb
8	200706P1-26	Standard	100.000	3.39	125325.680	14554.702	107.633	103.9	3.9	NO	0.999	NO	bb
9	200706P1-27	Standard	250.000	3.39	294457.438	14243.385	258.416	249.5	-0.2	NO	0.999	NO	bb
10	200706P1-28	Standard	500.000	3.39	566684.250	13865.558	510.874	493.3	-1.3	NO	0.999	NO	bb

Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999616
Calibration curve: -0.000388732 * x^2 + 2.09219 * x + -0.0212532
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	3.57	46.266	1430.774	0.404	0.2	-18.7	NO	1.000	NO	bb
2	200706P1-20	Standard	0.500	3.57	120.203	1426.593	1.053	0.5	2.7	NO	1.000	NO	bb
3	200706P1-21	Standard	1.000	3.57	248.538	1288.172	2.412	1.2	16.3	NO	1.000	NO	bb
4	200706P1-22	Standard	2.000	3.57	412.033	1362.586	3.780	1.8	-9.1	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	3.57	1295.522	1453.176	11.144	5.3	6.8	NO	1.000	NO	bb
6	200706P1-24	Standard	10.000	3.57	2134.522	1300.054	20.523	9.8	-1.6	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	3.57	11848.764	1359.451	108.948	52.6	5.2	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	3.57	23990.066	1462.386	205.059	99.9	-0.1	NO	1.000	NO	MM
9	200706P1-27	Standard	250.000	3.57	53147.805	1358.583	489.000	244.9	-2.0	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	3.57	97715.898	1281.324	953.271	502.6	0.5	NO	1.000	NO	MM

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
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Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.999787
Calibration curve: -0.00042067 * x^2 + 1.01205 * x + -0.0211231
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	3.58	39.732	2996.421	0.166	0.2	-26.1	NO	1.000	NO	bb
2	200706P1-20	Standard	0.500	3.59	133.603	3291.715	0.507	0.5	4.5	NO	1.000	NO	bb
3	200706P1-21	Standard	1.000	3.59	284.533	3299.751	1.078	1.1	8.6	NO	1.000	NO	bb
4	200706P1-22	Standard	2.000	3.59	479.142	2848.392	2.103	2.1	5.0	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	3.59	1296.487	3231.837	5.015	5.0	-0.3	NO	1.000	NO	bb
6	200706P1-24	Standard	10.000	3.59	2324.764	2853.265	10.185	10.1	1.3	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	3.59	12478.461	3226.841	48.339	48.8	-2.5	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	3.59	24613.289	3134.820	98.145	101.3	1.3	NO	1.000	NO	bb
9	200706P1-27	Standard	250.000	3.59	57722.828	3186.079	226.465	249.7	-0.1	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	3.59	110444.586	3076.034	448.811	586.4	17.3	NO	1.000	NO	bbX

Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.999294
Calibration curve: -0.000279748 * x^2 + 0.179933 * x + -0.0070197
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	3.92	44.897	12966.955	0.043	0.3	11.9	NO	0.999	NO	bb
2	200706P1-20	Standard	0.500	3.93	71.677	12233.538	0.073	0.4	-10.7	NO	0.999	NO	bb
3	200706P1-21	Standard	1.000	3.92	161.051	12536.285	0.161	0.9	-6.7	NO	0.999	NO	bb
4	200706P1-22	Standard	2.000	3.92	342.720	12763.619	0.336	1.9	-4.5	NO	0.999	NO	bb
5	200706P1-23	Standard	5.000	3.92	881.611	12970.818	0.850	4.8	-4.1	NO	0.999	NO	bb
6	200706P1-24	Standard	10.000	3.92	1668.424	12289.430	1.697	9.6	-3.9	NO	0.999	NO	bb
7	200706P1-25	Standard	50.000	3.92	8728.139	12769.633	8.544	51.7	3.3	NO	0.999	NO	bb
8	200706P1-26	Standard	100.000	3.92	15605.692	12943.463	15.071	99.1	-0.9	NO	0.999	NO	bb
9	200706P1-27	Standard	250.000	3.92	8733.977	11840.771	9.220	56.2	-77.5	YES	0.999	NO	bbX
10	200706P1-28	Standard	500.000	3.92	16260.669	11650.135	17.447	119.0	-76.2	YES	0.999	NO	bbX

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Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999869
Calibration curve: -0.000182594 * x^2 + 1.3002 * x + 0.0362384
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	3.99	418.160	12966.955	0.403	0.3	12.9	NO	1.000	NO	bb
2	200706P1-20	Standard	0.500	3.99	658.920	12233.538	0.673	0.5	-2.0	NO	1.000	NO	bb
3	200706P1-21	Standard	1.000	3.98	1310.164	12536.285	1.306	1.0	-2.3	NO	1.000	NO	MM
4	200706P1-22	Standard	2.000	3.98	2635.286	12763.619	2.581	2.0	-2.1	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	3.98	6939.015	12970.818	6.687	5.1	2.4	NO	1.000	NO	bb
6	200706P1-24	Standard	10.000	3.98	12993.593	12289.430	13.216	10.2	1.5	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	3.98	67866.617	12769.633	66.434	51.4	2.9	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	3.98	129715.906	12943.463	125.272	97.7	-2.3	NO	1.000	NO	bb
9	200706P1-27	Standard	250.000	3.98	297924.625	11840.771	314.511	250.7	0.3	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	3.98	563375.000	11650.135	604.473	500.0	-0.0	NO	1.000	NO	bb

Compound name: ADONA
Coefficient of Determination: R^2 = 0.999933
Calibration curve: -0.000211186 * x^2 + 2.1692 * x + 0.077206
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	4.10	554.163	12966.955	0.534	0.2	-15.7	NO	1.000	NO	bb
2	200706P1-20	Standard	0.500	4.10	1238.257	12233.538	1.265	0.5	9.5	NO	1.000	NO	bb
3	200706P1-21	Standard	1.000	4.10	2290.803	12536.285	2.284	1.0	1.8	NO	1.000	NO	bb
4	200706P1-22	Standard	2.000	4.10	4434.866	12763.619	4.343	2.0	-1.6	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	4.10	11838.877	12970.818	11.409	5.2	4.5	NO	1.000	NO	bb
6	200706P1-24	Standard	10.000	4.10	21671.572	12289.430	22.043	10.1	1.4	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	4.10	112033.008	12769.633	109.667	50.8	1.5	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	4.10	219256.641	12943.463	211.745	98.5	-1.5	NO	1.000	NO	bb
9	200706P1-27	Standard	250.000	4.09	501761.875	11840.771	529.697	250.3	0.1	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	4.09	961901.500	11650.135	1032.071	500.1	0.0	NO	1.000	NO	bb

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Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.998975
Calibration curve: -1.6968e-005 * x^2 + 1.09268 * x + 0.0771315
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	4.13	72.119	2847.260	0.317	0.2	-12.3	NO	0.999	NO	MM
2	200706P1-20	Standard	0.500	4.13	145.439	2779.479	0.654	0.5	5.6	NO	0.999	NO	MM
3	200706P1-21	Standard	1.000	4.13	249.120	2651.918	1.174	1.0	0.4	NO	0.999	NO	MM
4	200706P1-22	Standard	2.000	4.13	541.163	2816.980	2.401	2.1	6.4	NO	0.999	NO	MM
5	200706P1-23	Standard	5.000	4.13	1349.779	3217.580	5.244	4.7	-5.4	NO	0.999	NO	MM
6	200706P1-24	Standard	10.000	4.13	2401.274	2751.402	10.909	9.9	-0.9	NO	0.999	NO	MM
7	200706P1-25	Standard	50.000	4.13	12677.968	2742.332	57.788	52.9	5.7	NO	0.999	NO	MM
8	200706P1-26	Standard	100.000	4.13	24617.160	2706.095	113.712	104.2	4.2	NO	0.999	NO	MM
9	200706P1-27	Standard	250.000	4.13	54337.816	2614.377	259.803	238.6	-4.6	NO	0.999	NO	MM
10	200706P1-28	Standard	500.000	4.13	108657.328	2482.339	547.152	504.6	0.9	NO	0.999	NO	MM

Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.997712
Calibration curve: -0.000191359 * x^2 + 1.14566 * x + 0.00198468
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	4.46	32.399	1614.767	0.251	0.2	-13.1	NO	0.998	NO	bb
2	200706P1-20	Standard	0.500	4.45	79.715	1610.712	0.619	0.5	7.7	NO	0.998	NO	bb
3	200706P1-21	Standard	1.000	4.46	131.763	1404.711	1.173	1.0	2.2	NO	0.998	NO	bb
4	200706P1-22	Standard	2.000	4.45	272.289	1542.265	2.207	1.9	-3.7	NO	0.998	NO	bb
5	200706P1-23	Standard	5.000	4.45	750.350	1637.135	5.729	5.0	0.1	NO	0.998	NO	bb
6	200706P1-24	Standard	10.000	4.45	1442.196	1609.265	11.202	9.8	-2.1	NO	0.998	NO	bb
7	200706P1-25	Standard	50.000	4.45	7648.623	1440.831	66.356	58.5	17.0	NO	0.998	NO	bb
8	200706P1-26	Standard	100.000	4.45	13593.849	1590.387	106.844	94.8	-5.2	NO	0.998	NO	bb
9	200706P1-27	Standard	250.000	4.45	31713.313	1483.970	267.132	243.0	-2.8	NO	0.998	NO	bb
10	200706P1-28	Standard	500.000	4.45	62559.508	1478.616	528.869	504.1	0.8	NO	0.998	NO	bb

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Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999173
Calibration curve: -0.000202972 * x^2 + 1.13013 * x + 0.0543225
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	4.51	402.750	14231.127	0.354	0.3	6.0	NO	0.999	NO	bb
2	200706P1-20	Standard	0.500	4.51	746.570	14540.555	0.642	0.5	4.0	NO	0.999	NO	MM
3	200706P1-21	Standard	1.000	4.51	1359.390	14506.504	1.171	1.0	-1.1	NO	0.999	NO	bb
4	200706P1-22	Standard	2.000	4.51	2821.796	14455.132	2.440	2.1	5.6	NO	0.999	NO	bb
5	200706P1-23	Standard	5.000	4.51	7101.591	14986.464	5.923	5.2	4.0	NO	0.999	NO	bb
6	200706P1-24	Standard	10.000	4.51	12739.101	14430.539	11.035	9.7	-2.7	NO	0.999	NO	bb
7	200706P1-25	Standard	50.000	4.51	64434.711	14123.512	57.028	50.9	1.8	NO	0.999	NO	bb
8	200706P1-26	Standard	100.000	4.50	125726.648	13491.245	116.489	105.0	5.0	NO	0.999	NO	bb
9	200706P1-27	Standard	250.000	4.50	279348.875	13468.371	259.264	239.7	-4.1	NO	0.999	NO	bb
10	200706P1-28	Standard	500.000	4.50	516969.813	12462.934	518.507	504.5	0.9	NO	0.999	NO	bb

Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999583
Calibration curve: -1.03658e-005 * x^2 + 0.226457 * x + -0.0088356
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	4.52	50.094	14231.127	0.044	0.2	-6.7	NO	1.000	NO	bb
2	200706P1-20	Standard	0.500	4.52	101.628	14540.555	0.087	0.4	-15.0	NO	1.000	NO	bb
3	200706P1-21	Standard	1.000	4.52	253.716	14506.504	0.219	1.0	0.4	NO	1.000	NO	bb
4	200706P1-22	Standard	2.000	4.52	534.832	14455.132	0.462	2.1	4.1	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	4.52	1394.911	14986.464	1.163	5.2	3.6	NO	1.000	NO	bd
6	200706P1-24	Standard	10.000	4.52	2494.757	14430.539	2.161	9.6	-4.1	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	4.52	12767.402	14123.512	11.300	50.1	0.1	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	4.52	25309.250	13491.245	23.450	104.1	4.1	NO	1.000	NO	MM
9	200706P1-27	Standard	250.000	4.52	58804.926	13468.371	54.577	243.8	-2.5	NO	1.000	NO	MM
10	200706P1-28	Standard	500.000	4.52	110806.039	12462.934	111.136	502.3	0.5	NO	1.000	NO	bb

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Compound name: PFHpS
Coefficient of Determination: R^2 = 0.999887
Calibration curve: -0.000106932 * x^2 + 0.973986 * x + 0.00516936
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	4.61	53.117	2884.344	0.230	0.2	-7.6	NO	1.000	NO	bb
2	200706P1-20	Standard	0.500	4.61	138.128	2845.779	0.607	0.6	23.5	NO	1.000	NO	bb
3	200706P1-21	Standard	1.000	4.61	218.210	3008.333	0.907	0.9	-7.4	NO	1.000	NO	bb
4	200706P1-22	Standard	2.000	4.61	453.914	2875.965	1.973	2.0	1.0	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	4.61	1119.986	3118.928	4.489	4.6	-7.9	NO	1.000	NO	bb
6	200706P1-24	Standard	10.000	4.61	2148.840	2818.869	9.529	9.8	-2.1	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	4.61	11341.566	2950.445	48.050	49.6	-0.8	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	4.61	21786.094	2787.149	97.708	101.4	1.4	NO	1.000	NO	bb
9	200706P1-27	Standard	250.000	4.61	50363.949	2663.154	236.392	249.5	-0.2	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	4.61	94909.617	2577.664	460.250	500.0	-0.0	NO	1.000	NO	bb

Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.999371
Calibration curve: -0.000492227 * x^2 + 0.313584 * x + 0.000408564
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	4.93	111.070	14827.067	0.094	0.3	19.0	NO	0.999	NO	bb
2	200706P1-20	Standard	0.500	4.93	194.742	15608.248	0.156	0.5	-0.7	NO	0.999	NO	bb
3	200706P1-21	Standard	1.000	4.93	314.573	15269.105	0.258	0.8	-17.9	NO	0.999	NO	bb
4	200706P1-22	Standard	2.000	4.93	719.897	14161.967	0.635	2.0	1.6	NO	0.999	NO	bb
5	200706P1-23	Standard	5.000	4.93	2008.997	15977.628	1.572	5.1	1.0	NO	0.999	NO	bb
6	200706P1-24	Standard	10.000	4.93	3579.841	15164.249	2.951	9.6	-4.5	NO	0.999	NO	bb
7	200706P1-25	Standard	50.000	4.93	18687.814	15860.334	14.728	51.1	2.1	NO	0.999	NO	bb
8	200706P1-26	Standard	100.000	4.93	32013.811	15209.911	26.310	99.4	-0.6	NO	0.999	NO	bb
9	200706P1-27	Standard	250.000	4.93	17797.135	14402.273	15.446	53.8	-78.5	YES	0.999	NO	bbX
10	200706P1-28	Standard	500.000	4.93	30134.631	13593.457	27.711	106.0	-78.8	YES	0.999	NO	bbX

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Compound name: PFNA
Coefficient of Determination: R^2 = 0.999826
Calibration curve: -9.83022e-005 * x^2 + 1.11707 * x + 0.0195168
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	4.94	353.683	14827.067	0.298	0.2	-0.2	NO	1.000	NO	bb
2	200706P1-20	Standard	0.500	4.94	686.247	15608.248	0.550	0.5	-5.1	NO	1.000	NO	bb
3	200706P1-21	Standard	1.000	4.94	1390.156	15269.105	1.138	1.0	0.1	NO	1.000	NO	bb
4	200706P1-22	Standard	2.000	4.94	2837.898	14161.967	2.505	2.2	11.3	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	4.94	6815.411	15977.628	5.332	4.8	-4.8	NO	1.000	NO	bb
6	200706P1-24	Standard	10.000	4.94	13724.298	15164.249	11.313	10.1	1.2	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	4.94	68681.820	15860.334	54.130	48.6	-2.7	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	4.94	133434.094	15209.911	109.660	99.0	-1.0	NO	1.000	NO	bb
9	200706P1-27	Standard	250.000	4.94	319612.250	14402.273	277.397	254.0	1.6	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	4.94	578770.500	13593.457	532.214	498.3	-0.3	NO	1.000	NO	bb

Compound name: PFOSA
Coefficient of Determination: R^2 = 0.999934
Calibration curve: -5.74782e-005 * x^2 + 0.690246 * x + 0.00511601
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	4.99	104.279	7350.009	0.177	0.2	-0.2	NO	1.000	NO	bb
2	200706P1-20	Standard	0.500	4.99	185.141	7155.503	0.323	0.5	-7.8	NO	1.000	NO	bb
3	200706P1-21	Standard	1.000	4.99	396.909	6949.531	0.714	1.0	2.7	NO	1.000	NO	bb
4	200706P1-22	Standard	2.000	4.99	820.227	7224.200	1.419	2.0	2.5	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	4.98	2290.898	7949.741	3.602	5.2	4.3	NO	1.000	NO	bb
6	200706P1-24	Standard	10.000	4.99	3983.124	7142.181	6.971	10.1	1.0	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	4.99	20044.924	7268.384	34.473	50.1	0.3	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	4.99	39994.836	7226.727	69.179	101.1	1.1	NO	1.000	NO	bb
9	200706P1-27	Standard	250.000	4.99	90138.398	6740.430	167.160	247.3	-1.1	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	4.99	168738.094	6362.523	331.508	501.2	0.2	NO	1.000	NO	bb

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Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.999703
Calibration curve: -0.000187013 * x^2 + 1.27905 * x + -0.0944633
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	5.02	53.010	2884.344	0.230	0.3	1.4	NO	1.000	NO	MM
2	200706P1-20	Standard	0.500	5.02	112.943	2845.779	0.496	0.5	-7.7	NO	1.000	NO	MM
3	200706P1-21	Standard	1.000	5.02	242.326	3008.333	1.007	0.9	-13.9	NO	1.000	NO	MM
4	200706P1-22	Standard	2.000	5.02	569.359	2875.965	2.475	2.0	0.5	NO	1.000	NO	MM
5	200706P1-23	Standard	5.000	5.02	1445.085	3118.928	5.792	4.6	-7.9	NO	1.000	NO	MM
6	200706P1-24	Standard	10.000	5.02	2835.026	2818.869	12.572	9.9	-0.8	NO	1.000	NO	MM
7	200706P1-25	Standard	50.000	5.02	14350.122	2950.445	60.796	47.9	-4.1	NO	1.000	NO	MM
8	200706P1-26	Standard	100.000	5.02	28907.240	2787.149	129.645	103.0	3.0	NO	1.000	NO	MM
9	200706P1-27	Standard	250.000	5.02	65694.383	2663.154	308.349	250.3	0.1	NO	1.000	NO	MM
10	200706P1-28	Standard	500.000	5.02	122082.406	2577.664	592.021	499.4	-0.1	NO	1.000	NO	MM

Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.999799
Calibration curve: -0.000316616 * x^2 + 2.84896 * x + 0.0165096
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	5.24	199.800	2884.344	0.866	0.3	19.3	NO	1.000	NO	bb
2	200706P1-20	Standard	0.500	5.24	286.510	2845.779	1.258	0.4	-12.8	NO	1.000	NO	bb
3	200706P1-21	Standard	1.000	5.23	691.518	3008.333	2.873	1.0	0.3	NO	1.000	NO	bb
4	200706P1-22	Standard	2.000	5.24	1367.717	2875.965	5.945	2.1	4.1	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	5.23	3352.800	3118.928	13.437	4.7	-5.7	NO	1.000	NO	bb
6	200706P1-24	Standard	10.000	5.23	6173.412	2818.869	27.375	9.6	-3.9	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	5.24	33013.273	2950.445	139.866	49.4	-1.3	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	5.23	61952.328	2787.149	277.848	98.6	-1.4	NO	1.000	NO	bb
9	200706P1-27	Standard	250.000	5.23	150274.875	2663.154	705.343	254.8	1.9	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	5.23	276304.250	2577.664	1339.897	497.8	-0.4	NO	1.000	NO	bb

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Compound name: PFDA
Coefficient of Determination: R^2 = 0.999933
Calibration curve: -0.000101556 * x^2 + 0.846184 * x + 0.0441258
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	5.31	370.801	18137.861	0.256	0.2	-0.1	NO	1.000	NO	MM
2	200706P1-20	Standard	0.500	5.31	761.356	19338.936	0.492	0.5	5.9	NO	1.000	NO	MM
3	200706P1-21	Standard	1.000	5.31	1374.172	18429.492	0.932	1.0	4.9	NO	1.000	NO	MM
4	200706P1-22	Standard	2.000	5.31	2759.825	19687.527	1.752	2.0	1.0	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	5.31	7278.292	19663.701	4.627	5.4	8.4	NO	1.000	NO	bb
6	200706P1-24	Standard	10.000	5.31	12883.442	18643.387	8.638	10.2	1.7	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	5.31	66944.820	19964.771	41.914	49.8	-0.4	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	5.31	132335.688	19861.670	83.286	99.6	-0.4	NO	1.000	NO	bb
9	200706P1-27	Standard	250.000	5.31	314015.188	19146.473	205.009	249.7	-0.1	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	5.31	582916.063	18310.025	397.949	500.3	0.1	NO	1.000	NO	bb

Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.998921
Calibration curve: -0.000876709 * x^2 + 1.37036 * x + -0.084038
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	5.29	19.813	1541.506	0.161	0.2	-28.6	NO	0.999	NO	bb
2	200706P1-20	Standard	0.500	5.29	101.800	1580.063	0.805	0.6	29.9	NO	0.999	NO	bb
3	200706P1-21	Standard	1.000	5.29	163.951	1512.862	1.355	1.1	5.1	NO	0.999	NO	bb
4	200706P1-22	Standard	2.000	5.29	297.397	1542.955	2.409	1.8	-8.9	NO	0.999	NO	bb
5	200706P1-23	Standard	5.000	5.29	644.510	1469.703	5.482	4.1	-18.6	NO	0.999	NO	bb
6	200706P1-24	Standard	10.000	5.29	1466.993	1379.408	13.294	9.8	-1.8	NO	0.999	NO	bb
7	200706P1-25	Standard	50.000	5.29	7679.081	1477.570	64.964	49.0	-2.0	NO	0.999	NO	bb
8	200706P1-26	Standard	100.000	5.29	13518.479	1351.704	125.013	97.4	-2.6	NO	0.999	NO	bb
9	200706P1-27	Standard	250.000	5.29	34192.176	1433.317	298.191	261.4	4.5	NO	0.999	NO	bb
10	200706P1-28	Standard	500.000	5.29	57850.203	1567.050	461.458	491.1	-1.8	NO	0.999	NO	bb

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Compound name: PFNS
Coefficient of Determination: R^2 = 0.999393
Calibration curve: -0.000161375 * x^2 + 1.33537 * x + -0.0984438
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	5.37	43.194	2884.344	0.187	0.2	-14.4	NO	0.999	NO	bb
2	200706P1-20	Standard	0.500	5.37	107.916	2845.779	0.474	0.4	-14.3	NO	0.999	NO	bb
3	200706P1-21	Standard	1.000	5.37	283.382	3008.333	1.177	1.0	-4.4	NO	0.999	NO	bb
4	200706P1-22	Standard	2.000	5.37	662.211	2875.965	2.878	2.2	11.5	NO	0.999	NO	bb
5	200706P1-23	Standard	5.000	5.37	1595.811	3118.928	6.396	4.9	-2.7	NO	0.999	NO	bb
6	200706P1-24	Standard	10.000	5.37	2824.457	2818.869	12.525	9.5	-5.4	NO	0.999	NO	bb
7	200706P1-25	Standard	50.000	5.37	15054.567	2950.445	63.781	48.1	-3.8	NO	0.999	NO	bb
8	200706P1-26	Standard	100.000	5.37	30957.924	2787.149	138.842	105.4	5.4	NO	0.999	NO	bb
9	200706P1-27	Standard	250.000	5.37	67847.297	2663.154	318.454	245.9	-1.7	NO	0.999	NO	bb
10	200706P1-28	Standard	500.000	5.37	129647.547	2577.664	628.707	501.2	0.2	NO	0.999	NO	bb

Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.999777
Calibration curve: -0.000326513 * x^2 + 1.22499 * x + -0.0565243
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	5.46	71.988	4408.401	0.204	0.2	-14.9	NO	1.000	NO	MM
2	200706P1-20	Standard	0.500	5.46	224.694	4346.208	0.646	0.6	14.8	NO	1.000	NO	MM
3	200706P1-21	Standard	1.000	5.46	360.872	4230.765	1.066	0.9	-8.3	NO	1.000	NO	MM
4	200706P1-22	Standard	2.000	5.46	790.665	4359.749	2.267	1.9	-5.1	NO	1.000	NO	MM
5	200706P1-23	Standard	5.000	5.46	2062.203	4489.936	5.741	4.7	-5.2	NO	1.000	NO	MM
6	200706P1-24	Standard	10.000	5.46	4063.961	4139.533	12.272	10.1	0.9	NO	1.000	NO	MM
7	200706P1-25	Standard	50.000	5.46	20269.383	4321.417	58.631	48.5	-2.9	NO	1.000	NO	MM
8	200706P1-26	Standard	100.000	5.46	41898.453	4277.929	122.426	102.8	2.8	NO	1.000	NO	MM
9	200706P1-27	Standard	250.000	5.46	94387.063	4146.951	284.507	248.8	-0.5	NO	1.000	NO	MM
10	200706P1-28	Standard	500.000	5.46	179868.844	4234.389	530.976	500.2	0.0	NO	1.000	NO	MM

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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_070620.mdb 07 Jul 2020 08:33:50
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_07-06-20.cdb 07 Jul 2020 09:00:31

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999878
Calibration curve: -0.000317928 * x^2 + 1.39659 * x + -0.0635925
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	5.62	84.529	3974.848	0.266	0.2	-5.6	NO	1.000	NO	MM
2	200706P1-20	Standard	0.500	5.62	239.245	4387.888	0.682	0.5	6.7	NO	1.000	NO	MM
3	200706P1-21	Standard	1.000	5.61	432.019	4370.321	1.236	0.9	-6.9	NO	1.000	NO	MM
4	200706P1-22	Standard	2.000	5.62	918.698	4172.910	2.752	2.0	0.8	NO	1.000	NO	MM
5	200706P1-23	Standard	5.000	5.61	2404.692	4350.434	6.909	5.0	-0.0	NO	1.000	NO	MM
6	200706P1-24	Standard	10.000	5.61	4571.777	3924.268	14.563	10.5	5.0	NO	1.000	NO	MM
7	200706P1-25	Standard	50.000	5.62	23885.766	4351.004	68.621	49.7	-0.5	NO	1.000	NO	MM
8	200706P1-26	Standard	100.000	5.61	46426.203	4188.651	138.548	101.6	1.6	NO	1.000	NO	MM
9	200706P1-27	Standard	250.000	5.61	105011.930	4036.783	325.172	246.7	-1.3	NO	1.000	NO	MM
10	200706P1-28	Standard	500.000	5.61	187964.344	3787.376	620.365	501.5	0.3	NO	1.000	NO	MM

Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999582
Calibration curve: -0.000302944 * x^2 + 1.10094 * x + 0.0188328
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	5.63	461.576	18683.264	0.309	0.3	5.4	NO	1.000	NO	bb
2	200706P1-20	Standard	0.500	5.63	937.633	19852.086	0.590	0.5	3.8	NO	1.000	NO	bb
3	200706P1-21	Standard	1.000	5.63	1553.115	18480.219	1.051	0.9	-6.3	NO	1.000	NO	bb
4	200706P1-22	Standard	2.000	5.63	3505.071	19143.811	2.289	2.1	3.1	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	5.63	9315.438	20906.857	5.570	5.0	1.0	NO	1.000	NO	bb
6	200706P1-24	Standard	10.000	5.63	15562.638	19766.689	9.841	8.9	-10.6	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	5.63	84420.508	19028.625	55.456	51.1	2.1	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	5.63	167107.594	18950.932	110.224	103.0	3.0	NO	1.000	NO	bb
9	200706P1-27	Standard	250.000	5.63	374620.313	18632.748	251.318	244.7	-2.1	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	5.63	640302.250	16795.816	476.534	502.2	0.4	NO	1.000	NO	bb

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Compound name: PFDS
Coefficient of Determination: R^2 = 0.999869
Calibration curve: -0.000337564 * x^2 + 1.29291 * x + -0.129711
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	5.67	32.038	2884.344	0.139	0.2	-16.9	NO	1.000	NO	bb
2	200706P1-20	Standard	0.500	5.67	121.310	2845.779	0.533	0.5	2.5	NO	1.000	NO	bb
3	200706P1-21	Standard	1.000	5.67	326.817	3008.333	1.358	1.2	15.1	NO	1.000	NO	bb
4	200706P1-22	Standard	2.000	5.67	587.988	2875.965	2.556	2.1	3.9	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	5.67	1529.713	3118.928	6.131	4.8	-3.0	NO	1.000	NO	bb
6	200706P1-24	Standard	10.000	5.67	2892.042	2818.869	12.824	10.0	0.5	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	5.67	14611.049	2950.445	61.902	48.6	-2.8	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	5.67	28054.248	2787.149	125.820	100.0	0.0	NO	1.000	NO	bb
9	200706P1-27	Standard	250.000	5.67	64957.836	2663.154	304.891	252.6	1.0	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	5.67	115615.516	2577.664	560.660	498.7	-0.3	NO	1.000	NO	bb

Compound name: 11Cl-PF30UdS
Correlation coefficient: r = 0.999153, r^2 = 0.998308
Calibration curve: 0.257476 * x + 0.00892294
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	5.83	118.626	22810.775	0.065	0.2	-12.9	NO	0.998	NO	bb
2	200706P1-20	Standard	0.500	5.83	272.501	25244.645	0.135	0.5	-2.1	NO	0.998	NO	bb
3	200706P1-21	Standard	1.000	5.83	462.737	24211.764	0.239	0.9	-10.7	NO	0.998	NO	bb
4	200706P1-22	Standard	2.000	5.83	1046.674	24340.117	0.538	2.1	2.7	NO	0.998	NO	bb
5	200706P1-23	Standard	5.000	5.83	2744.988	25408.879	1.350	5.2	4.2	NO	0.998	NO	bb
6	200706P1-24	Standard	10.000	5.83	5078.613	23356.371	2.718	10.5	5.2	NO	0.998	NO	bb
7	200706P1-25	Standard	50.000	5.83	26426.852	23355.100	14.144	54.9	9.8	NO	0.998	NO	bb
8	200706P1-26	Standard	100.000	5.83	51772.281	24096.184	26.857	104.3	4.3	NO	0.998	NO	bb
9	200706P1-27	Standard	250.000	5.83	118299.969	22303.783	66.300	257.5	3.0	NO	0.998	NO	bb
10	200706P1-28	Standard	500.000	5.83	212004.250	21320.014	124.299	482.7	-3.5	NO	0.998	NO	bb

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Compound name: 10:2 FTS
Correlation coefficient: r = 0.998475, r^2 = 0.996952
Calibration curve: 1.81347 * x + 0.168501
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	5.90	73.153	1299.524	0.704	0.3	18.0	NO	0.997	NO	bb
2	200706P1-20	Standard	0.500	5.90	106.562	1409.232	0.945	0.4	-14.3	NO	0.997	NO	bb
3	200706P1-21	Standard	1.000	5.89	216.690	1381.627	1.960	1.0	-1.2	NO	0.997	NO	bb
4	200706P1-22	Standard	2.000	5.89	381.125	1355.605	3.514	1.8	-7.8	NO	0.997	NO	bb
5	200706P1-23	Standard	5.000	5.90	1091.328	1274.760	10.701	5.8	16.2	NO	0.997	NO	bb
6	200706P1-24	Standard	10.000	5.89	2124.764	1357.960	19.558	10.7	6.9	NO	0.997	NO	bb
7	200706P1-25	Standard	50.000	5.90	10322.251	1263.989	102.080	56.2	12.4	NO	0.997	NO	bb
8	200706P1-26	Standard	100.000	5.89	18470.209	1154.229	200.028	110.2	10.2	NO	0.997	NO	bb
9	200706P1-27	Standard	250.000	5.89	40601.520	1113.270	455.881	251.3	0.5	NO	0.997	NO	bb
10	200706P1-28	Standard	500.000	5.89	66252.156	949.242	872.435	481.0	-3.8	NO	0.997	NO	bb

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.999844
Calibration curve: -0.000264449 * x^2 + 0.982944 * x + 0.00539633
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	5.90	505.708	22810.775	0.277	0.3	10.6	NO	1.000	NO	db
2	200706P1-20	Standard	0.500	5.90	1033.096	25244.645	0.512	0.5	3.0	NO	1.000	NO	db
3	200706P1-21	Standard	1.000	5.90	1840.692	24211.764	0.950	1.0	-3.8	NO	1.000	NO	MM
4	200706P1-22	Standard	2.000	5.90	3658.658	24340.117	1.879	1.9	-4.6	NO	1.000	NO	MM
5	200706P1-23	Standard	5.000	5.90	9857.521	25408.879	4.849	4.9	-1.3	NO	1.000	NO	MM
6	200706P1-24	Standard	10.000	5.90	17716.777	23356.371	9.482	9.7	-3.3	NO	1.000	NO	MM
7	200706P1-25	Standard	50.000	5.90	93610.125	23355.100	50.102	51.7	3.4	NO	1.000	NO	MM
8	200706P1-26	Standard	100.000	5.90	180757.547	24096.184	93.769	98.0	-2.0	NO	1.000	NO	bb
9	200706P1-27	Standard	250.000	5.90	410882.656	22303.783	230.276	251.3	0.5	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	5.90	724978.313	21320.014	425.057	499.6	-0.1	NO	1.000	NO	bb

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Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999940
Calibration curve: -7.96999e-005 * x^2 + 1.12175 * x + 0.0605427
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	1.250	5.81	171.562	20355.828	1.257	1.1	-14.6	NO	1.000	NO	bb
2	200706P1-20	Standard	2.500	5.81	429.880	20279.811	3.163	2.8	10.6	NO	1.000	NO	bb
3	200706P1-21	Standard	5.000	5.82	799.827	20965.770	5.692	5.0	0.4	NO	1.000	NO	bb
4	200706P1-22	Standard	10.000	5.82	1629.668	20813.816	11.682	10.4	3.7	NO	1.000	NO	bb
5	200706P1-23	Standard	25.000	5.82	4178.511	21672.008	28.767	25.6	2.5	NO	1.000	NO	bb
6	200706P1-24	Standard	50.000	5.82	7871.369	20647.168	56.880	50.8	1.7	NO	1.000	NO	bb
7	200706P1-25	Standard	250.000	5.82	39017.539	21174.100	274.931	249.5	-0.2	NO	1.000	NO	bb
8	200706P1-26	Standard	500.000	5.82	74542.289	20387.346	545.520	504.3	0.9	NO	1.000	NO	bb
9	200706P1-27	Standard	1250.000	5.81	159620.969	18792.607	1267.278	1238.7	-0.9	NO	1.000	NO	bb
10	200706P1-28	Standard	2500.000	5.81	275508.969	17789.584	2310.675	2506.0	0.2	NO	1.000	NO	bb

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.999936
Calibration curve: -0.000414303 * x^2 + 1.04415 * x + 0.00171537
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	6.14	468.496	22810.775	0.257	0.2	-2.3	NO	1.000	NO	bb
2	200706P1-20	Standard	0.500	6.14	1152.923	25244.645	0.571	0.5	9.0	NO	1.000	NO	bb
3	200706P1-21	Standard	1.000	6.14	1977.301	24211.764	1.021	1.0	-2.4	NO	1.000	NO	bb
4	200706P1-22	Standard	2.000	6.14	3935.513	24340.117	2.021	1.9	-3.2	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	6.14	10632.552	25408.879	5.231	5.0	0.4	NO	1.000	NO	bb
6	200706P1-24	Standard	10.000	6.14	19007.156	23356.371	10.172	9.8	-2.2	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	6.14	97115.727	23355.100	51.978	50.8	1.6	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	6.14	190868.766	24096.184	99.014	98.7	-1.3	NO	1.000	NO	bb
9	200706P1-27	Standard	250.000	6.14	421501.438	22303.783	236.228	251.3	0.5	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	6.14	713175.125	21320.014	418.137	499.4	-0.1	NO	1.000	NO	bb

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Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999610
Calibration curve: -4.68396e-005 * x^2 + 0.17052 * x + -0.00392295
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	6.16	79.862	23296.811	0.043	0.3	9.7	NO	1.000	NO	bb
2	200706P1-20	Standard	0.500	6.16	176.105	25347.914	0.087	0.5	6.5	NO	1.000	NO	bb
3	200706P1-21	Standard	1.000	6.16	283.332	24321.422	0.146	0.9	-12.3	NO	1.000	NO	bb
4	200706P1-22	Standard	2.000	6.16	567.318	23906.566	0.297	1.8	-11.8	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	6.16	1829.969	25577.697	0.894	5.3	5.5	NO	1.000	NO	bb
6	200706P1-24	Standard	10.000	6.16	3312.936	23822.789	1.738	10.2	2.5	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	6.16	16284.360	24780.746	8.214	48.9	-2.3	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	6.16	32384.986	23560.986	17.181	103.7	3.7	NO	1.000	NO	bb
9	200706P1-27	Standard	250.000	6.16	72912.734	23364.986	39.007	245.3	-1.9	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	6.16	128623.484	21788.924	73.789	502.0	0.4	NO	1.000	NO	bb

Compound name: PFTeDA
Correlation coefficient: r = 0.999411, r^2 = 0.998822
Calibration curve: 0.656798 * x + 0.0803604
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	6.34	414.867	23296.811	0.223	0.2	-13.4	NO	0.999	NO	MM
2	200706P1-20	Standard	0.500	6.34	773.273	25347.914	0.381	0.5	-8.4	NO	0.999	NO	MM
3	200706P1-21	Standard	1.000	6.34	1385.224	24321.422	0.712	1.0	-3.8	NO	0.999	NO	bb
4	200706P1-22	Standard	2.000	6.34	2799.478	23906.566	1.464	2.1	5.3	NO	0.999	NO	MM
5	200706P1-23	Standard	5.000	6.34	7070.250	25577.697	3.455	5.1	2.8	NO	0.999	NO	bb
6	200706P1-24	Standard	10.000	6.34	13621.163	23822.789	7.147	10.8	7.6	NO	0.999	NO	bb
7	200706P1-25	Standard	50.000	6.34	68093.477	24780.746	34.348	52.2	4.3	NO	0.999	NO	bb
8	200706P1-26	Standard	100.000	6.34	132185.453	23560.986	70.129	106.7	6.7	NO	0.999	NO	bb
9	200706P1-27	Standard	250.000	6.33	312192.125	23364.986	167.019	254.2	1.7	NO	0.999	NO	bb
10	200706P1-28	Standard	500.000	6.33	556678.000	21788.924	319.358	486.1	-2.8	NO	0.999	NO	bb

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Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999747
Calibration curve: -6.96201e-005 * x^2 + 1.16259 * x + -0.107454
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	1.250	6.19	187.912	23217.701	1.208	1.1	-9.5	NO	1.000	NO	bb
2	200706P1-20	Standard	2.500	6.19	457.506	23650.156	2.886	2.6	3.0	NO	1.000	NO	bb
3	200706P1-21	Standard	5.000	6.19	938.745	23147.498	6.051	5.3	6.0	NO	1.000	NO	bb
4	200706P1-22	Standard	10.000	6.19	1790.665	23462.338	11.387	9.9	-1.1	NO	1.000	NO	bb
5	200706P1-23	Standard	25.000	6.19	4815.911	24914.057	28.841	24.9	-0.3	NO	1.000	NO	bb
6	200706P1-24	Standard	50.000	6.19	8962.970	23161.109	57.738	49.9	-0.2	NO	1.000	NO	bb
7	200706P1-25	Standard	250.000	6.19	45685.664	23538.484	289.581	253.0	1.2	NO	1.000	NO	bb
8	200706P1-26	Standard	500.000	6.19	86995.922	22448.846	578.194	513.2	2.6	NO	1.000	NO	bb
9	200706P1-27	Standard	1250.000	6.19	189637.125	21512.914	1315.203	1220.6	-2.4	NO	1.000	NO	bb
10	200706P1-28	Standard	2500.000	6.19	324338.656	19492.205	2482.599	2514.0	0.6	NO	1.000	NO	bb

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999789
Calibration curve: -0.000190466 * x^2 + 1.03254 * x + 0.163583
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	6.63	799.401	25406.275	0.393	0.2	-11.0	NO	1.000	NO	bb
2	200706P1-20	Standard	0.500	6.63	1483.510	27130.332	0.684	0.5	0.7	NO	1.000	NO	bb
3	200706P1-21	Standard	1.000	6.63	2491.544	26103.717	1.193	1.0	-0.3	NO	1.000	NO	bb
4	200706P1-22	Standard	2.000	6.63	4777.866	26556.000	2.249	2.0	1.0	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	6.63	12350.689	27161.623	5.684	5.4	7.0	NO	1.000	NO	bb
6	200706P1-24	Standard	10.000	6.63	22227.100	26370.029	10.536	10.1	0.6	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	6.63	109164.680	26053.225	52.376	51.0	2.1	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	6.63	217865.219	26467.854	102.891	101.4	1.4	NO	1.000	NO	bb
9	200706P1-27	Standard	250.000	6.63	492183.344	25481.225	241.444	244.7	-2.1	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	6.63	902398.125	23953.805	470.905	502.5	0.5	NO	1.000	NO	bb

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Compound name: PFODA
Coefficient of Determination: R^2 = 0.999877
Calibration curve: -8.33174e-005 * x^2 + 0.828517 * x + 0.0120589
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	0.250	6.85	450.793	25406.275	0.222	0.3	1.3	NO	1.000	NO	bb
2	200706P1-20	Standard	0.500	6.84	896.249	27130.332	0.413	0.5	-3.2	NO	1.000	NO	bb
3	200706P1-21	Standard	1.000	6.84	1791.579	26103.717	0.858	1.0	2.1	NO	1.000	NO	bb
4	200706P1-22	Standard	2.000	6.84	3588.470	26556.000	1.689	2.0	1.2	NO	1.000	NO	bb
5	200706P1-23	Standard	5.000	6.84	9227.053	27161.623	4.246	5.1	2.3	NO	1.000	NO	bb
6	200706P1-24	Standard	10.000	6.84	17499.887	26370.029	8.295	10.0	0.1	NO	1.000	NO	bb
7	200706P1-25	Standard	50.000	6.85	89170.227	26053.225	42.783	51.9	3.8	NO	1.000	NO	bb
8	200706P1-26	Standard	100.000	6.84	171890.313	26467.854	81.179	99.0	-1.0	NO	1.000	NO	bb
9	200706P1-27	Standard	250.000	6.84	408207.031	25481.225	200.249	247.9	-0.9	NO	1.000	NO	bb
10	200706P1-28	Standard	500.000	6.84	755594.000	23953.805	394.297	501.1	0.2	NO	1.000	NO	bb

Compound name: N-MeFOSE
Correlation coefficient: r = 0.999753, r^2 = 0.999506
Calibration curve: 1.10054 * x + 0.364944
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	1.250	6.34	195.169	20481.053	1.422	1.0	-23.2	NO	1.000	NO	MM
2	200706P1-20	Standard	2.500	6.34	439.277	20843.604	3.144	2.5	1.0	NO	1.000	NO	bb
3	200706P1-21	Standard	5.000	6.34	818.329	20414.760	5.981	5.1	2.1	NO	1.000	NO	bb
4	200706P1-22	Standard	10.000	6.34	1592.070	20055.193	11.844	10.4	4.3	NO	1.000	NO	MM
5	200706P1-23	Standard	25.000	6.34	4282.778	22627.299	28.240	25.3	1.3	NO	1.000	NO	bb
6	200706P1-24	Standard	50.000	6.34	7981.183	20102.832	59.235	53.5	7.0	NO	1.000	NO	bb
7	200706P1-25	Standard	250.000	6.35	40518.207	20711.023	291.889	264.9	6.0	NO	1.000	NO	bb
8	200706P1-26	Standard	500.000	6.34	79844.242	20885.109	570.395	518.0	3.6	NO	1.000	NO	bb
9	200706P1-27	Standard	1250.000	6.34	188797.938	20707.771	1360.294	1235.7	-1.1	NO	1.000	NO	bb
10	200706P1-28	Standard	2500.000	6.34	353058.344	19318.008	2726.798	2477.4	-0.9	NO	1.000	NO	bb

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Compound name: N-EtFOSE
Correlation coefficient: r = 0.999137, r^2 = 0.998274
Calibration curve: 1.00495 * x + 0.335204
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

1	200706P1-19	Standard	1.250	6.49	207.125	22385.490	1.380	1.0	-16.8	NO	0.998	NO	bb
2	200706P1-20	Standard	2.500	6.49	430.853	22515.381	2.855	2.5	0.3	NO	0.998	NO	bb
3	200706P1-21	Standard	5.000	6.49	806.541	22580.791	5.329	5.0	-0.6	NO	0.998	NO	bb
4	200706P1-22	Standard	10.000	6.49	1687.779	21905.441	11.496	11.1	11.1	NO	0.998	NO	bb
5	200706P1-23	Standard	25.000	6.49	4436.875	23437.969	28.244	27.8	11.1	NO	0.998	NO	bb
6	200706P1-24	Standard	50.000	6.49	8060.291	22186.262	54.205	53.6	7.2	NO	0.998	NO	bb
7	200706P1-25	Standard	250.000	6.49	41995.930	22694.074	276.098	274.4	9.8	NO	0.998	NO	bb
8	200706P1-26	Standard	500.000	6.49	84331.070	23318.145	539.588	536.6	7.3	NO	0.998	NO	bb
9	200706P1-27	Standard	1250.000	6.49	196343.016	23270.990	1258.837	1252.3	0.2	NO	0.998	NO	bb
10	200706P1-28	Standard	2500.000	6.49	382750.500	23386.736	2441.827	2429.5	-2.8	NO	0.998	NO	bb

Compound name: 13C3-PFBA-EIS
Response Factor: 689.63
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	1.63	8928.727		8928.727	12.9	3.6	NO		NO	MMX
2	200706P1-20	Standard	12.500	1.62	8907.738		8907.738	12.9	3.3	NO		NO	MMX
3	200706P1-21	Standard	12.500	1.62	8876.085		8876.085	12.9	3.0	NO		NO	MMX
4	200706P1-22	Standard	12.500	1.62	8766.956		8766.956	12.7	1.7	NO		NO	MMX
5	200706P1-23	Standard	12.500	1.62	9407.555		9407.555	13.6	9.1	NO		NO	MMX
6	200706P1-24	Standard	12.500	1.62	8620.372		8620.372	12.5	0.0	NO		NO	MM
7	200706P1-25	Standard	12.500	1.62	8816.157		8816.157	12.8	2.3	NO		NO	MMX
8	200706P1-26	Standard	12.500	1.62	9290.569		9290.569	13.5	7.8	NO		NO	MMX
9	200706P1-27	Standard	12.500	1.62	9147.883		9147.883	13.3	6.1	NO		NO	MMX
10	200706P1-28	Standard	12.500	1.62	9375.081		9375.081	13.6	8.8	NO		NO	MMX

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Compound name: 13C3-PFBA-RSD
Response Factor: 0.854301
RRF SD: 0.0333349, Relative SD: 3.90201
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	1.63	9004.832	9571.630	11.760	13.8	10.1	NO	NO	MM
2	200706P1-20	Standard	12.500	1.62	8792.936	10495.767	10.472	12.3	-1.9	NO	NO	MM
3	200706P1-21	Standard	12.500	1.62	8849.034	10322.609	10.716	12.5	0.3	NO	NO	MM
4	200706P1-22	Standard	12.500	1.62	8712.763	10427.793	10.444	12.2	-2.2	NO	NO	MM
5	200706P1-23	Standard	12.500	1.62	9389.854	10992.993	10.677	12.5	-0.0	NO	NO	MM
6	200706P1-24	Standard	12.500	1.62	8525.373	10121.277	10.529	12.3	-1.4	NO	NO	MM
7	200706P1-25	Standard	12.500	1.62	8712.147	10409.653	10.462	12.2	-2.0	NO	NO	MM
8	200706P1-26	Standard	12.500	1.62	9265.158	10665.174	10.859	12.7	1.7	NO	NO	MM
9	200706P1-27	Standard	12.500	1.62	8912.315	10876.274	10.243	12.0	-4.1	NO	NO	MM
10	200706P1-28	Standard	12.500	1.62	9235.906	10864.321	10.626	12.4	-0.5	NO	NO	MM

Compound name: 13C3-PFPeA-EIS
Response Factor: 961.609
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	2.60	12471.803	12471.803	13.0	3.8	NO	NO	MMX
2	200706P1-20	Standard	12.500	2.60	12358.682	12358.682	12.9	2.8	NO	NO	MMX
3	200706P1-21	Standard	12.500	2.59	12332.146	12332.146	12.8	2.6	NO	NO	MMX
4	200706P1-22	Standard	12.500	2.59	12447.334	12447.334	12.9	3.6	NO	NO	MMX
5	200706P1-23	Standard	12.500	2.60	13036.096	13036.096	13.6	8.5	NO	NO	MMX
6	200706P1-24	Standard	12.500	2.59	12020.107	12020.107	12.5	0.0	NO	NO	MM
7	200706P1-25	Standard	12.500	2.59	12771.221	12771.221	13.3	6.2	NO	NO	MMX
8	200706P1-26	Standard	12.500	2.59	13078.910	13078.910	13.6	8.8	NO	NO	MMX
9	200706P1-27	Standard	12.500	2.59	12597.564	12597.564	13.1	4.8	NO	NO	MMX
10	200706P1-28	Standard	12.500	2.59	11987.368	11987.368	12.5	-0.3	NO	NO	MMX

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Compound name: 13C3-PFPeA-RSD
Response Factor: 0.751613
RRF SD: 0.0255308, Relative SD: 3.39681
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	2.60	12294.415	15792.443	9.731	12.9	3.6	NO	NO	bb
2	200706P1-20	Standard	12.500	2.60	12221.346	16933.953	9.021	12.0	-4.0	NO	NO	bb
3	200706P1-21	Standard	12.500	2.59	12213.532	16418.008	9.299	12.4	-1.0	NO	NO	bb
4	200706P1-22	Standard	12.500	2.59	12291.335	16457.064	9.336	12.4	-0.6	NO	NO	bb
5	200706P1-23	Standard	12.500	2.60	12950.499	18353.051	8.820	11.7	-6.1	NO	NO	bb
6	200706P1-24	Standard	12.500	2.59	11947.754	15564.020	9.596	12.8	2.1	NO	NO	bb
7	200706P1-25	Standard	12.500	2.59	12611.794	17166.877	9.183	12.2	-2.3	NO	NO	bb
8	200706P1-26	Standard	12.500	2.59	12776.837	16410.266	9.732	12.9	3.6	NO	NO	bb
9	200706P1-27	Standard	12.500	2.59	12498.843	16063.282	9.726	12.9	3.5	NO	NO	bb
10	200706P1-28	Standard	12.500	2.59	11893.112	15638.367	9.506	12.6	1.2	NO	NO	bb

Compound name: 13C3-PFBS-EIS
Response Factor: 104.004
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	2.87	1430.774	1430.774	13.8	10.1	NO	NO	bbX
2	200706P1-20	Standard	12.500	2.87	1426.593	1426.593	13.7	9.7	NO	NO	bbX
3	200706P1-21	Standard	12.500	2.87	1288.172	1288.172	12.4	-0.9	NO	NO	bbX
4	200706P1-22	Standard	12.500	2.87	1362.586	1362.586	13.1	4.8	NO	NO	bbX
5	200706P1-23	Standard	12.500	2.87	1453.176	1453.176	14.0	11.8	NO	NO	bbX
6	200706P1-24	Standard	12.500	2.87	1300.054	1300.054	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	2.87	1359.451	1359.451	13.1	4.6	NO	NO	bbX
8	200706P1-26	Standard	12.500	2.87	1462.386	1462.386	14.1	12.5	NO	NO	bbX
9	200706P1-27	Standard	12.500	2.87	1358.583	1358.583	13.1	4.5	NO	NO	bbX
10	200706P1-28	Standard	12.500	2.87	1281.324	1281.324	12.3	-1.4	NO	NO	bbX

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Compound name: 13C3-PFBS-RSD
Response Factor: 1.22602
RRF SD: 0.060142, Relative SD: 4.90549
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	2.87	1430.774	1112.618	16.074	13.1	4.9	NO	NO	bb
2	200706P1-20	Standard	12.500	2.87	1426.593	1135.557	15.704	12.8	2.5	NO	NO	bb
3	200706P1-21	Standard	12.500	2.87	1288.172	1029.912	15.634	12.8	2.0	NO	NO	bb
4	200706P1-22	Standard	12.500	2.87	1362.586	1172.076	14.532	11.9	-5.2	NO	NO	bb
5	200706P1-23	Standard	12.500	2.87	1453.176	1315.580	13.807	11.3	-9.9	NO	NO	bb
6	200706P1-24	Standard	12.500	2.87	1300.054	1066.013	15.244	12.4	-0.5	NO	NO	bb
7	200706P1-25	Standard	12.500	2.87	1359.451	1118.342	15.195	12.4	-0.8	NO	NO	bb
8	200706P1-26	Standard	12.500	2.87	1462.386	1109.793	16.471	13.4	7.5	NO	NO	bb
9	200706P1-27	Standard	12.500	2.87	1358.583	1116.404	15.212	12.4	-0.7	NO	NO	bb
10	200706P1-28	Standard	12.500	2.87	1281.324	1041.527	15.378	12.5	0.3	NO	NO	bb

Compound name: 13C3-HFPO-DA-EIS
Response Factor: 228.261
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	3.59	2996.421	2996.421	13.1	5.0	NO	NO	bbX
2	200706P1-20	Standard	12.500	3.59	3291.715	3291.715	14.4	15.4	NO	NO	bbX
3	200706P1-21	Standard	12.500	3.59	3299.751	3299.751	14.5	15.6	NO	NO	bbX
4	200706P1-22	Standard	12.500	3.59	2848.392	2848.392	12.5	-0.2	NO	NO	bbX
5	200706P1-23	Standard	12.500	3.59	3231.837	3231.837	14.2	13.3	NO	NO	bbX
6	200706P1-24	Standard	12.500	3.59	2853.265	2853.265	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	3.59	3226.841	3226.841	14.1	13.1	NO	NO	bbX
8	200706P1-26	Standard	12.500	3.59	3134.820	3134.820	13.7	9.9	NO	NO	bbX
9	200706P1-27	Standard	12.500	3.59	3186.079	3186.079	14.0	11.7	NO	NO	bbX
10	200706P1-28	Standard	12.500	3.59	3076.034	3076.034	13.5	7.8	NO	NO	bbX

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Compound name: 13C3-HFPO-DA-RSD
Response Factor: 0.189164
RRF SD: 0.00929102, Relative SD: 4.91161
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	3.59	2996.421	15792.443	2.372	12.5	0.3	NO	NO	bb
2	200706P1-20	Standard	12.500	3.59	3291.715	16933.953	2.430	12.8	2.8	NO	NO	bb
3	200706P1-21	Standard	12.500	3.59	3299.751	16418.008	2.512	13.3	6.2	NO	NO	bb
4	200706P1-22	Standard	12.500	3.59	2848.392	16457.064	2.164	11.4	-8.5	NO	NO	bb
5	200706P1-23	Standard	12.500	3.59	3231.837	18353.051	2.201	11.6	-6.9	NO	NO	bb
6	200706P1-24	Standard	12.500	3.59	2853.265	15564.020	2.292	12.1	-3.1	NO	NO	bb
7	200706P1-25	Standard	12.500	3.59	3226.841	17166.877	2.350	12.4	-0.6	NO	NO	bb
8	200706P1-26	Standard	12.500	3.59	3134.820	16410.266	2.388	12.6	1.0	NO	NO	bb
9	200706P1-27	Standard	12.500	3.59	3186.079	16063.282	2.479	13.1	4.9	NO	NO	bb
10	200706P1-28	Standard	12.500	3.59	3076.034	15638.367	2.459	13.0	4.0	NO	NO	bb

Compound name: 13C2-4:2 FTS-EIS
Response Factor: 100.904
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	3.31	1271.797	1271.797	12.6	0.8	NO	NO	bbX
2	200706P1-20	Standard	12.500	3.31	1275.190	1275.190	12.6	1.1	NO	NO	bbX
3	200706P1-21	Standard	12.500	3.31	1294.699	1294.699	12.8	2.6	NO	NO	bbX
4	200706P1-22	Standard	12.500	3.31	1286.646	1286.646	12.8	2.0	NO	NO	bbX
5	200706P1-23	Standard	12.500	3.31	1387.692	1387.692	13.8	10.0	NO	NO	bbX
6	200706P1-24	Standard	12.500	3.31	1261.296	1261.296	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	3.31	1305.578	1305.578	12.9	3.5	NO	NO	bbX
8	200706P1-26	Standard	12.500	3.30	1218.574	1218.574	12.1	-3.4	NO	NO	bbX
9	200706P1-27	Standard	12.500	3.30	1180.548	1180.548	11.7	-6.4	NO	NO	bbX
10	200706P1-28	Standard	12.500	3.30	1181.993	1181.993	11.7	-6.3	NO	NO	bbX

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Compound name: 13C2-4:2 FTS-RSD
Response Factor: 1.13166
RRF SD: 0.0610809, Relative SD: 5.39744
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	3.31	1271.797	1112.618	14.288	12.6	1.0	NO	NO	bb
2	200706P1-20	Standard	12.500	3.31	1275.190	1135.557	14.037	12.4	-0.8	NO	NO	bb
3	200706P1-21	Standard	12.500	3.31	1294.699	1029.912	15.714	13.9	11.1	NO	NO	bb
4	200706P1-22	Standard	12.500	3.31	1286.646	1172.076	13.722	12.1	-3.0	NO	NO	bb
5	200706P1-23	Standard	12.500	3.31	1387.692	1315.580	13.185	11.7	-6.8	NO	NO	bb
6	200706P1-24	Standard	12.500	3.31	1261.296	1066.013	14.790	13.1	4.6	NO	NO	bb
7	200706P1-25	Standard	12.500	3.31	1305.578	1118.342	14.593	12.9	3.2	NO	NO	bb
8	200706P1-26	Standard	12.500	3.30	1218.574	1109.793	13.725	12.1	-3.0	NO	NO	bb
9	200706P1-27	Standard	12.500	3.30	1180.548	1116.404	13.218	11.7	-6.6	NO	NO	bb
10	200706P1-28	Standard	12.500	3.30	1181.993	1041.527	14.186	12.5	0.3	NO	NO	bb

Compound name: 13C2-PFHxA-EIS
Response Factor: 1090.35
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	3.38	14936.540		14936.540	13.7	9.6	NO	NO	bbX
2	200706P1-20	Standard	12.500	3.39	14827.862		14827.862	13.6	8.8	NO	NO	bbX
3	200706P1-21	Standard	12.500	3.39	14195.111		14195.111	13.0	4.2	NO	NO	bbX
4	200706P1-22	Standard	12.500	3.39	14182.590		14182.590	13.0	4.1	NO	NO	bbX
5	200706P1-23	Standard	12.500	3.39	15680.674		15680.674	14.4	15.1	NO	NO	bbX
6	200706P1-24	Standard	12.500	3.39	13629.407		13629.407	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	3.39	14633.210		14633.210	13.4	7.4	NO	NO	bbX
8	200706P1-26	Standard	12.500	3.39	14554.702		14554.702	13.3	6.8	NO	NO	bbX
9	200706P1-27	Standard	12.500	3.39	14243.385		14243.385	13.1	4.5	NO	NO	bbX
10	200706P1-28	Standard	12.500	3.39	13865.558		13865.558	12.7	1.7	NO	NO	bbX

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Compound name: 13C2-PFHxA-RSD
Response Factor: 0.87906
RRF SD: 0.0268355, Relative SD: 3.05275
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	3.38	14936.540	15792.443	11.823	13.4	7.6	NO	NO	bb
2	200706P1-20	Standard	12.500	3.39	14827.862	16933.953	10.945	12.5	-0.4	NO	NO	bb
3	200706P1-21	Standard	12.500	3.39	14195.111	16418.008	10.808	12.3	-1.6	NO	NO	bb
4	200706P1-22	Standard	12.500	3.39	14182.590	16457.064	10.772	12.3	-2.0	NO	NO	bb
5	200706P1-23	Standard	12.500	3.39	15680.674	18353.051	10.680	12.1	-2.8	NO	NO	bb
6	200706P1-24	Standard	12.500	3.39	13629.407	15564.020	10.946	12.5	-0.4	NO	NO	bb
7	200706P1-25	Standard	12.500	3.39	14633.210	17166.877	10.655	12.1	-3.0	NO	NO	bb
8	200706P1-26	Standard	12.500	3.39	14554.702	16410.266	11.087	12.6	0.9	NO	NO	bb
9	200706P1-27	Standard	12.500	3.39	14243.385	16063.282	11.084	12.6	0.9	NO	NO	bb
10	200706P1-28	Standard	12.500	3.39	13865.558	15638.367	11.083	12.6	0.9	NO	NO	bb

Compound name: 13C4-PFHpA-EIS
Response Factor: 983.154
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	3.98	12966.955	12966.955	13.2	5.5	NO	NO	bbX
2	200706P1-20	Standard	12.500	3.98	12233.538	12233.538	12.4	-0.5	NO	NO	bbX
3	200706P1-21	Standard	12.500	3.98	12536.285	12536.285	12.8	2.0	NO	NO	bbX
4	200706P1-22	Standard	12.500	3.98	12763.619	12763.619	13.0	3.9	NO	NO	bbX
5	200706P1-23	Standard	12.500	3.98	12970.818	12970.818	13.2	5.5	NO	NO	bbX
6	200706P1-24	Standard	12.500	3.98	12289.430	12289.430	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	3.98	12769.633	12769.633	13.0	3.9	NO	NO	bbX
8	200706P1-26	Standard	12.500	3.98	12943.463	12943.463	13.2	5.3	NO	NO	bbX
9	200706P1-27	Standard	12.500	3.98	11840.771	11840.771	12.0	-3.7	NO	NO	bbX
10	200706P1-28	Standard	12.500	3.98	11650.135	11650.135	11.8	-5.2	NO	NO	bbX

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Compound name: 13C4-PFHpA-RSD
Response Factor: 0.75937
RRF SD: 0.03487, Relative SD: 4.59197
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	3.98	12966.955	15792.443	10.264	13.5	8.1	NO	NO	bb
2	200706P1-20	Standard	12.500	3.98	12233.538	16933.953	9.030	11.9	-4.9	NO	NO	bb
3	200706P1-21	Standard	12.500	3.98	12536.285	16418.008	9.545	12.6	0.6	NO	NO	bb
4	200706P1-22	Standard	12.500	3.98	12763.619	16457.064	9.695	12.8	2.1	NO	NO	bb
5	200706P1-23	Standard	12.500	3.98	12970.818	18353.051	8.834	11.6	-6.9	NO	NO	bb
6	200706P1-24	Standard	12.500	3.98	12289.430	15564.020	9.870	13.0	4.0	NO	NO	bb
7	200706P1-25	Standard	12.500	3.98	12769.633	17166.877	9.298	12.2	-2.0	NO	NO	bb
8	200706P1-26	Standard	12.500	3.98	12943.463	16410.266	9.859	13.0	3.9	NO	NO	bb
9	200706P1-27	Standard	12.500	3.98	11840.771	16063.282	9.214	12.1	-2.9	NO	NO	bb
10	200706P1-28	Standard	12.500	3.98	11650.135	15638.367	9.312	12.3	-1.9	NO	NO	bb

Compound name: 13C3-PFHxS-EIS
Response Factor: 220.112
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	4.13	2847.260	2847.260	12.9	3.5	NO	NO	bbX
2	200706P1-20	Standard	12.500	4.13	2779.479	2779.479	12.6	1.0	NO	NO	bbX
3	200706P1-21	Standard	12.500	4.13	2651.918	2651.918	12.0	-3.6	NO	NO	bbX
4	200706P1-22	Standard	12.500	4.13	2816.980	2816.980	12.8	2.4	NO	NO	bbX
5	200706P1-23	Standard	12.500	4.13	3217.580	3217.580	14.6	16.9	NO	NO	bbX
6	200706P1-24	Standard	12.500	4.13	2751.402	2751.402	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	4.13	2742.332	2742.332	12.5	-0.3	NO	NO	bbX
8	200706P1-26	Standard	12.500	4.13	2706.095	2706.095	12.3	-1.6	NO	NO	bbX
9	200706P1-27	Standard	12.500	4.13	2614.377	2614.377	11.9	-5.0	NO	NO	bbX
10	200706P1-28	Standard	12.500	4.13	2482.339	2482.339	11.3	-9.8	NO	NO	bbX

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Compound name: 13C3-PFHxS-RSD
Response Factor: 2.46275
RRF SD: 0.0826774, Relative SD: 3.35712
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	4.13	2847.260	1112.618	31.988	13.0	3.9	NO	NO	bb
2	200706P1-20	Standard	12.500	4.13	2779.479	1135.557	30.596	12.4	-0.6	NO	NO	bb
3	200706P1-21	Standard	12.500	4.13	2651.918	1029.912	32.186	13.1	4.6	NO	NO	bb
4	200706P1-22	Standard	12.500	4.13	2816.980	1172.076	30.043	12.2	-2.4	NO	NO	bb
5	200706P1-23	Standard	12.500	4.13	3217.580	1315.580	30.572	12.4	-0.7	NO	NO	bb
6	200706P1-24	Standard	12.500	4.13	2751.402	1066.013	32.263	13.1	4.8	NO	NO	bb
7	200706P1-25	Standard	12.500	4.13	2742.332	1118.342	30.652	12.4	-0.4	NO	NO	bb
8	200706P1-26	Standard	12.500	4.13	2706.095	1109.793	30.480	12.4	-1.0	NO	NO	bb
9	200706P1-27	Standard	12.500	4.13	2614.377	1116.404	29.272	11.9	-4.9	NO	NO	bb
10	200706P1-28	Standard	12.500	4.13	2482.339	1041.527	29.792	12.1	-3.2	NO	NO	bb

Compound name: 13C2-6:2 FTS-EIS
Response Factor: 128.741
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	4.45	1614.767	1614.767	12.5	0.3	NO	NO	bbX
2	200706P1-20	Standard	12.500	4.45	1610.712	1610.712	12.5	0.1	NO	NO	bbX
3	200706P1-21	Standard	12.500	4.45	1404.711	1404.711	10.9	-12.7	NO	NO	bbX
4	200706P1-22	Standard	12.500	4.45	1542.265	1542.265	12.0	-4.2	NO	NO	bbX
5	200706P1-23	Standard	12.500	4.45	1637.135	1637.135	12.7	1.7	NO	NO	bbX
6	200706P1-24	Standard	12.500	4.45	1609.265	1609.265	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	4.45	1440.831	1440.831	11.2	-10.5	NO	NO	bbX
8	200706P1-26	Standard	12.500	4.45	1590.387	1590.387	12.4	-1.2	NO	NO	bbX
9	200706P1-27	Standard	12.500	4.45	1483.970	1483.970	11.5	-7.8	NO	NO	bbX
10	200706P1-28	Standard	12.500	4.45	1478.616	1478.616	11.5	-8.1	NO	NO	bbX

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Compound name: 13C2-6:2 FTS-RSD
Response Factor: 0.472755
RRF SD: 0.0294663, Relative SD: 6.2329
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	4.45	1614.767	3112.113	6.486	13.7	9.8	NO	NO	bb
2	200706P1-20	Standard	12.500	4.45	1610.712	3516.579	5.725	12.1	-3.1	NO	NO	bb
3	200706P1-21	Standard	12.500	4.45	1404.711	3143.465	5.586	11.8	-5.5	NO	NO	bb
4	200706P1-22	Standard	12.500	4.45	1542.265	3349.641	5.755	12.2	-2.6	NO	NO	bb
5	200706P1-23	Standard	12.500	4.45	1637.135	3463.788	5.908	12.5	-0.0	NO	NO	bb
6	200706P1-24	Standard	12.500	4.45	1609.265	3222.088	6.243	13.2	5.6	NO	NO	bb
7	200706P1-25	Standard	12.500	4.45	1440.831	3410.395	5.281	11.2	-10.6	NO	NO	bb
8	200706P1-26	Standard	12.500	4.45	1590.387	3432.673	5.791	12.3	-2.0	NO	NO	bb
9	200706P1-27	Standard	12.500	4.45	1483.970	3113.743	5.957	12.6	0.8	NO	NO	bb
10	200706P1-28	Standard	12.500	4.45	1478.616	2905.585	6.361	13.5	7.6	NO	NO	bb

Compound name: 13C5-PFNA-EIS
Response Factor: 1213.14
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	4.94	14827.067	14827.067	12.2	-2.2	NO	NO	bbX
2	200706P1-20	Standard	12.500	4.94	15608.248	15608.248	12.9	2.9	NO	NO	bbX
3	200706P1-21	Standard	12.500	4.94	15269.105	15269.105	12.6	0.7	NO	NO	bbX
4	200706P1-22	Standard	12.500	4.94	14161.967	14161.967	11.7	-6.6	NO	NO	bbX
5	200706P1-23	Standard	12.500	4.94	15977.628	15977.628	13.2	5.4	NO	NO	bbX
6	200706P1-24	Standard	12.500	4.94	15164.249	15164.249	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	4.94	15860.334	15860.334	13.1	4.6	NO	NO	bbX
8	200706P1-26	Standard	12.500	4.94	15209.911	15209.911	12.5	0.3	NO	NO	bbX
9	200706P1-27	Standard	12.500	4.94	14402.273	14402.273	11.9	-5.0	NO	NO	bbX
10	200706P1-28	Standard	12.500	4.94	13593.457	13593.457	11.2	-10.4	NO	NO	bbX

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Compound name: 13C5-PFNA-RSD
Response Factor: 0.941081
RRF SD: 0.0326164, Relative SD: 3.46585
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	4.94	14827.067	14826.541	12.500	13.3	6.3	NO	NO	bb
2	200706P1-20	Standard	12.500	4.94	15608.248	16698.430	11.684	12.4	-0.7	NO	NO	bb
3	200706P1-21	Standard	12.500	4.94	15269.105	16406.395	11.634	12.4	-1.1	NO	NO	bb
4	200706P1-22	Standard	12.500	4.94	14161.967	16149.805	10.961	11.6	-6.8	NO	NO	bb
5	200706P1-23	Standard	12.500	4.94	15977.628	17268.395	11.566	12.3	-1.7	NO	NO	bb
6	200706P1-24	Standard	12.500	4.94	15164.249	15863.199	11.949	12.7	1.6	NO	NO	bb
7	200706P1-25	Standard	12.500	4.94	15860.334	16381.950	12.102	12.9	2.9	NO	NO	bb
8	200706P1-26	Standard	12.500	4.94	15209.911	15859.456	11.988	12.7	1.9	NO	NO	bb
9	200706P1-27	Standard	12.500	4.94	14402.273	15578.559	11.556	12.3	-1.8	NO	NO	bb
10	200706P1-28	Standard	12.500	4.94	13593.457	14529.391	11.695	12.4	-0.6	NO	NO	bb

Compound name: 13C8-PFOSA-EIS
Response Factor: 571.374
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	4.99	7350.009	7350.009	12.9	2.9	NO	NO	bbX
2	200706P1-20	Standard	12.500	4.99	7155.503	7155.503	12.5	0.2	NO	NO	bbX
3	200706P1-21	Standard	12.500	4.99	6949.531	6949.531	12.2	-2.7	NO	NO	bbX
4	200706P1-22	Standard	12.500	4.99	7224.200	7224.200	12.6	1.1	NO	NO	bbX
5	200706P1-23	Standard	12.500	4.99	7949.741	7949.741	13.9	11.3	NO	NO	bbX
6	200706P1-24	Standard	12.500	4.98	7142.181	7142.181	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	4.99	7268.384	7268.384	12.7	1.8	NO	NO	bbX
8	200706P1-26	Standard	12.500	4.99	7226.727	7226.727	12.6	1.2	NO	NO	bbX
9	200706P1-27	Standard	12.500	4.99	6740.430	6740.430	11.8	-5.6	NO	NO	bbX
10	200706P1-28	Standard	12.500	4.98	6362.523	6362.523	11.1	-10.9	NO	NO	bbX

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Compound name: 13C8-PFOSA-RSD
Response Factor: 0.486256
RRF SD: 0.0261204, Relative SD: 5.37173
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	4.99	7350.009	14039.590	6.544	13.5	7.7	NO	NO	bb
2	200706P1-20	Standard	12.500	4.99	7155.503	15869.678	5.636	11.6	-7.3	NO	NO	bb
3	200706P1-21	Standard	12.500	4.99	6949.531	14615.809	5.944	12.2	-2.2	NO	NO	bb
4	200706P1-22	Standard	12.500	4.99	7224.200	14751.563	6.122	12.6	0.7	NO	NO	bb
5	200706P1-23	Standard	12.500	4.99	7949.741	15184.211	6.544	13.5	7.7	NO	NO	bb
6	200706P1-24	Standard	12.500	4.98	7142.181	14215.874	6.280	12.9	3.3	NO	NO	bb
7	200706P1-25	Standard	12.500	4.99	7268.384	15481.095	5.869	12.1	-3.4	NO	NO	bb
8	200706P1-26	Standard	12.500	4.99	7226.727	15001.885	6.022	12.4	-0.9	NO	NO	bb
9	200706P1-27	Standard	12.500	4.99	6740.430	14984.139	5.623	11.6	-7.5	NO	NO	bb
10	200706P1-28	Standard	12.500	4.98	6362.523	12829.642	6.199	12.7	2.0	NO	NO	bb

Compound name: 13C2-PFOA-EIS
Response Factor: 1154.44
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	4.51	14231.127	14231.127	12.3	-1.4	NO	NO	bbX
2	200706P1-20	Standard	12.500	4.51	14540.555	14540.555	12.6	0.8	NO	NO	bbX
3	200706P1-21	Standard	12.500	4.51	14506.504	14506.504	12.6	0.5	NO	NO	bbX
4	200706P1-22	Standard	12.500	4.51	14455.132	14455.132	12.5	0.2	NO	NO	bbX
5	200706P1-23	Standard	12.500	4.51	14986.464	14986.464	13.0	3.9	NO	NO	bbX
6	200706P1-24	Standard	12.500	4.51	14430.539	14430.539	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	4.51	14123.512	14123.512	12.2	-2.1	NO	NO	bbX
8	200706P1-26	Standard	12.500	4.51	13491.245	13491.245	11.7	-6.5	NO	NO	bbX
9	200706P1-27	Standard	12.500	4.50	13468.371	13468.371	11.7	-6.7	NO	NO	bbX
10	200706P1-28	Standard	12.500	4.50	12462.934	12462.934	10.8	-13.6	NO	NO	bbX

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Compound name: 13C2-PFOA-RSD
Response Factor: 1.09364
RRF SD: 0.0333738, Relative SD: 3.05162
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	4.51	14231.127	12519.366	14.209	13.0	3.9	NO	NO	bb
2	200706P1-20	Standard	12.500	4.51	14540.555	13839.076	13.134	12.0	-3.9	NO	NO	bb
3	200706P1-21	Standard	12.500	4.51	14506.504	13084.422	13.859	12.7	1.4	NO	NO	bb
4	200706P1-22	Standard	12.500	4.51	14455.132	13029.019	13.868	12.7	1.4	NO	NO	bb
5	200706P1-23	Standard	12.500	4.51	14986.464	14240.478	13.155	12.0	-3.8	NO	NO	bb
6	200706P1-24	Standard	12.500	4.51	14430.539	13030.224	13.843	12.7	1.3	NO	NO	bb
7	200706P1-25	Standard	12.500	4.51	14123.512	13296.607	13.277	12.1	-2.9	NO	NO	bb
8	200706P1-26	Standard	12.500	4.51	13491.245	12409.222	13.590	12.4	-0.6	NO	NO	bb
9	200706P1-27	Standard	12.500	4.50	13468.371	12509.283	13.458	12.3	-1.6	NO	NO	bb
10	200706P1-28	Standard	12.500	4.50	12462.934	10884.975	14.312	13.1	4.7	NO	NO	bb

Compound name: 13C8-PFOS-EIS
Response Factor: 225.51
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	5.02	2884.344		2884.344	12.8	2.3	NO	NO	bbX
2	200706P1-20	Standard	12.500	5.02	2845.779		2845.779	12.6	1.0	NO	NO	bbX
3	200706P1-21	Standard	12.500	5.02	3008.333		3008.333	13.3	6.7	NO	NO	bbX
4	200706P1-22	Standard	12.500	5.02	2875.965		2875.965	12.8	2.0	NO	NO	bbX
5	200706P1-23	Standard	12.500	5.02	3118.928		3118.928	13.8	10.6	NO	NO	bbX
6	200706P1-24	Standard	12.500	5.02	2818.869		2818.869	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	5.02	2950.445		2950.445	13.1	4.7	NO	NO	bbX
8	200706P1-26	Standard	12.500	5.02	2787.149		2787.149	12.4	-1.1	NO	NO	bbX
9	200706P1-27	Standard	12.500	5.02	2663.154		2663.154	11.8	-5.5	NO	NO	bbX
10	200706P1-28	Standard	12.500	5.02	2577.664		2577.664	11.4	-8.6	NO	NO	bbX

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Compound name: 13C8-PFOS-RSD
Response Factor: 0.874647
RRF SD: 0.0462578, Relative SD: 5.28874
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	5.02	2884.344	3112.113	11.585	13.2	6.0	NO	NO	bb
2	200706P1-20	Standard	12.500	5.02	2845.779	3516.579	10.116	11.6	-7.5	NO	NO	bb
3	200706P1-21	Standard	12.500	5.02	3008.333	3143.465	11.963	13.7	9.4	NO	NO	bb
4	200706P1-22	Standard	12.500	5.02	2875.965	3349.641	10.732	12.3	-1.8	NO	NO	bb
5	200706P1-23	Standard	12.500	5.02	3118.928	3463.788	11.255	12.9	2.9	NO	NO	bb
6	200706P1-24	Standard	12.500	5.02	2818.869	3222.088	10.936	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	5.02	2950.445	3410.395	10.814	12.4	-1.1	NO	NO	bb
8	200706P1-26	Standard	12.500	5.02	2787.149	3432.673	10.149	11.6	-7.2	NO	NO	bb
9	200706P1-27	Standard	12.500	5.02	2663.154	3113.743	10.691	12.2	-2.2	NO	NO	bb
10	200706P1-28	Standard	12.500	5.02	2577.664	2905.585	11.089	12.7	1.4	NO	NO	bb

Compound name: 13C2-PFDA-EIS
Response Factor: 1491.47
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	5.31	18137.861		18137.861	12.2	-2.7	NO	NO	bbX
2	200706P1-20	Standard	12.500	5.31	19338.936		19338.936	13.0	3.7	NO	NO	bbX
3	200706P1-21	Standard	12.500	5.31	18429.492		18429.492	12.4	-1.1	NO	NO	bbX
4	200706P1-22	Standard	12.500	5.31	19687.527		19687.527	13.2	5.6	NO	NO	bbX
5	200706P1-23	Standard	12.500	5.31	19663.701		19663.701	13.2	5.5	NO	NO	bbX
6	200706P1-24	Standard	12.500	5.31	18643.387		18643.387	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	5.31	19964.771		19964.771	13.4	7.1	NO	NO	bbX
8	200706P1-26	Standard	12.500	5.31	19861.670		19861.670	13.3	6.5	NO	NO	bbX
9	200706P1-27	Standard	12.500	5.31	19146.473		19146.473	12.8	2.7	NO	NO	bbX
10	200706P1-28	Standard	12.500	5.31	18310.025		18310.025	12.3	-1.8	NO	NO	bbX

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Compound name: 13C2-PFDA-RSD
Response Factor: 1.25394
RRF SD: 0.0652637, Relative SD: 5.20471
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	5.31	18137.861	14024.693	16.166	12.9	3.1	NO	NO	bb
2	200706P1-20	Standard	12.500	5.31	19338.936	16270.641	14.857	11.8	-5.2	NO	NO	bb
3	200706P1-21	Standard	12.500	5.31	18429.492	15005.021	15.353	12.2	-2.1	NO	NO	bb
4	200706P1-22	Standard	12.500	5.31	19687.527	15649.067	15.726	12.5	0.3	NO	NO	bb
5	200706P1-23	Standard	12.500	5.31	19663.701	16678.373	14.737	11.8	-6.0	NO	NO	bb
6	200706P1-24	Standard	12.500	5.31	18643.387	13685.886	17.028	13.6	8.6	NO	NO	bb
7	200706P1-25	Standard	12.500	5.31	19964.771	15985.261	15.612	12.5	-0.4	NO	NO	bb
8	200706P1-26	Standard	12.500	5.31	19861.670	16564.369	14.988	12.0	-4.4	NO	NO	bb
9	200706P1-27	Standard	12.500	5.31	19146.473	15629.832	15.312	12.2	-2.3	NO	NO	bb
10	200706P1-28	Standard	12.500	5.31	18310.025	13493.237	16.962	13.5	8.2	NO	NO	bb

Compound name: 13C2-8:2 FTS-EIS
Response Factor: 110.353
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	5.29	1541.506	1541.506	14.0	11.8	NO	NO	bbX
2	200706P1-20	Standard	12.500	5.29	1580.063	1580.063	14.3	14.5	NO	NO	bbX
3	200706P1-21	Standard	12.500	5.29	1512.862	1512.862	13.7	9.7	NO	NO	bbX
4	200706P1-22	Standard	12.500	5.29	1542.955	1542.955	14.0	11.9	NO	NO	bbX
5	200706P1-23	Standard	12.500	5.29	1469.703	1469.703	13.3	6.5	NO	NO	bbX
6	200706P1-24	Standard	12.500	5.29	1379.408	1379.408	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	5.29	1477.570	1477.570	13.4	7.1	NO	NO	bbX
8	200706P1-26	Standard	12.500	5.29	1351.704	1351.704	12.2	-2.0	NO	NO	bbX
9	200706P1-27	Standard	12.500	5.29	1433.317	1433.317	13.0	3.9	NO	NO	bbX
10	200706P1-28	Standard	12.500	5.29	1567.050	1567.050	14.2	13.6	NO	NO	bbX

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Compound name: 13C2-8:2 FTS-RSD
Response Factor: 0.456564
RRF SD: 0.0413402, Relative SD: 9.05463
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	5.29	1541.506	3112.113	6.192	13.6	8.5	NO	NO	bb
2	200706P1-20	Standard	12.500	5.29	1580.063	3516.579	5.616	12.3	-1.6	NO	NO	bb
3	200706P1-21	Standard	12.500	5.29	1512.862	3143.465	6.016	13.2	5.4	NO	NO	bb
4	200706P1-22	Standard	12.500	5.29	1542.955	3349.641	5.758	12.6	0.9	NO	NO	bb
5	200706P1-23	Standard	12.500	5.29	1469.703	3463.788	5.304	11.6	-7.1	NO	NO	bb
6	200706P1-24	Standard	12.500	5.29	1379.408	3222.088	5.351	11.7	-6.2	NO	NO	bb
7	200706P1-25	Standard	12.500	5.29	1477.570	3410.395	5.416	11.9	-5.1	NO	NO	bb
8	200706P1-26	Standard	12.500	5.29	1351.704	3432.673	4.922	10.8	-13.8	NO	NO	bb
9	200706P1-27	Standard	12.500	5.29	1433.317	3113.743	5.754	12.6	0.8	NO	NO	bb
10	200706P1-28	Standard	12.500	5.29	1567.050	2905.585	6.742	14.8	18.1	NO	NO	bb

Compound name: d3-N-MeFOSAA-EIS
Response Factor: 331.163
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	5.46	4408.401		4408.401	13.3	6.5	NO	NO	bbX
2	200706P1-20	Standard	12.500	5.46	4346.208		4346.208	13.1	5.0	NO	NO	bbX
3	200706P1-21	Standard	12.500	5.46	4230.765		4230.765	12.8	2.2	NO	NO	bbX
4	200706P1-22	Standard	12.500	5.46	4359.749		4359.749	13.2	5.3	NO	NO	bbX
5	200706P1-23	Standard	12.500	5.46	4489.936		4489.936	13.6	8.5	NO	NO	bbX
6	200706P1-24	Standard	12.500	5.45	4139.533		4139.533	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	5.46	4321.417		4321.417	13.0	4.4	NO	NO	bbX
8	200706P1-26	Standard	12.500	5.46	4277.929		4277.929	12.9	3.3	NO	NO	bbX
9	200706P1-27	Standard	12.500	5.45	4146.951		4146.951	12.5	0.2	NO	NO	bbX
10	200706P1-28	Standard	12.500	5.45	4234.389		4234.389	12.8	2.3	NO	NO	bbX

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Compound name: d3-N-MeFOSAA-RSD
Response Factor: 0.293087
RRF SD: 0.0174045, Relative SD: 5.93836
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	5.46	4408.401	14039.590	3.925	13.4	7.1	NO	NO	bb
2	200706P1-20	Standard	12.500	5.46	4346.208	15869.678	3.423	11.7	-6.6	NO	NO	bb
3	200706P1-21	Standard	12.500	5.46	4230.765	14615.809	3.618	12.3	-1.2	NO	NO	bb
4	200706P1-22	Standard	12.500	5.46	4359.749	14751.563	3.694	12.6	0.8	NO	NO	bb
5	200706P1-23	Standard	12.500	5.46	4489.936	15184.211	3.696	12.6	0.9	NO	NO	bb
6	200706P1-24	Standard	12.500	5.45	4139.533	14215.874	3.640	12.4	-0.6	NO	NO	bb
7	200706P1-25	Standard	12.500	5.46	4321.417	15481.095	3.489	11.9	-4.8	NO	NO	bb
8	200706P1-26	Standard	12.500	5.46	4277.929	15001.885	3.564	12.2	-2.7	NO	NO	bb
9	200706P1-27	Standard	12.500	5.45	4146.951	14984.139	3.459	11.8	-5.6	NO	NO	bb
10	200706P1-28	Standard	12.500	5.45	4234.389	12829.642	4.126	14.1	12.6	NO	NO	bb

Compound name: 13C2-PFUdA-EIS
Response Factor: 1581.34
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	5.63	18683.264	18683.264	11.8	-5.5	NO	NO	bbX
2	200706P1-20	Standard	12.500	5.63	19852.086	19852.086	12.6	0.4	NO	NO	bbX
3	200706P1-21	Standard	12.500	5.63	18480.219	18480.219	11.7	-6.5	NO	NO	bbX
4	200706P1-22	Standard	12.500	5.63	19143.811	19143.811	12.1	-3.2	NO	NO	bbX
5	200706P1-23	Standard	12.500	5.63	20906.857	20906.857	13.2	5.8	NO	NO	bbX
6	200706P1-24	Standard	12.500	5.63	19766.689	19766.689	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	5.63	19028.625	19028.625	12.0	-3.7	NO	NO	bbX
8	200706P1-26	Standard	12.500	5.63	18950.932	18950.932	12.0	-4.1	NO	NO	bbX
9	200706P1-27	Standard	12.500	5.63	18632.748	18632.748	11.8	-5.7	NO	NO	bbX
10	200706P1-28	Standard	12.500	5.63	16795.816	16795.816	10.6	-15.0	NO	NO	bbX

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Compound name: 13C2-PFUdA-RSD
Response Factor: 1.29562
RRF SD: 0.0559514, Relative SD: 4.31849
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	5.63	18683.264	14039.590	16.634	12.8	2.7	NO	NO	bb
2	200706P1-20	Standard	12.500	5.63	19852.086	15869.678	15.637	12.1	-3.4	NO	NO	bb
3	200706P1-21	Standard	12.500	5.63	18480.219	14615.809	15.805	12.2	-2.4	NO	NO	bb
4	200706P1-22	Standard	12.500	5.63	19143.811	14751.563	16.222	12.5	0.2	NO	NO	bb
5	200706P1-23	Standard	12.500	5.63	20906.857	15184.211	17.211	13.3	6.3	NO	NO	bb
6	200706P1-24	Standard	12.500	5.63	19766.689	14215.874	17.381	13.4	7.3	NO	NO	bb
7	200706P1-25	Standard	12.500	5.63	19028.625	15481.095	15.364	11.9	-5.1	NO	NO	bb
8	200706P1-26	Standard	12.500	5.63	18950.932	15001.885	15.790	12.2	-2.5	NO	NO	bb
9	200706P1-27	Standard	12.500	5.63	18632.748	14984.139	15.544	12.0	-4.0	NO	NO	bb
10	200706P1-28	Standard	12.500	5.63	16795.816	12829.642	16.364	12.6	1.0	NO	NO	bb

Compound name: d5-N-EtFOSAA-EIS
Response Factor: 313.941
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	5.61	3974.848	3974.848	12.7	1.3	NO	NO	bbX
2	200706P1-20	Standard	12.500	5.61	4387.888	4387.888	14.0	11.8	NO	NO	bbX
3	200706P1-21	Standard	12.500	5.61	4370.321	4370.321	13.9	11.4	NO	NO	bbX
4	200706P1-22	Standard	12.500	5.61	4172.910	4172.910	13.3	6.3	NO	NO	bbX
5	200706P1-23	Standard	12.500	5.61	4350.434	4350.434	13.9	10.9	NO	NO	bbX
6	200706P1-24	Standard	12.500	5.61	3924.268	3924.268	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	5.61	4351.004	4351.004	13.9	10.9	NO	NO	bbX
8	200706P1-26	Standard	12.500	5.61	4188.651	4188.651	13.3	6.7	NO	NO	bbX
9	200706P1-27	Standard	12.500	5.60	4036.783	4036.783	12.9	2.9	NO	NO	bbX
10	200706P1-28	Standard	12.500	5.60	3787.376	3787.376	12.1	-3.5	NO	NO	bbX

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Compound name: d5-N-EtFOSAA-RSD
Response Factor: 0.282893
RRF SD: 0.00889003, Relative SD: 3.14254
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	5.61	3974.848	14039.590	3.539	12.5	0.1	NO	NO	bb
2	200706P1-20	Standard	12.500	5.61	4387.888	15869.678	3.456	12.2	-2.3	NO	NO	bb
3	200706P1-21	Standard	12.500	5.61	4370.321	14615.809	3.738	13.2	5.7	NO	NO	bb
4	200706P1-22	Standard	12.500	5.61	4172.910	14751.563	3.536	12.5	-0.0	NO	NO	bb
5	200706P1-23	Standard	12.500	5.61	4350.434	15184.211	3.581	12.7	1.3	NO	NO	bb
6	200706P1-24	Standard	12.500	5.61	3924.268	14215.874	3.451	12.2	-2.4	NO	NO	bb
7	200706P1-25	Standard	12.500	5.61	4351.004	15481.095	3.513	12.4	-0.7	NO	NO	bb
8	200706P1-26	Standard	12.500	5.61	4188.651	15001.885	3.490	12.3	-1.3	NO	NO	bb
9	200706P1-27	Standard	12.500	5.60	4036.783	14984.139	3.368	11.9	-4.8	NO	NO	bb
10	200706P1-28	Standard	12.500	5.60	3787.376	12829.642	3.690	13.0	4.4	NO	NO	bb

Compound name: 13C2-PFDoA-EIS
Response Factor: 1868.51
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	5.90	22810.775	22810.775	12.2	-2.3	NO	NO	bbX
2	200706P1-20	Standard	12.500	5.90	25244.645	25244.645	13.5	8.1	NO	NO	bbX
3	200706P1-21	Standard	12.500	5.90	24211.764	24211.764	13.0	3.7	NO	NO	bbX
4	200706P1-22	Standard	12.500	5.90	24340.117	24340.117	13.0	4.2	NO	NO	bbX
5	200706P1-23	Standard	12.500	5.90	25408.879	25408.879	13.6	8.8	NO	NO	bbX
6	200706P1-24	Standard	12.500	5.90	23356.371	23356.371	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	5.90	23355.100	23355.100	12.5	-0.0	NO	NO	bbX
8	200706P1-26	Standard	12.500	5.90	24096.184	24096.184	12.9	3.2	NO	NO	bbX
9	200706P1-27	Standard	12.500	5.90	22303.783	22303.783	11.9	-4.5	NO	NO	bbX
10	200706P1-28	Standard	12.500	5.90	21320.014	21320.014	11.4	-8.7	NO	NO	bbX

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Compound name: 13C2-PFDoA-RSD
Response Factor: 1.54998
RRF SD: 0.0870364, Relative SD: 5.61531
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

		Type		RT								
1	200706P1-19	Standard	12.500	5.90	22810.775	14024.693	20.331	13.1	4.9	NO	NO	bb
2	200706P1-20	Standard	12.500	5.90	25244.645	16270.641	19.394	12.5	0.1	NO	NO	bb
3	200706P1-21	Standard	12.500	5.90	24211.764	15005.021	20.170	13.0	4.1	NO	NO	bb
4	200706P1-22	Standard	12.500	5.90	24340.117	15649.067	19.442	12.5	0.3	NO	NO	bb
5	200706P1-23	Standard	12.500	5.90	25408.879	16678.373	19.043	12.3	-1.7	NO	NO	bb
6	200706P1-24	Standard	12.500	5.90	23356.371	13685.886	21.333	13.8	10.1	NO	NO	bb
7	200706P1-25	Standard	12.500	5.90	23355.100	15985.261	18.263	11.8	-5.7	NO	NO	bb
8	200706P1-26	Standard	12.500	5.90	24096.184	16564.369	18.184	11.7	-6.1	NO	NO	bb
9	200706P1-27	Standard	12.500	5.90	22303.783	15629.832	17.838	11.5	-7.9	NO	NO	bb
10	200706P1-28	Standard	12.500	5.90	21320.014	13493.237	19.751	12.7	1.9	NO	NO	bb

Compound name: 13C2-10:2 FTS-EIS
Response Factor: 108.637
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

				RT							
1	200706P1-19	Standard	12.500	5.89	1299.524	1299.524	12.0	-4.3	NO	NO	bbX
2	200706P1-20	Standard	12.500	5.89	1409.232	1409.232	13.0	3.8	NO	NO	bbX
3	200706P1-21	Standard	12.500	5.89	1381.627	1381.627	12.7	1.7	NO	NO	bbX
4	200706P1-22	Standard	12.500	5.89	1355.605	1355.605	12.5	-0.2	NO	NO	bbX
5	200706P1-23	Standard	12.500	5.89	1274.760	1274.760	11.7	-6.1	NO	NO	bbX
6	200706P1-24	Standard	12.500	5.89	1357.960	1357.960	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	5.89	1263.989	1263.989	11.6	-6.9	NO	NO	MMX
8	200706P1-26	Standard	12.500	5.89	1154.229	1154.229	10.6	-15.0	NO	NO	MMX
9	200706P1-27	Standard	12.500	5.89	1113.270	1113.270	10.2	-18.0	NO	NO	MMX
10	200706P1-28	Standard	12.500	5.89	949.242	949.242	8.7	-30.1	YES	NO	MMX

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Compound name: 13C2-10:2 FTS-RSD
Response Factor: 0.383921
RRF SD: 0.038237, Relative SD: 9.95958
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	5.89	1299.524	3112.113	5.220	13.6	8.8	NO	NO	bb
2	200706P1-20	Standard	12.500	5.89	1409.232	3516.579	5.009	13.0	4.4	NO	NO	bb
3	200706P1-21	Standard	12.500	5.89	1381.627	3143.465	5.494	14.3	14.5	NO	NO	bb
4	200706P1-22	Standard	12.500	5.89	1355.605	3349.641	5.059	13.2	5.4	NO	NO	bb
5	200706P1-23	Standard	12.500	5.89	1274.760	3463.788	4.600	12.0	-4.1	NO	NO	bb
6	200706P1-24	Standard	12.500	5.89	1357.960	3222.088	5.268	13.7	9.8	NO	NO	bb
7	200706P1-25	Standard	12.500	5.89	1250.593	3410.395	4.584	11.9	-4.5	NO	NO	bb
8	200706P1-26	Standard	12.500	5.89	1157.615	3432.673	4.215	11.0	-12.2	NO	NO	MM
9	200706P1-27	Standard	12.500	5.89	1113.269	3113.743	4.469	11.6	-6.9	NO	NO	MM
10	200706P1-28	Standard	12.500	5.89	946.437	2905.585	4.072	10.6	-15.2	NO	NO	db

Compound name: d3-N-MeFOSA-EIS
Response Factor: 138.386
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	149.200	5.84	20355.828	20355.828	147.1	-1.4	NO	NO	bbX
2	200706P1-20	Standard	149.200	5.84	20279.811	20279.811	146.5	-1.8	NO	NO	bbX
3	200706P1-21	Standard	149.200	5.84	20965.770	20965.770	151.5	1.5	NO	NO	bbX
4	200706P1-22	Standard	149.200	5.84	20813.816	20813.816	150.4	0.8	NO	NO	bbX
5	200706P1-23	Standard	149.200	5.84	21672.008	21672.008	156.6	5.0	NO	NO	bbX
6	200706P1-24	Standard	149.200	5.84	20647.168	20647.168	149.2	0.0	NO	NO	bb
7	200706P1-25	Standard	149.200	5.84	21174.100	21174.100	153.0	2.6	NO	NO	bbX
8	200706P1-26	Standard	149.200	5.84	20387.346	20387.346	147.3	-1.3	NO	NO	bbX
9	200706P1-27	Standard	149.200	5.84	18792.607	18792.607	135.8	-9.0	NO	NO	bbX
10	200706P1-28	Standard	149.200	5.84	17789.584	17789.584	128.6	-13.8	NO	NO	bbX

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Compound name: d3-N-MeFOSA-RSD
Response Factor: 0.115787
RRF SD: 0.00580031, Relative SD: 5.00945
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	149.200	5.84	20355.828	14039.590	18.124	156.5	4.9	NO	NO	bb
2	200706P1-20	Standard	149.200	5.84	20279.811	15869.678	15.974	138.0	-7.5	NO	NO	bb
3	200706P1-21	Standard	149.200	5.84	20965.770	14615.809	17.931	154.9	3.8	NO	NO	bb
4	200706P1-22	Standard	149.200	5.84	20813.816	14751.563	17.637	152.3	2.1	NO	NO	bb
5	200706P1-23	Standard	149.200	5.84	21672.008	15184.211	17.841	154.1	3.3	NO	NO	bb
6	200706P1-24	Standard	149.200	5.84	20647.168	14215.874	18.155	156.8	5.1	NO	NO	bb
7	200706P1-25	Standard	149.200	5.84	21174.100	15481.095	17.097	147.7	-1.0	NO	NO	bb
8	200706P1-26	Standard	149.200	5.84	20387.346	15001.885	16.987	146.7	-1.7	NO	NO	bb
9	200706P1-27	Standard	149.200	5.84	18792.607	14984.139	15.677	135.4	-9.3	NO	NO	bb
10	200706P1-28	Standard	149.200	5.84	17789.584	12829.642	17.333	149.7	0.3	NO	NO	bb

Compound name: 13C2-PFTeDA-EIS
Response Factor: 1905.82
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	6.34	23296.811	23296.811	12.2	-2.2	NO	NO	bbX
2	200706P1-20	Standard	12.500	6.34	25347.914	25347.914	13.3	6.4	NO	NO	bbX
3	200706P1-21	Standard	12.500	6.34	24321.422	24321.422	12.8	2.1	NO	NO	bbX
4	200706P1-22	Standard	12.500	6.34	23906.566	23906.566	12.5	0.4	NO	NO	bbX
5	200706P1-23	Standard	12.500	6.33	25577.697	25577.697	13.4	7.4	NO	NO	bbX
6	200706P1-24	Standard	12.500	6.33	23822.789	23822.789	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	6.34	24780.746	24780.746	13.0	4.0	NO	NO	bbX
8	200706P1-26	Standard	12.500	6.34	23560.986	23560.986	12.4	-1.1	NO	NO	bbX
9	200706P1-27	Standard	12.500	6.33	23364.986	23364.986	12.3	-1.9	NO	NO	bbX
10	200706P1-28	Standard	12.500	6.33	21788.924	21788.924	11.4	-8.5	NO	NO	bbX

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Compound name: 13C2-PFTeDA-RSD
Response Factor: 1.63304
RRF SD: 0.0496816, Relative SD: 3.04227
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	6.34	23296.811	14039.590	20.742	12.7	1.6	NO	NO	bb
2	200706P1-20	Standard	12.500	6.34	25347.914	15869.678	19.966	12.2	-2.2	NO	NO	bb
3	200706P1-21	Standard	12.500	6.34	24321.422	14615.809	20.801	12.7	1.9	NO	NO	bb
4	200706P1-22	Standard	12.500	6.34	23906.566	14751.563	20.258	12.4	-0.8	NO	NO	bb
5	200706P1-23	Standard	12.500	6.33	25577.697	15184.211	21.056	12.9	3.2	NO	NO	bb
6	200706P1-24	Standard	12.500	6.33	23822.789	14215.874	20.947	12.8	2.6	NO	NO	bb
7	200706P1-25	Standard	12.500	6.34	24780.746	15481.095	20.009	12.3	-2.0	NO	NO	bb
8	200706P1-26	Standard	12.500	6.34	23560.986	15001.885	19.632	12.0	-3.8	NO	NO	bb
9	200706P1-27	Standard	12.500	6.33	23364.986	14984.139	19.491	11.9	-4.5	NO	NO	bb
10	200706P1-28	Standard	12.500	6.33	21788.924	12829.642	21.229	13.0	4.0	NO	NO	bb

Compound name: d5-N-ETFOSA-EIS
Response Factor: 155.235
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	149.200	6.21	23217.701	23217.701	149.6	0.2	NO	NO	bbX
2	200706P1-20	Standard	149.200	6.21	23650.156	23650.156	152.4	2.1	NO	NO	bbX
3	200706P1-21	Standard	149.200	6.21	23147.498	23147.498	149.1	-0.1	NO	NO	bbX
4	200706P1-22	Standard	149.200	6.21	23462.338	23462.338	151.1	1.3	NO	NO	bbX
5	200706P1-23	Standard	149.200	6.21	24914.057	24914.057	160.5	7.6	NO	NO	bbX
6	200706P1-24	Standard	149.200	6.21	23161.109	23161.109	149.2	0.0	NO	NO	bb
7	200706P1-25	Standard	149.200	6.21	23538.484	23538.484	151.6	1.6	NO	NO	bbX
8	200706P1-26	Standard	149.200	6.21	22448.846	22448.846	144.6	-3.1	NO	NO	bbX
9	200706P1-27	Standard	149.200	6.21	21512.914	21512.914	138.6	-7.1	NO	NO	bbX
10	200706P1-28	Standard	149.200	6.21	19492.205	19492.205	125.6	-15.8	NO	NO	bbX

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Compound name: d5-N-ETFOSA-RSD
Response Factor: 0.130363
RRF SD: 0.0061827, Relative SD: 4.74267
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	149.200	6.21	23217.701	14039.590	20.672	158.6	6.3	NO	NO	bb
2	200706P1-20	Standard	149.200	6.21	23650.156	15869.678	18.628	142.9	-4.2	NO	NO	bb
3	200706P1-21	Standard	149.200	6.21	23147.498	14615.809	19.797	151.9	1.8	NO	NO	bb
4	200706P1-22	Standard	149.200	6.21	23462.338	14751.563	19.881	152.5	2.2	NO	NO	bb
5	200706P1-23	Standard	149.200	6.21	24914.057	15184.211	20.510	157.3	5.4	NO	NO	bb
6	200706P1-24	Standard	149.200	6.21	23161.109	14215.874	20.366	156.2	4.7	NO	NO	bb
7	200706P1-25	Standard	149.200	6.21	23538.484	15481.095	19.006	145.8	-2.3	NO	NO	bb
8	200706P1-26	Standard	149.200	6.21	22448.846	15001.885	18.705	143.5	-3.8	NO	NO	bb
9	200706P1-27	Standard	149.200	6.21	21512.914	14984.139	17.946	137.7	-7.7	NO	NO	bb
10	200706P1-28	Standard	149.200	6.21	19492.205	12829.642	18.991	145.7	-2.4	NO	NO	bb

Compound name: 13C2-PFHxDA-EIS
Response Factor: 2109.6
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	6.63	25406.275	25406.275	12.0	-3.7	NO	NO	bbX
2	200706P1-20	Standard	12.500	6.63	27130.332	27130.332	12.9	2.9	NO	NO	bbX
3	200706P1-21	Standard	12.500	6.63	26103.717	26103.717	12.4	-1.0	NO	NO	bbX
4	200706P1-22	Standard	12.500	6.63	26556.000	26556.000	12.6	0.7	NO	NO	bbX
5	200706P1-23	Standard	12.500	6.63	27161.623	27161.623	12.9	3.0	NO	NO	bbX
6	200706P1-24	Standard	12.500	6.63	26370.029	26370.029	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	6.63	26053.225	26053.225	12.3	-1.2	NO	NO	bbX
8	200706P1-26	Standard	12.500	6.63	26467.854	26467.854	12.5	0.4	NO	NO	bbX
9	200706P1-27	Standard	12.500	6.63	25481.225	25481.225	12.1	-3.4	NO	NO	bbX
10	200706P1-28	Standard	12.500	6.63	23953.805	23953.805	11.4	-9.2	NO	NO	bbX

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Compound name: 13C2-PFHxDA-RSD
Response Factor: 1.7764
RRF SD: 0.0627321, Relative SD: 3.53142
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	6.63	25406.275	14039.590	22.620	12.7	1.9	NO	NO	bb
2	200706P1-20	Standard	12.500	6.63	27130.332	15869.678	21.370	12.0	-3.8	NO	NO	bb
3	200706P1-21	Standard	12.500	6.63	26103.717	14615.809	22.325	12.6	0.5	NO	NO	bb
4	200706P1-22	Standard	12.500	6.63	26556.000	14751.563	22.503	12.7	1.3	NO	NO	bb
5	200706P1-23	Standard	12.500	6.63	27161.623	15184.211	22.360	12.6	0.7	NO	NO	bb
6	200706P1-24	Standard	12.500	6.63	26370.029	14215.874	23.187	13.1	4.4	NO	NO	bb
7	200706P1-25	Standard	12.500	6.63	26053.225	15481.095	21.036	11.8	-5.3	NO	NO	bb
8	200706P1-26	Standard	12.500	6.63	26467.854	15001.885	22.054	12.4	-0.7	NO	NO	bb
9	200706P1-27	Standard	12.500	6.63	25481.225	14984.139	21.257	12.0	-4.3	NO	NO	bb
10	200706P1-28	Standard	12.500	6.63	23953.805	12829.642	23.338	13.1	5.1	NO	NO	bb

Compound name: d7-N-MeFOSE-EIS
Response Factor: 134.737
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	149.200	6.33	20481.053	20481.053	152.0	1.9	NO	NO	bbX
2	200706P1-20	Standard	149.200	6.33	20843.604	20843.604	154.7	3.7	NO	NO	bbX
3	200706P1-21	Standard	149.200	6.33	20414.760	20414.760	151.5	1.6	NO	NO	bbX
4	200706P1-22	Standard	149.200	6.33	20055.193	20055.193	148.8	-0.2	NO	NO	bbX
5	200706P1-23	Standard	149.200	6.33	22627.299	22627.299	167.9	12.6	NO	NO	bbX
6	200706P1-24	Standard	149.200	6.33	20102.832	20102.832	149.2	0.0	NO	NO	bb
7	200706P1-25	Standard	149.200	6.34	20711.023	20711.023	153.7	3.0	NO	NO	bbX
8	200706P1-26	Standard	149.200	6.34	20885.109	20885.109	155.0	3.9	NO	NO	bbX
9	200706P1-27	Standard	149.200	6.34	20707.771	20707.771	153.7	3.0	NO	NO	bbX
10	200706P1-28	Standard	149.200	6.33	19318.008	19318.008	143.4	-3.9	NO	NO	bbX

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Compound name: d7-N-MeFOSE-RSD
Response Factor: 0.118964
RRF SD: 0.00547466, Relative SD: 4.60196
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	149.200	6.33	20625.156	14039.590	18.363	154.4	3.5	NO	NO	MM
2	200706P1-20	Standard	149.200	6.33	21038.611	15869.678	16.571	139.3	-6.6	NO	NO	MM
3	200706P1-21	Standard	149.200	6.33	20577.102	14615.809	17.598	147.9	-0.9	NO	NO	MM
4	200706P1-22	Standard	149.200	6.33	20244.988	14751.563	17.155	144.2	-3.3	NO	NO	MM
5	200706P1-23	Standard	149.200	6.33	22883.443	15184.211	18.838	158.4	6.1	NO	NO	MM
6	200706P1-24	Standard	149.200	6.33	20361.439	14215.874	17.904	150.5	0.9	NO	NO	MM
7	200706P1-25	Standard	149.200	6.34	20966.053	15481.095	16.929	142.3	-4.6	NO	NO	MM
8	200706P1-26	Standard	149.200	6.34	21032.818	15001.885	17.525	147.3	-1.3	NO	NO	MM
9	200706P1-27	Standard	149.200	6.34	20971.070	14984.139	17.494	147.1	-1.4	NO	NO	MM
10	200706P1-28	Standard	149.200	6.33	19619.432	12829.642	19.115	160.7	7.7	NO	NO	MM

Compound name: d9-N-EtFOSE-EIS
Response Factor: 148.701
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	149.200	6.48	22385.490	22385.490	150.5	0.9	NO	NO	bbX
2	200706P1-20	Standard	149.200	6.48	22515.381	22515.381	151.4	1.5	NO	NO	bbX
3	200706P1-21	Standard	149.200	6.48	22580.791	22580.791	151.9	1.8	NO	NO	bbX
4	200706P1-22	Standard	149.200	6.48	21905.441	21905.441	147.3	-1.3	NO	NO	bbX
5	200706P1-23	Standard	149.200	6.48	23437.969	23437.969	157.6	5.6	NO	NO	bbX
6	200706P1-24	Standard	149.200	6.48	22186.262	22186.262	149.2	0.0	NO	NO	bb
7	200706P1-25	Standard	149.200	6.48	22694.074	22694.074	152.6	2.3	NO	NO	bbX
8	200706P1-26	Standard	149.200	6.48	23318.145	23318.145	156.8	5.1	NO	NO	bbX
9	200706P1-27	Standard	149.200	6.48	23270.990	23270.990	156.5	4.9	NO	NO	bbX
10	200706P1-28	Standard	149.200	6.48	23386.736	23386.736	157.3	5.4	NO	NO	bbX

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Compound name: d9-N-EtFOSE-RSD
Response Factor: 0.131719
RRF SD: 0.00914172, Relative SD: 6.94031
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	149.200	6.48	22589.941	14039.590	20.113	152.7	2.3	NO	NO	MM
2	200706P1-20	Standard	149.200	6.48	22768.420	15869.678	17.934	136.2	-8.7	NO	NO	MM
3	200706P1-21	Standard	149.200	6.48	22925.510	14615.809	19.607	148.9	-0.2	NO	NO	MM
4	200706P1-22	Standard	149.200	6.48	22139.848	14751.563	18.761	142.4	-4.5	NO	NO	MM
5	200706P1-23	Standard	149.200	6.48	23738.180	15184.211	19.542	148.4	-0.6	NO	NO	MM
6	200706P1-24	Standard	149.200	6.48	22478.828	14215.874	19.766	150.1	0.6	NO	NO	MM
7	200706P1-25	Standard	149.200	6.48	22952.611	15481.095	18.533	140.7	-5.7	NO	NO	MM
8	200706P1-26	Standard	149.200	6.48	23540.660	15001.885	19.615	148.9	-0.2	NO	NO	MM
9	200706P1-27	Standard	149.200	6.48	23510.197	14984.139	19.613	148.9	-0.2	NO	NO	MM
10	200706P1-28	Standard	149.200	6.48	23651.098	12829.642	23.043	174.9	17.3	NO	NO	MM

Compound name: 13C4-PFBA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	1.62	9571.630	9571.630	12.500	12.5	0.0	NO	NO	MM
2	200706P1-20	Standard	12.500	1.62	10495.767	10495.767	12.500	12.5	0.0	NO	NO	MM
3	200706P1-21	Standard	12.500	1.62	10322.609	10322.609	12.500	12.5	0.0	NO	NO	MM
4	200706P1-22	Standard	12.500	1.62	10427.793	10427.793	12.500	12.5	0.0	NO	NO	MM
5	200706P1-23	Standard	12.500	1.62	10992.993	10992.993	12.500	12.5	0.0	NO	NO	MM
6	200706P1-24	Standard	12.500	1.62	10121.277	10121.277	12.500	12.5	0.0	NO	NO	MM
7	200706P1-25	Standard	12.500	1.62	10409.653	10409.653	12.500	12.5	0.0	NO	NO	MM
8	200706P1-26	Standard	12.500	1.62	10665.174	10665.174	12.500	12.5	0.0	NO	NO	MM
9	200706P1-27	Standard	12.500	1.62	10876.274	10876.274	12.500	12.5	0.0	NO	NO	MM
10	200706P1-28	Standard	12.500	1.62	10864.321	10864.321	12.500	12.5	0.0	NO	NO	MM

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Compound name: 13C2-FOUEA-EIS
Response Factor: 1951.29
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200706P1-19	Standard	12.500	5.01	23514.066	23514.066	12.1	-3.6	NO	NO	bbX
2	200706P1-20	Standard	12.500	5.01	25451.172	25451.172	13.0	4.3	NO	NO	bbX
3	200706P1-21	Standard	12.500	5.01	23973.270	23973.270	12.3	-1.7	NO	NO	bbX
4	200706P1-22	Standard	12.500	5.01	25472.313	25472.313	13.1	4.4	NO	NO	bbX
5	200706P1-23	Standard	12.500	5.01	26638.104	26638.104	13.7	9.2	NO	NO	bbX
6	200706P1-24	Standard	12.500	5.00	24391.166	24391.166	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	5.01	25232.289	25232.289	12.9	3.4	NO	NO	bbX
8	200706P1-26	Standard	12.500	5.01	22912.313	22912.313	11.7	-6.1	NO	NO	bbX
9	200706P1-27	Standard	12.500	5.00	23091.492	23091.492	11.8	-5.3	NO	NO	bbX
10	200706P1-28	Standard	12.500	5.00	19672.584	19672.584	10.1	-19.3	NO	NO	bbX

Compound name: 13C5-PFHxA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	3.38	15792.443	15792.443	12.500	12.5	0.0	NO	NO	bb
2	200706P1-20	Standard	12.500	3.39	16933.953	16933.953	12.500	12.5	0.0	NO	NO	bb
3	200706P1-21	Standard	12.500	3.39	16418.008	16418.008	12.500	12.5	0.0	NO	NO	bb
4	200706P1-22	Standard	12.500	3.39	16457.064	16457.064	12.500	12.5	0.0	NO	NO	bb
5	200706P1-23	Standard	12.500	3.39	18353.051	18353.051	12.500	12.5	0.0	NO	NO	bb
6	200706P1-24	Standard	12.500	3.39	15564.020	15564.020	12.500	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	3.39	17166.877	17166.877	12.500	12.5	0.0	NO	NO	bb
8	200706P1-26	Standard	12.500	3.39	16410.266	16410.266	12.500	12.5	0.0	NO	NO	bb
9	200706P1-27	Standard	12.500	3.39	16063.282	16063.282	12.500	12.5	0.0	NO	NO	bb
10	200706P1-28	Standard	12.500	3.39	15638.367	15638.367	12.500	12.5	0.0	NO	NO	bb

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Compound name: 18O2-PFHxS
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	4.13	1112.618	1112.618	12.500	12.5	0.0	NO	NO	bb
2	200706P1-20	Standard	12.500	4.13	1135.557	1135.557	12.500	12.5	0.0	NO	NO	bb
3	200706P1-21	Standard	12.500	4.13	1029.912	1029.912	12.500	12.5	0.0	NO	NO	bb
4	200706P1-22	Standard	12.500	4.13	1172.076	1172.076	12.500	12.5	0.0	NO	NO	bb
5	200706P1-23	Standard	12.500	4.13	1315.580	1315.580	12.500	12.5	0.0	NO	NO	bb
6	200706P1-24	Standard	12.500	4.13	1066.013	1066.013	12.500	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	4.13	1118.342	1118.342	12.500	12.5	0.0	NO	NO	bb
8	200706P1-26	Standard	12.500	4.13	1109.793	1109.793	12.500	12.5	0.0	NO	NO	bb
9	200706P1-27	Standard	12.500	4.13	1116.404	1116.404	12.500	12.5	0.0	NO	NO	bb
10	200706P1-28	Standard	12.500	4.13	1041.527	1041.527	12.500	12.5	0.0	NO	NO	bb

Compound name: 13C8-PFOA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	4.51	12519.366	12519.366	12.500	12.5	0.0	NO	NO	bb
2	200706P1-20	Standard	12.500	4.51	13839.076	13839.076	12.500	12.5	0.0	NO	NO	bb
3	200706P1-21	Standard	12.500	4.51	13084.422	13084.422	12.500	12.5	0.0	NO	NO	bb
4	200706P1-22	Standard	12.500	4.51	13029.019	13029.019	12.500	12.5	0.0	NO	NO	bb
5	200706P1-23	Standard	12.500	4.51	14240.478	14240.478	12.500	12.5	0.0	NO	NO	bb
6	200706P1-24	Standard	12.500	4.51	13030.224	13030.224	12.500	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	4.51	13296.607	13296.607	12.500	12.5	0.0	NO	NO	bb
8	200706P1-26	Standard	12.500	4.50	12409.222	12409.222	12.500	12.5	0.0	NO	NO	bb
9	200706P1-27	Standard	12.500	4.50	12509.283	12509.283	12.500	12.5	0.0	NO	NO	bb
10	200706P1-28	Standard	12.500	4.50	10884.975	10884.975	12.500	12.5	0.0	NO	NO	bb

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Compound name: 13C9-PFNA
Response Factor: 1
RRF SD: 7.40149e-017, Relative SD: 7.40149e-015
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	4.94	14826.541	14826.541	12.500	12.5	0.0	NO	NO	bb
2	200706P1-20	Standard	12.500	4.94	16698.430	16698.430	12.500	12.5	0.0	NO	NO	bb
3	200706P1-21	Standard	12.500	4.94	16406.395	16406.395	12.500	12.5	0.0	NO	NO	bb
4	200706P1-22	Standard	12.500	4.94	16149.805	16149.805	12.500	12.5	0.0	NO	NO	bb
5	200706P1-23	Standard	12.500	4.94	17268.395	17268.395	12.500	12.5	0.0	NO	NO	bb
6	200706P1-24	Standard	12.500	4.94	15863.199	15863.199	12.500	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	4.94	16381.950	16381.950	12.500	12.5	0.0	NO	NO	bb
8	200706P1-26	Standard	12.500	4.94	15859.456	15859.456	12.500	12.5	0.0	NO	NO	bb
9	200706P1-27	Standard	12.500	4.94	15578.559	15578.559	12.500	12.5	0.0	NO	NO	bb
10	200706P1-28	Standard	12.500	4.94	14529.391	14529.391	12.500	12.5	0.0	NO	NO	bb

Compound name: 13C4-PFOS
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	5.02	3112.113	3112.113	12.500	12.5	0.0	NO	NO	bb
2	200706P1-20	Standard	12.500	5.02	3516.579	3516.579	12.500	12.5	0.0	NO	NO	bb
3	200706P1-21	Standard	12.500	5.02	3143.465	3143.465	12.500	12.5	0.0	NO	NO	bb
4	200706P1-22	Standard	12.500	5.02	3349.641	3349.641	12.500	12.5	0.0	NO	NO	bb
5	200706P1-23	Standard	12.500	5.02	3463.788	3463.788	12.500	12.5	0.0	NO	NO	bb
6	200706P1-24	Standard	12.500	5.02	3222.088	3222.088	12.500	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	5.02	3410.395	3410.395	12.500	12.5	0.0	NO	NO	bb
8	200706P1-26	Standard	12.500	5.02	3432.673	3432.673	12.500	12.5	0.0	NO	NO	bb
9	200706P1-27	Standard	12.500	5.02	3113.743	3113.743	12.500	12.5	0.0	NO	NO	bb
10	200706P1-28	Standard	12.500	5.02	2905.585	2905.585	12.500	12.5	0.0	NO	NO	bb

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Compound name: 13C6-PFDA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	5.31	14024.693	14024.693	12.500	12.5	0.0	NO	NO	bb
2	200706P1-20	Standard	12.500	5.31	16270.641	16270.641	12.500	12.5	0.0	NO	NO	bb
3	200706P1-21	Standard	12.500	5.31	15005.021	15005.021	12.500	12.5	0.0	NO	NO	bb
4	200706P1-22	Standard	12.500	5.31	15649.067	15649.067	12.500	12.5	0.0	NO	NO	bb
5	200706P1-23	Standard	12.500	5.31	16678.373	16678.373	12.500	12.5	0.0	NO	NO	bb
6	200706P1-24	Standard	12.500	5.31	13685.886	13685.886	12.500	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	5.31	15985.261	15985.261	12.500	12.5	0.0	NO	NO	bb
8	200706P1-26	Standard	12.500	5.31	16564.369	16564.369	12.500	12.5	0.0	NO	NO	bb
9	200706P1-27	Standard	12.500	5.31	15629.832	15629.832	12.500	12.5	0.0	NO	NO	bb
10	200706P1-28	Standard	12.500	5.31	13493.237	13493.237	12.500	12.5	0.0	NO	NO	bb

Compound name: 13C7-PFUdA
Response Factor: 1
RRF SD: 3.70074e-017, Relative SD: 3.70074e-015
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

1	200706P1-19	Standard	12.500	5.63	14039.590	14039.590	12.500	12.5	0.0	NO	NO	bb
2	200706P1-20	Standard	12.500	5.63	15869.678	15869.678	12.500	12.5	0.0	NO	NO	bb
3	200706P1-21	Standard	12.500	5.63	14615.809	14615.809	12.500	12.5	0.0	NO	NO	bb
4	200706P1-22	Standard	12.500	5.63	14751.563	14751.563	12.500	12.5	0.0	NO	NO	bb
5	200706P1-23	Standard	12.500	5.63	15184.211	15184.211	12.500	12.5	0.0	NO	NO	bb
6	200706P1-24	Standard	12.500	5.63	14215.874	14215.874	12.500	12.5	0.0	NO	NO	bb
7	200706P1-25	Standard	12.500	5.63	15481.095	15481.095	12.500	12.5	0.0	NO	NO	bb
8	200706P1-26	Standard	12.500	5.63	15001.885	15001.885	12.500	12.5	0.0	NO	NO	bb
9	200706P1-27	Standard	12.500	5.63	14984.139	14984.139	12.500	12.5	0.0	NO	NO	bb
10	200706P1-28	Standard	12.500	5.63	12829.642	12829.642	12.500	12.5	0.0	NO	NO	bb

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Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_070620.mdb 07 Jul 2020 08:33:50
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_07-06-20.cdb 07 Jul 2020 09:00:31

Name: 200706P1-19, Date: 06-Jul-2020, Time: 13:13:57, ID: ST200706P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

1	PFBA	47	0.9994	NO
2	PFPrS	51	0.9997	NO
3	3:3 FTCA	49	0.9991	NO
4	PFPeA	49	0.9999	NO
5	PFBS	51	0.9998	NO
6	4:2 FTS	55	0.9996	NO
7	PFHxA	57	0.9995	NO
8	PFPeS	51	0.9996	NO
9	HFPO-DA	53	0.9998	NO
10	5:3 FTCA	59	0.9993	NO
11	PFHpA	59	0.9999	NO
12	ADONA	59	0.9999	NO
13	L-PFHxS	61	0.9990	NO
15	6:2 FTS	63	0.9977	NO
16	L-PFOA	69	0.9992	NO
18	PFecHS	69	0.9996	NO
19	PFHpS	71	0.9999	NO
20	7:3 FTCA	65	0.9994	NO
21	PFNA	65	0.9998	NO
22	PFOSA	67	0.9999	NO
23	L-PFOS	71	0.9997	NO
25	9Cl-PF30NS	71	0.9998	NO
26	PFDA	73	0.9999	NO
27	8:2 FTS	75	0.9989	NO
28	PFNS	71	0.9994	NO
29	L-MeFOSAA	77	0.9998	NO

Vista Analytical Laboratory

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:07:57 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_070620.mdb 07 Jul 2020 08:33:50
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_07-06-20.cdb 07 Jul 2020 09:00:31

Name: 200706P1-19, Date: 06-Jul-2020, Time: 13:13:57, ID: ST200706P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

31	L-EtFOSAA	81	0.9999	NO	
33	PFUdA	79	0.9996	NO	
34	PFDS	71	0.9999	NO	
35	11Cl-PF30UdS	83	0.9983	NO	
36	10:2 FTS	85	0.9970	NO	
37	PFDoA	83	0.9998	NO	
38	N-MeFOSA	87	0.9999	NO	
39	PFTrDA	83	0.9999	NO	
40	PFDoS	89	0.9996	NO	
41	PFTeDA	89	0.9988	NO	
42	N-EtFOSA	91	0.9997	NO	
43	PFHxDA	93	0.9998	NO	
44	PFODA	93	0.9999	NO	
45	N-MeFOSE	95	0.9995	NO	
46	N-EtFOSE	97	0.9983	NO	
47	13C3-PFBA-EIS			NO	0.000
48	13C3-PFBA-RSD	99		NO	3.902
49	13C3-PFPeA-EIS			NO	0.000
50	13C3-PFPeA-RSD	101		NO	3.397
51	13C3-PFBS-EIS			NO	0.000
52	13C3-PFBS-RSD	102		NO	4.905
53	13C3-HFPO-DA-EIS			NO	0.000
54	13C3-HFPO-DA-RSD	101		NO	4.912
55	13C2-4:2 FTS-EIS			NO	0.000
56	13C2-4:2 FTS-RSD	102		NO	5.397
57	13C2-PFHxA-EIS			NO	0.000
58	13C2-PFHxA-RSD	101		NO	3.053
59	13C4-PFHpA-EIS			NO	0.000
60	13C4-PFHpA-RSD	101		NO	4.592
61	13C3-PFHxS-EIS			NO	0.000
62	13C3-PFHxS-RSD	102		NO	3.357
63	13C2-6:2 FTS-EIS			NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:07:57 Pacific Daylight Time

Name: 200706P1-19, Date: 06-Jul-2020, Time: 13:13:57, ID: ST200706P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

64	13C2-6:2 FTS-RSD	105	NO	6.233
65	13C5-PFNA-EIS		NO	0.000
66	13C5-PFNA-RSD	104	NO	3.466
67	13C8-PFOSA-EIS		NO	0.000
68	13C8-PFOSA-RSD	107	NO	5.372
69	13C2-PFOA-EIS		NO	0.000
70	13C2-PFOA-RSD	103	NO	3.052
71	13C8-PFOS-EIS		NO	0.000
72	13C8-PFOS-RSD	105	NO	5.289
73	13C2-PFDA-EIS		NO	0.000
74	13C2-PFDA-RSD	106	NO	5.205
75	13C2-8:2 FTS-EIS		NO	0.000
76	13C2-8:2 FTS-RSD	105	NO	9.055
77	d3-N-MeFOSAA-EIS		NO	0.000
78	d3-N-MeFOSAA-RSD	107	NO	5.938
79	13C2-PFUdA-EIS		NO	0.000
80	13C2-PFUdA-RSD	107	NO	4.318
81	d5-N-EtFOSAA-EIS		NO	0.000
82	d5-N-EtFOSAA-RSD	107	NO	3.143
83	13C2-PFDoA-EIS		NO	0.000
84	13C2-PFDoA-RSD	106	NO	5.615
85	13C2-10:2 FTS-EIS		NO	0.000
86	13C2-10:2 FTS-RSD	105	NO	9.960
87	d3-N-MeFOSA-EIS		NO	0.000
88	d3-N-MeFOSA-RSD	107	NO	5.009
89	13C2-PFTeDA-EIS		NO	0.000
90	13C2-PFTeDA-RSD	107	NO	3.042
91	d5-N-ETFOSA-EIS		NO	0.000
92	d5-N-ETFOSA-RSD	107	NO	4.743
93	13C2-PFHxDA-EIS		NO	0.000
94	13C2-PFHxDA-RSD	107	NO	3.531
95	d7-N-MeFOSE-EIS		NO	0.000
96	d7-N-MeFOSE-RSD	107	NO	4.602
97	d9-N-EtFOSE-EIS		NO	0.000
98	d9-N-EtFOSE-RSD	107	NO	6.940
99	13C4-PFBA	99	NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:07:57 Pacific Daylight Time

Name: 200706P1-19, Date: 06-Jul-2020, Time: 13:13:57, ID: ST200706P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

1...	13C2-FOUEA-EIS		NO	0.000
1...	13C5-PFHxA	101	NO	0.000
1...	18O2-PFHxS	102	NO	0.000
1...	13C8-PFOA	103	NO	0.000
1...	13C9-PFNA	104	NO	0.000
1...	13C4-PFOS	105	NO	0.000
1...	13C6-PFDA	106	NO	0.000
1...	13C7-PFUdA	107	NO	0.000

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:14:38 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:15:00 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_070620.mdb 07 Jul 2020 09:14:35
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_07-06-20.cdb 07 Jul 2020 09:00:31

Name: 200706P1-24, Date: 06-Jul-2020, Time: 14:06:27, ID: ST200706P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

1	PFBA	1.62	1.62			
2	PFPrS	1.81	1.97	2.684	2.684	NO
3	3:3 FTCA	2.43	2.44	3.536	3.536	NO
4	PFPeA	2.59	2.59			
5	PFBS	2.87	2.87	2.400	2.400	NO
6	4:2 FTS	3.31	3.31	11.507	11.507	NO
7	PFHxA	3.39	3.39	16.343	16.343	NO
8	PFPeS	3.80	3.57	1.941	1.941	NO
9	HFPO-DA	3.59	3.59	2.253	2.253	NO
10	5:3 FTCA	3.94	3.92	1.715	1.715	NO
11	PFHpA	3.98	3.98	53.515	53.515	NO
12	ADONA	4.08	4.10	3.855	3.855	NO
13	L-PFHxS	4.13	4.13	4.017	4.017	NO
15	6:2 FTS	4.45	4.45	0.844	0.844	NO
16	L-PFOA	4.51	4.51	3.193	3.193	NO
18	PFecHS	4.52	4.52	0.538	0.538	NO
19	PFHpS	4.56	4.61	1.736	1.736	NO
20	7:3 FTCA	4.85	4.93	1.270	1.270	NO
21	PFNA	4.94	4.94	14.123	14.123	NO
22	PFOSA	4.98	4.99	20.977	20.977	NO
23	L-PFOS	5.02	5.02	2.598	2.598	NO
25	9Cl-PF30NS	5.24	5.23	38.597	38.597	NO
26	PFDA	5.31	5.31	5.220	5.220	NO
27	8:2 FTS	5.29	5.29	0.833	0.833	NO
28	PFNS	5.39	5.37	2.459	2.459	NO
29	L-MeFOSAA	5.45	5.46	1.779	1.779	NO

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:14:38 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:15:18 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_070620.mdb 07 Jul 2020 09:14:35
Callbration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_07-06-20.cdb 07 Jul 2020 09:00:31

Name: 200706P1-24, Date: 06-Jul-2020, Time: 14:06:27, ID: ST200706P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

31	L-EtFOSAA	5.61	5.61	1.390	1.390	NO
33	PFUdA	5.63	5.63	20.067	20.067	NO
34	PFDS	5.78	5.67	2.265	2.265	NO
35	11Cl-PF30UdS	5.83	5.83	17.809	17.809	NO
36	10:2 FTS	5.89	5.89	1.054	1.054	NO
37	PFDoA	5.90	5.90	12.755	12.755	NO
38	N-MeFOSA	5.83	5.82	1.955	1.955	NO
39	PFTrDA	6.16	6.14	116.572	116.572	NO
40	PFDoS	6.13	6.16	2.251	2.251	NO
41	PFTeDA	6.33	6.34	14.405	14.405	NO
42	N-EtFOSA	6.19	6.19	1.875	1.875	NO
43	PFHxDA	6.63	6.63	32.756	32.756	NO
44	PFODA	6.85	6.84			
45	N-MeFOSE	6.33	6.34			
46	N-EtFOSE	6.48	6.49			

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Dataset: Untitled

Last Altered: Tuesday, July 07, 2020 09:16:38 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:16:52 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_070620.mdb 07 Jul 2020 08:33:50
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_07-06-20.cdb 07 Jul 2020 09:00:31

Compound name: PFBA

1	200706P1-19	ST200706P1-1 PFC CS-2 20F1901	06-Jul-20	13:13:57
2	200706P1-20	ST200706P1-2 PFC CS-1 20F1902	06-Jul-20	13:24:27
3	200706P1-21	ST200706P1-3 PFC CS0 20F1903	06-Jul-20	13:34:57
4	200706P1-22	ST200706P1-4 PFC CS1 20F1904	06-Jul-20	13:45:26
5	200706P1-23	ST200706P1-5 PFC CS2 20F1905	06-Jul-20	13:55:58
6	200706P1-24	ST200706P1-6 PFC CS3 20F1906	06-Jul-20	14:06:27
7	200706P1-25	ST200706P1-7 PFC CS4 20F1907	06-Jul-20	14:16:59
8	200706P1-26	ST200706P1-8 PFC CS5 20F1908	06-Jul-20	14:27:27
9	200706P1-27	ST200706P1-9 PFC CS6 20F1909	06-Jul-20	14:37:59
10	200706P1-28	ST200706P1-10 PFC CS7 20F1910	06-Jul-20	14:48:28
11	200706P1-29	IB	06-Jul-20	14:58:58
12	200706P1-30	ICV200706P1-1 PFC ICV 20F1911	06-Jul-20	15:09:30
13	200706P1-31	IB	06-Jul-20	15:19:59

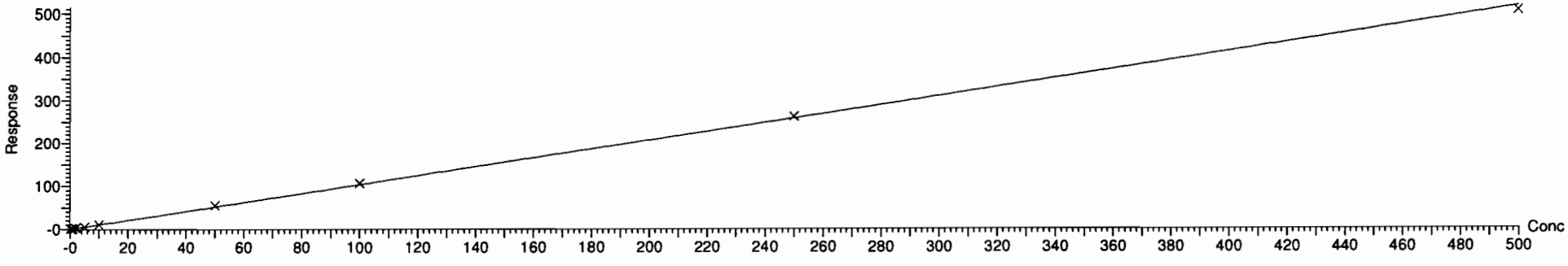
Vista Analytical Laboratory Q1

Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

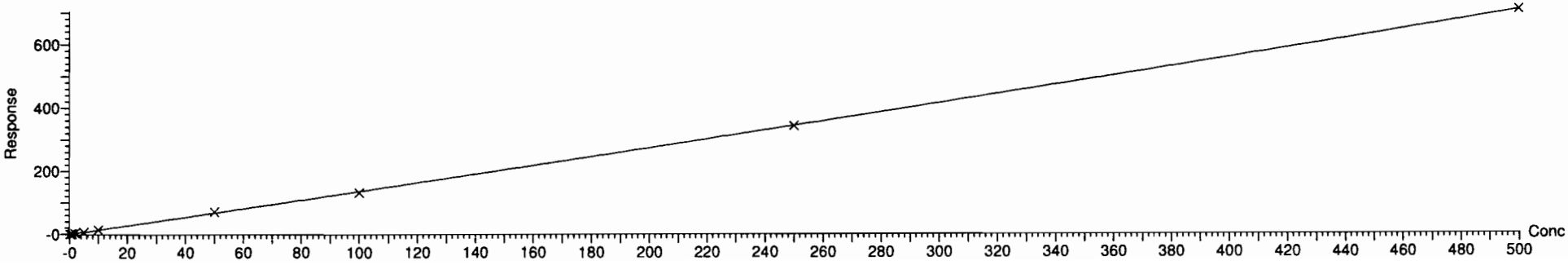
Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:13:21 Pacific Daylight Time

Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_070620.mdb 07 Jul 2020 08:33:50
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_07-06-20.cdb 07 Jul 2020 09:00:31

Compound name: PFBA
Correlation coefficient: r = 0.999694, r^2 = 0.999388
Calibration curve: 1.03125 * x + 0.0440308
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



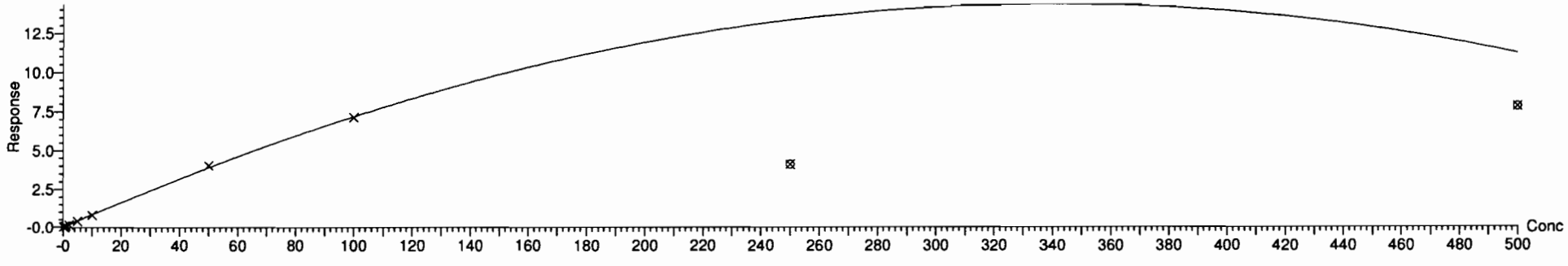
Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999729
Calibration curve: 0.000149868 * x^2 + 1.33446 * x + -0.0189522
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



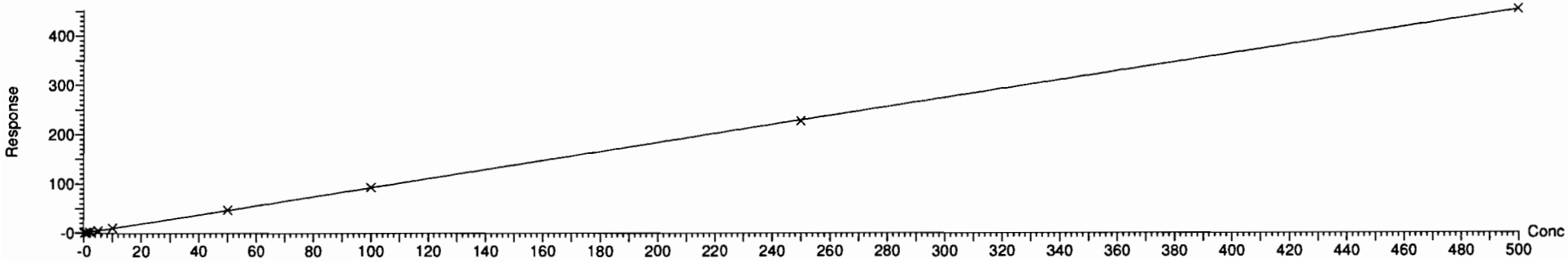
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:13:21 Pacific Daylight Time

Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.999100
Calibration curve: -0.000123651 * x^2 + 0.0842724 * x + -0.00450239
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



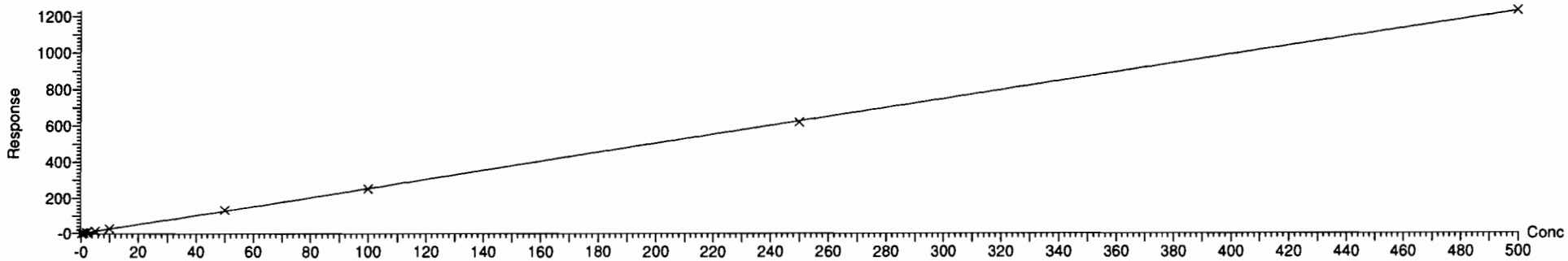
Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999942
Calibration curve: -4.09095e-005 * x^2 + 0.926116 * x + 0.00438806
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



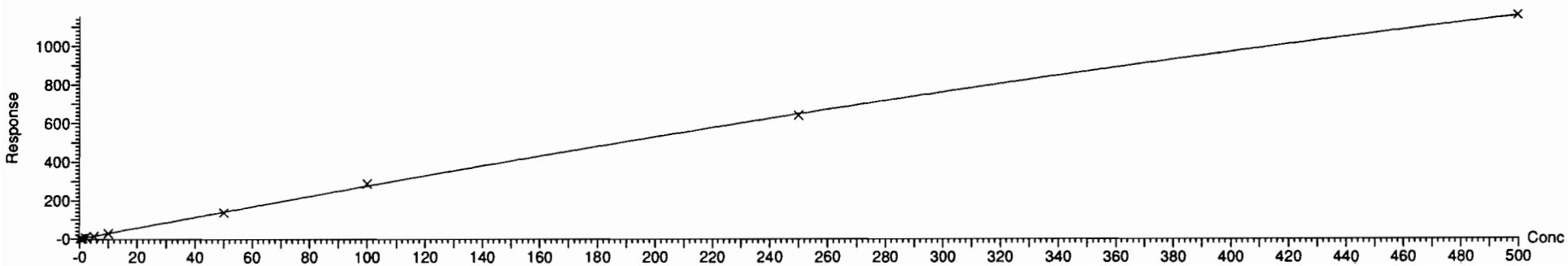
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:13:21 Pacific Daylight Time

Compound name: PFBS
Coefficient of Determination: R^2 = 0.999832
Calibration curve: -0.000209368 * x^2 + 2.56013 * x + 0.0091719
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



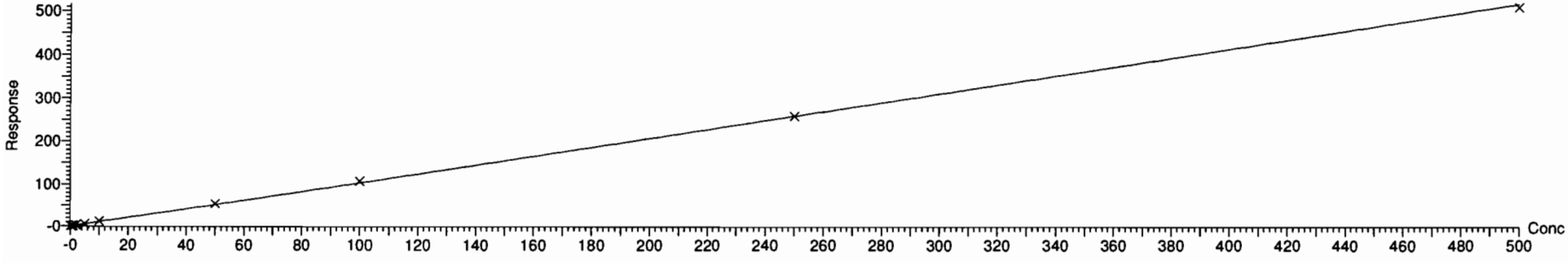
Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.999612
Calibration curve: -0.00110944 * x^2 + 2.87043 * x + -0.114307
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



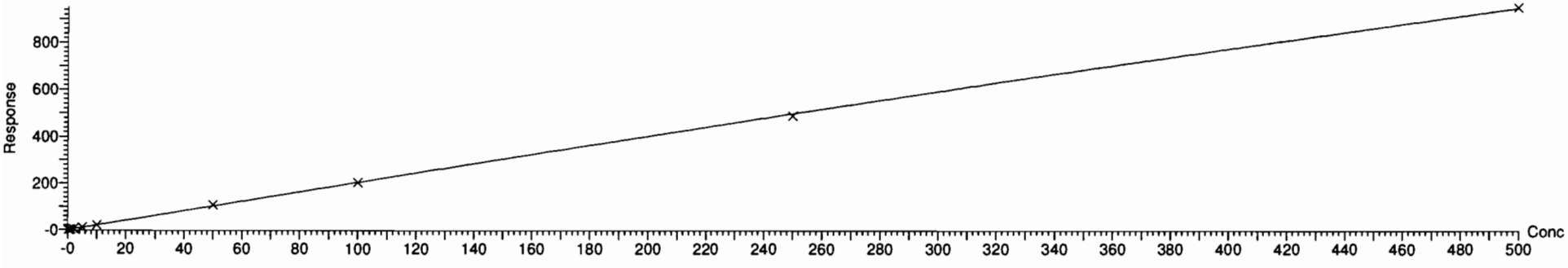
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:13:21 Pacific Daylight Time

Compound name: PFHxA
Correlation coefficient: r = 0.999727, r^2 = 0.999454
Calibration curve: 1.03548 * x + 0.0754497
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



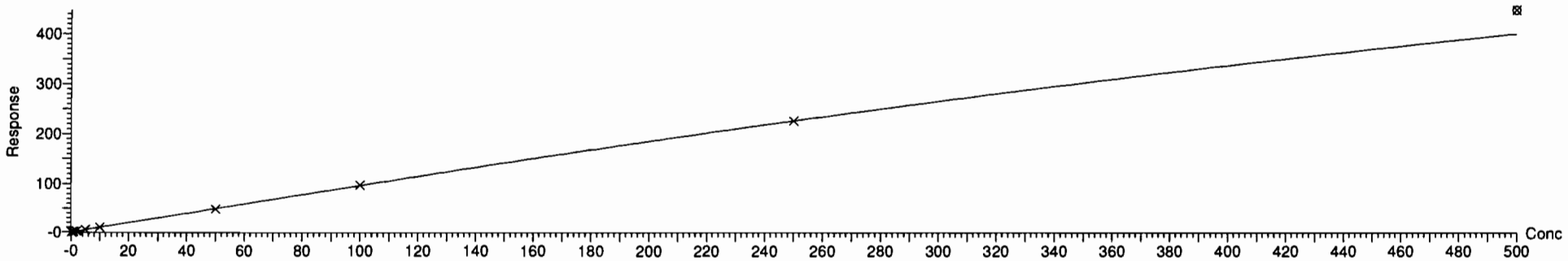
Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999616
Calibration curve: -0.000388732 * x^2 + 2.09219 * x + -0.0212532
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



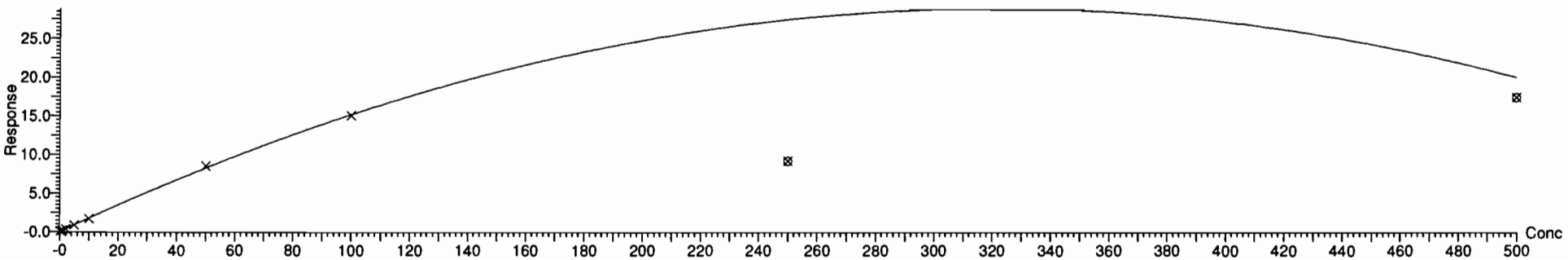
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:13:21 Pacific Daylight Time

Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.999787
Calibration curve: -0.00042067 * x^2 + 1.01205 * x + -0.0211231
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



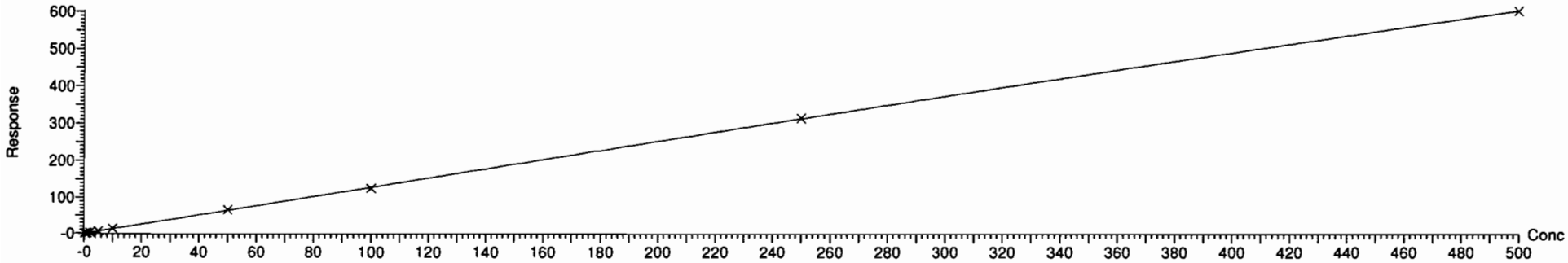
Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.999294
Calibration curve: -0.000279748 * x^2 + 0.179933 * x + -0.0070197
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



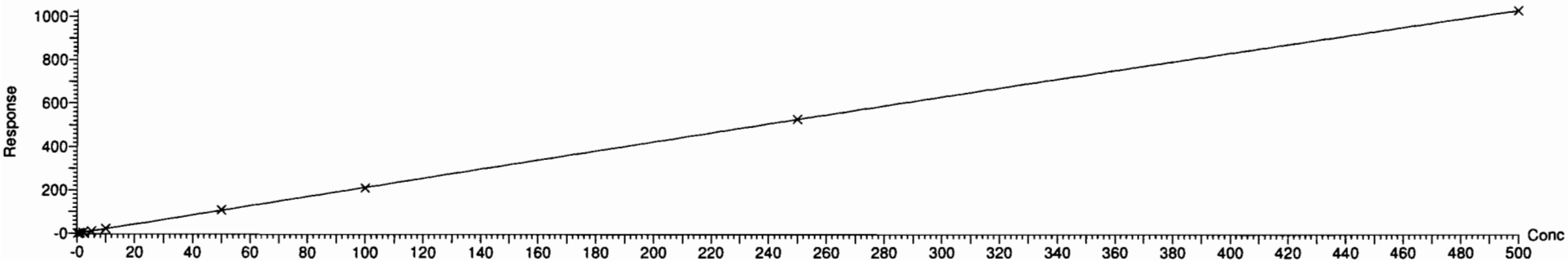
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:13:21 Pacific Daylight Time

Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999869
Calibration curve: -0.000182594 * x^2 + 1.3002 * x + 0.0362384
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



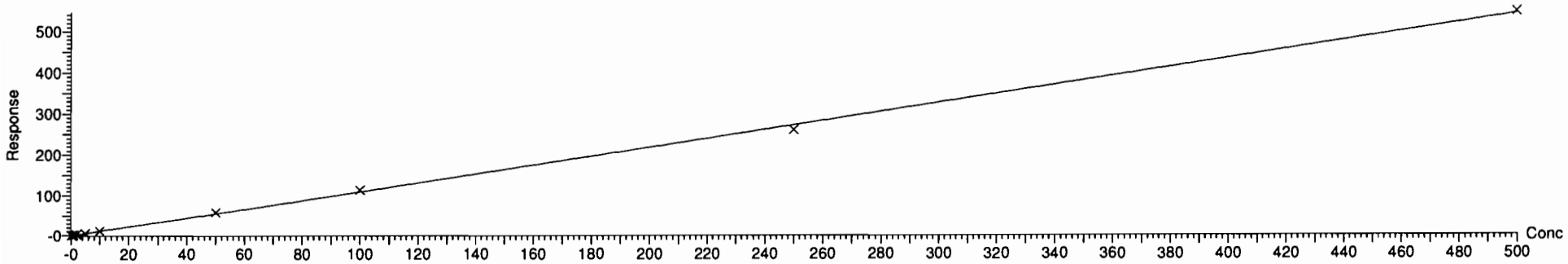
Compound name: ADONA
Coefficient of Determination: R^2 = 0.999933
Calibration curve: -0.000211186 * x^2 + 2.1692 * x + 0.077206
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



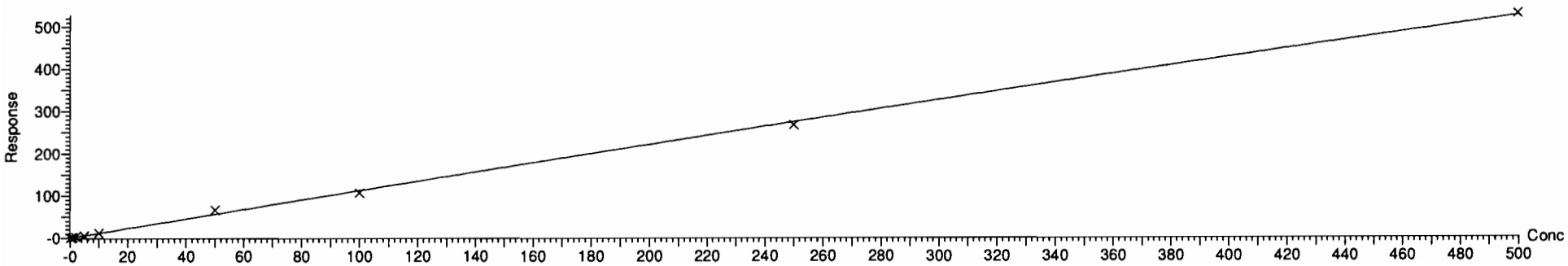
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:13:21 Pacific Daylight Time

Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.998975
Calibration curve: -1.6968e-005 * x^2 + 1.09268 * x + 0.0771315
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.997712
Calibration curve: -0.000191359 * x^2 + 1.14566 * x + 0.00198468
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
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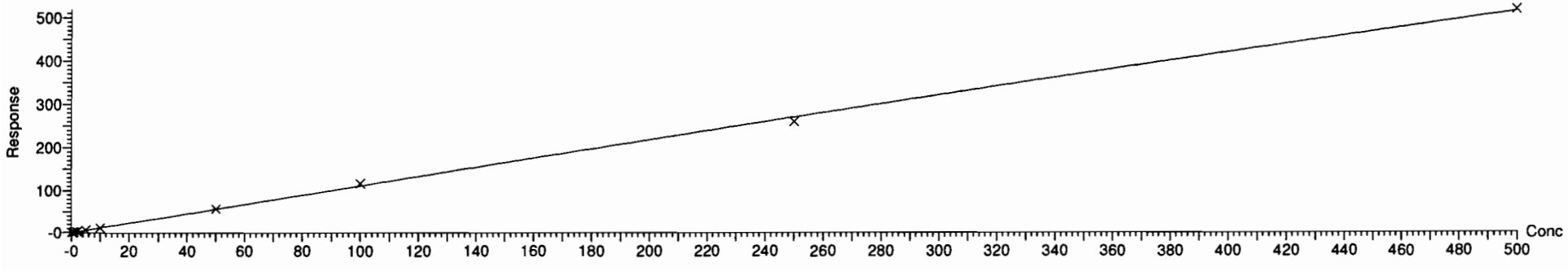
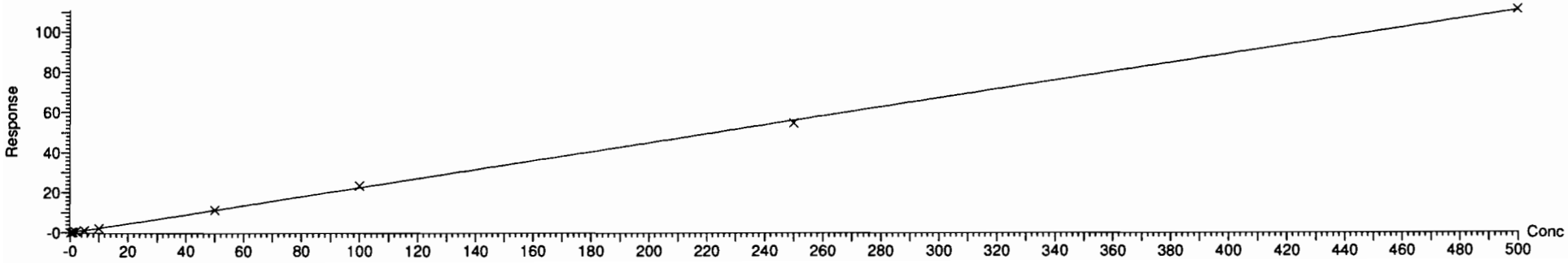
Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999173
Calibration curve: -0.000202972 * x^2 + 1.13013 * x + 0.0543225
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



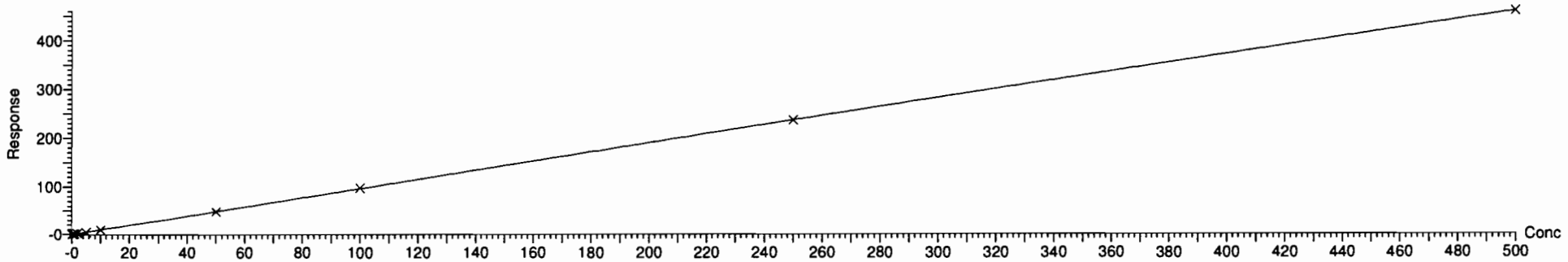
Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999583
Calibration curve: -1.03658e-005 * x^2 + 0.226457 * x + -0.0088356
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



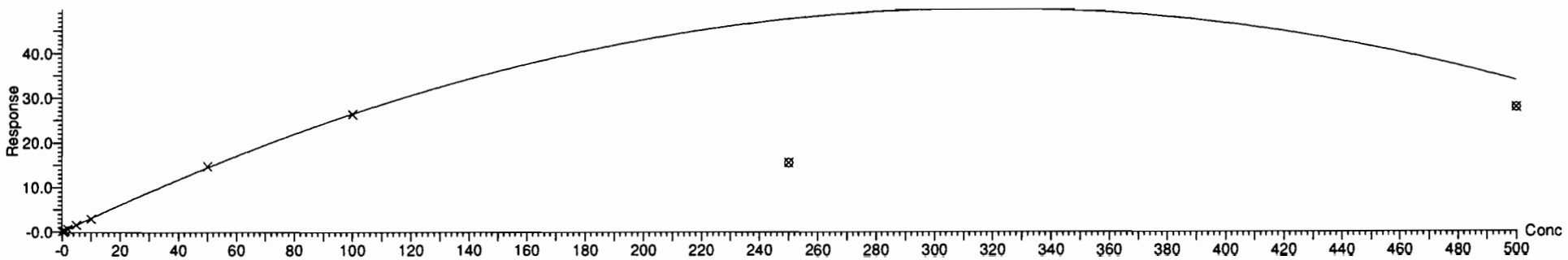
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:13:21 Pacific Daylight Time

Compound name: PFHpS
Coefficient of Determination: R^2 = 0.999887
Calibration curve: -0.000106932 * x^2 + 0.973986 * x + 0.00516936
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.999371
Calibration curve: -0.000492227 * x^2 + 0.313584 * x + 0.000408564
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
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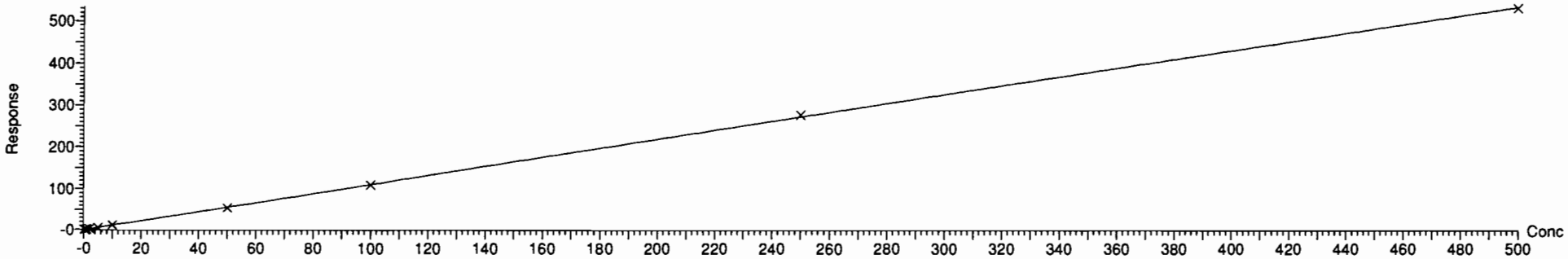
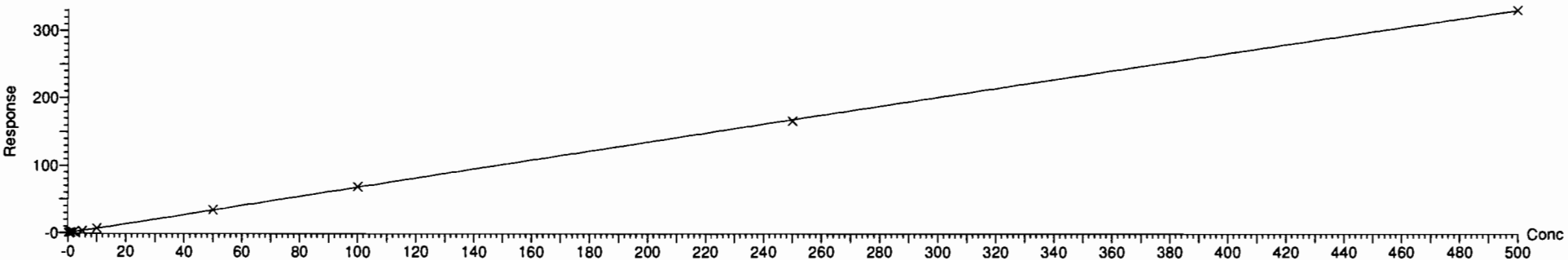
Compound name: PFNA
Coefficient of Determination: R^2 = 0.999826
Calibration curve: -9.83022e-005 * x^2 + 1.11707 * x + 0.0195168
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



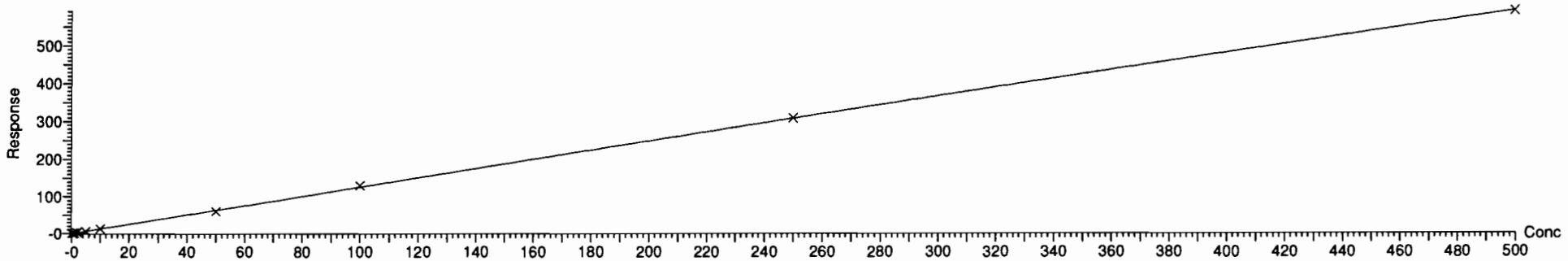
Compound name: PFOSA
Coefficient of Determination: R^2 = 0.999934
Calibration curve: -5.74782e-005 * x^2 + 0.690246 * x + 0.00511601
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



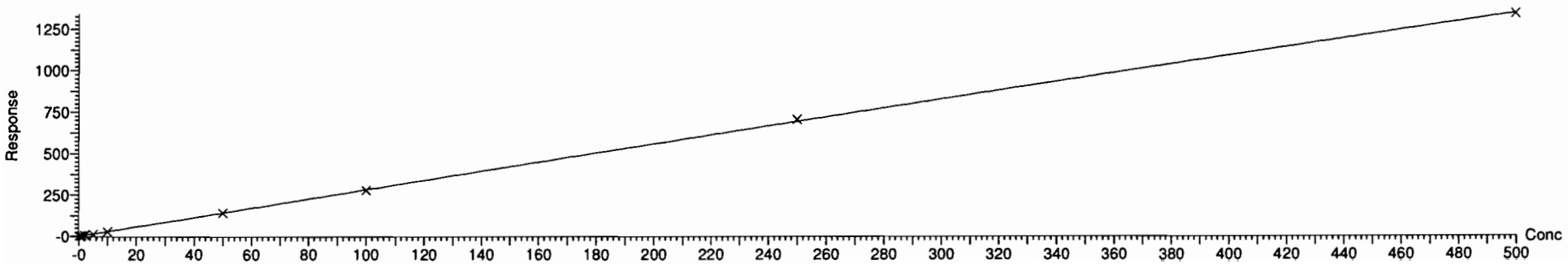
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:13:21 Pacific Daylight Time

Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.999703
Calibration curve: -0.000187013 * x^2 + 1.27905 * x + -0.0944633
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



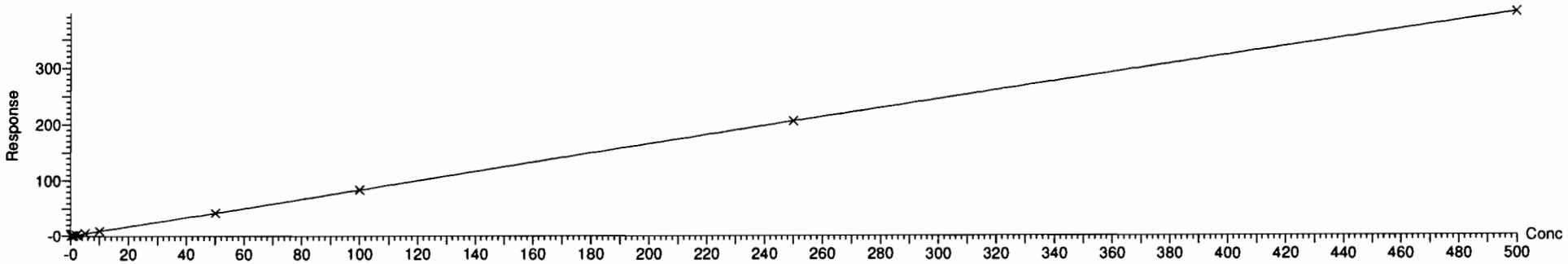
Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.999799
Calibration curve: -0.000316616 * x^2 + 2.84896 * x + 0.0165096
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



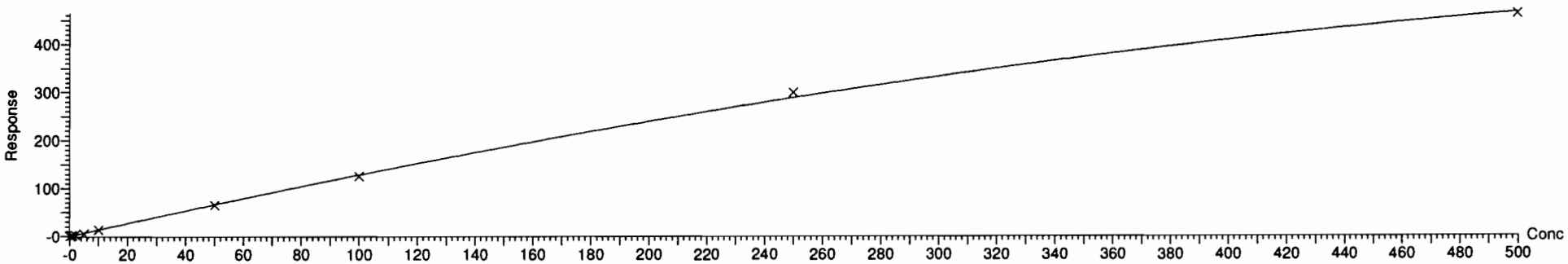
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:13:21 Pacific Daylight Time

Compound name: PFDA
Coefficient of Determination: R^2 = 0.999933
Calibration curve: -0.000101556 * x^2 + 0.846184 * x + 0.0441258
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.998921
Calibration curve: -0.000876709 * x^2 + 1.37036 * x + -0.084038
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
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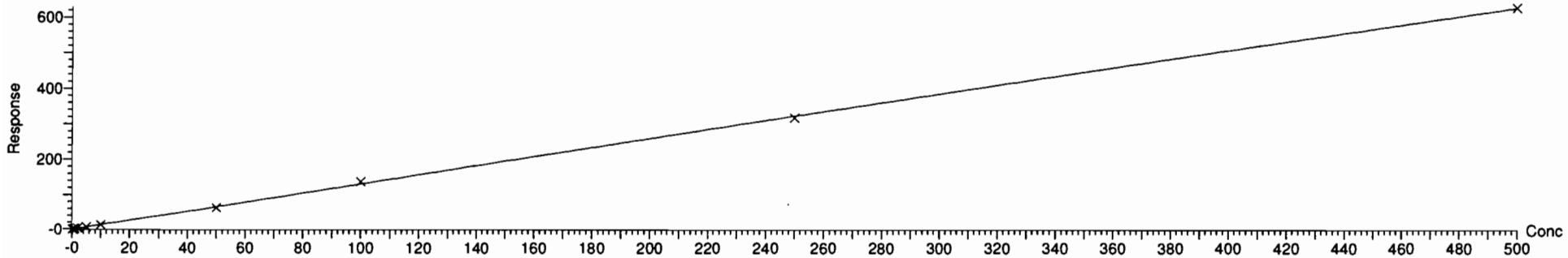
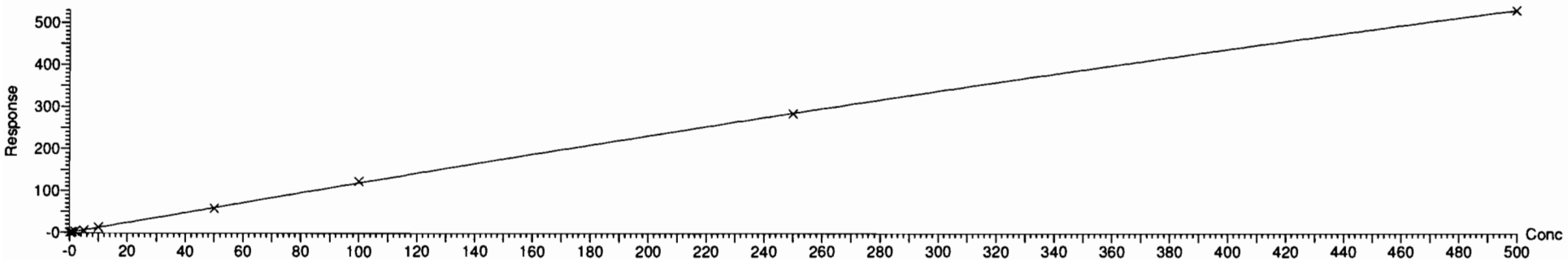
Compound name: PFNS
Coefficient of Determination: R^2 = 0.999393
Calibration curve: -0.000161375 * x^2 + 1.33537 * x + -0.0984438
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.999777
Calibration curve: -0.000326513 * x^2 + 1.22499 * x + -0.0565243
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
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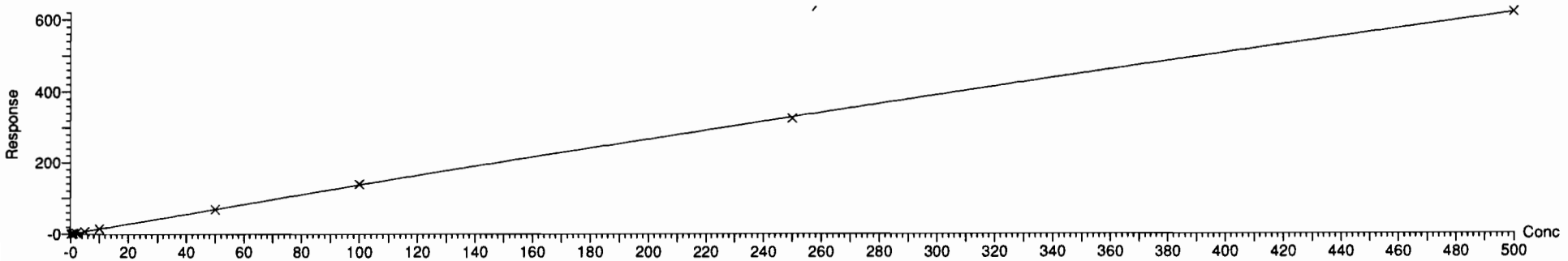
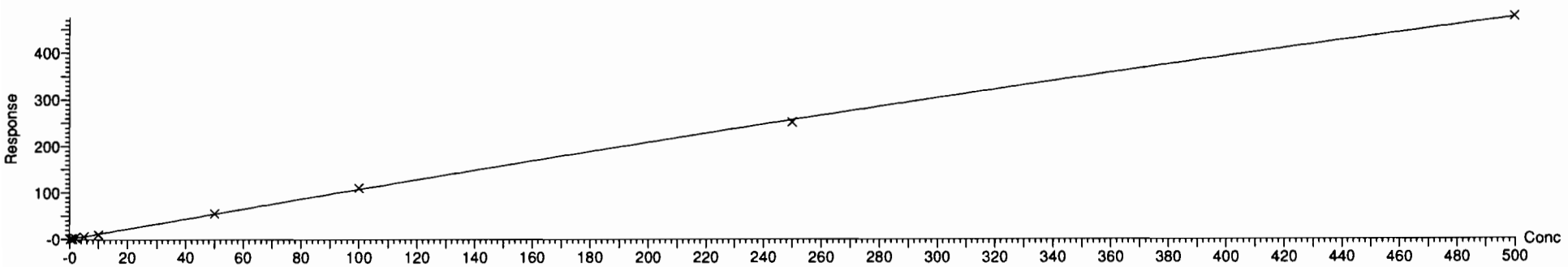
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_070620.mdb 07 Jul 2020 08:33:50
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_07-06-20.cdb 07 Jul 2020 09:00:31

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999878
Calibration curve: -0.000317928 * x^2 + 1.39659 * x + -0.0635925
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999582
Calibration curve: -0.000302944 * x^2 + 1.10094 * x + 0.0188328
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
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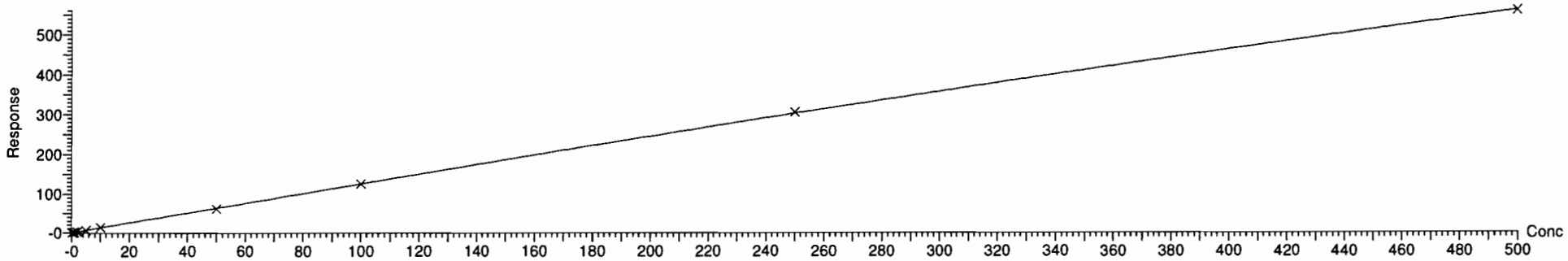
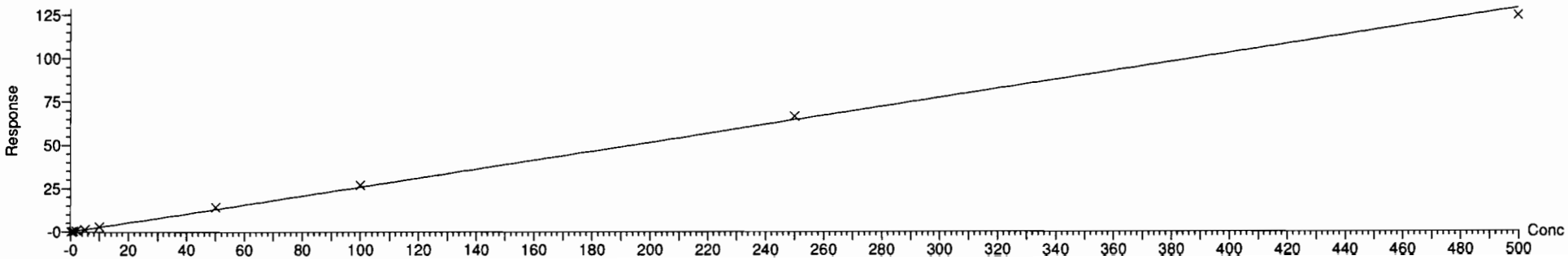
Compound name: PFDS
Coefficient of Determination: R^2 = 0.999869
Calibration curve: -0.000337564 * x^2 + 1.29291 * x + -0.129711
Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



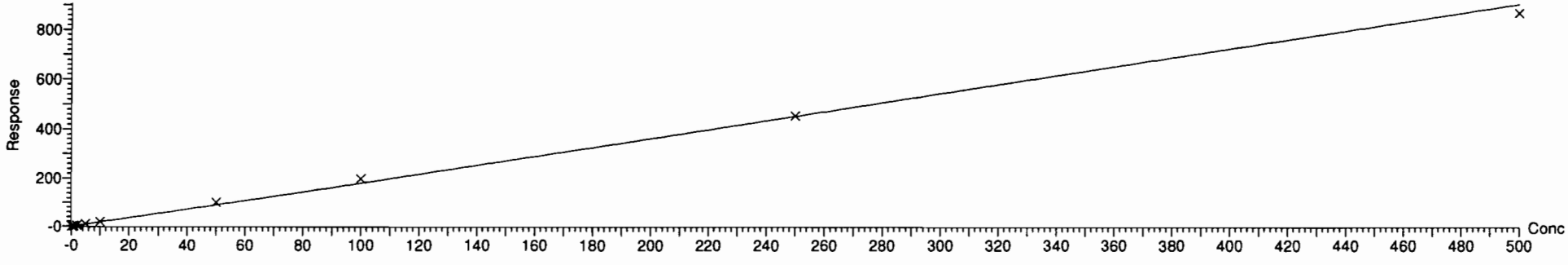
Compound name: 11Cl-PF30UdS
Correlation coefficient: r = 0.999153, r^2 = 0.998308
Calibration curve: 0.257476 * x + 0.00892294
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



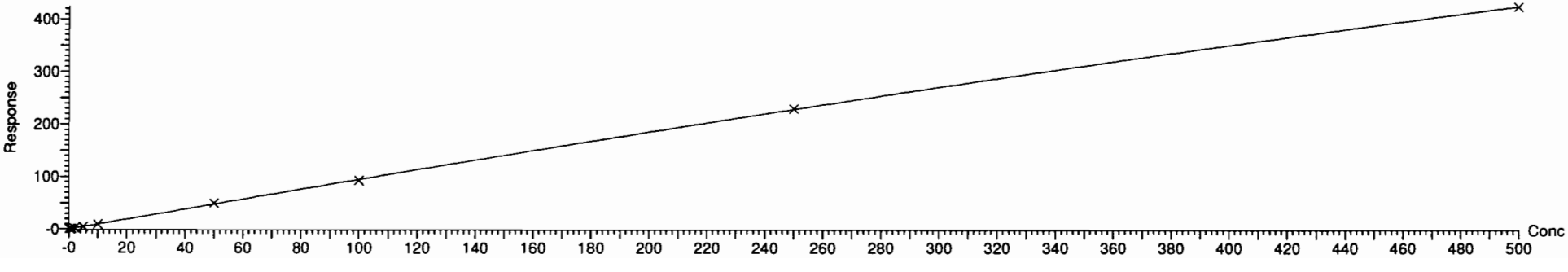
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:13:54 Pacific Daylight Time

Compound name: 10:2 FTS
Correlation coefficient: r = 0.998475, r^2 = 0.996952
Calibration curve: 1.81347 * x + 0.168501
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



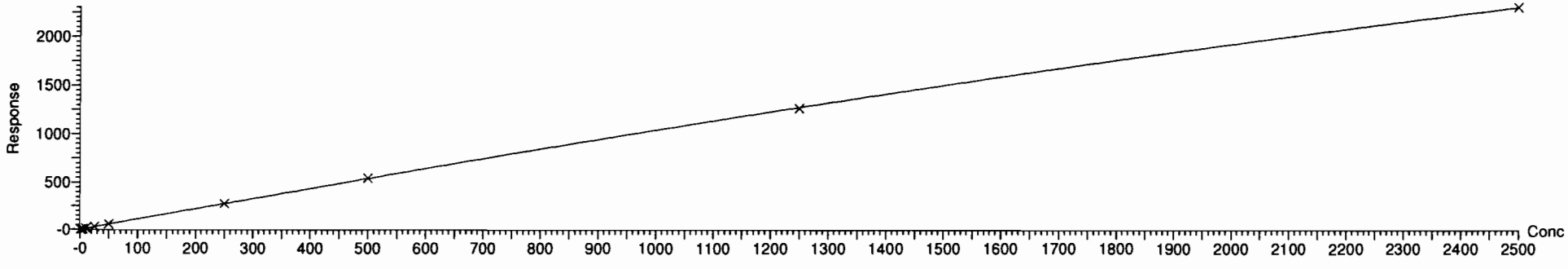
Compound name: PFDoA
Coefficient of Determination: R^2 = 0.999844
Calibration curve: -0.000264449 * x^2 + 0.982944 * x + 0.00539633
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



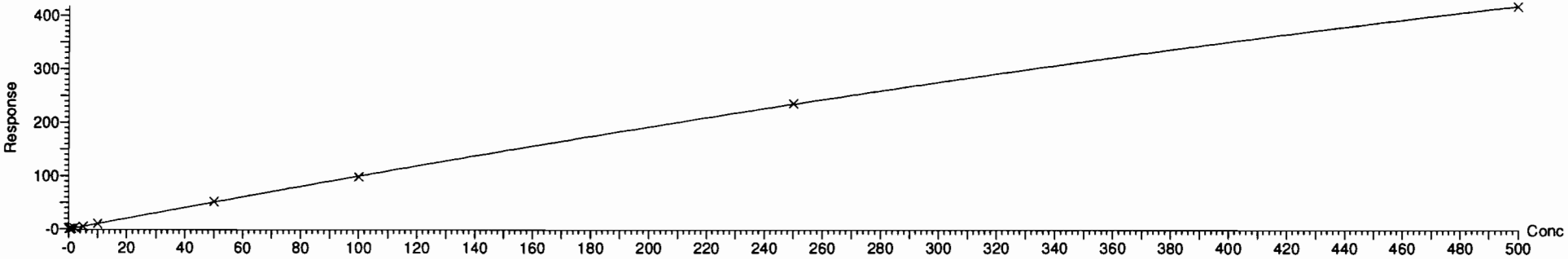
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:13:54 Pacific Daylight Time

Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999940
Calibration curve: -7.96999e-005 * x^2 + 1.12175 * x + 0.0605427
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.999936
Calibration curve: -0.000414303 * x^2 + 1.04415 * x + 0.00171537
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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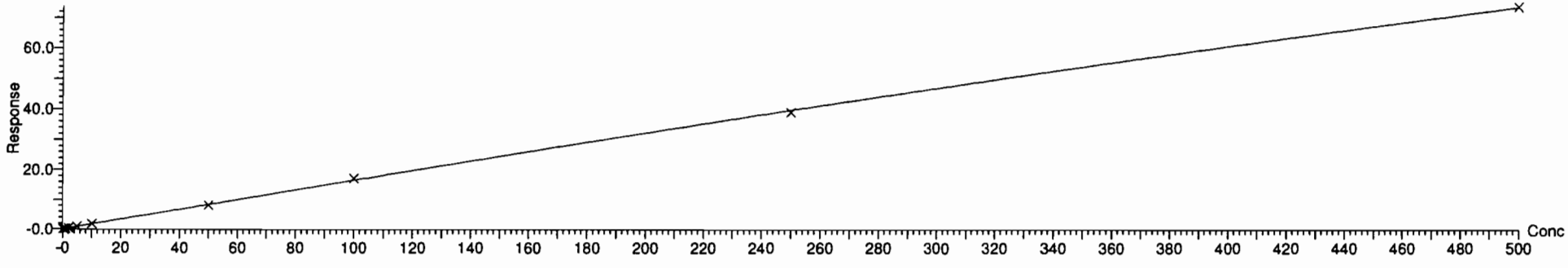
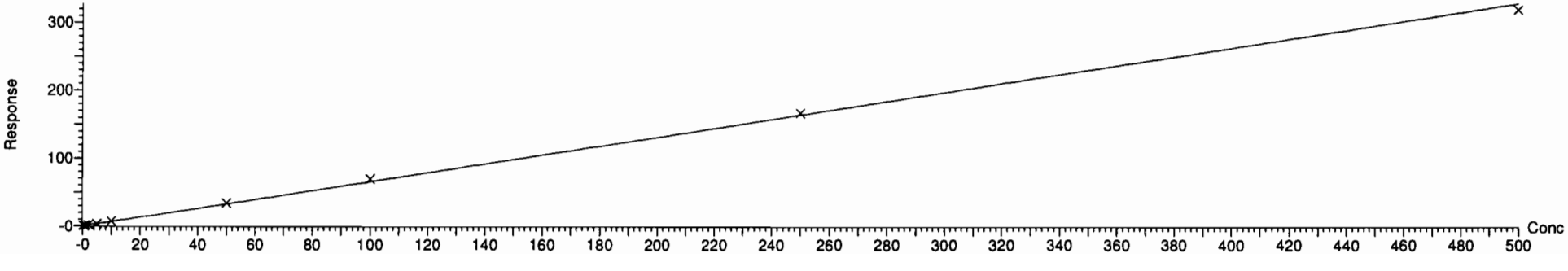
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:13:54 Pacific Daylight Time

Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999610
Calibration curve: -4.68396e-005 * x^2 + 0.17052 * x + -0.00392295
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



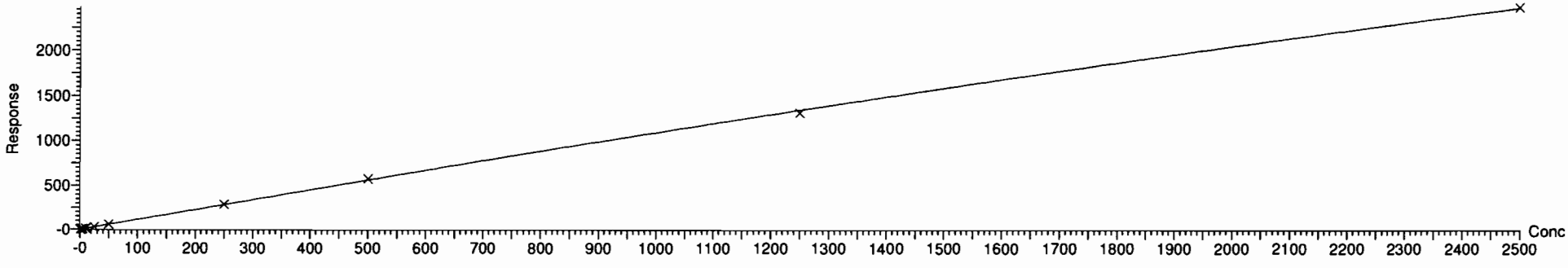
Compound name: PFTeDA
Correlation coefficient: r = 0.999411, r^2 = 0.998822
Calibration curve: 0.656798 * x + 0.0803604
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



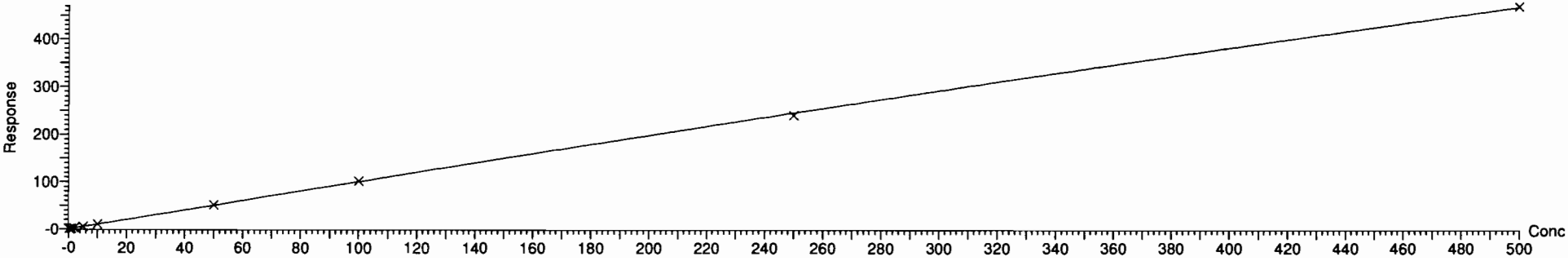
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:13:54 Pacific Daylight Time

Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999747
Calibration curve: -6.96201e-005 * x^2 + 1.16259 * x + -0.107454
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



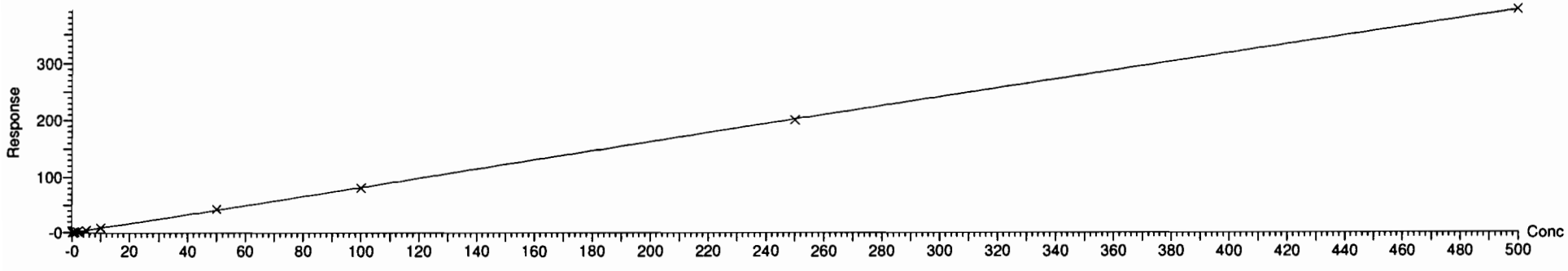
Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999789
Calibration curve: -0.000190466 * x^2 + 1.03254 * x + 0.163583
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



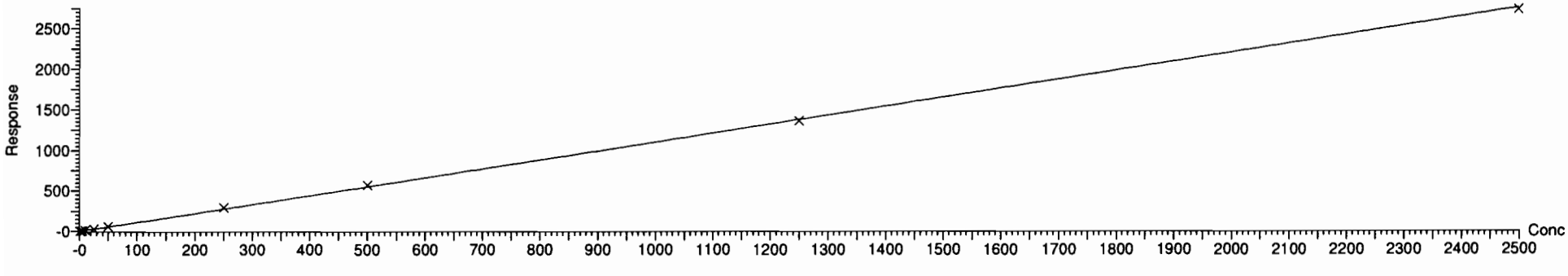
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:13:54 Pacific Daylight Time

Compound name: PFODA
Coefficient of Determination: R^2 = 0.999877
Calibration curve: -8.33174e-005 * x^2 + 0.828517 * x + 0.0120589
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: N-MeFOSE
Correlation coefficient: r = 0.999753, r^2 = 0.999506
Calibration curve: 1.10054 * x + 0.364944
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



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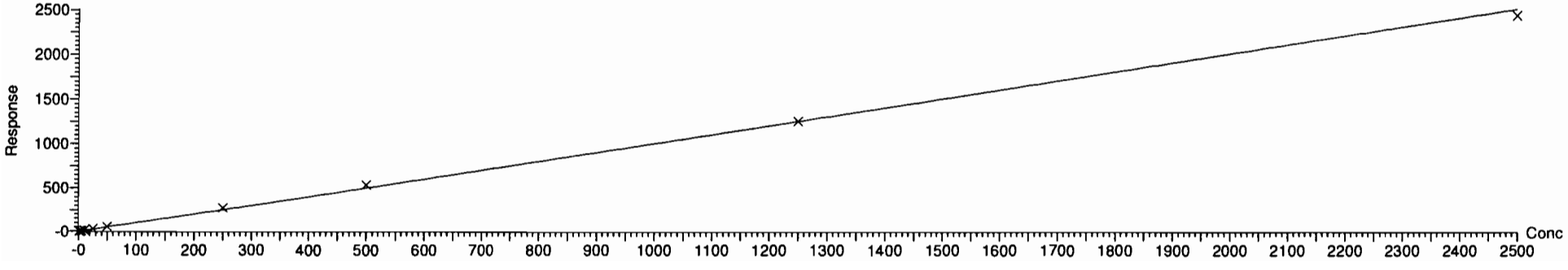
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 09:00:31 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 09:13:54 Pacific Daylight Time

Compound name: N-EtFOSE
Correlation coefficient: r = 0.999137, r^2 = 0.998274
Calibration curve: 1.00495 * x + 0.335204
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



Vista Analytical Laboratory

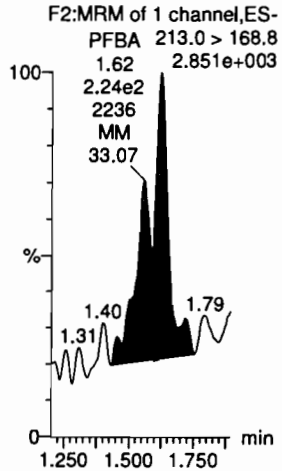
Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 08:33:52 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 08:34:06 Pacific Daylight Time

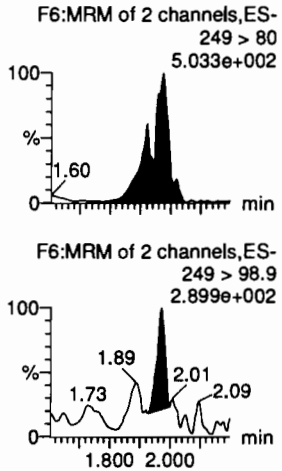
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_070620.mdb 07 Jul 2020 08:33:50
Calibration: 07 Jul 2020 08:33:21

Name: 200706P1-19, Date: 06-Jul-2020, Time: 13:13:57, ID: ST200706P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

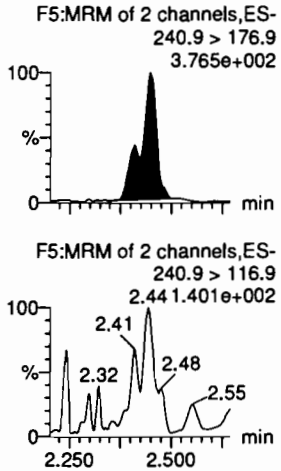
PFBA



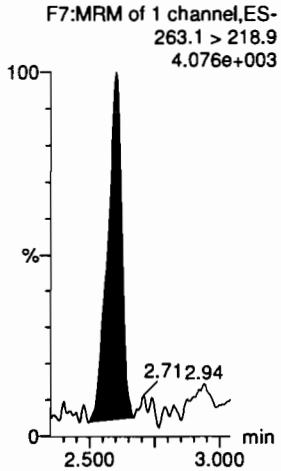
PFPrS



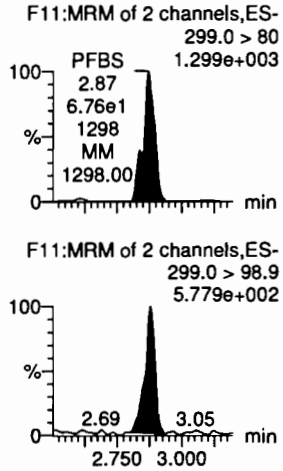
3:3 FTCA



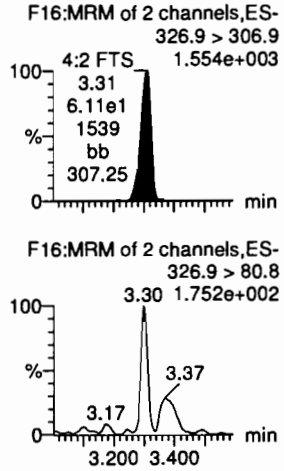
PFPeA



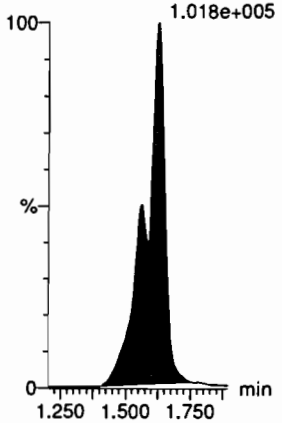
PFBS



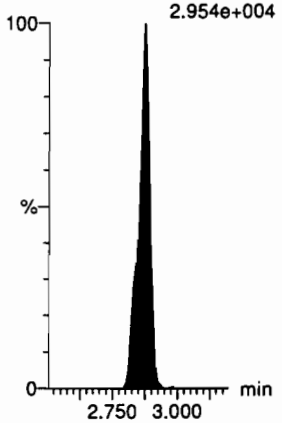
4:2 FTS



13C3-PFBA-EIS



13C3-PFBS-EIS



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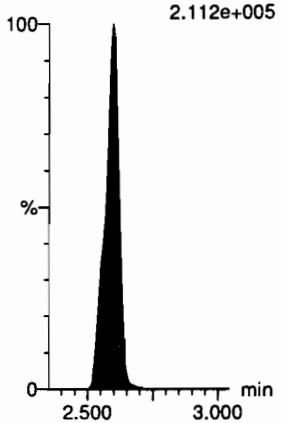

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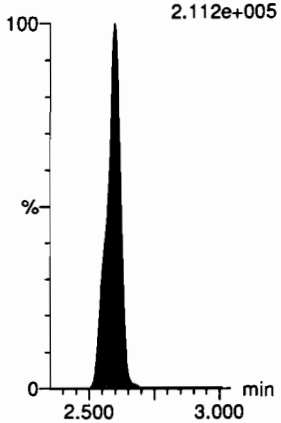

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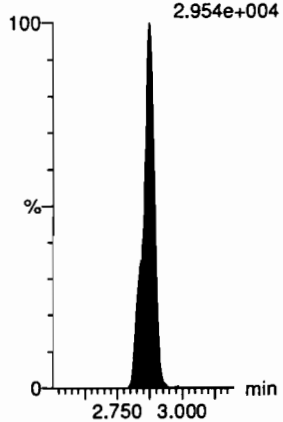
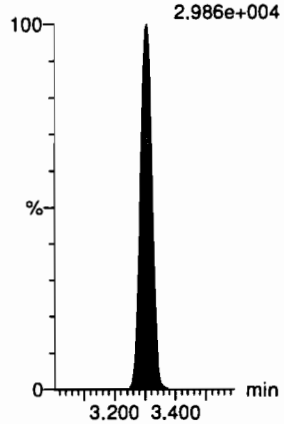


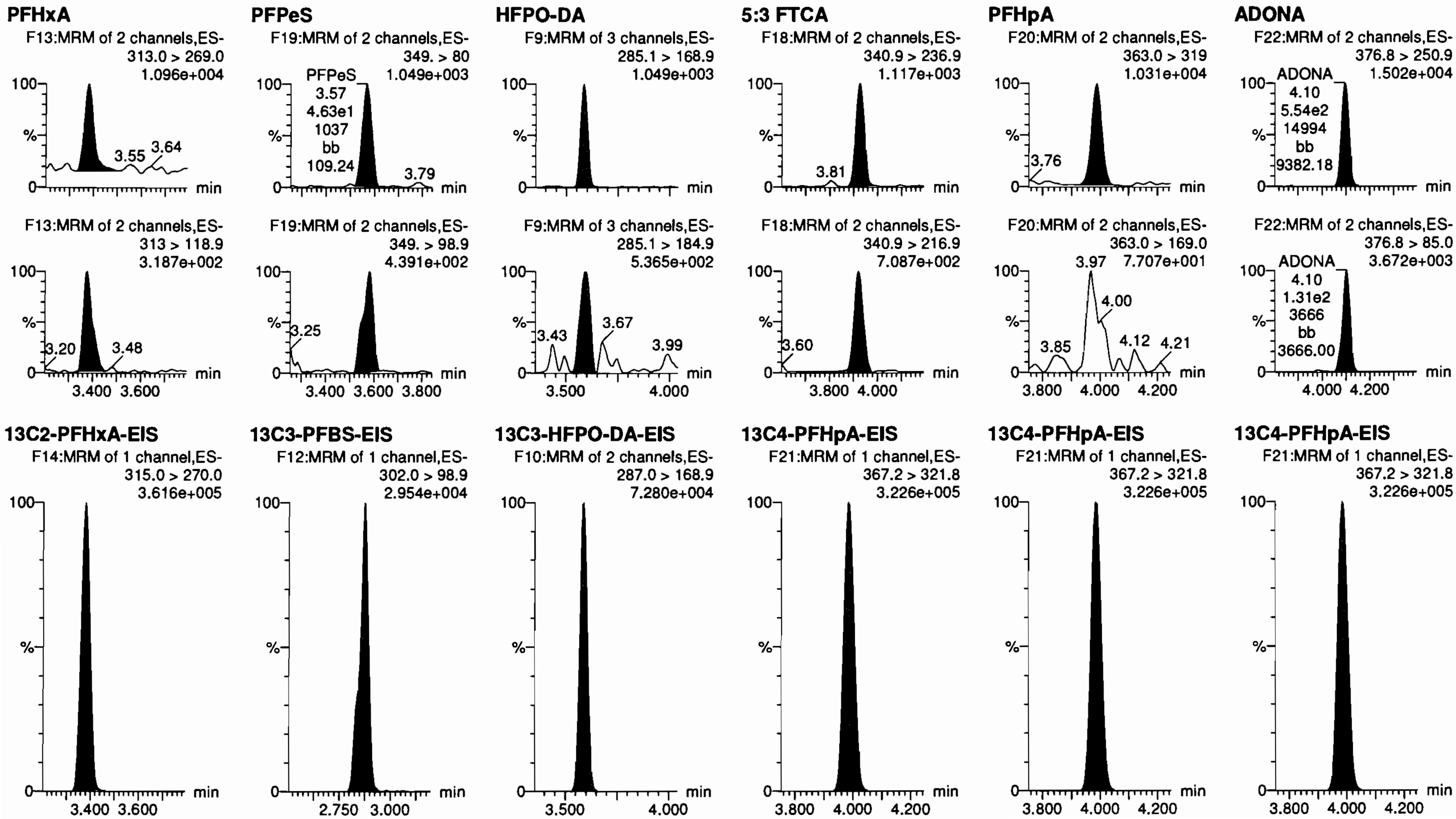
13C2-4:2 FTS-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

Last Altered: Tuesday, July 07, 2020 08:33:52 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 08:34:06 Pacific Daylight Time

Name: 200706P1-19, Date: 06-Jul-2020, Time: 13:13:57, ID: ST200706P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901



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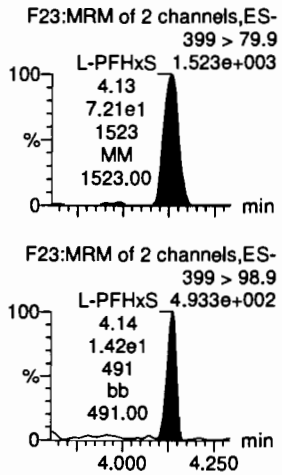
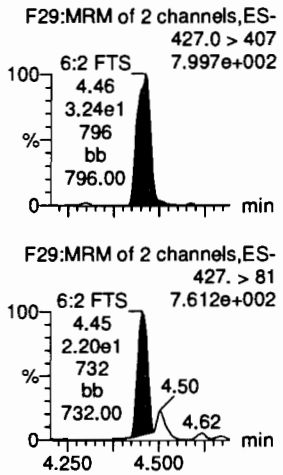
Printed: Tuesday, July 07, 2020 08:34:06 Pacific Daylight Time

Name: 200706P1-19, Date: 06-Jul-2020, Time: 13:13:57, ID: ST200706P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

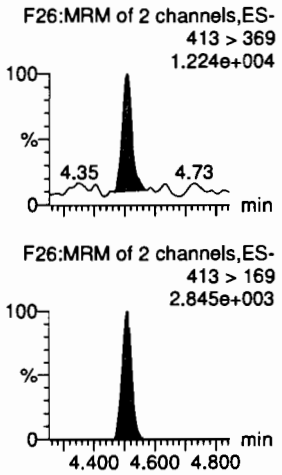
L-PFHxS



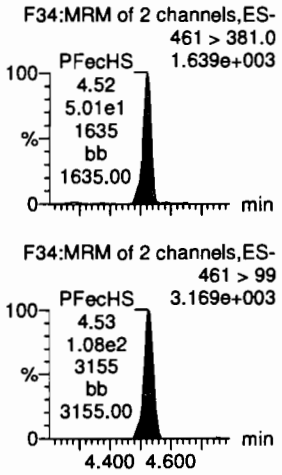
6:2 FTS



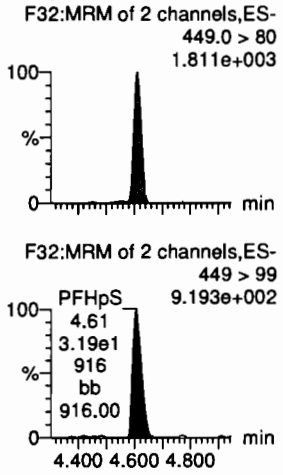
L-PFOA



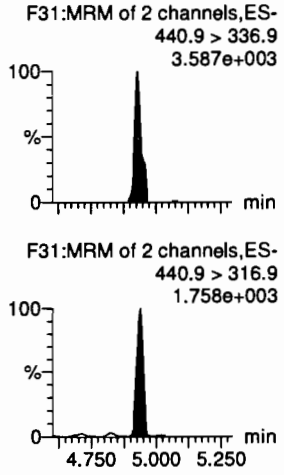
PFEChS



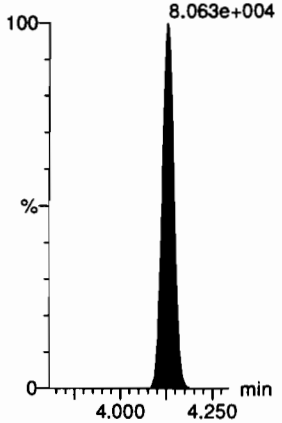
PFHpS



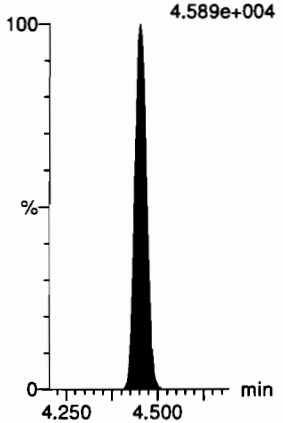
7:3 FTCA



13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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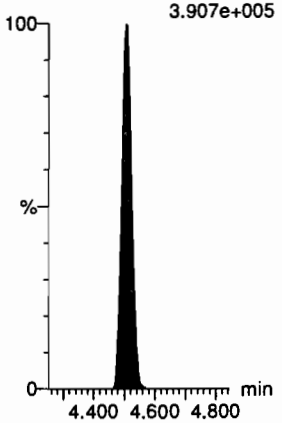

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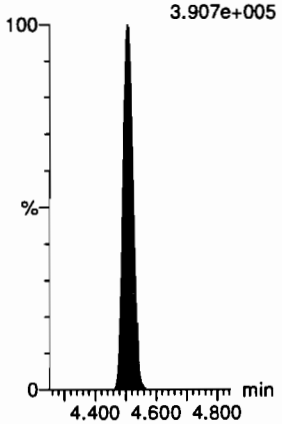
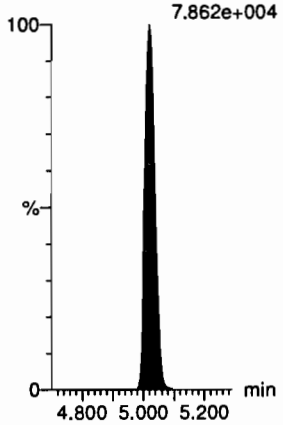
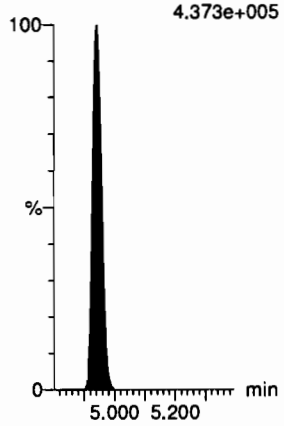


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200706P1-19, Date: 06-Jul-2020, Time: 13:13:57, ID: ST200706P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

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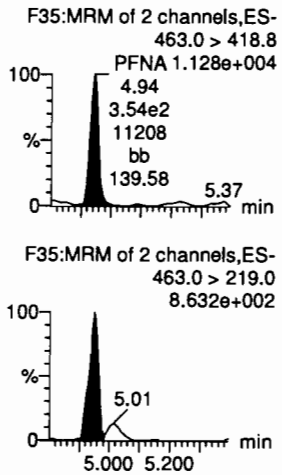
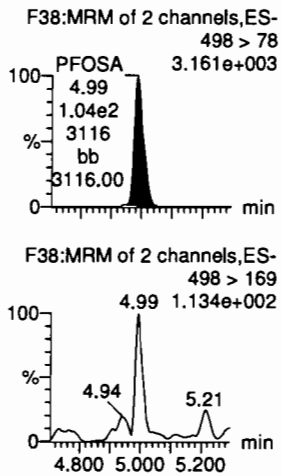
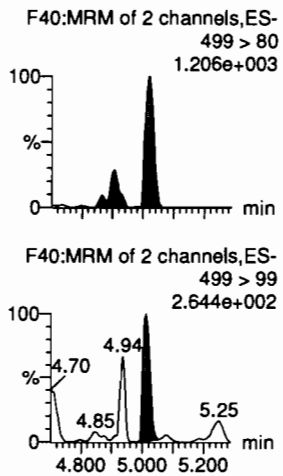


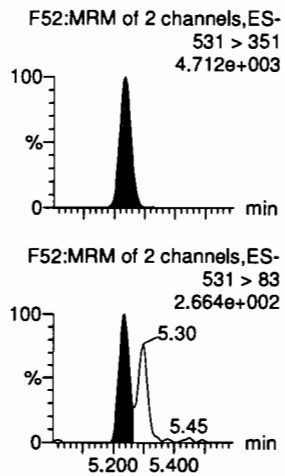
PFOSA



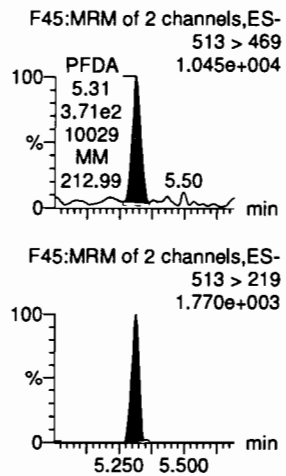
L-PFOS



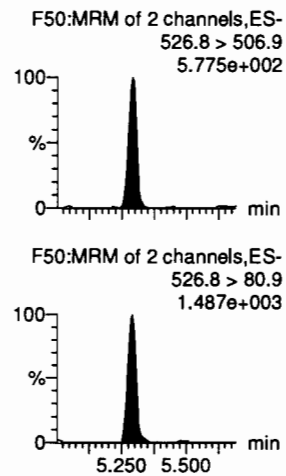
9Cl-PF30NS



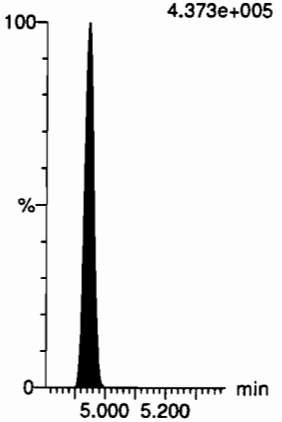
PFDA



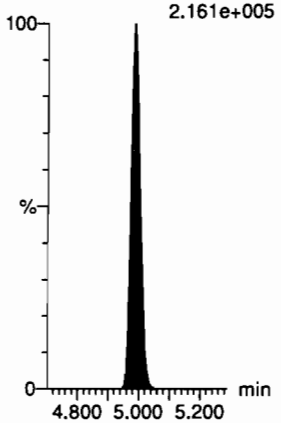
8:2 FTS



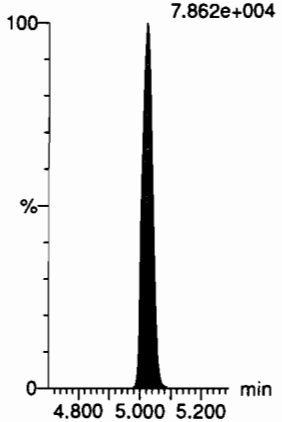
13C5-PFNA-EIS



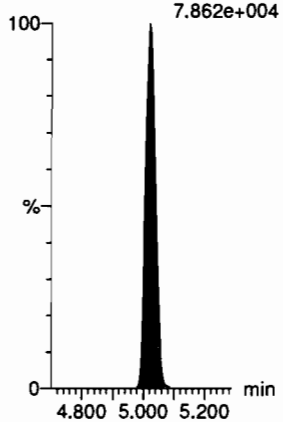
13C8-PFOSA-EIS



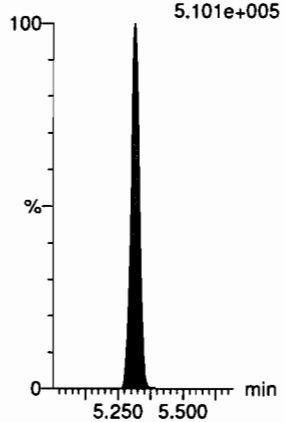
13C8-PFOS-EIS



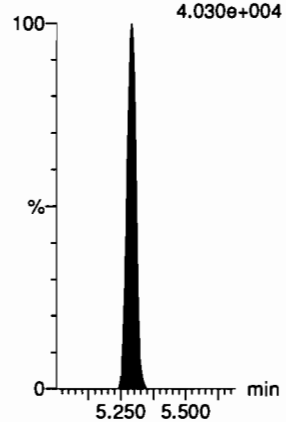
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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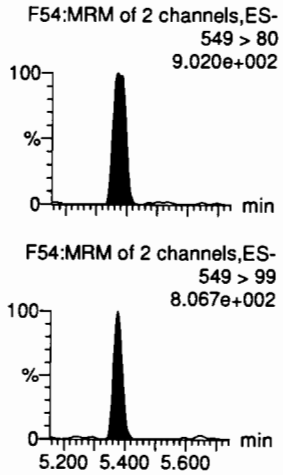
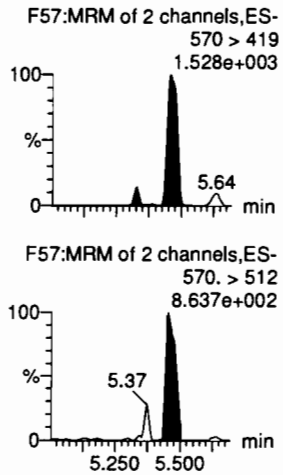
Name: 200706P1-19, Date: 06-Jul-2020, Time: 13:13:57, ID: ST200706P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

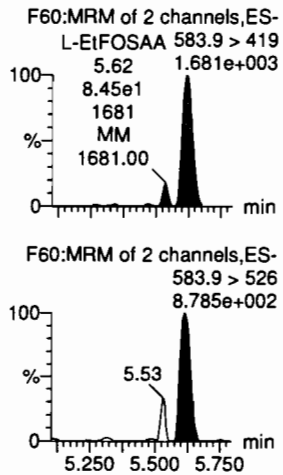
PFNS



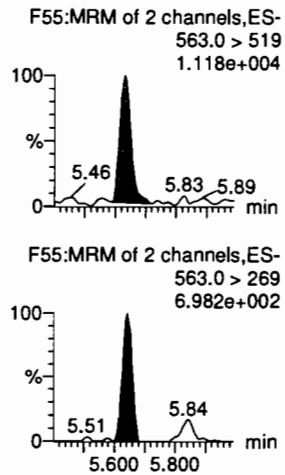
L-MeFOSAA



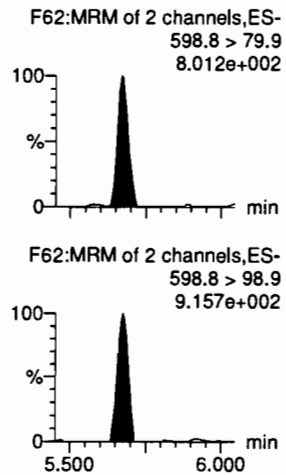
L-EtFOSAA



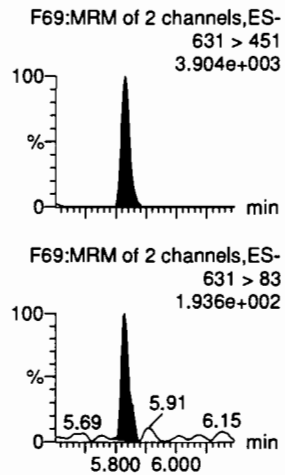
PFUdA



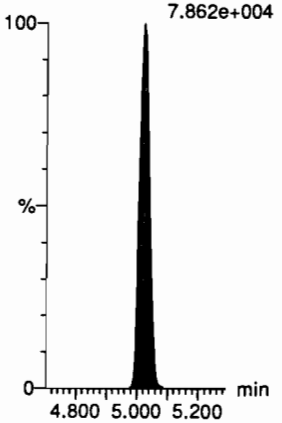
PFDS



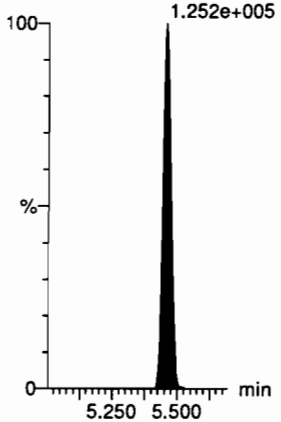
11Cl-PF30UdS



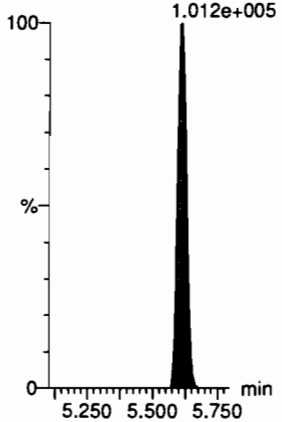
13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



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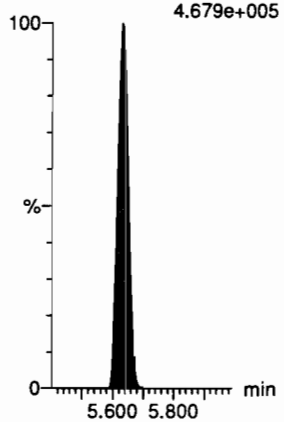
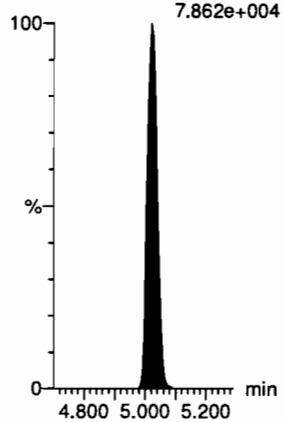
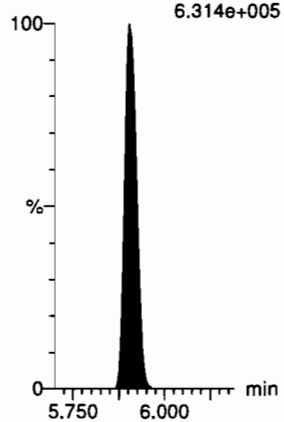


13C8-PFOS-EIS



13C2-PFDoA-EIS



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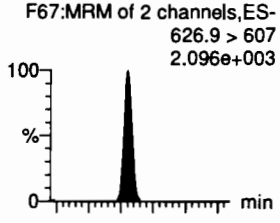
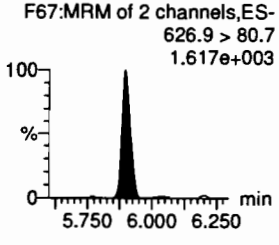
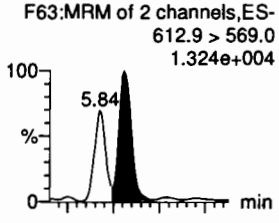
Name: 200706P1-19, Date: 06-Jul-2020, Time: 13:13:57, ID: ST200706P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

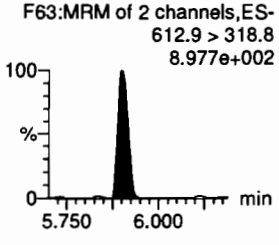
10:2 FTS



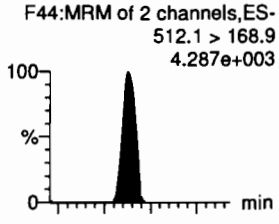


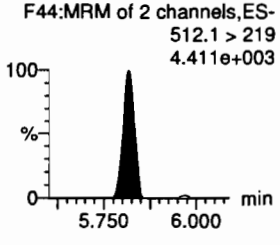
PFDoA



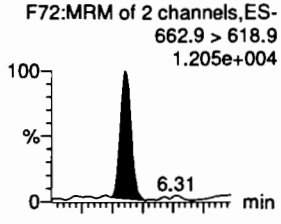


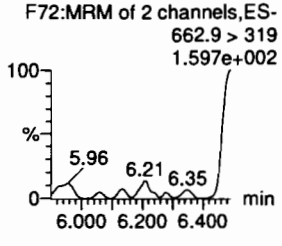
N-MeFOSA



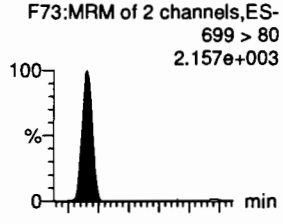


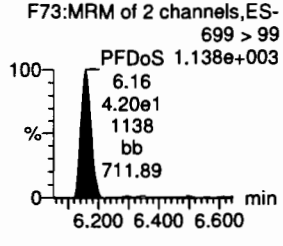
PFTrDA



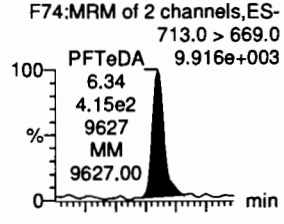


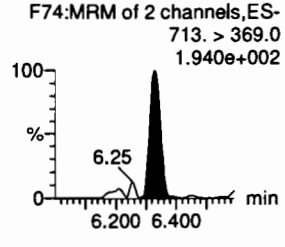
PFDoS



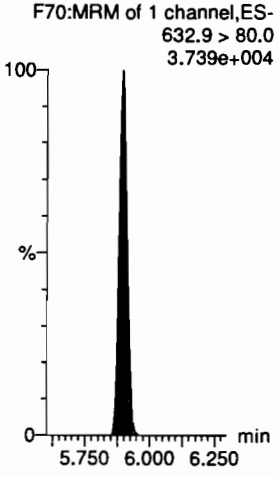


PFTeDA

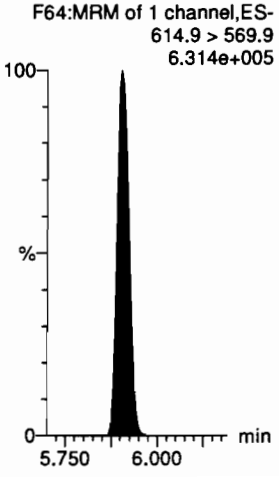




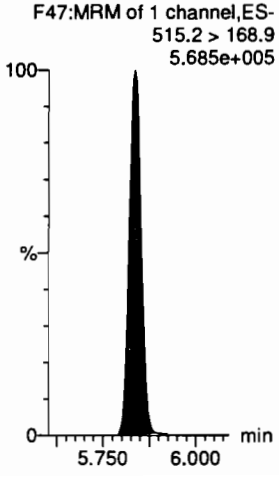
13C2-10:2 FTS-EIS



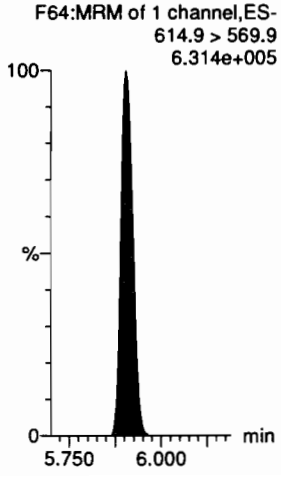
13C2-PFDoA-EIS



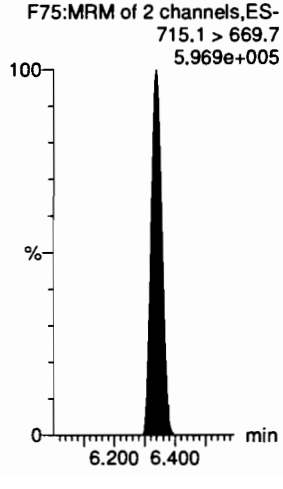
d3-N-MeFOSA-EIS



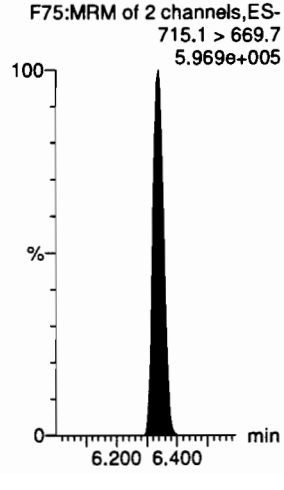
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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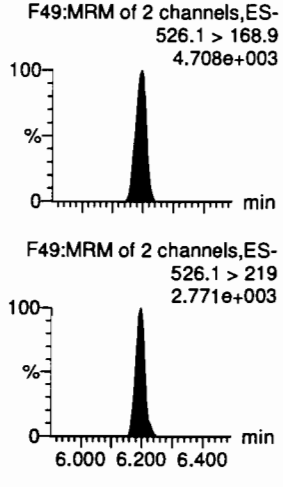
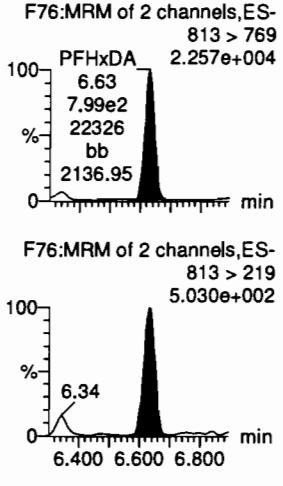
Name: 200706P1-19, Date: 06-Jul-2020, Time: 13:13:57, ID: ST200706P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

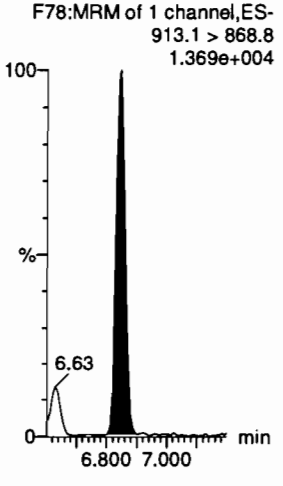
N-EtFOSA



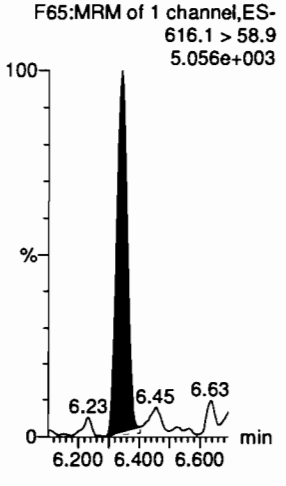
PFHxDA



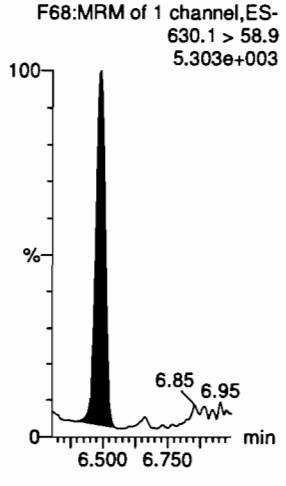
PFODA



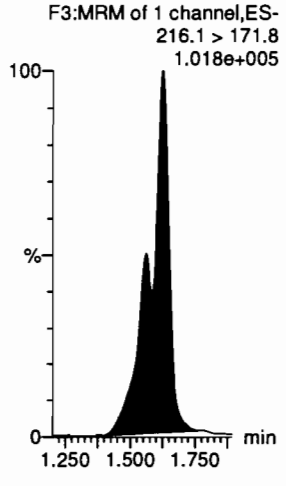
N-MeFOSE



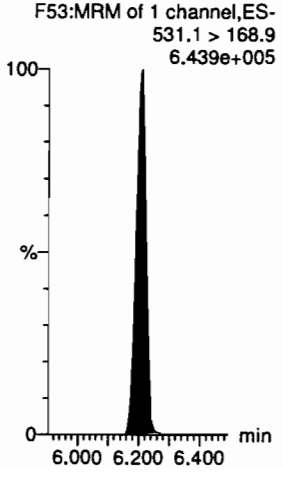
N-EtFOSE



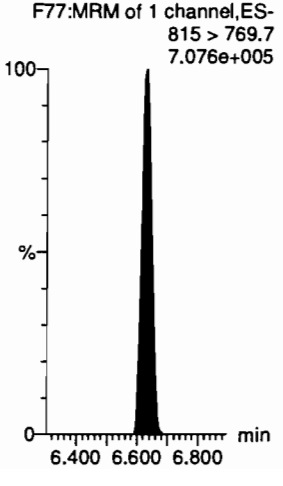
13C3-PFBA-RSD



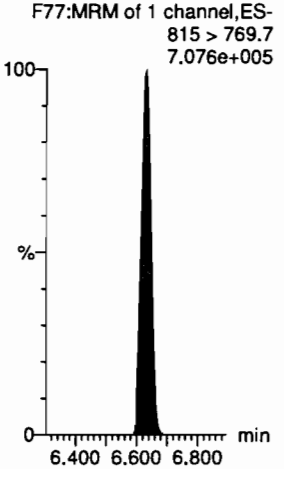
d5-N-ETFOSA-EIS



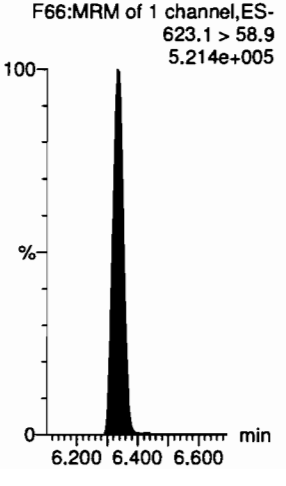
13C2-PFHxDA-EIS



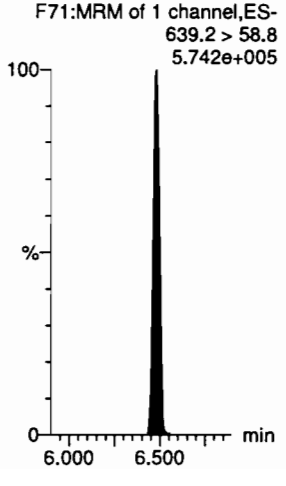
13C2-PFHxDA-EIS



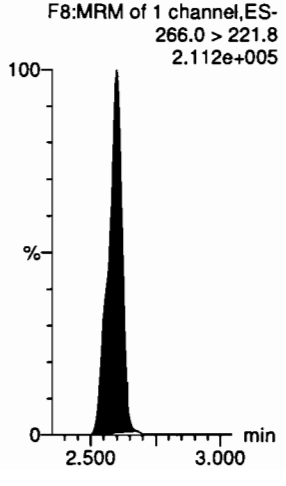
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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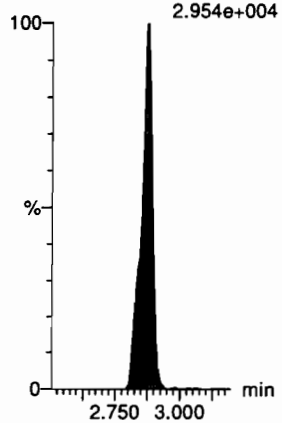
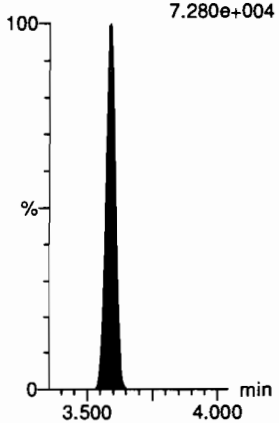
Name: 200706P1-19, Date: 06-Jul-2020, Time: 13:13:57, ID: ST200706P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

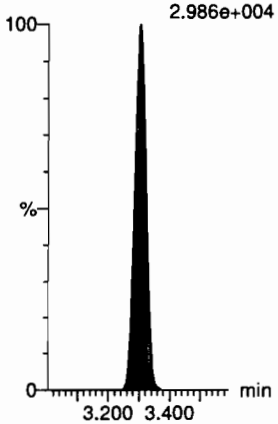
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.954e+004



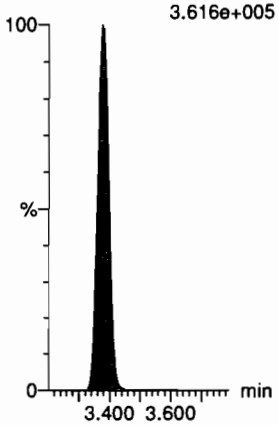
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
7.280e+004



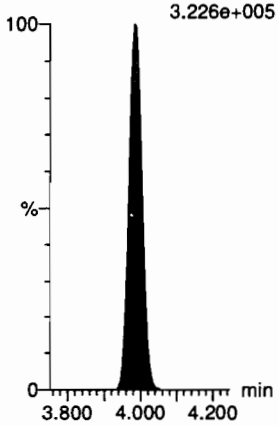
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
2.986e+004



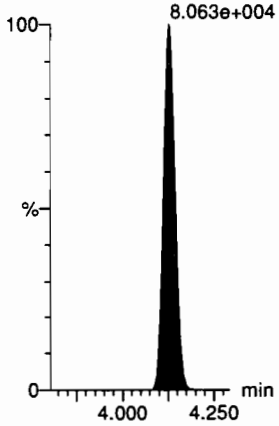
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.616e+005



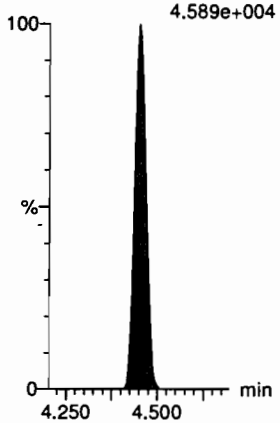
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.226e+005



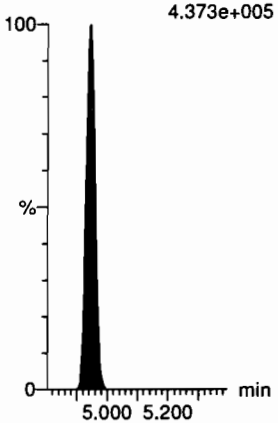
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
8.063e+004



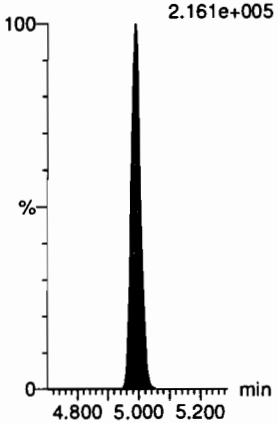
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.589e+004



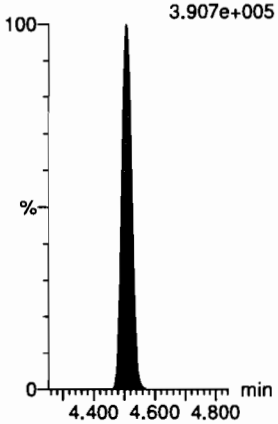
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.373e+005



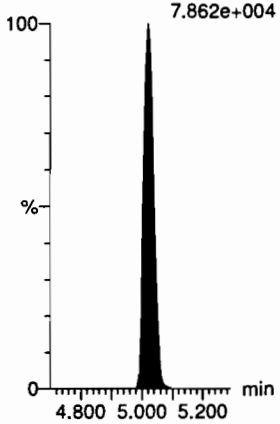
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
2.161e+005



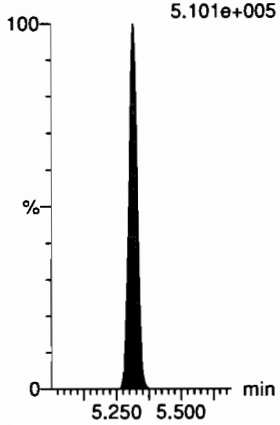
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.907e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
7.862e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.101e+005



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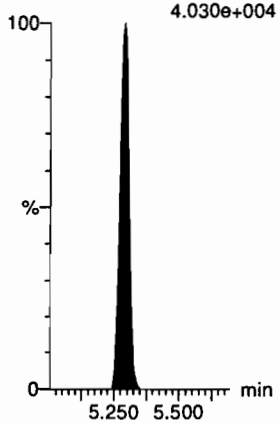
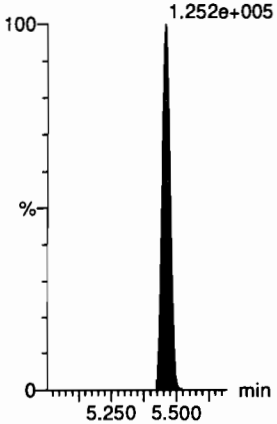
Name: 200706P1-19, Date: 06-Jul-2020, Time: 13:13:57, ID: ST200706P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

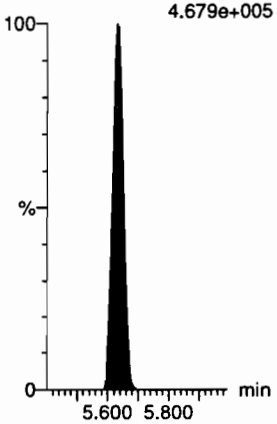
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
4.030e+004



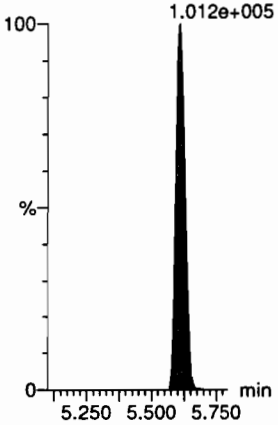
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.252e+005



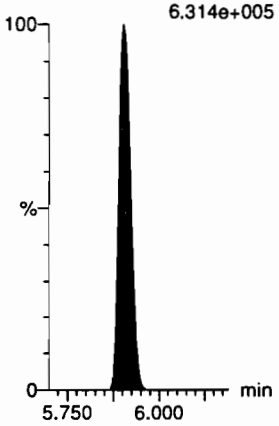
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.679e+005



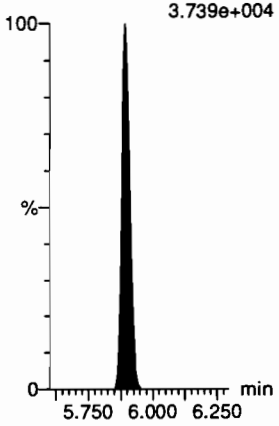
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.012e+005



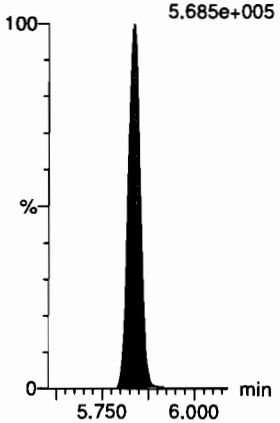
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
6.314e+005



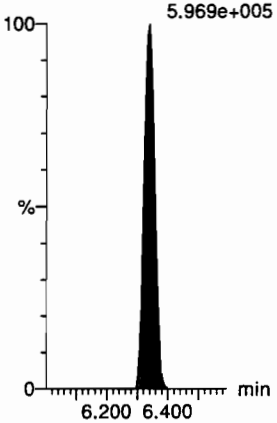
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
3.739e+004



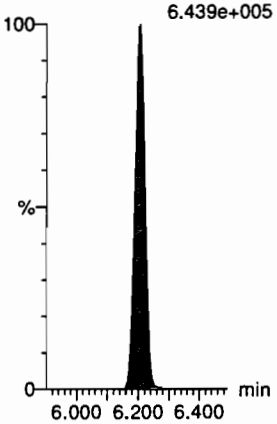
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.685e+005



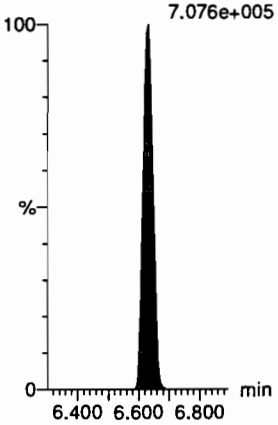
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.969e+005



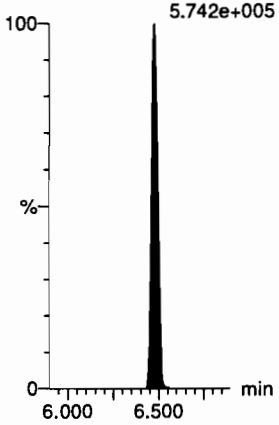
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.439e+005



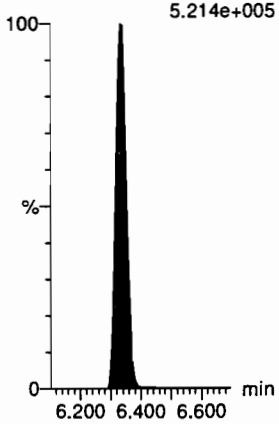
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.076e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
5.742e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
5.214e+005



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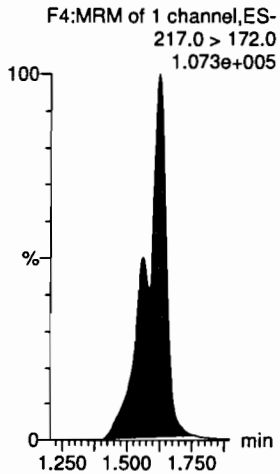
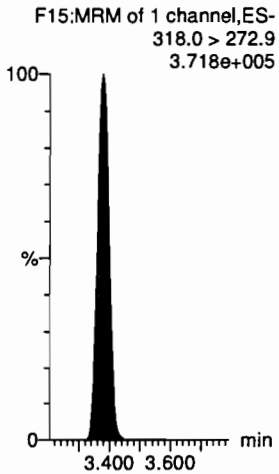
Name: 200706P1-19, Date: 06-Jul-2020, Time: 13:13:57, ID: ST200706P1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

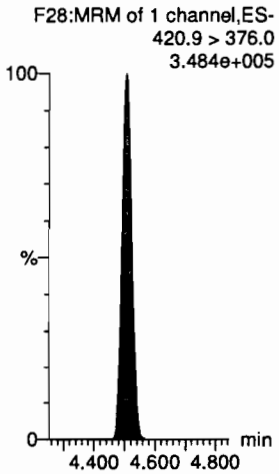
13C4-PFBA



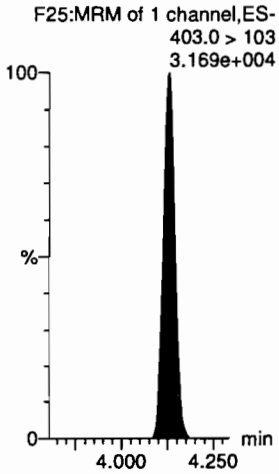
13C5-PFHxA



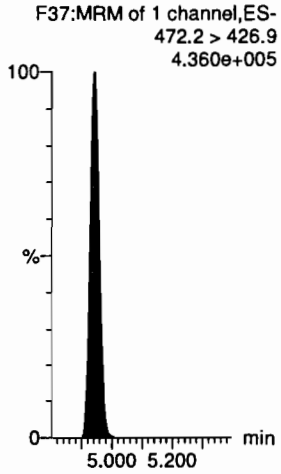
13C8-PFOA



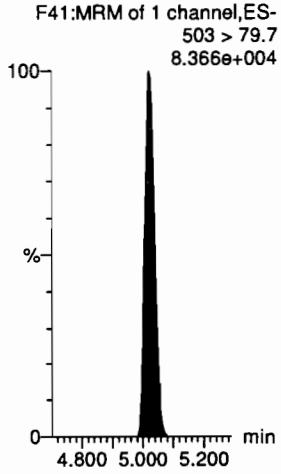
18O2-PFHxS



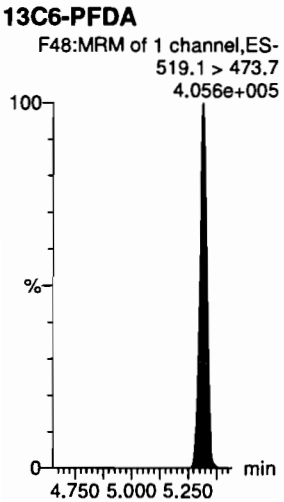
13C9-PFNA



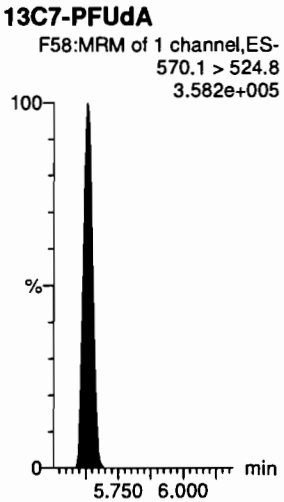
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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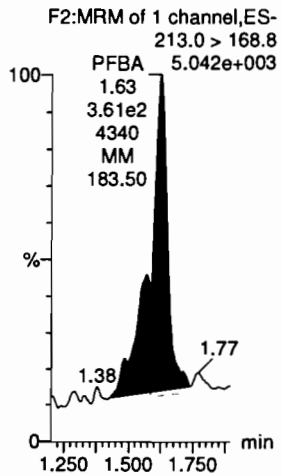
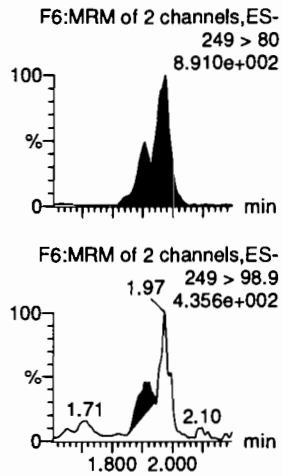
Name: 200706P1-20, Date: 06-Jul-2020, Time: 13:24:27, ID: ST200706P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

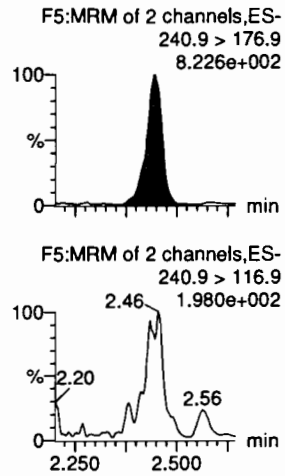
PFBA



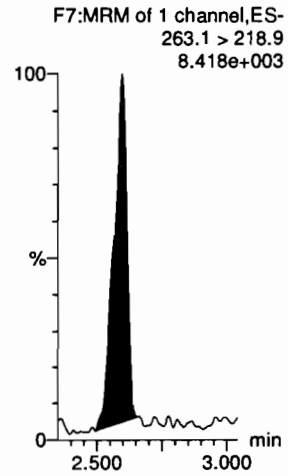
PFPrS



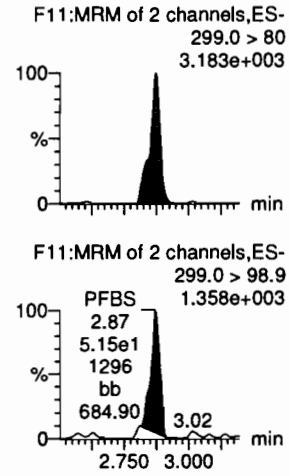
3:3 FTCA



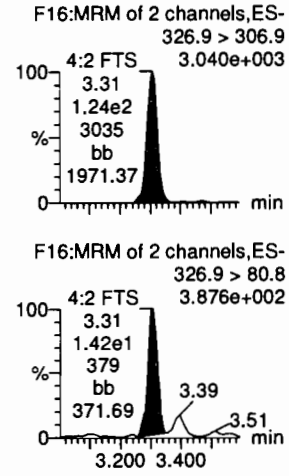
PFPeA



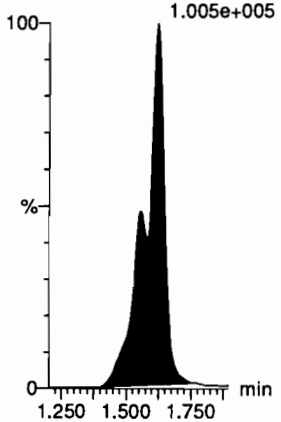
PFBS



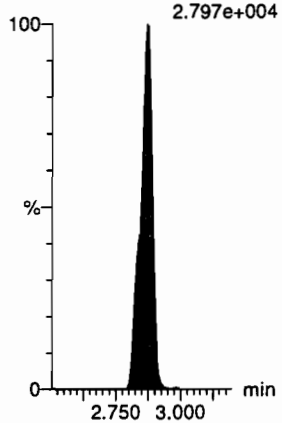
4:2 FTS



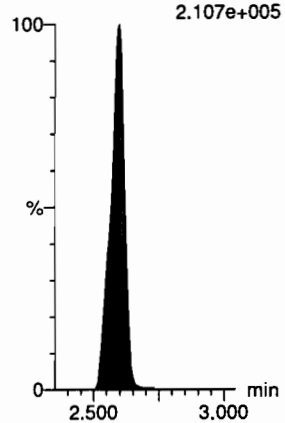
13C3-PFBA-EIS



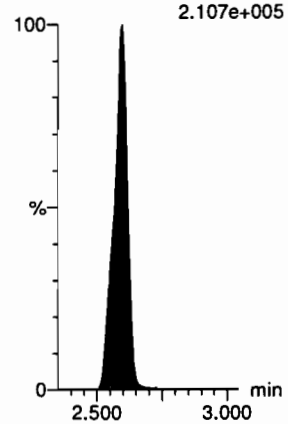
13C3-PFBS-EIS



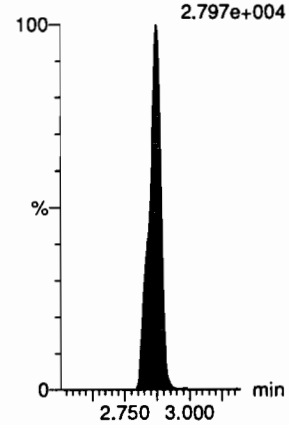
13C3-PFPeA-EIS



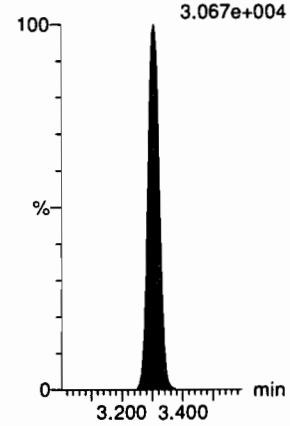
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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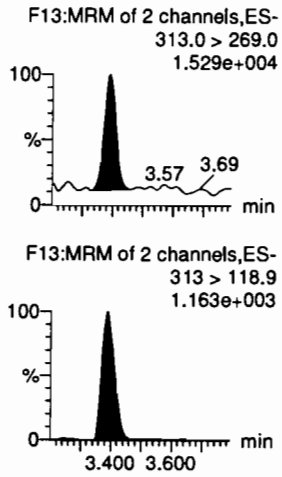
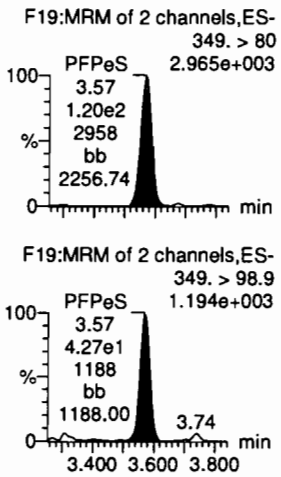
Name: 200706P1-20, Date: 06-Jul-2020, Time: 13:24:27, ID: ST200706P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

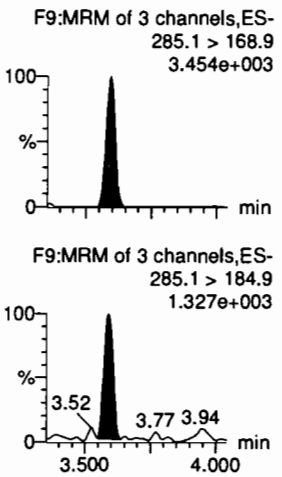
PFHxA



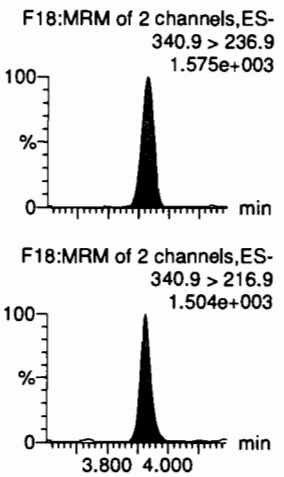
PFPeS



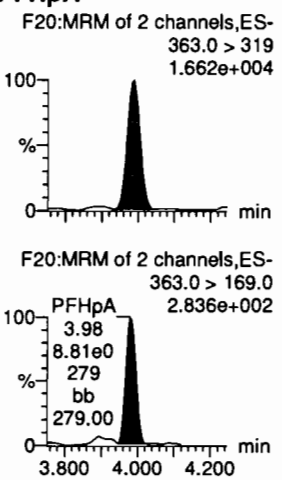
HFPO-DA



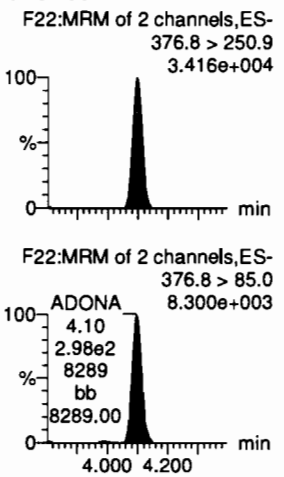
5:3 FTCA



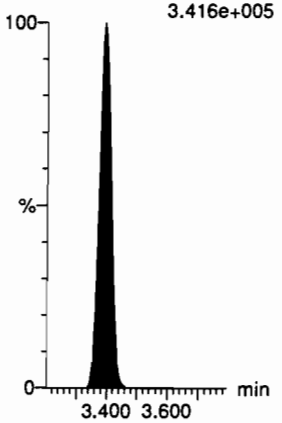
PFHpA



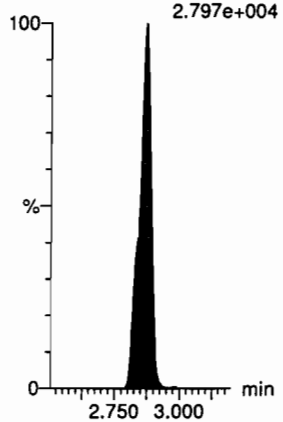
ADONA



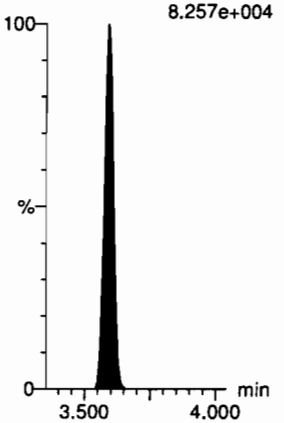
13C2-PFHxA-EIS



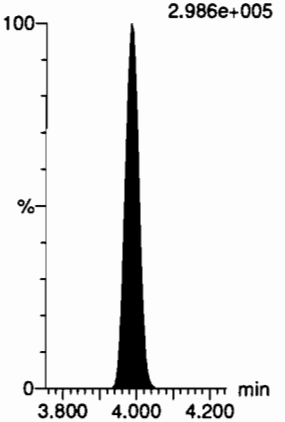
13C3-PFBS-EIS



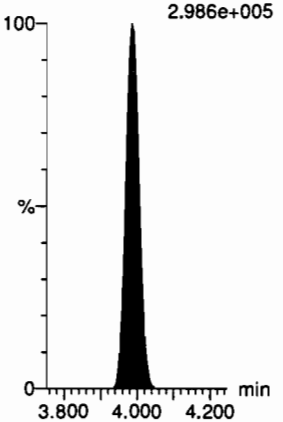
13C3-HFPO-DA-EIS



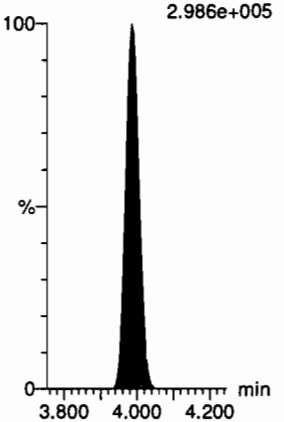
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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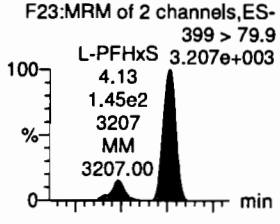
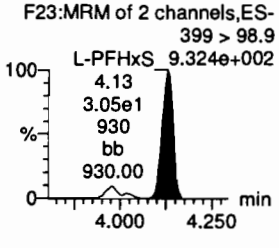
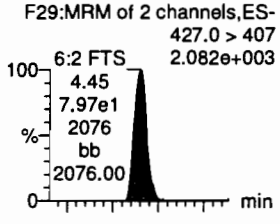
Name: 200706P1-20, Date: 06-Jul-2020, Time: 13:24:27, ID: ST200706P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

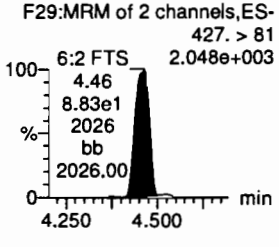
L-PFHxS



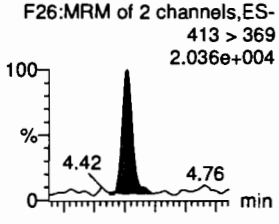


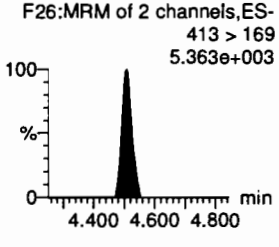
6:2 FTS



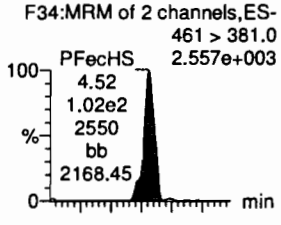


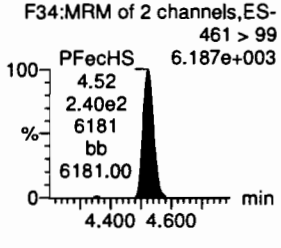
L-PFOA



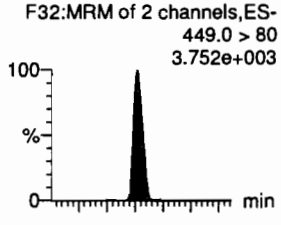


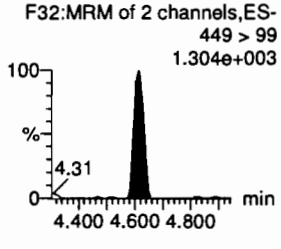
PFEChS



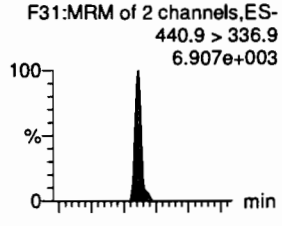


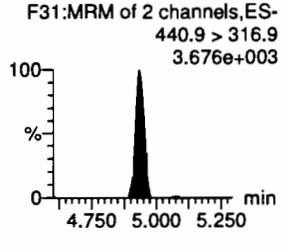
PFHpS



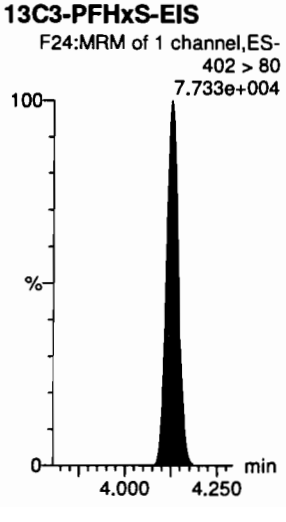


7:3 FTCA

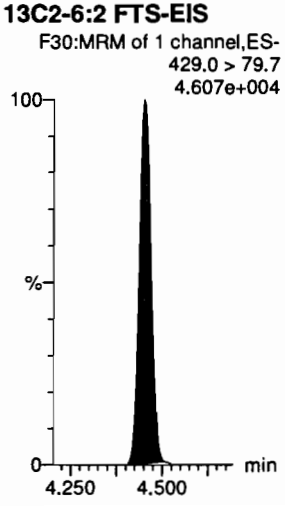




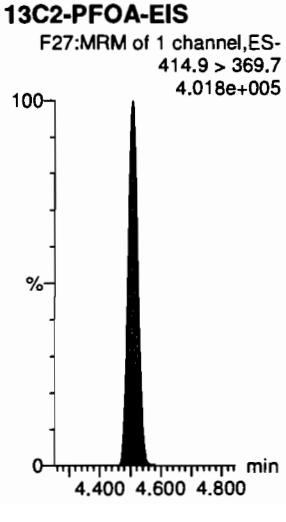
13C3-PFHxS-EIS



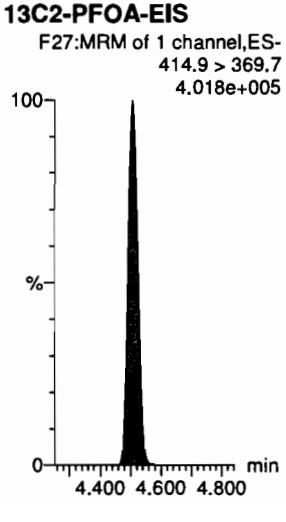
13C2-6:2 FTS-EIS



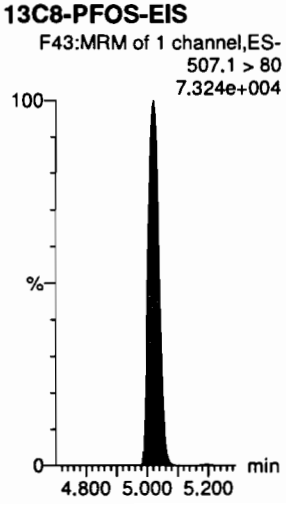
13C2-PFOA-EIS



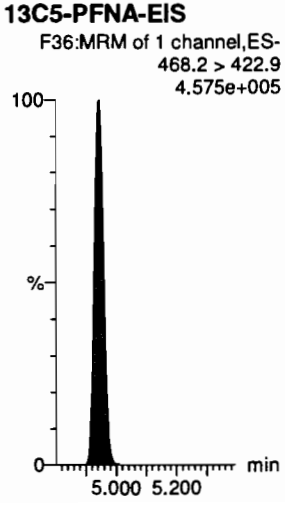
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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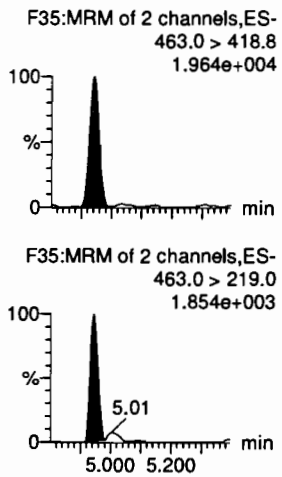
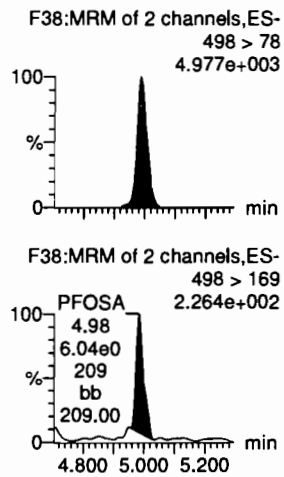
Name: 200706P1-20, Date: 06-Jul-2020, Time: 13:24:27, ID: ST200706P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

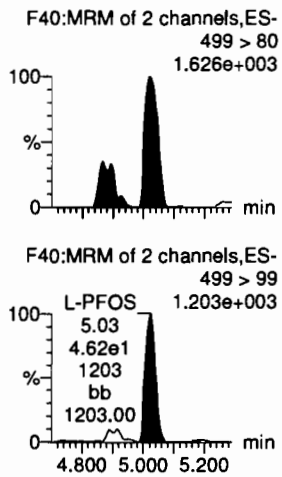
PFNA



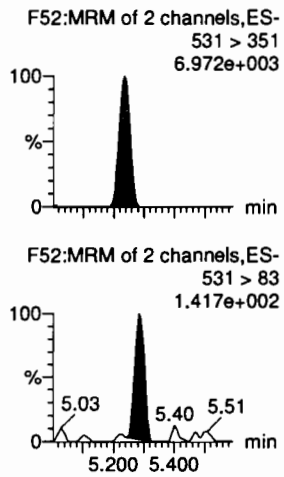
PFOSA



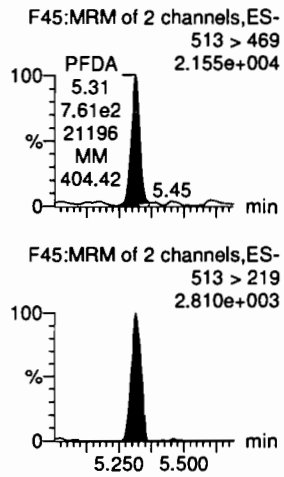
L-PFOS



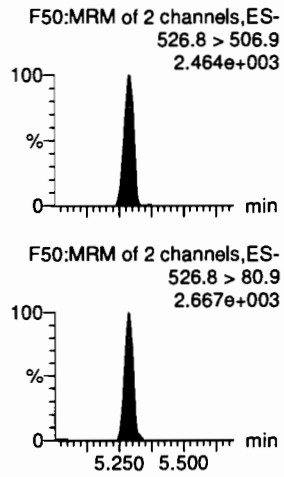
9Cl-PF30NS



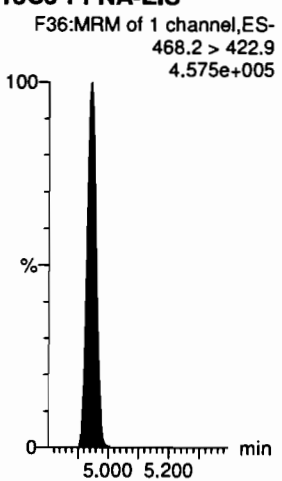
PFDA



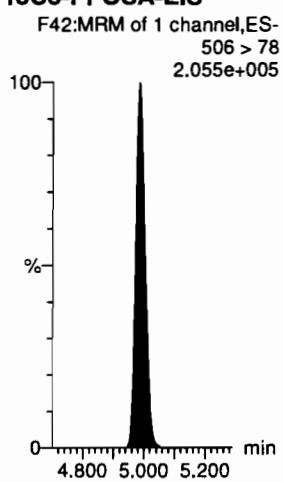
8:2 FTS



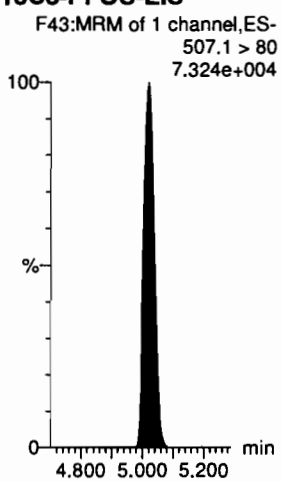
13C5-PFNA-EIS



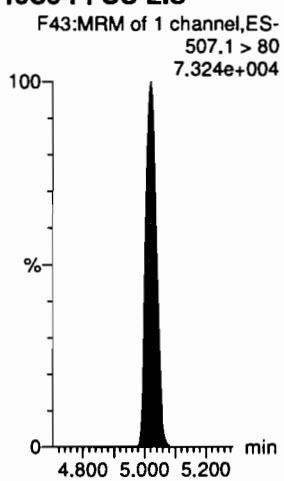
13C8-PFOSA-EIS



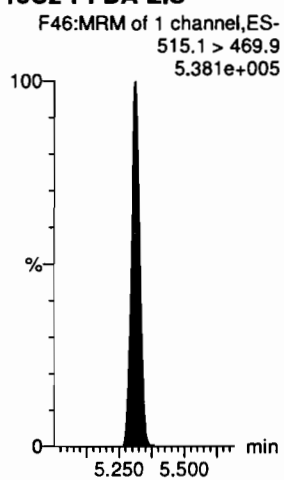
13C8-PFOS-EIS



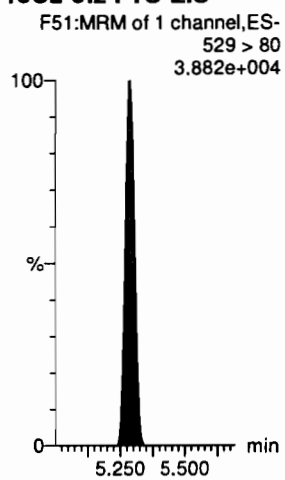
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

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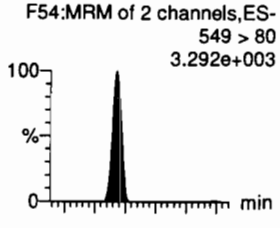
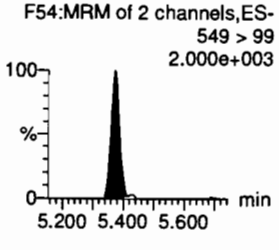
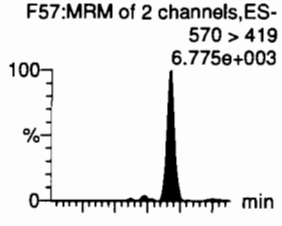
Name: 200706P1-20, Date: 06-Jul-2020, Time: 13:24:27, ID: ST200706P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

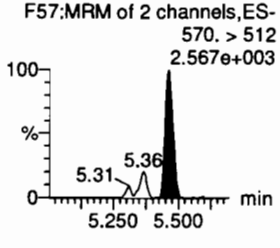
PFNS





L-MeFOSAA





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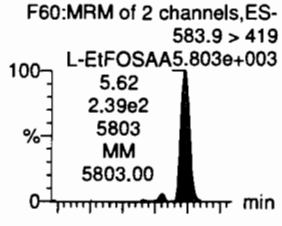
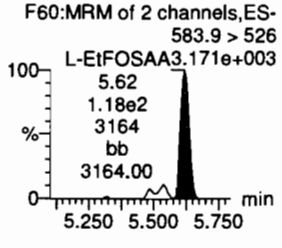
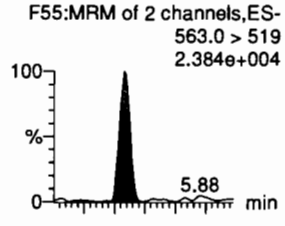
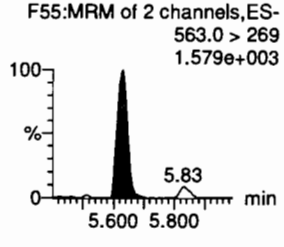


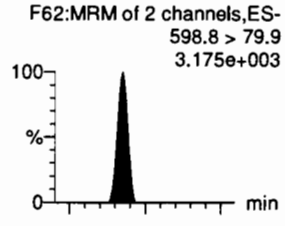


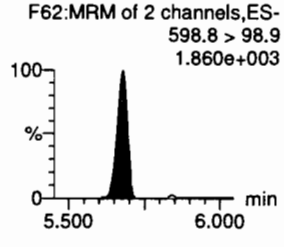
PFUdA



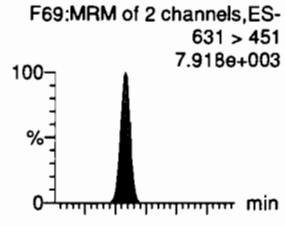


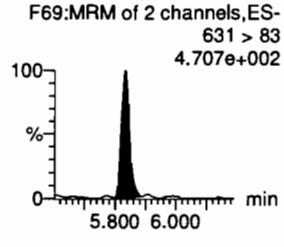
PFDS



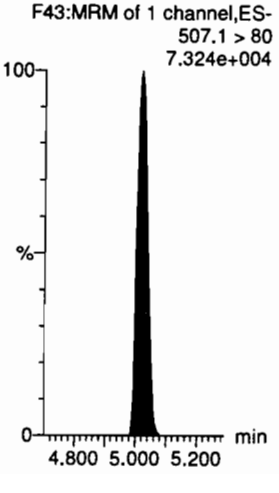


11Cl-PF30UdS

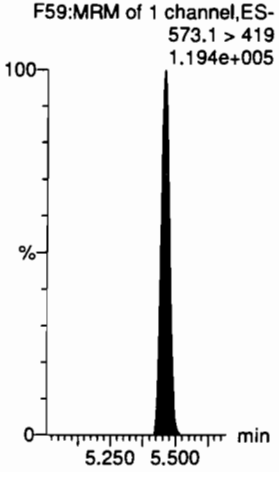




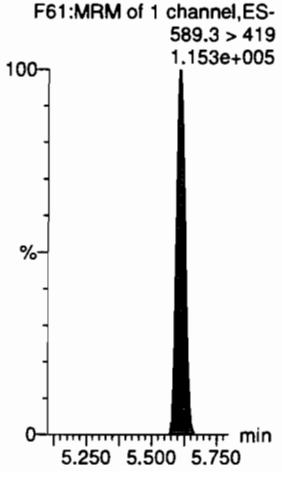
13C8-PFOS-EIS



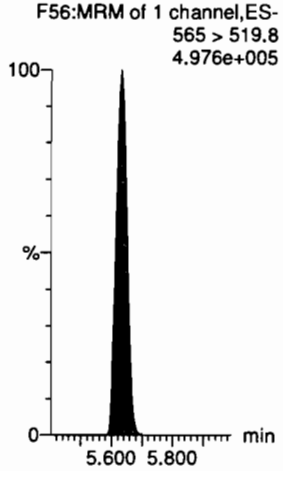
d3-N-MeFOSAA-EIS



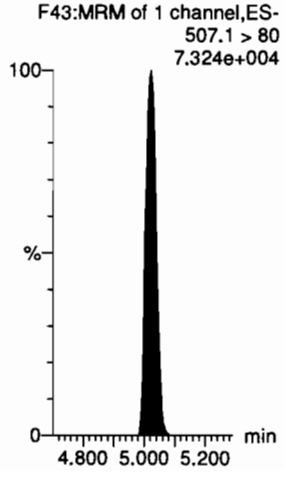
d5-N-EtFOSAA-EIS



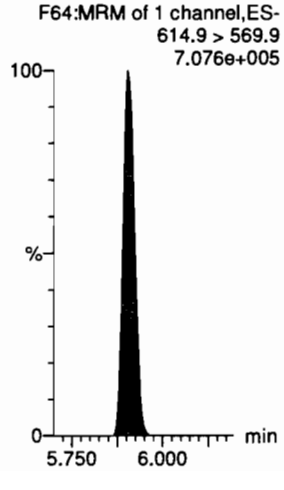
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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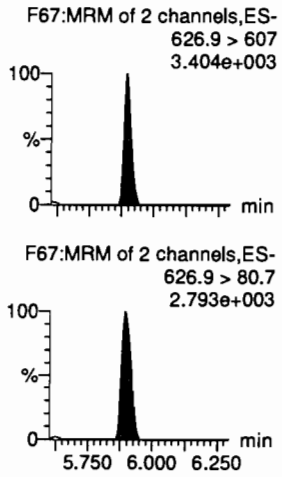
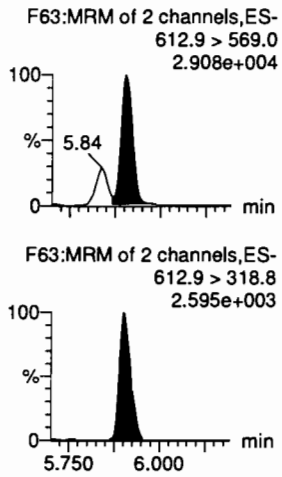
Name: 200706P1-20, Date: 06-Jul-2020, Time: 13:24:27, ID: ST200706P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

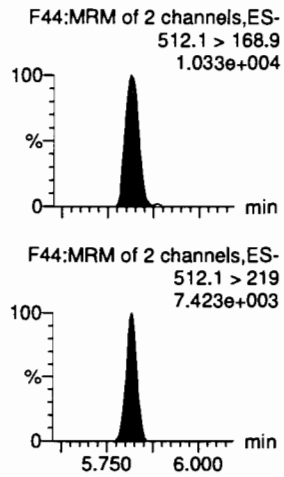
10:2 FTS



PFDoA



N-MeFOSA



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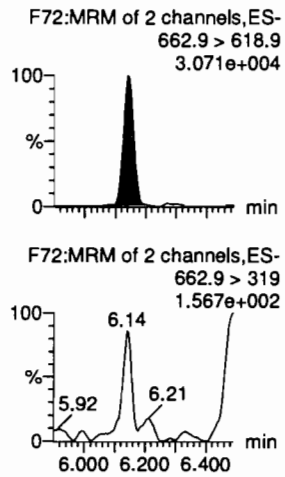
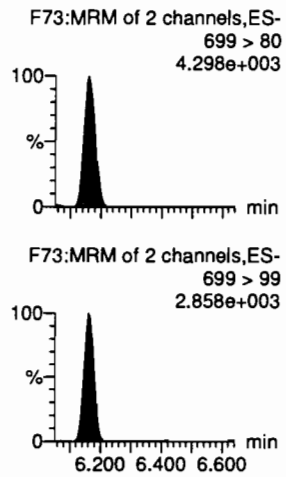
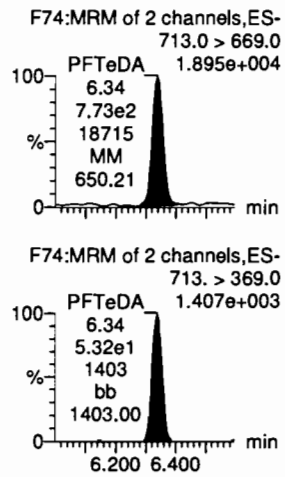


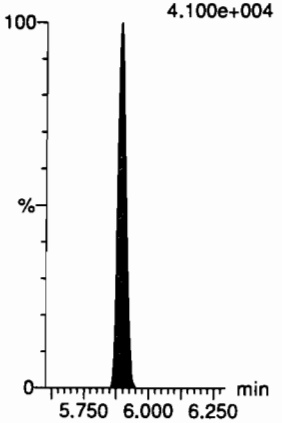
PFDoS



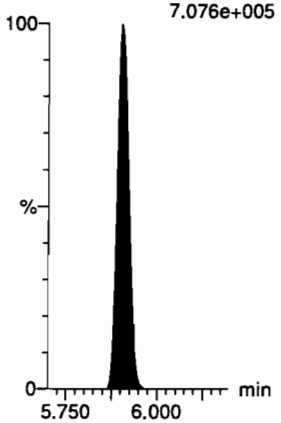
PFTeDA



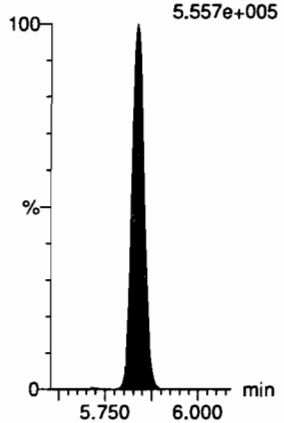
13C2-10:2 FTS-EIS



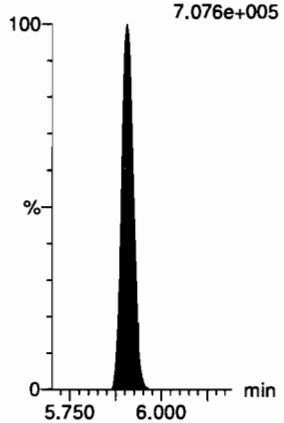
13C2-PFDoA-EIS



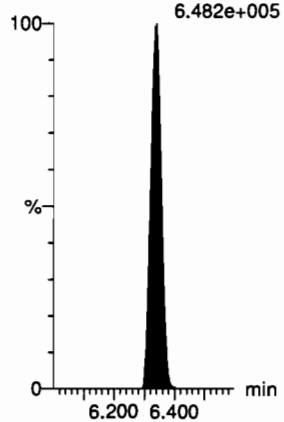
d3-N-MeFOSA-EIS



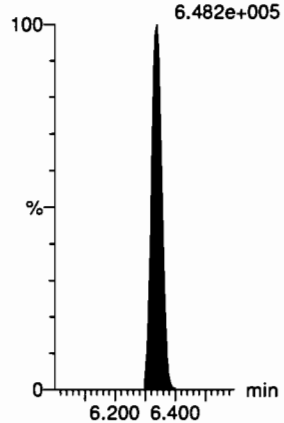
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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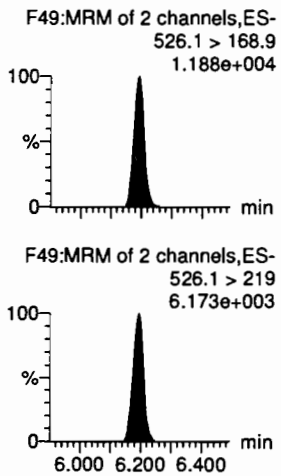
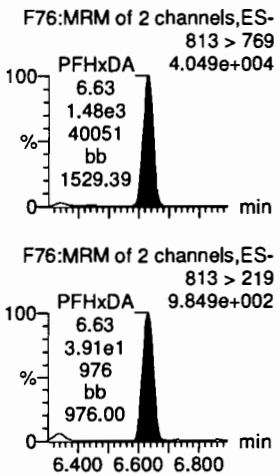
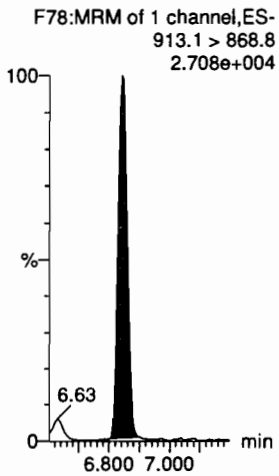
N-EtFOSA



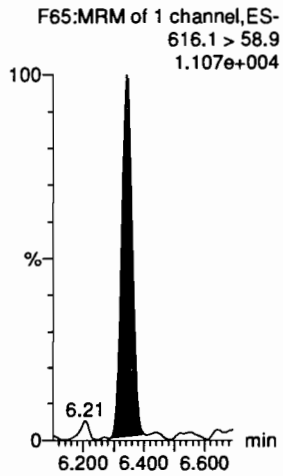
PFHxDA



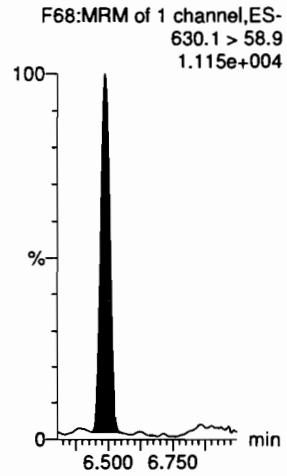
PFODA



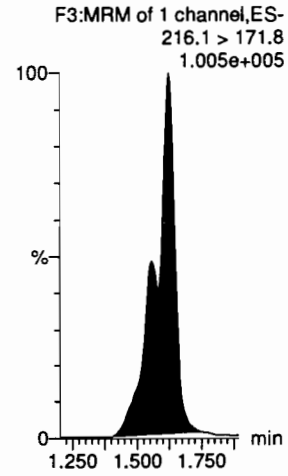
N-MeFOSE



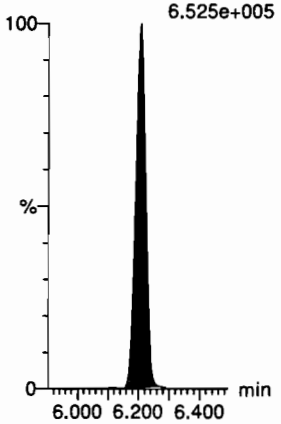
N-EtFOSE



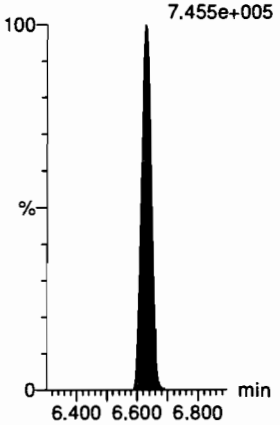
13C3-PFBA-RSD



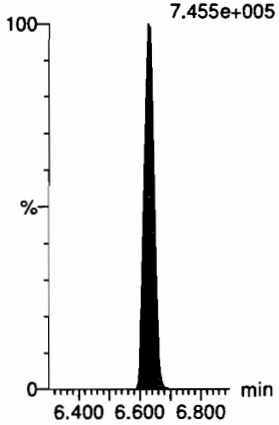
d5-N-ETFOSA-EIS



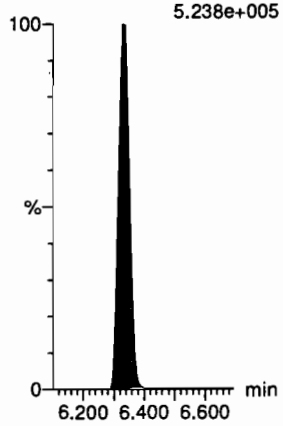
13C2-PFHxDA-EIS



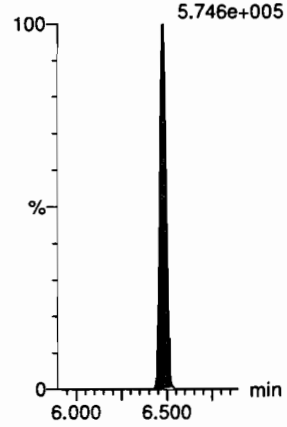
13C2-PFHxDA-EIS



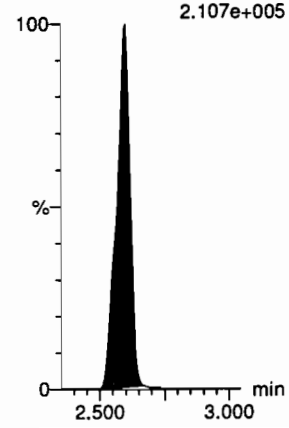
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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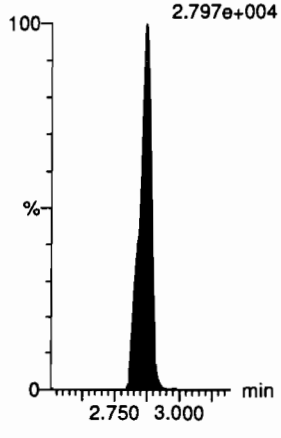
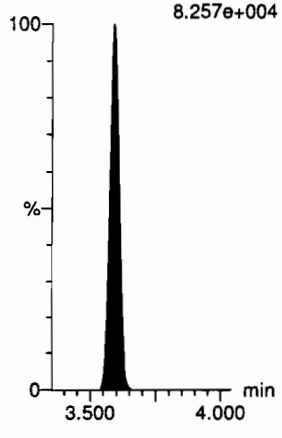
Name: 200706P1-20, Date: 06-Jul-2020, Time: 13:24:27, ID: ST200706P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

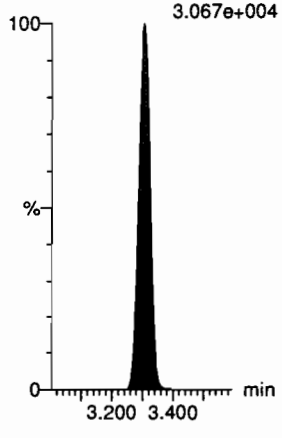
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.797e+004



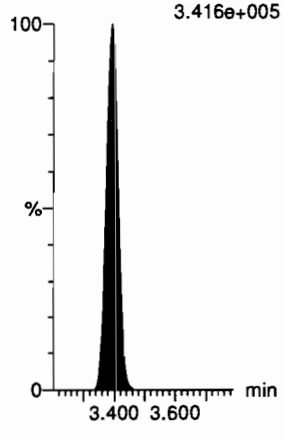
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
8.257e+004



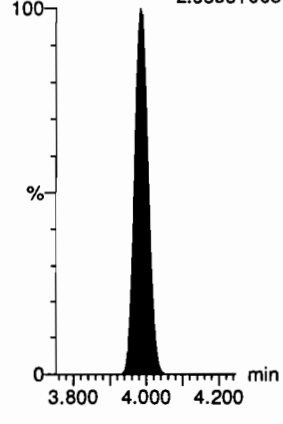
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.067e+004



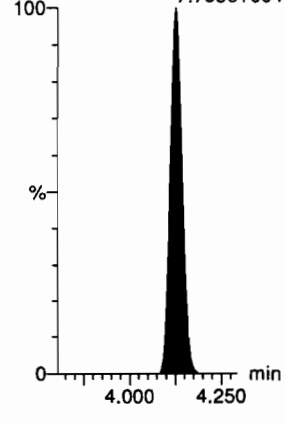
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.416e+005



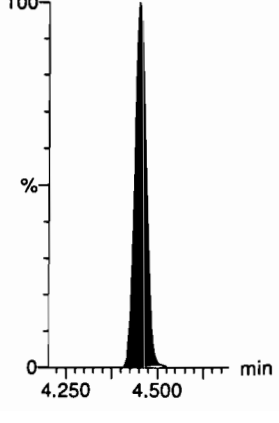
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.986e+005



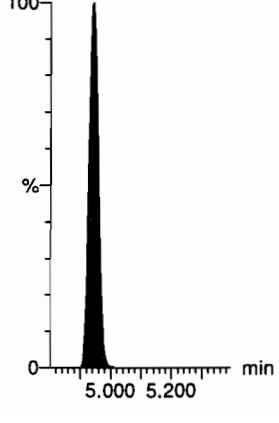
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
7.733e+004



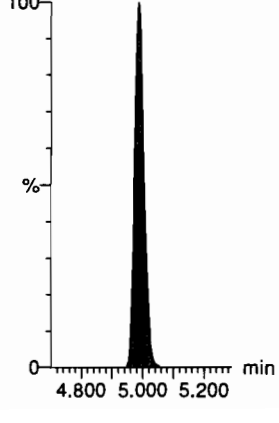
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.607e+004



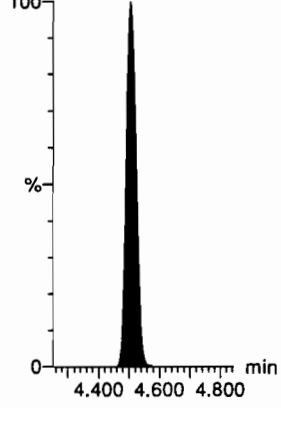
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.575e+005



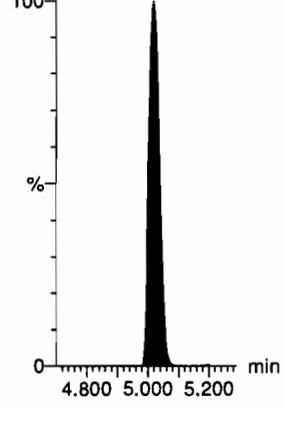
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
2.055e+005



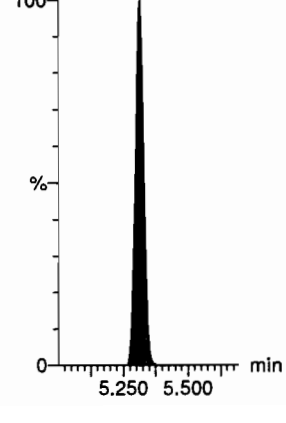
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.018e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
7.324e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.381e+005



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Last Altered: Tuesday, July 07, 2020 08:33:52 Pacific Daylight Time
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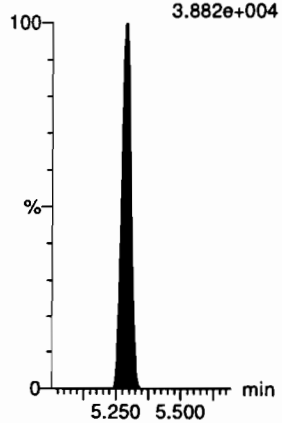
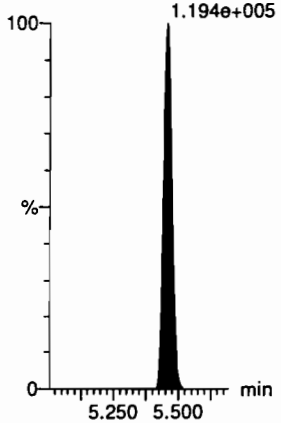
Name: 200706P1-20, Date: 06-Jul-2020, Time: 13:24:27, ID: ST200706P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

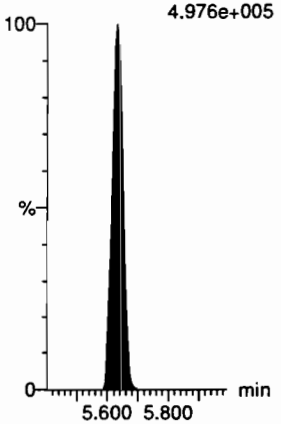
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
3.882e+004



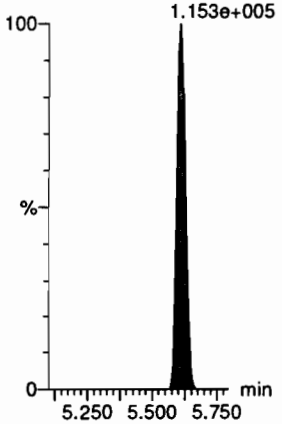
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.194e+005



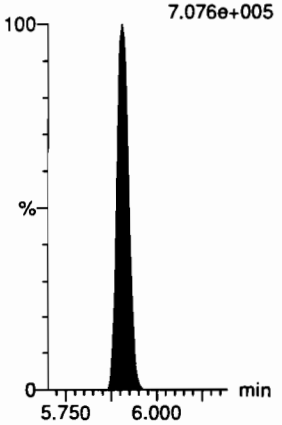
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.976e+005



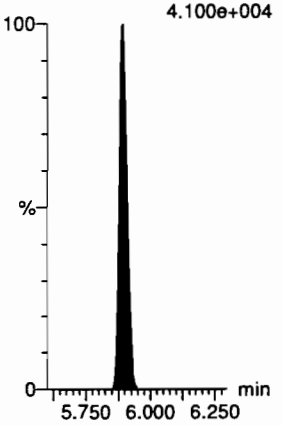
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.153e+005



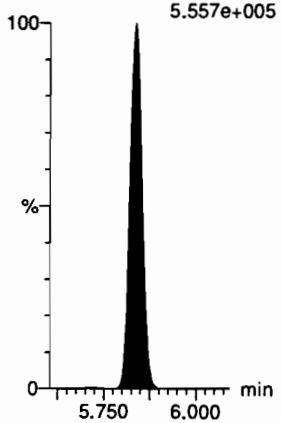
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
7.076e+005



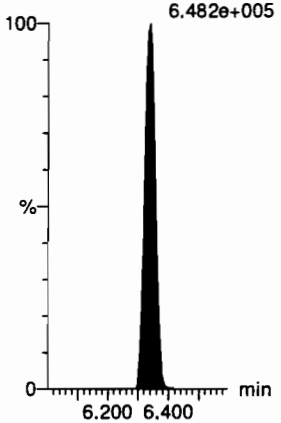
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
4.100e+004



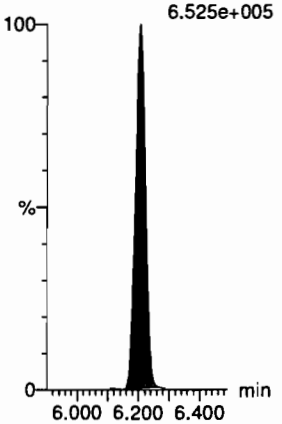
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.557e+005



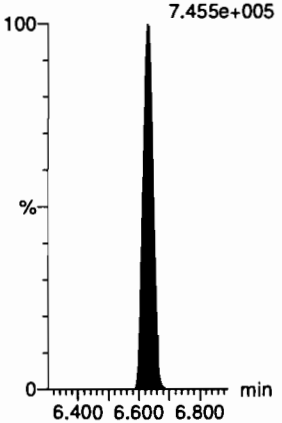
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
6.482e+005



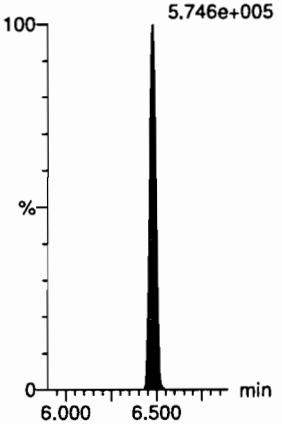
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.525e+005



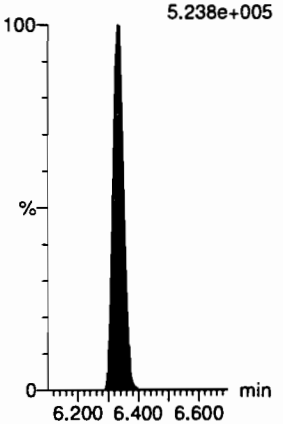
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.455e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
5.746e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
5.238e+005



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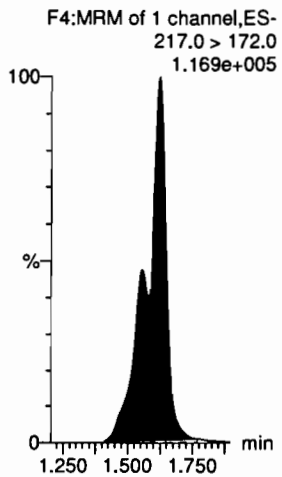
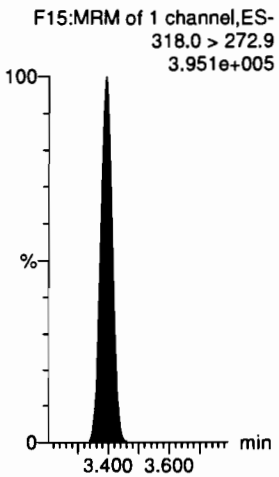
Name: 200706P1-20, Date: 06-Jul-2020, Time: 13:24:27, ID: ST200706P1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

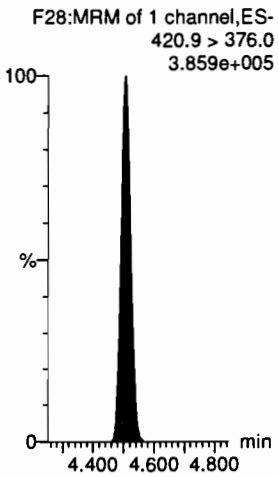
13C4-PFBA



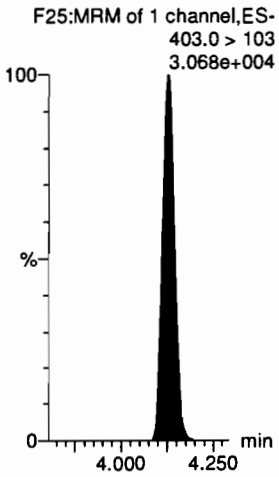
13C5-PFHxA



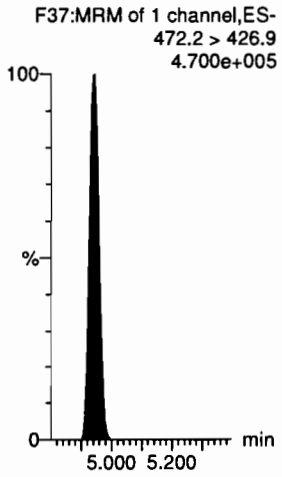
13C8-PFOA



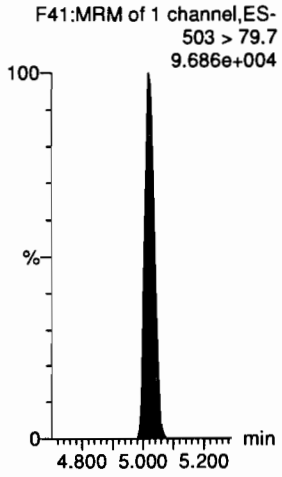
18O2-PFHxS



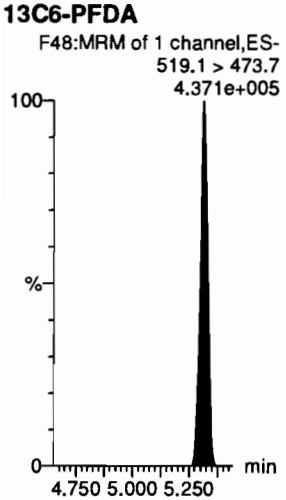
13C9-PFNA



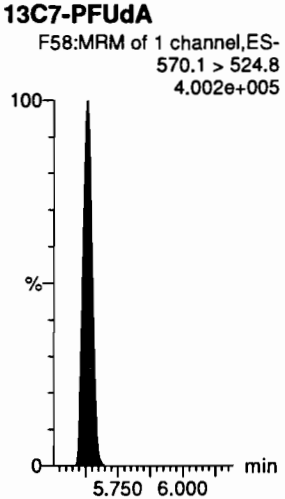
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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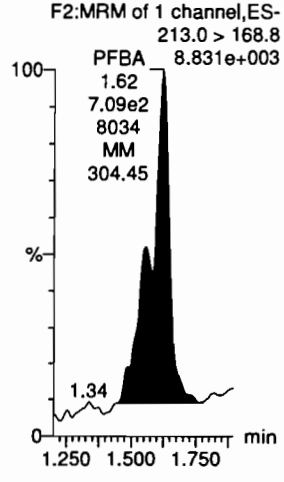
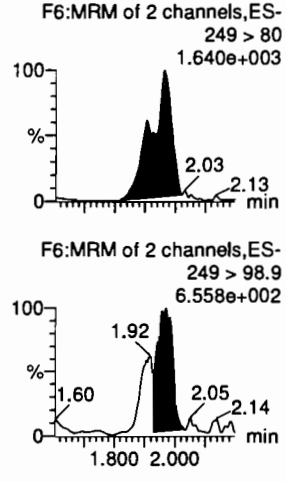
Name: 200706P1-21, Date: 06-Jul-2020, Time: 13:34:57, ID: ST200706P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

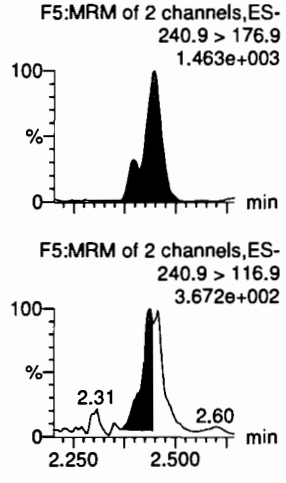
PFBA



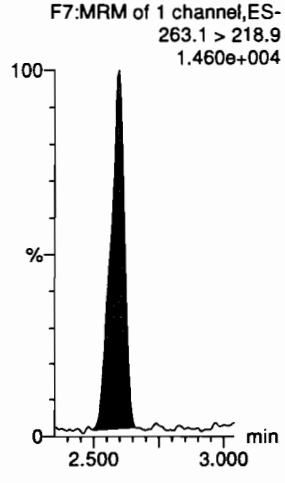
PFPrS



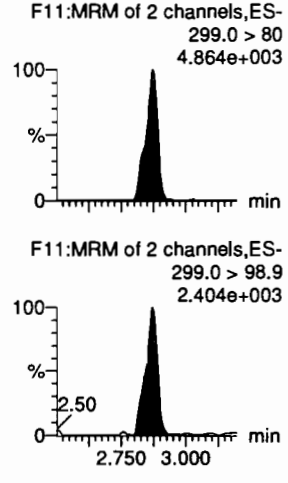
3:3 FTCA



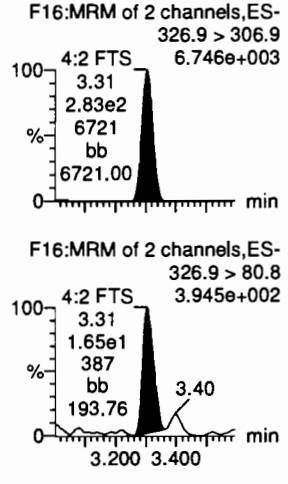
PFPeA



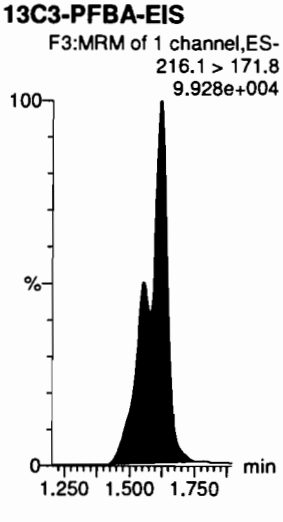
PFBS



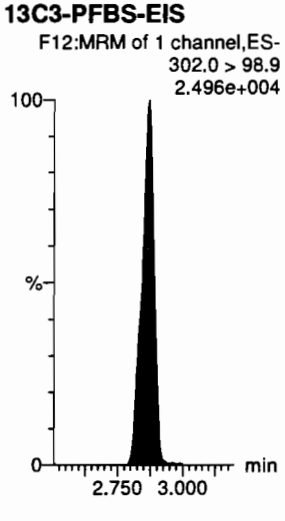
4:2 FTS



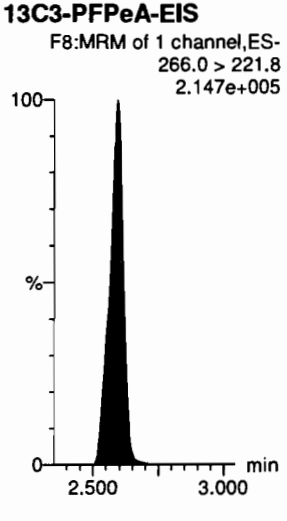
13C3-PFBA-EIS



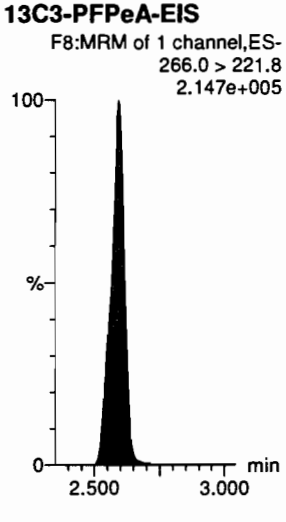
13C3-PFBS-EIS



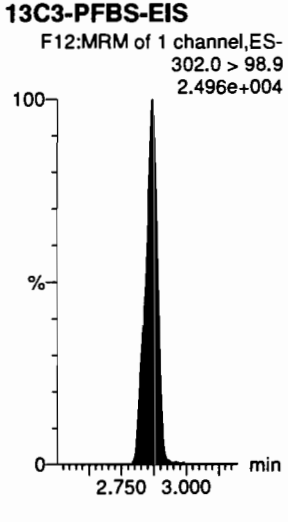
13C3-PFPeA-EIS



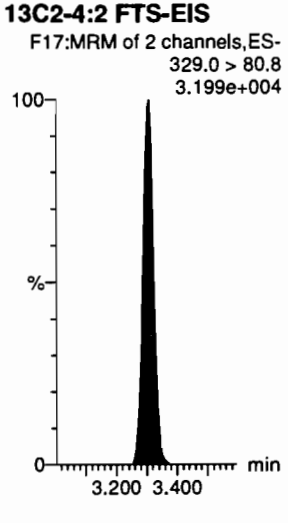
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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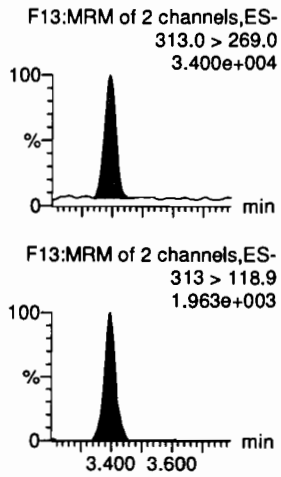
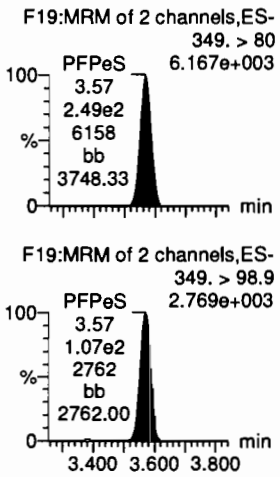
Name: 200706P1-21, Date: 06-Jul-2020, Time: 13:34:57, ID: ST200706P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

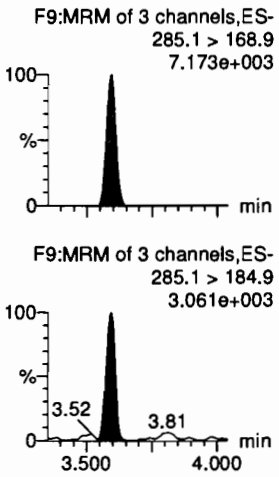
PFHxA



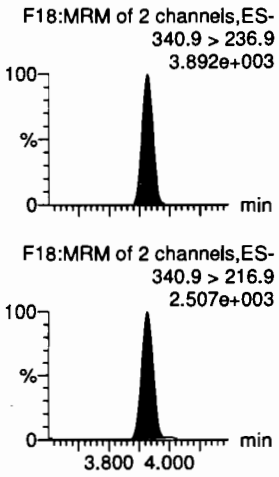
PFPeS



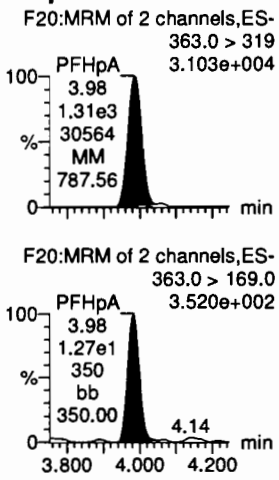
HFPO-DA



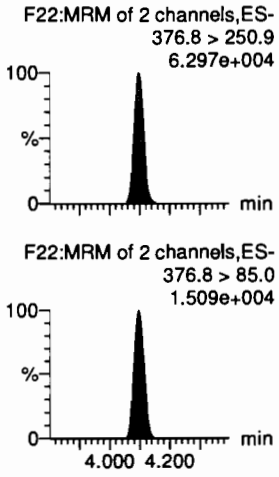
5:3 FTCA



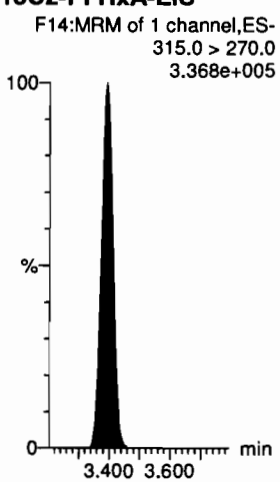
PFHpA



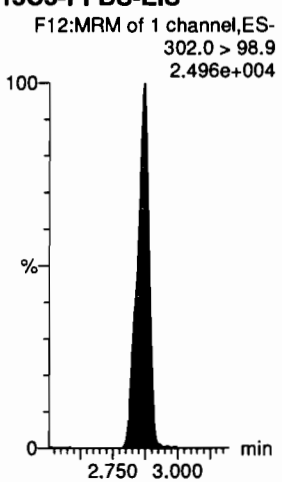
ADONA



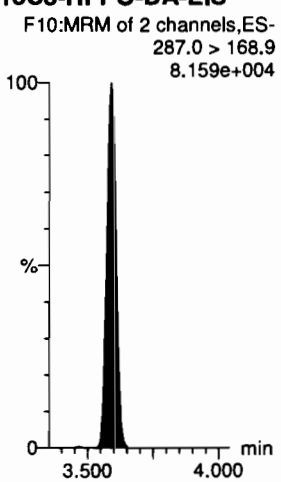
13C2-PFHxA-EIS



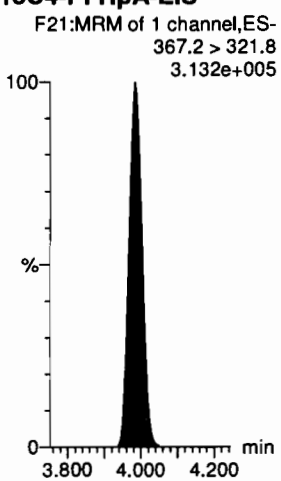
13C3-PFBS-EIS



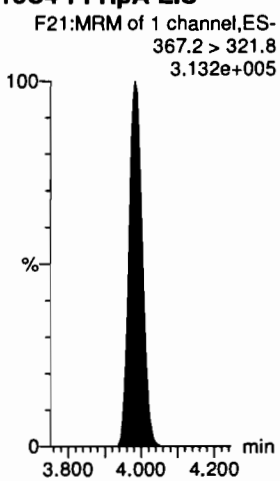
13C3-HFPO-DA-EIS



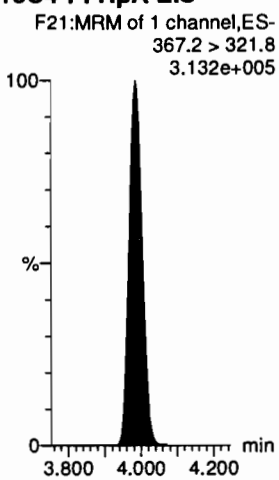
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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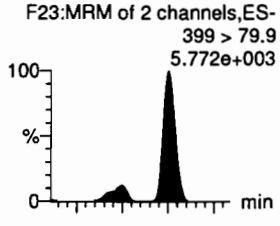
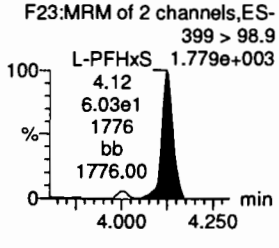
Printed: Tuesday, July 07, 2020 08:34:06 Pacific Daylight Time

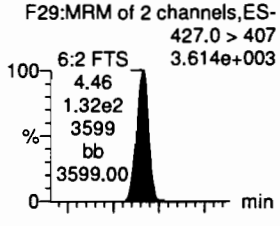
Name: 200706P1-21, Date: 06-Jul-2020, Time: 13:34:57, ID: ST200706P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

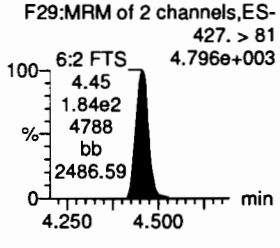
L-PFHxS





6:2 FTS





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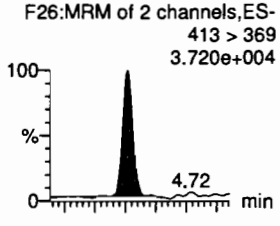

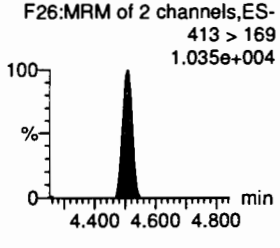

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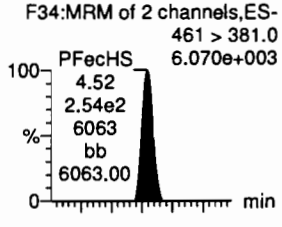

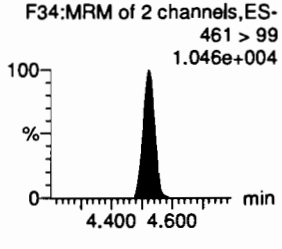

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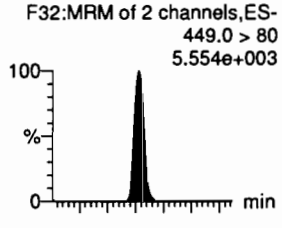
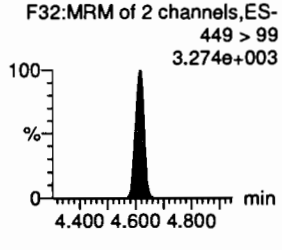
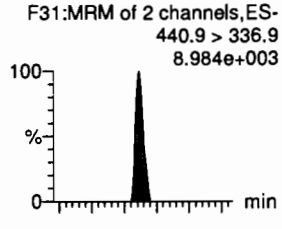
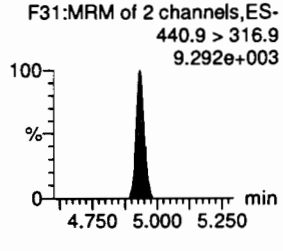


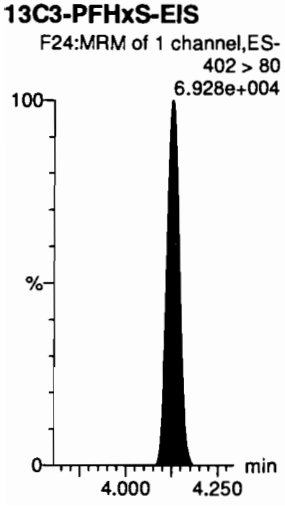


7:3 FTCA

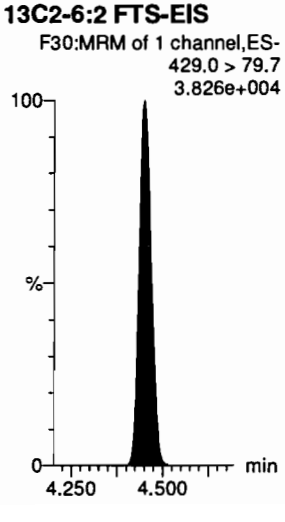




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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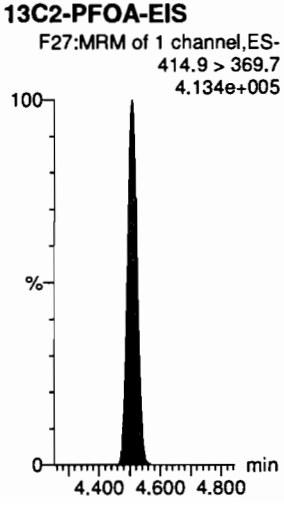

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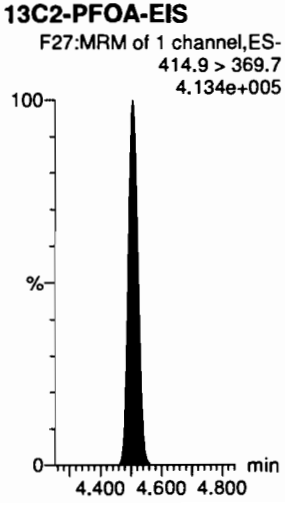
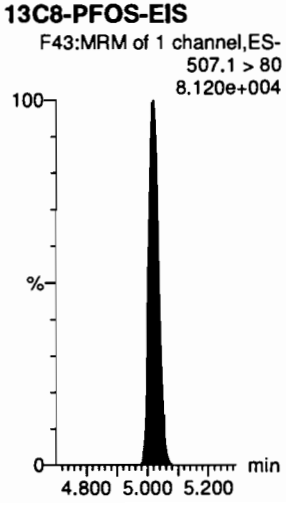
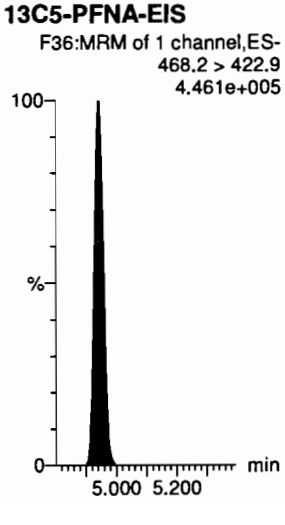


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200706P1-21, Date: 06-Jul-2020, Time: 13:34:57, ID: ST200706P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

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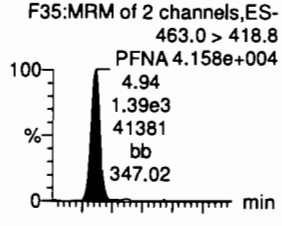

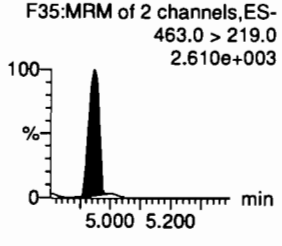

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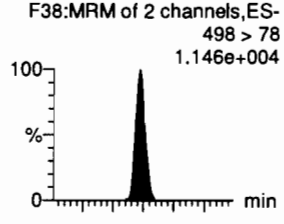
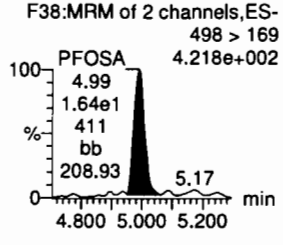
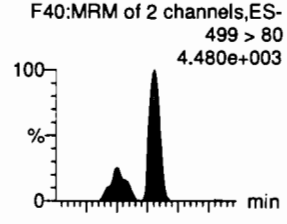
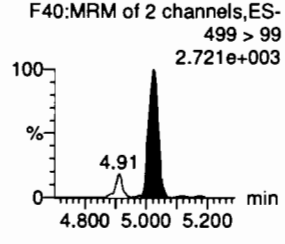


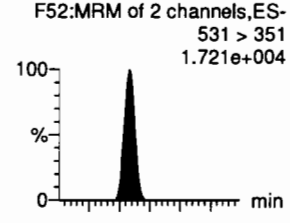


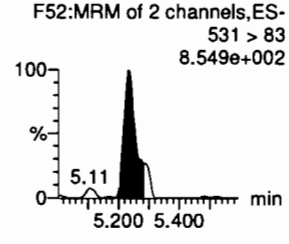
L-PFOS





9Cl-PF30NS





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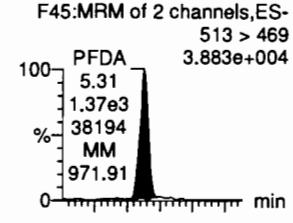
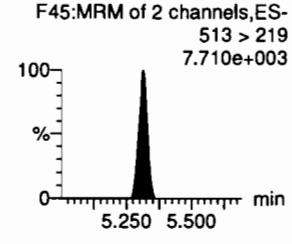
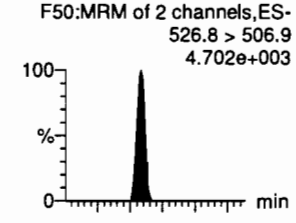
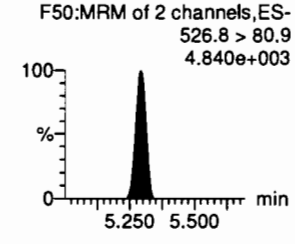


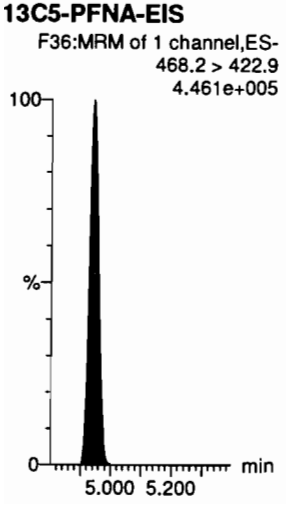


8:2 FTS

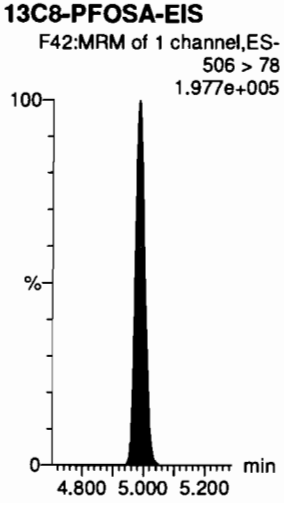




13C5-PFNA-EIS



13C8-PFOSA-EIS



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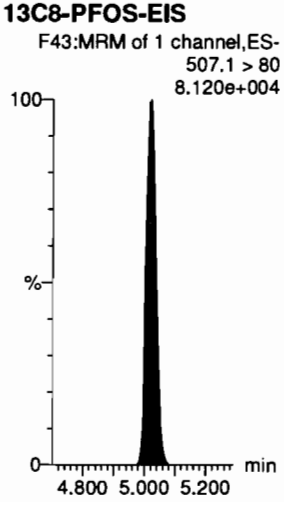

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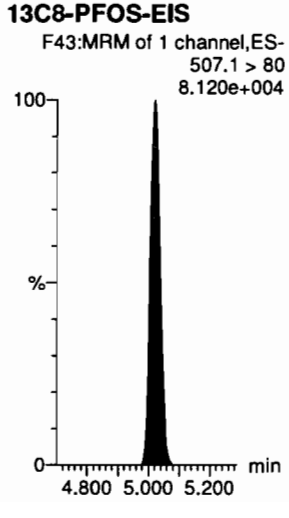
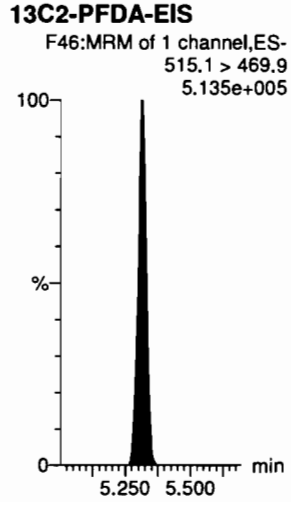
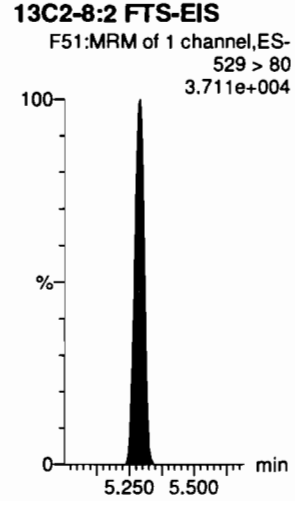


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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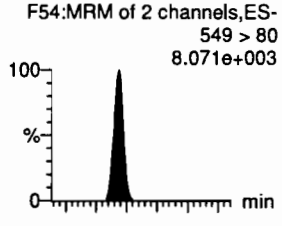
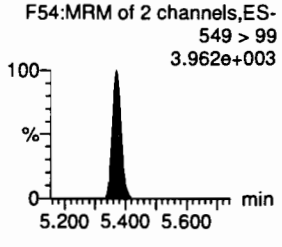
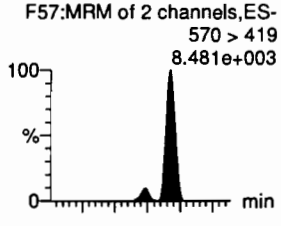
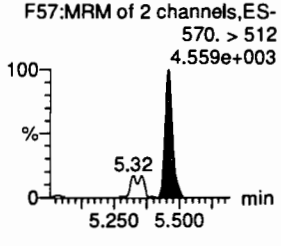
PFNS



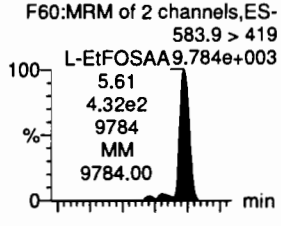


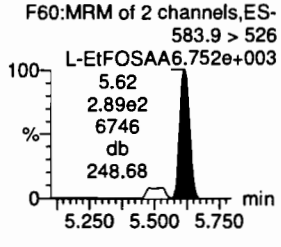
L-MeFOSAA



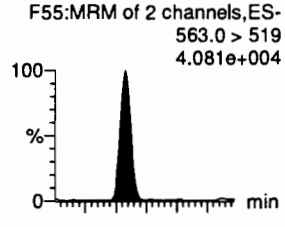


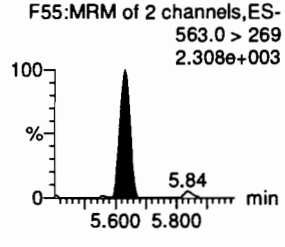
L-EtFOSAA



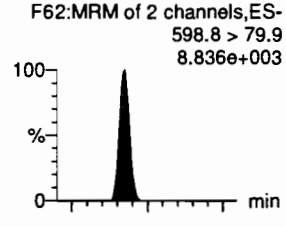


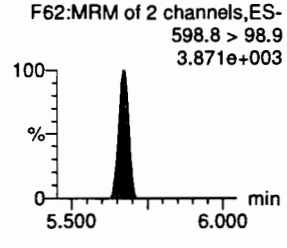
PFUdA



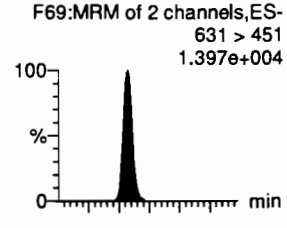


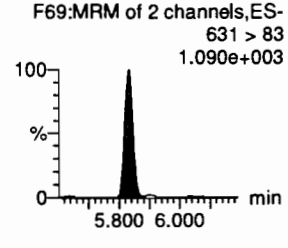
PFDS



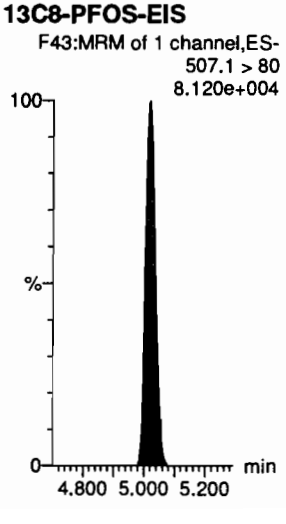


11Cl-PF30UdS

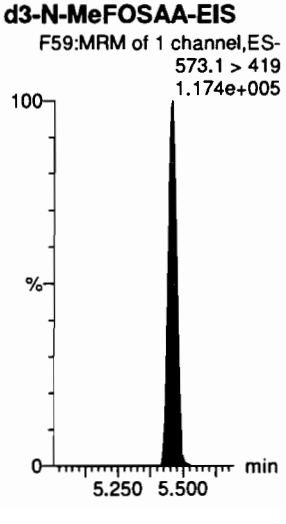




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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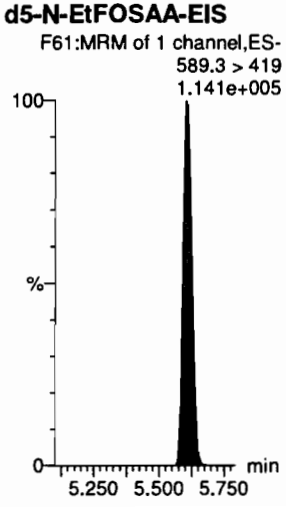

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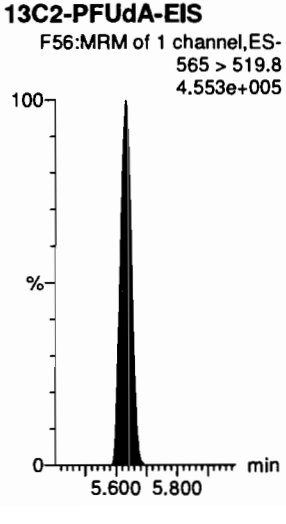

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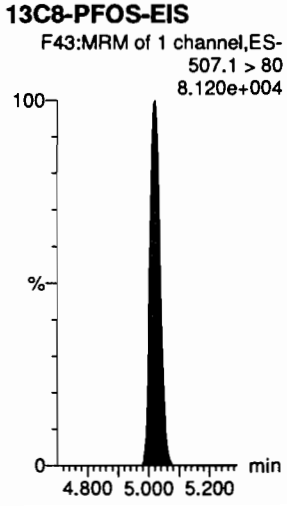
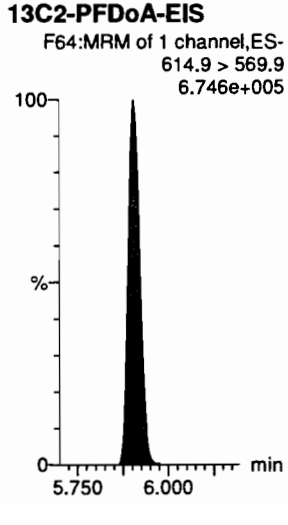


13C2-PFDoA-EIS



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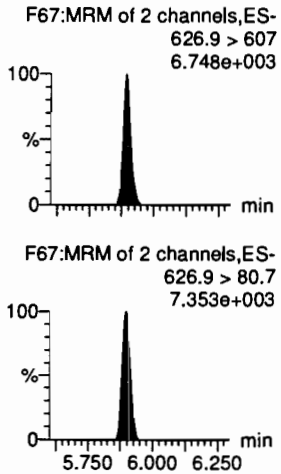
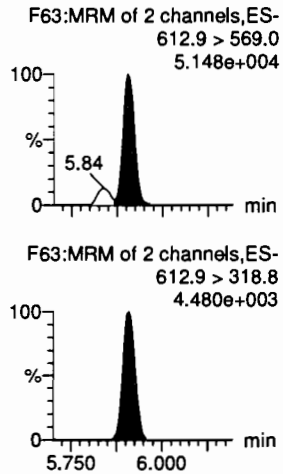
Name: 200706P1-21, Date: 06-Jul-2020, Time: 13:34:57, ID: ST200706P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

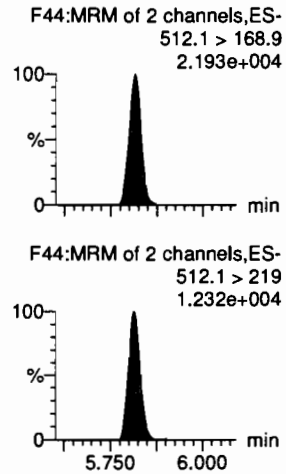
10:2 FTS



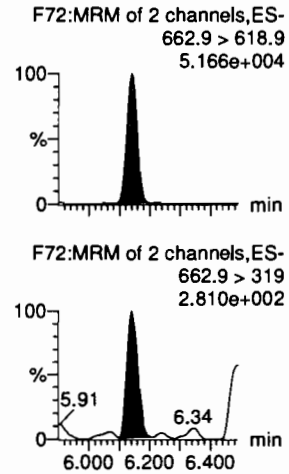
PFDoA



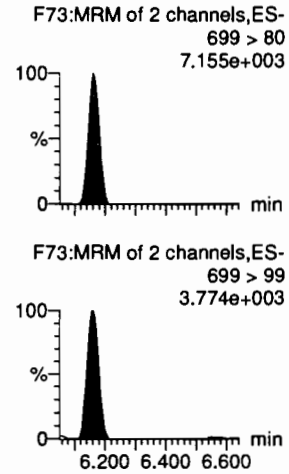
N-MeFOSA



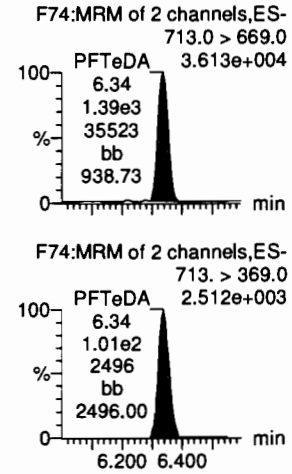
PFTrDA



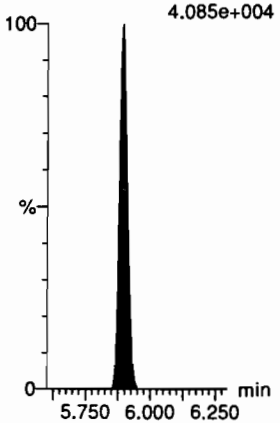
PFDoS



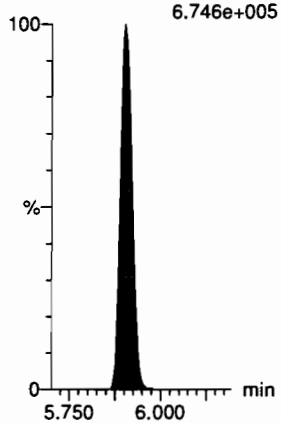
PFTeDA



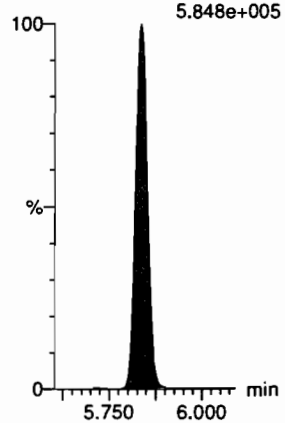
13C2-10:2 FTS-EIS



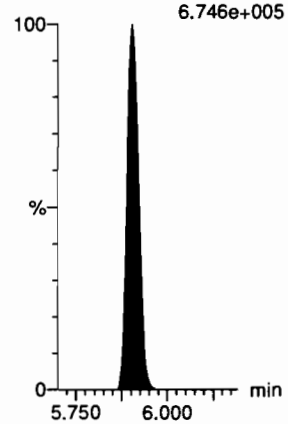
13C2-PFDoA-EIS



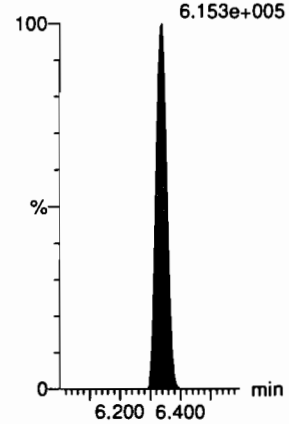
d3-N-MeFOSA-EIS



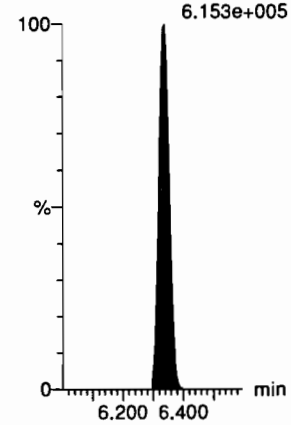
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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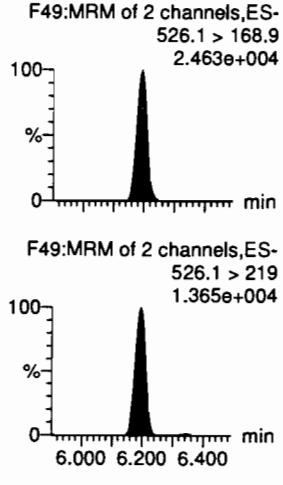
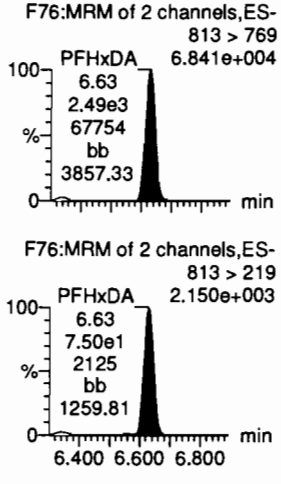
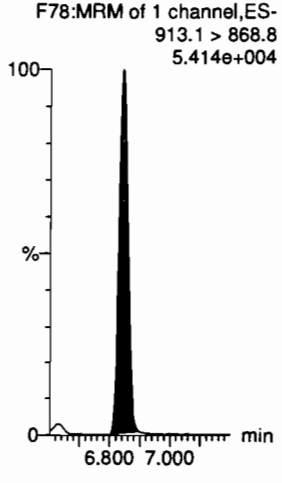
N-EtFOSA



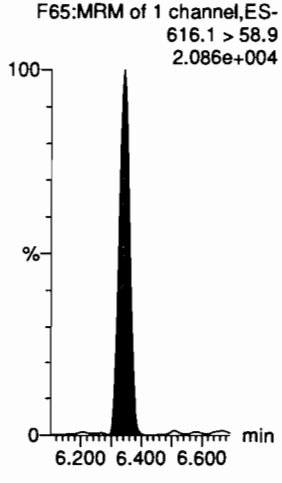
PFHxDA



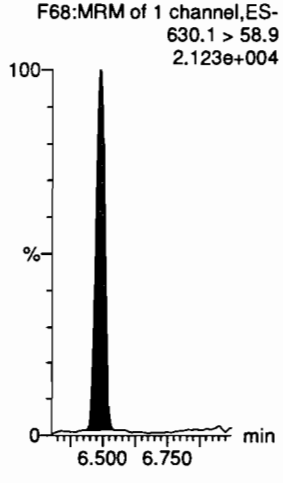
PFODA



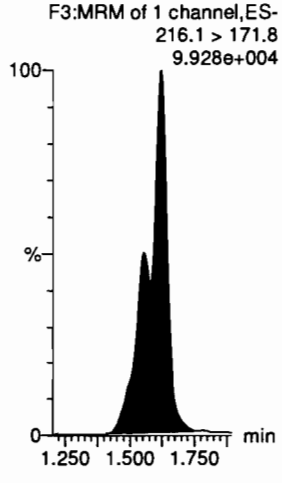
N-MeFOSE



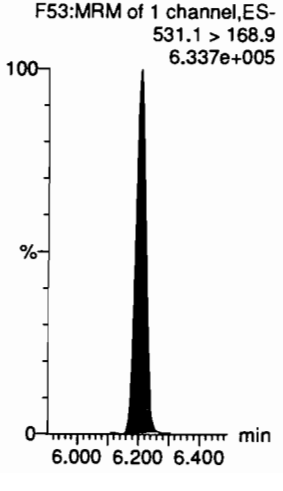
N-EtFOSE



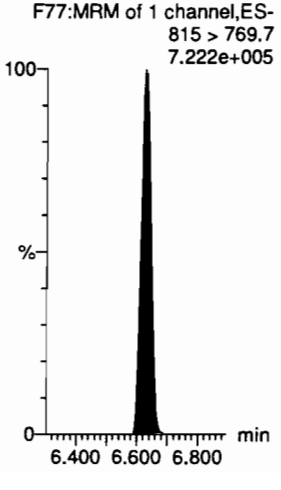
13C3-PFBA-RSD



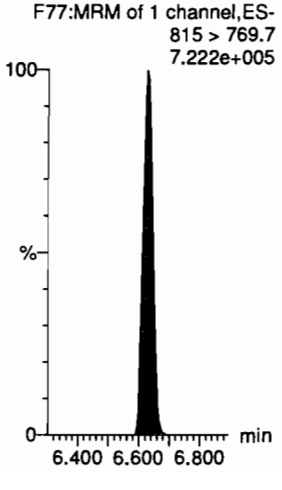
d5-N-ETFOSA-EIS



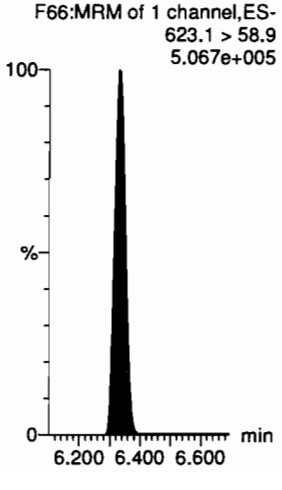
13C2-PFHxDA-EIS



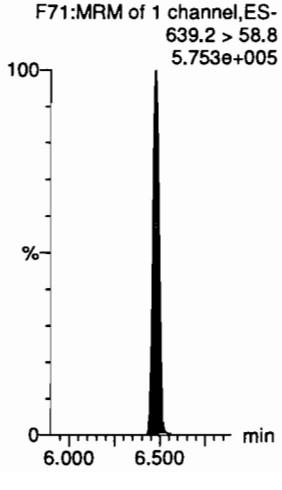
13C2-PFHxDA-EIS



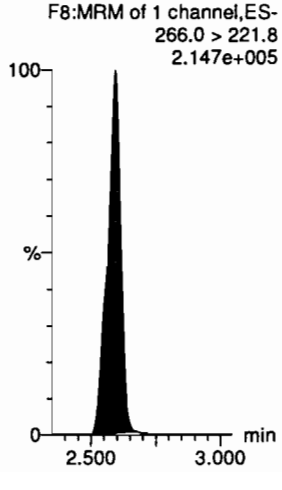
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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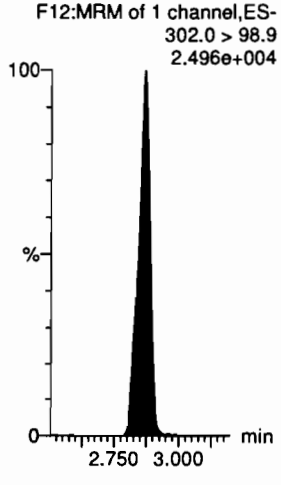
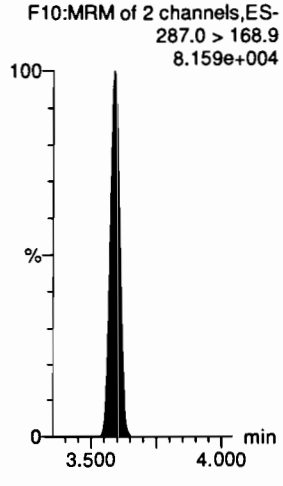
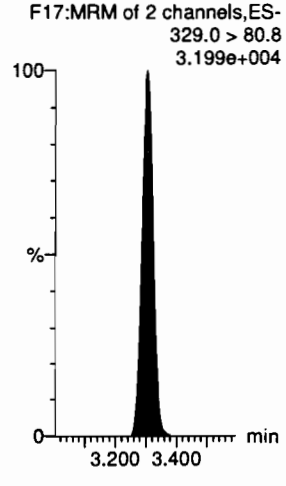
13C3-PFBS-RSD



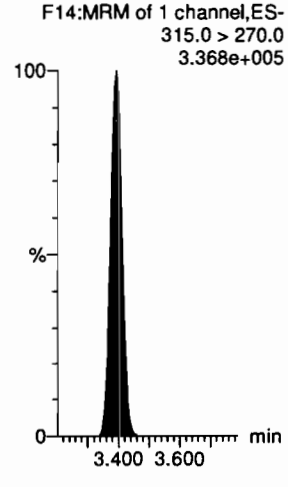
13C3-HFPO-DA-RSD



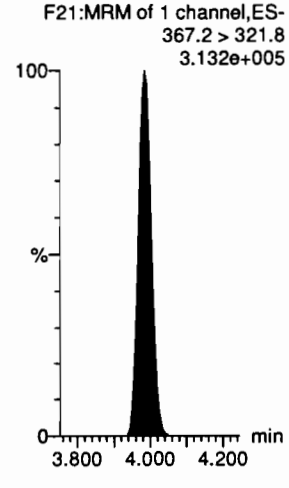
13C2-4:2 FTS-RSD



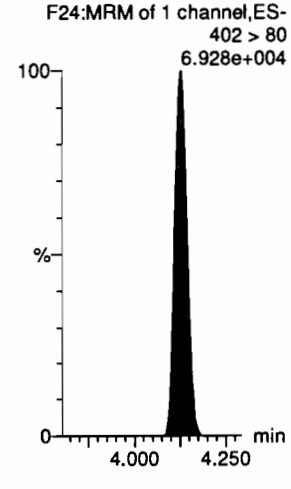
13C2-PFHxA-RSD



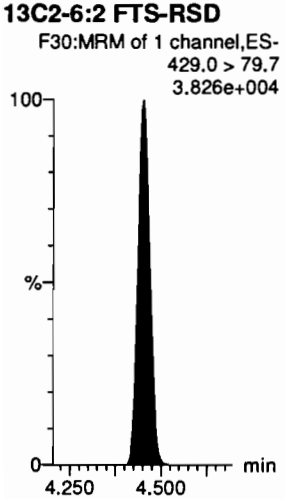
13C4-PFHpA-RSD



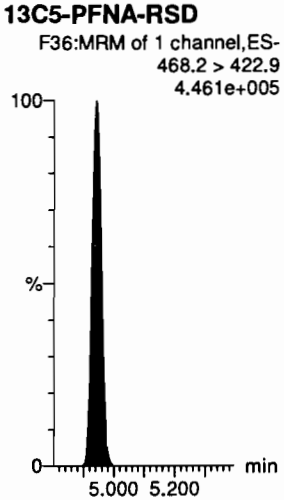
13C3-PFHxS-RSD



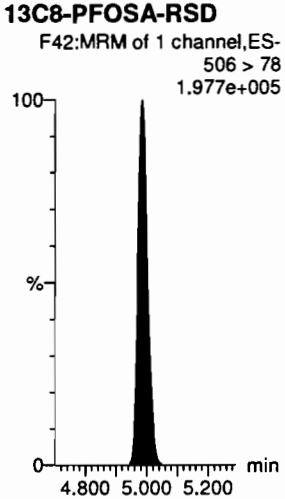
13C2-6:2 FTS-RSD



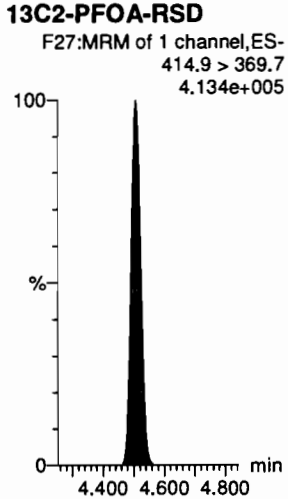
13C5-PFNA-RSD



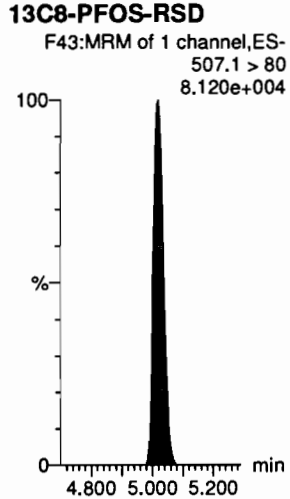
13C8-PFOSA-RSD



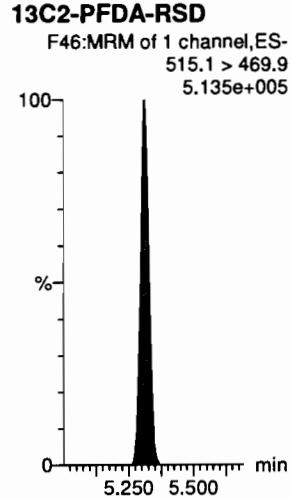
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



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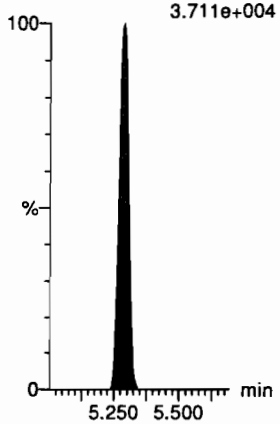
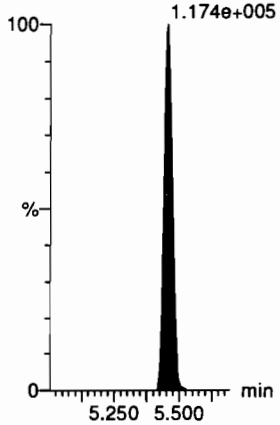
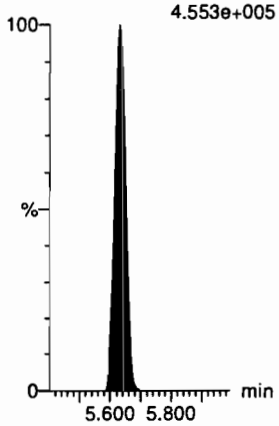
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
3.711e+004



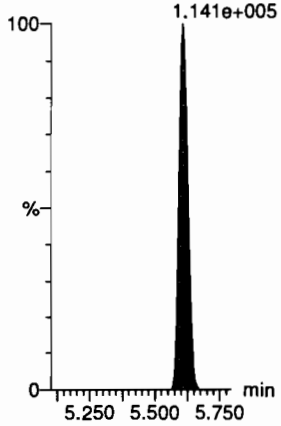
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.174e+005



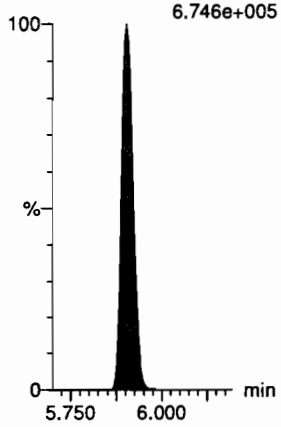
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.553e+005



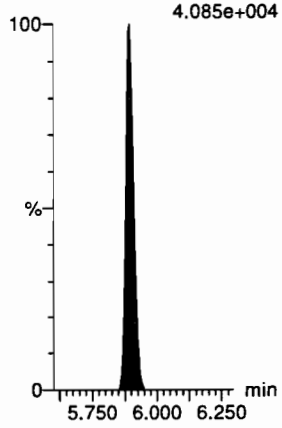
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.141e+005



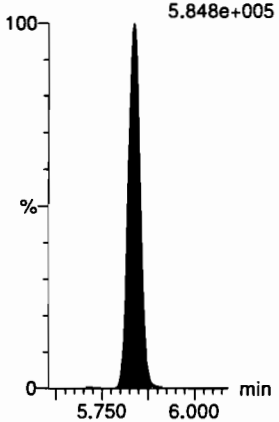
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
6.746e+005



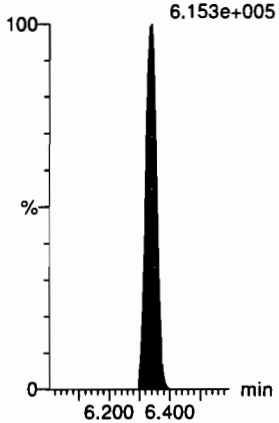
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
4.085e+004



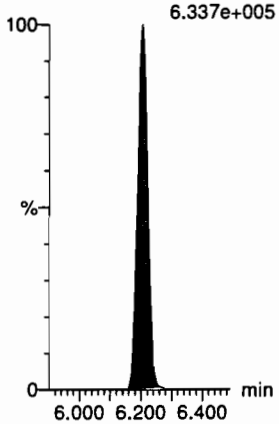
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.848e+005



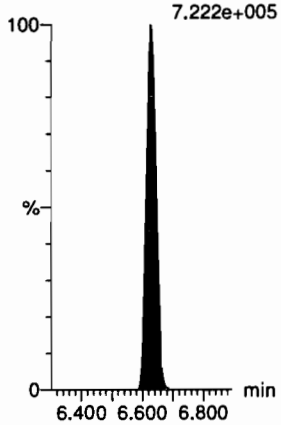
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
6.153e+005



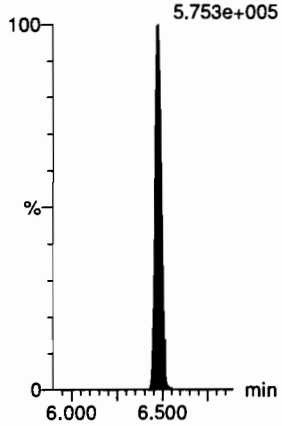
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.337e+005



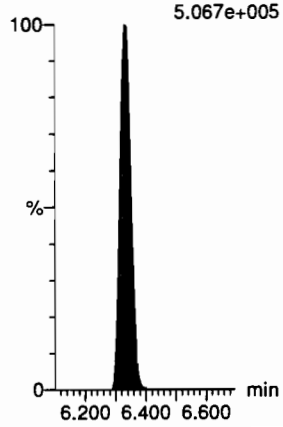
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.222e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
5.753e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
5.067e+005



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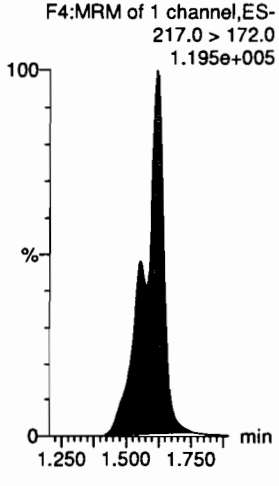
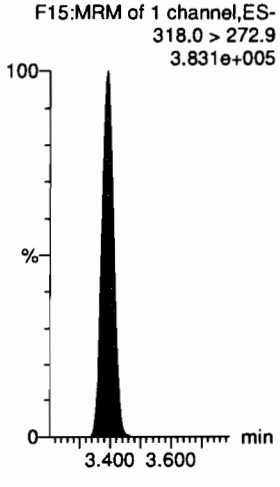
Name: 200706P1-21, Date: 06-Jul-2020, Time: 13:34:57, ID: ST200706P1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

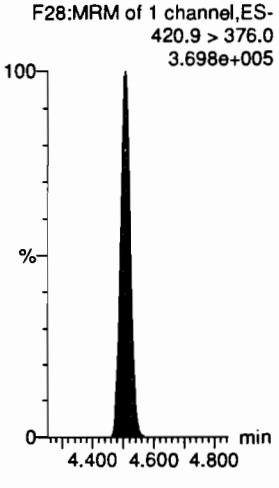
13C4-PFBA



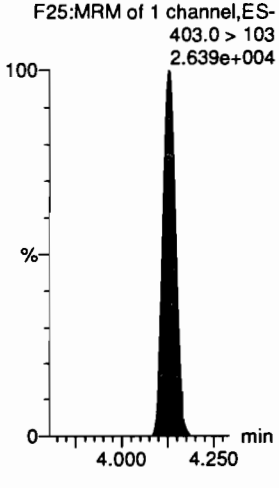
13C5-PFHxA



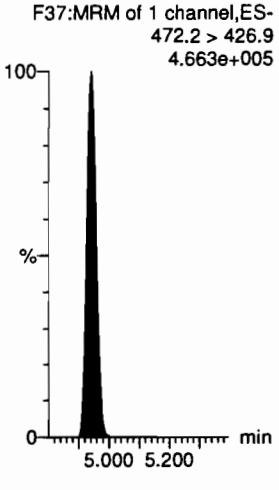
13C8-PFOA



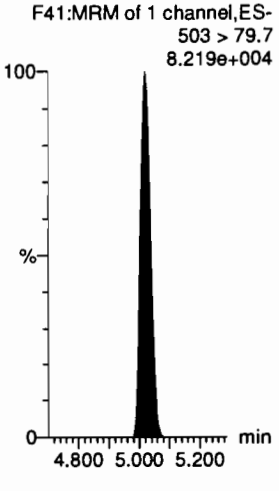
18O2-PFHxS



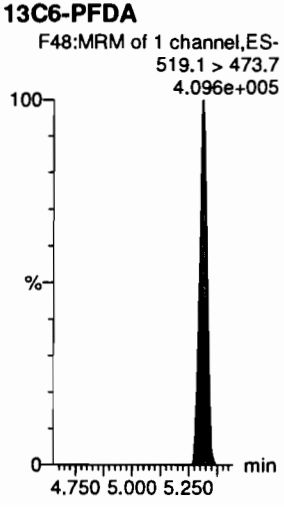
13C9-PFNA



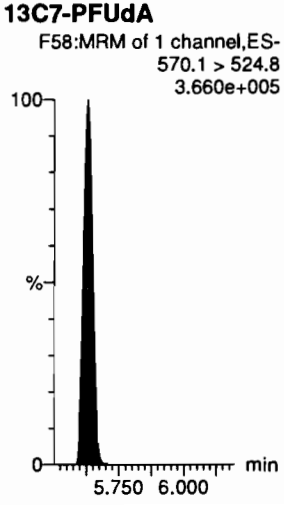
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

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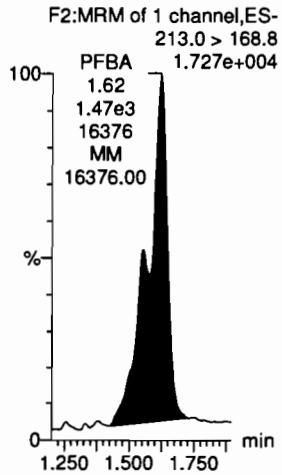
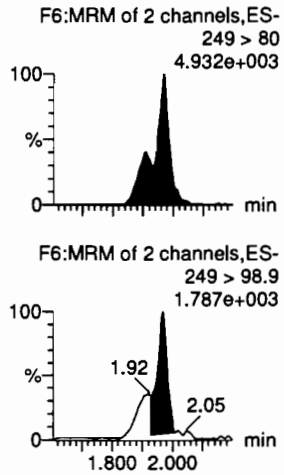
Printed: Tuesday, July 07, 2020 08:34:06 Pacific Daylight Time

Name: 200706P1-22, Date: 06-Jul-2020, Time: 13:45:26, ID: ST200706P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

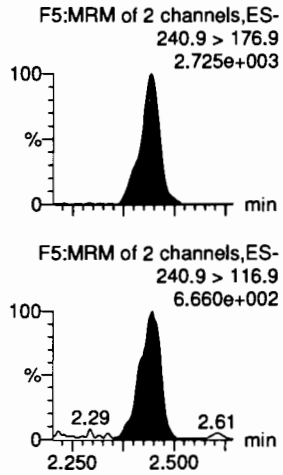
PFBA



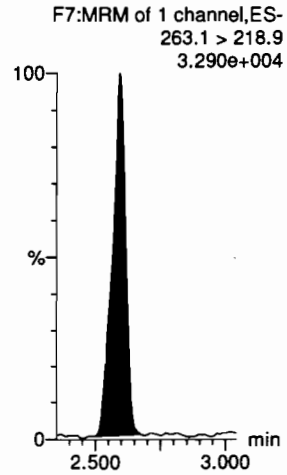
PFPrS



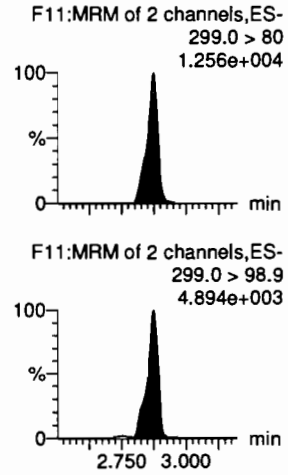
3:3 FTCA



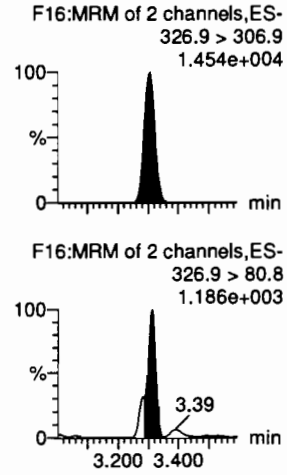
PFPeA



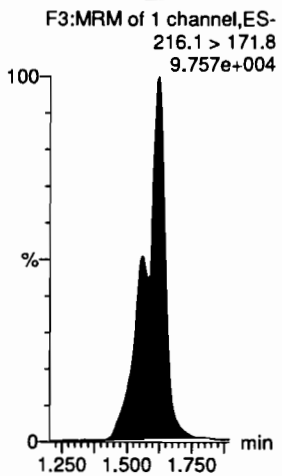
PFBS



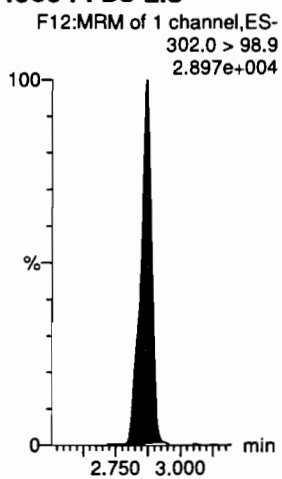
4:2 FTS



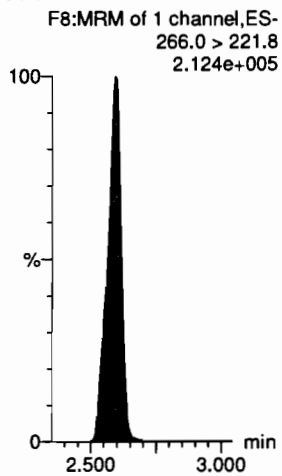
13C3-PFBA-EIS



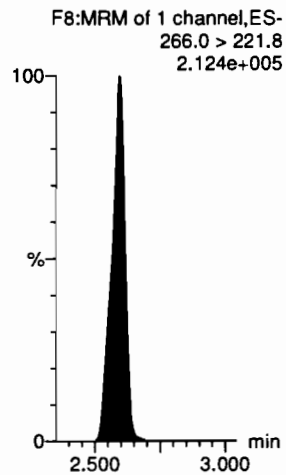
13C3-PFBS-EIS



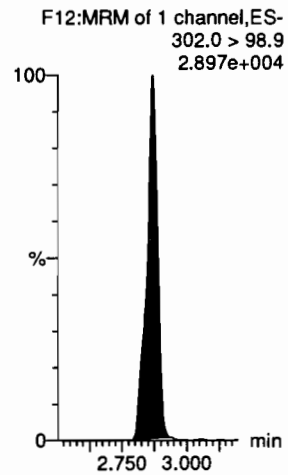
13C3-PFPeA-EIS



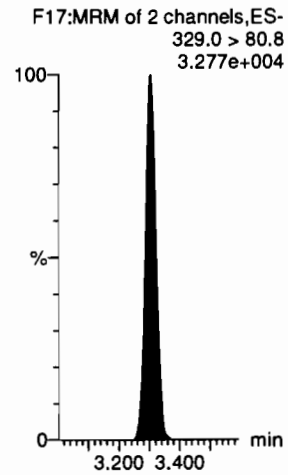
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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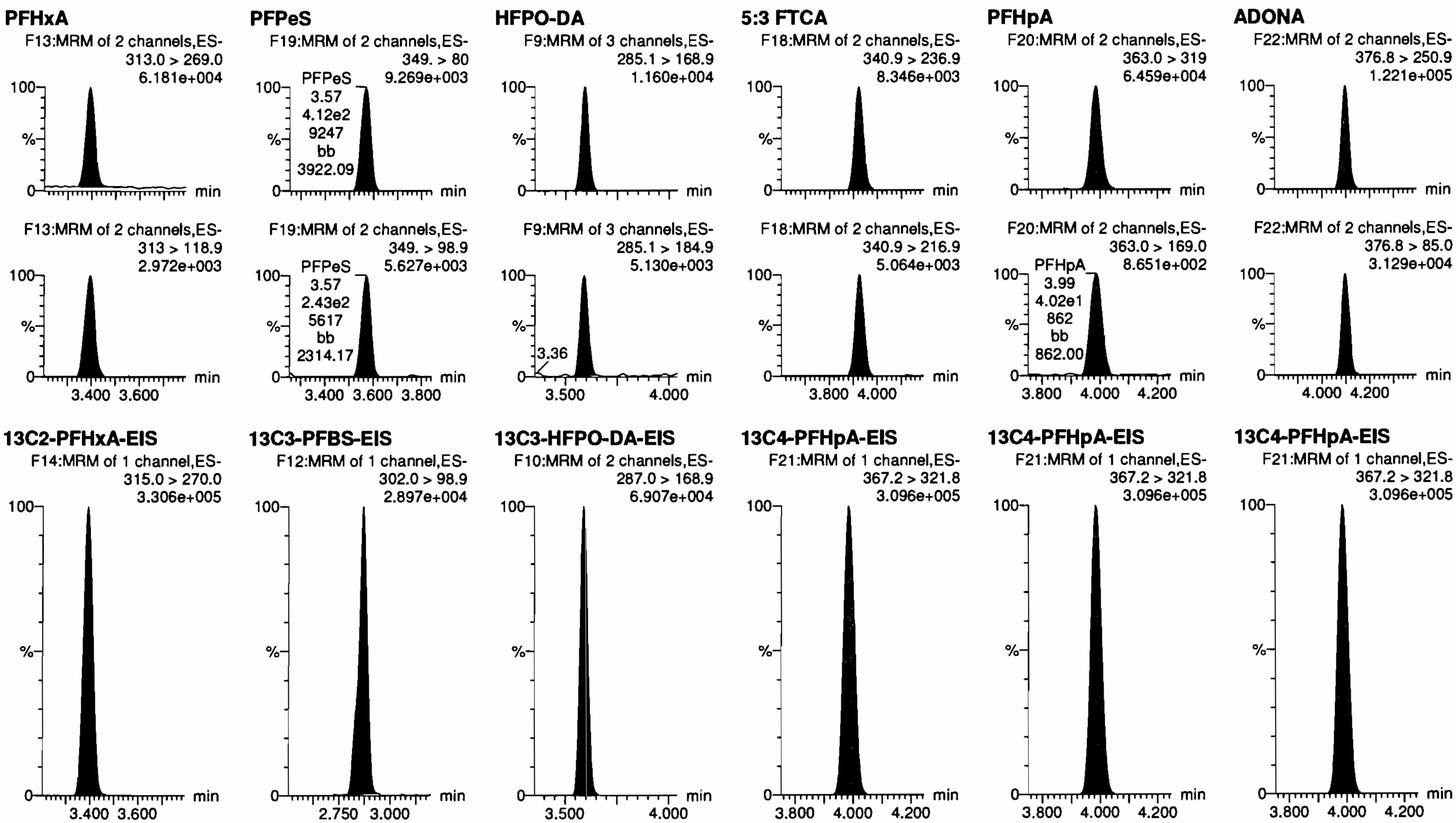
Name: 200706P1-22, Date: 06-Jul-2020, Time: 13:45:26, ID: ST200706P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904



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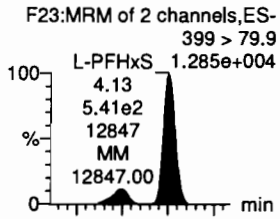
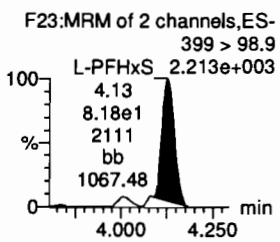
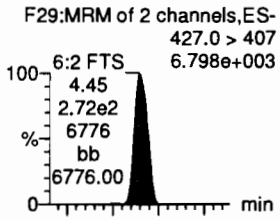
Name: 200706P1-22, Date: 06-Jul-2020, Time: 13:45:26, ID: ST200706P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

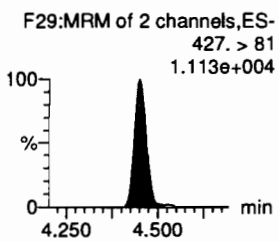
L-PFHxS



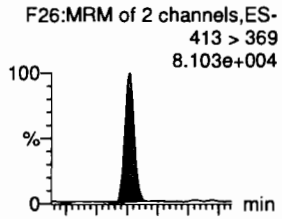


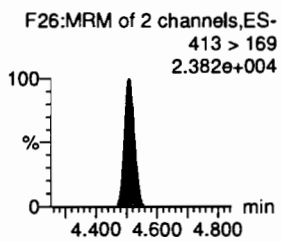
6:2 FTS





L-PFOA





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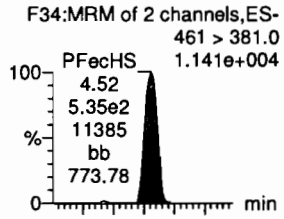
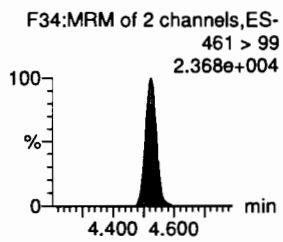
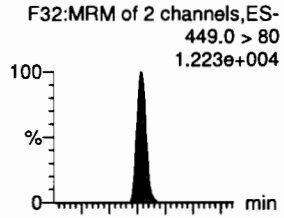
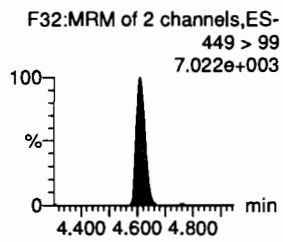


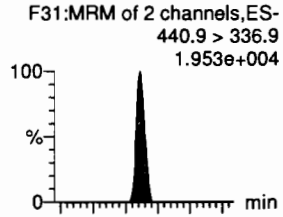


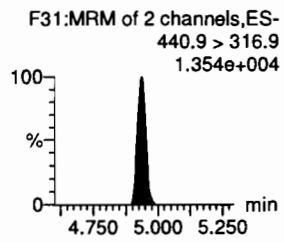
PFHpS





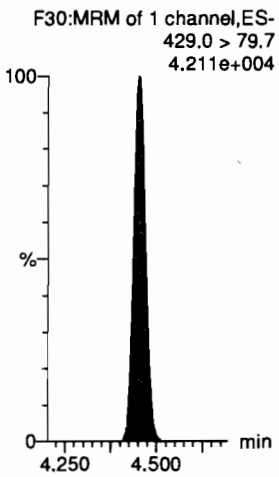
7:3 FTCA



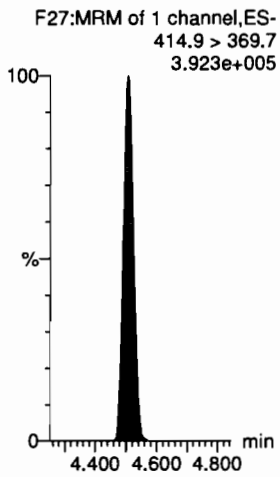


13C3-PFHxS-EIS

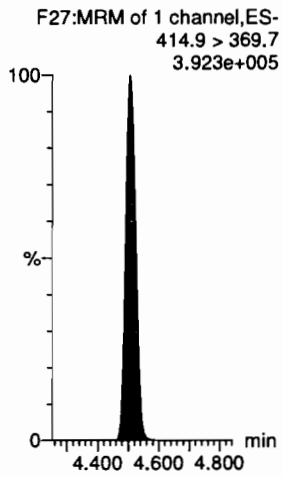
13C2-6:2 FTS-EIS



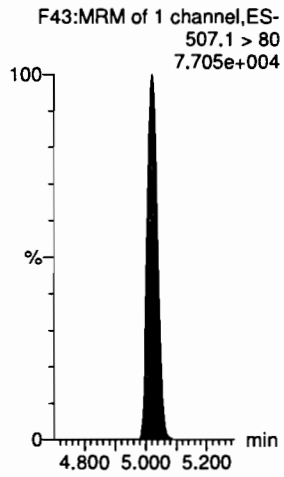
13C2-PFOA-EIS



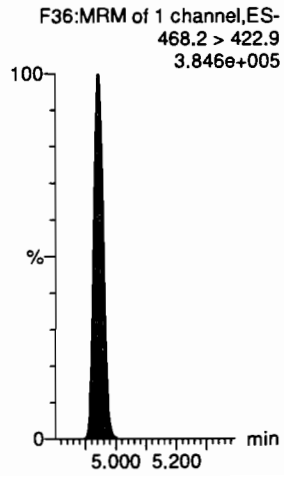
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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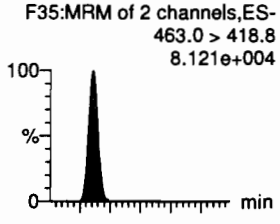
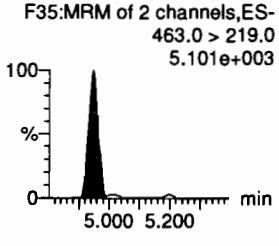
Name: 200706P1-22, Date: 06-Jul-2020, Time: 13:45:26, ID: ST200706P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

PFNA





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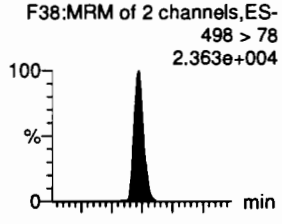
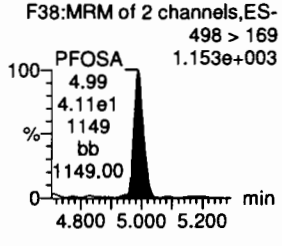
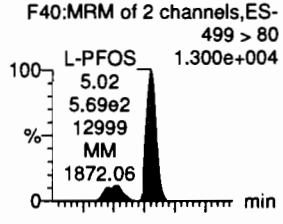
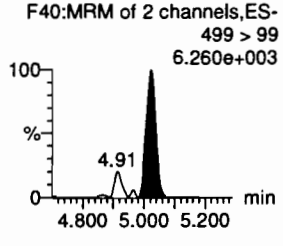


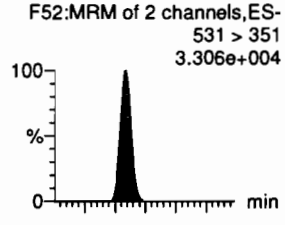


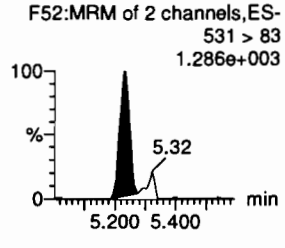
L-PFOS



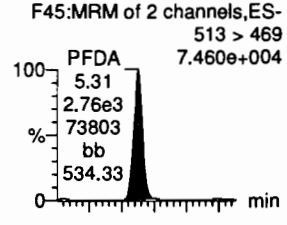


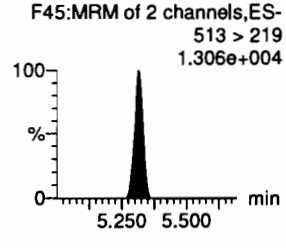
9Cl-PF30NS



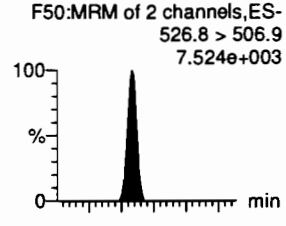


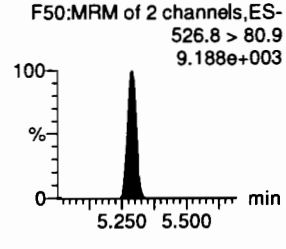
PFDA



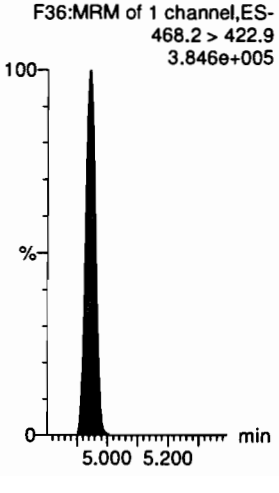


8:2 FTS

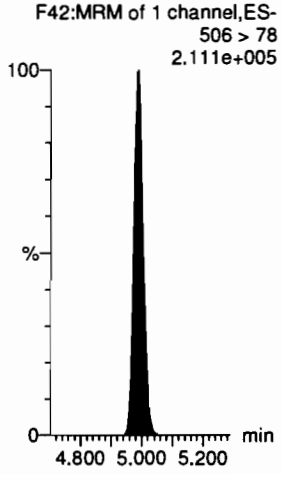




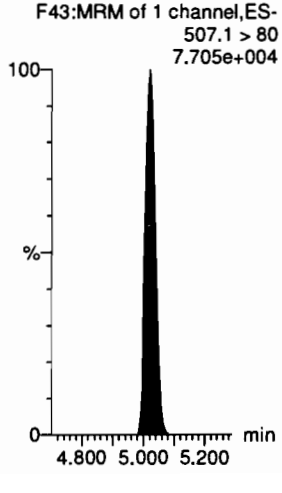
13C5-PFNA-EIS



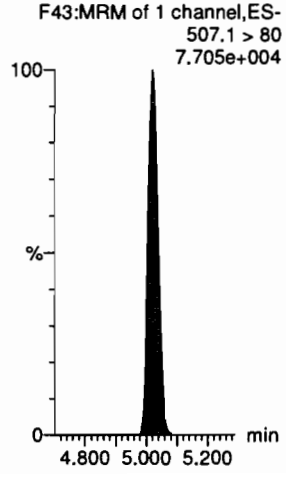
13C8-PFOSA-EIS



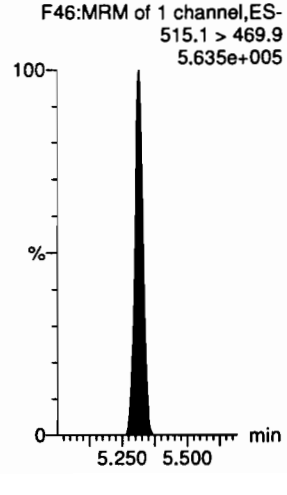
13C8-PFOS-EIS



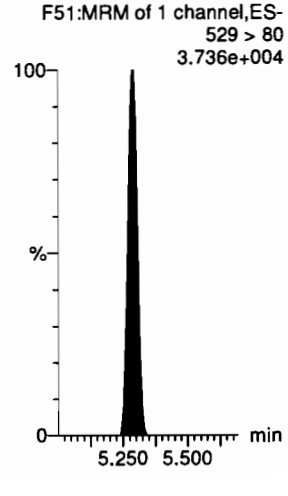
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

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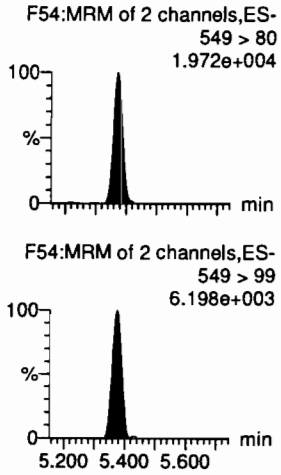
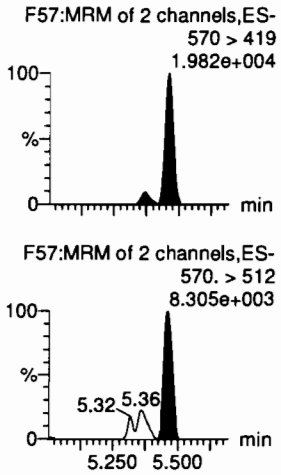
Name: 200706P1-22, Date: 06-Jul-2020, Time: 13:45:26, ID: ST200706P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

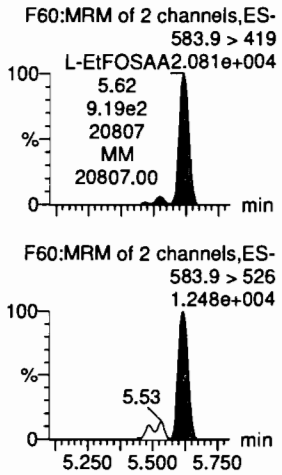
PFNS



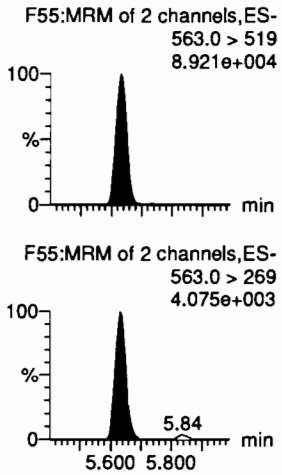
L-MeFOSAA



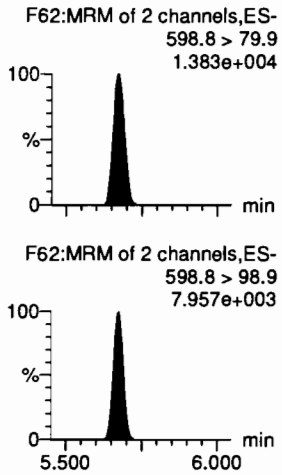
L-EtFOSAA



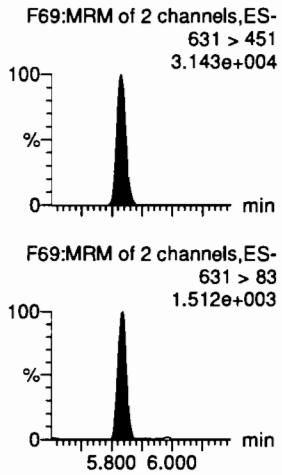
PFUdA



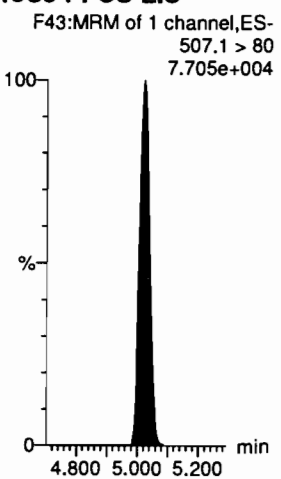
PFDS



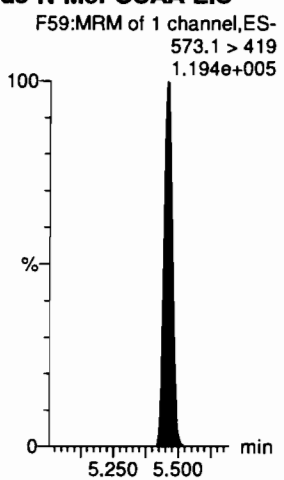
11Cl-PF30UdS



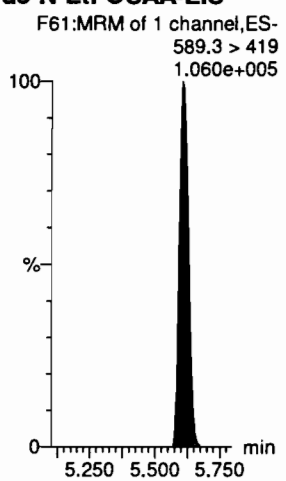
13C8-PFOS-EIS



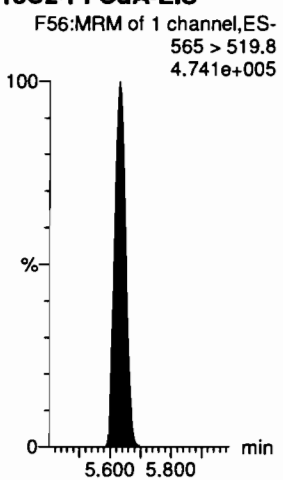
d3-N-MeFOSAA-EIS



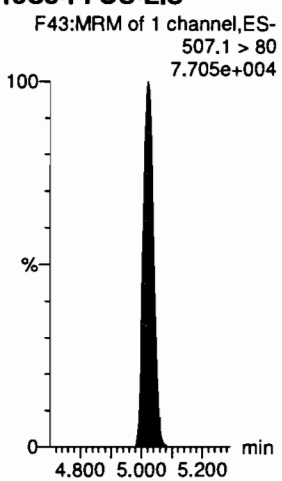
d5-N-EtFOSAA-EIS



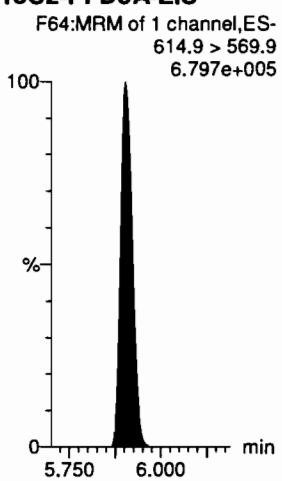
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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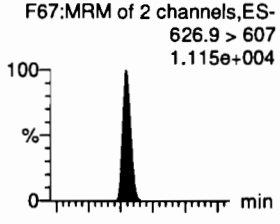
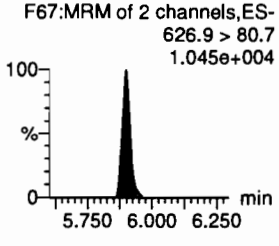
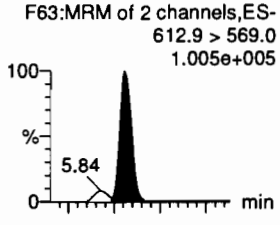
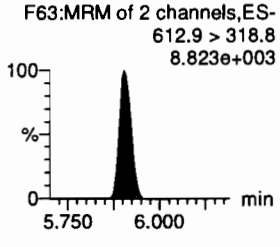
10:2 FTS



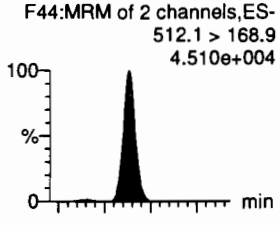


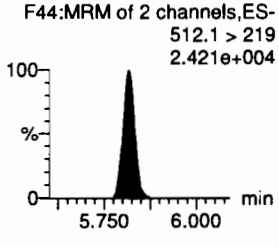
PFDoA



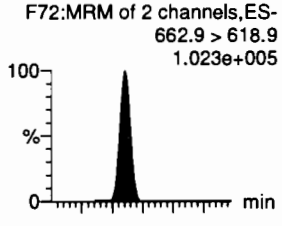


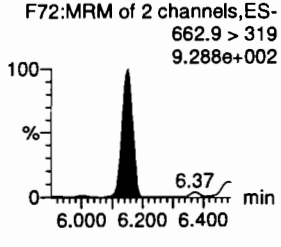
N-MeFOSA



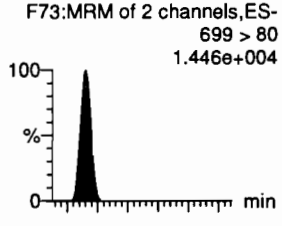


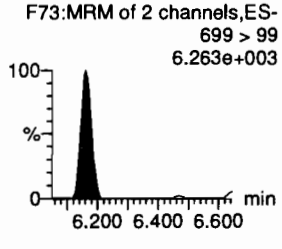
PFTrDA



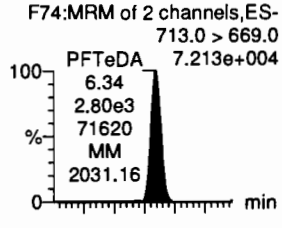


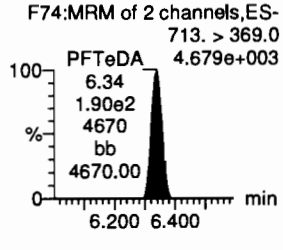
PFDoS



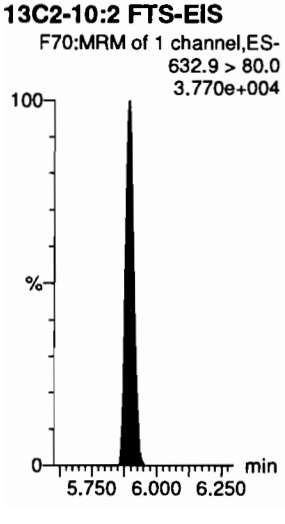


PFTeDA

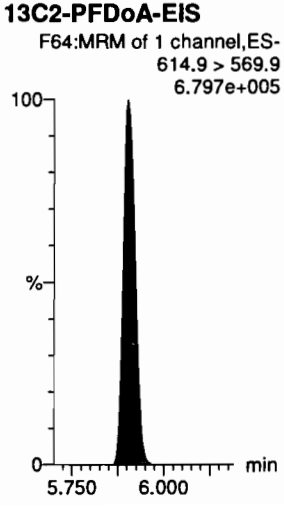




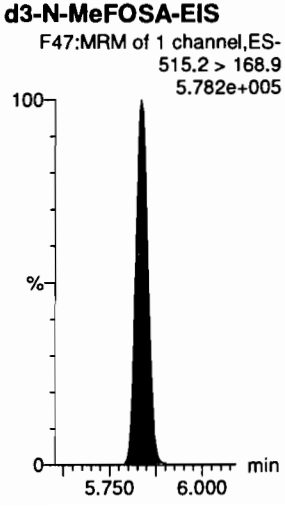
13C2-10:2 FTS-EIS



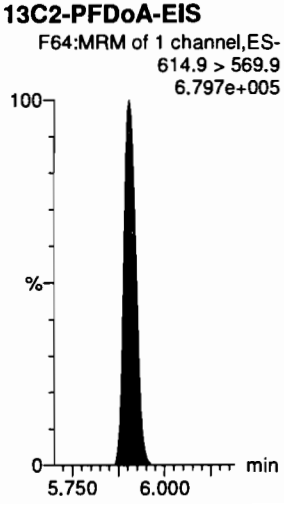
13C2-PFDoA-EIS



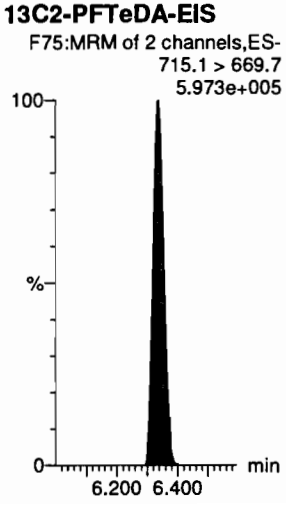
d3-N-MeFOSA-EIS



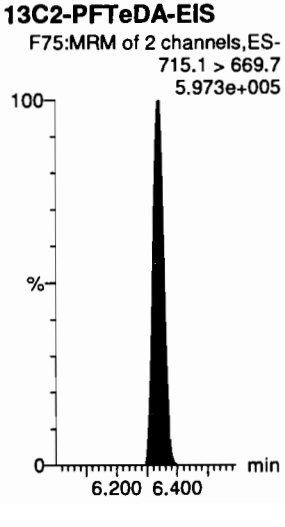
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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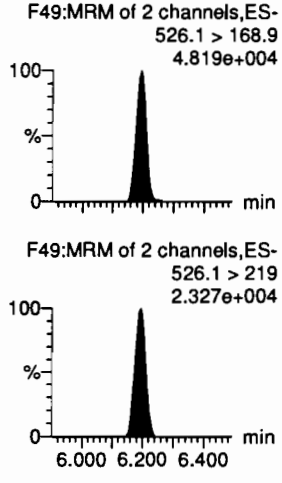
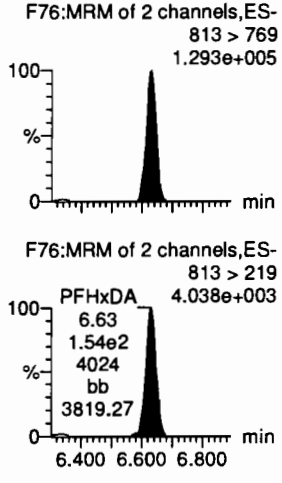
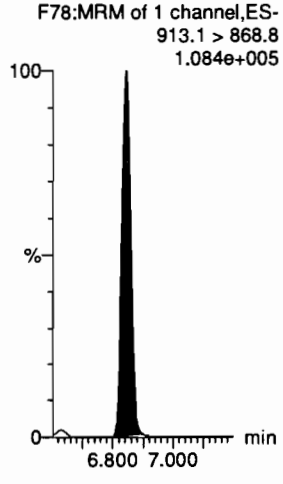
N-EtFOSA



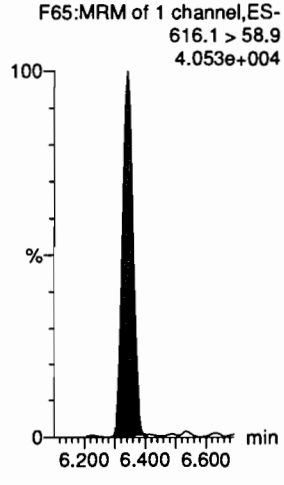
PFHxDA



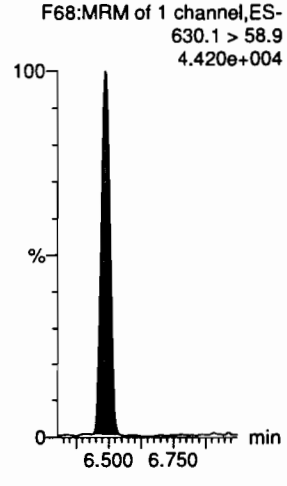
PFODA



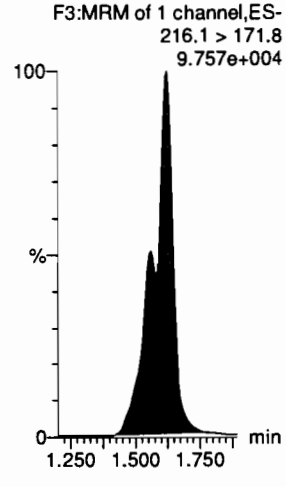
N-MeFOSE



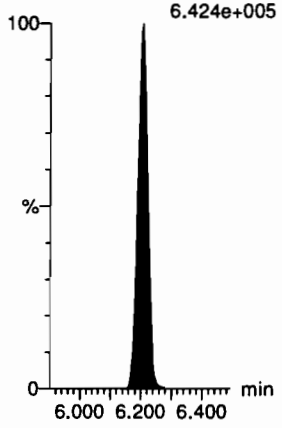
N-EtFOSE



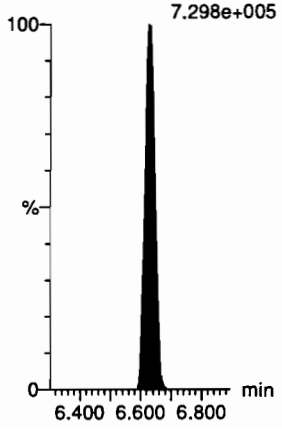
13C3-PFBA-RSD



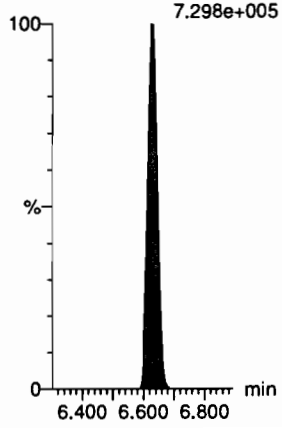
d5-N-ETFOSA-EIS



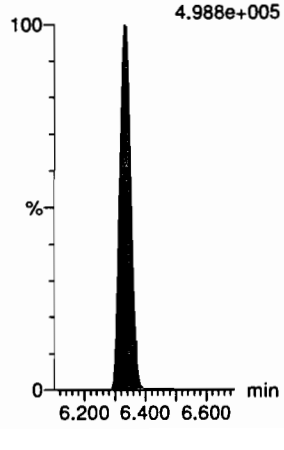
13C2-PFHxDA-EIS



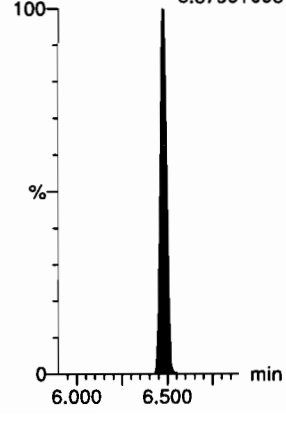
13C2-PFHxDA-EIS



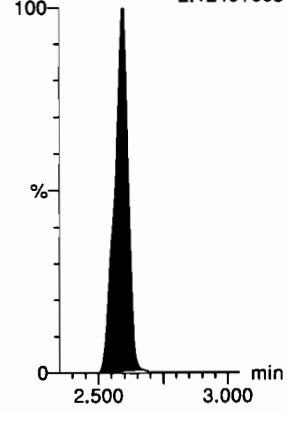
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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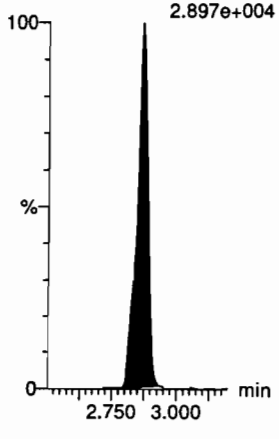
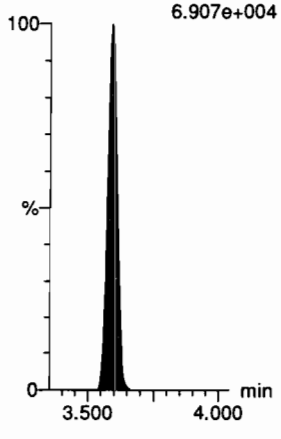
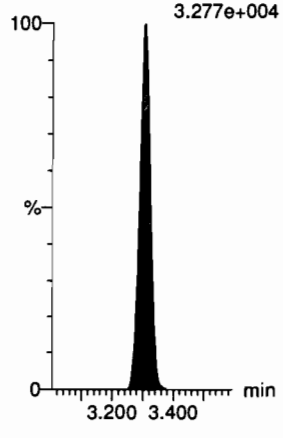
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.897e+004



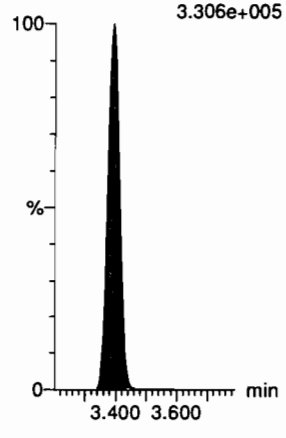
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
6.907e+004



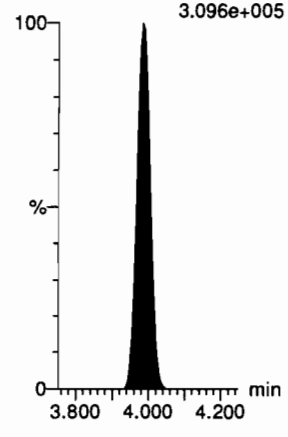
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.277e+004



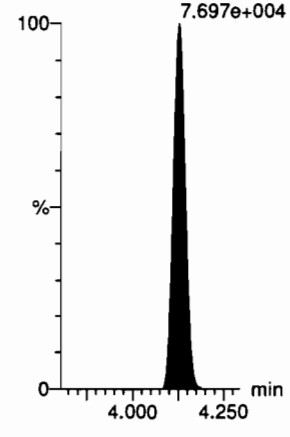
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.306e+005



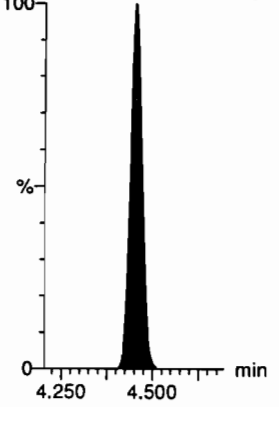
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.096e+005



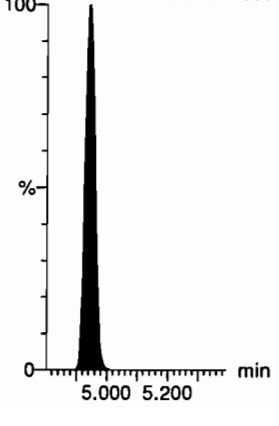
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
7.697e+004



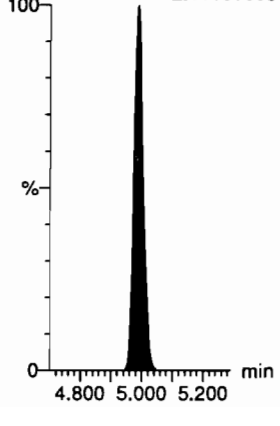
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.211e+004



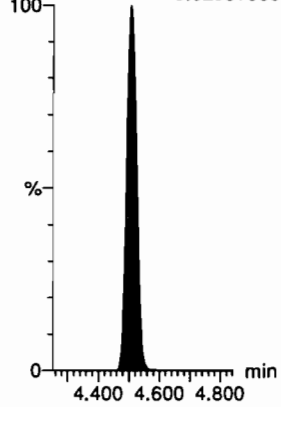
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.846e+005



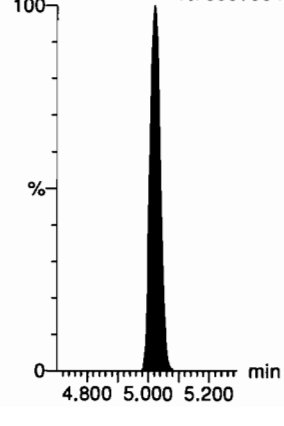
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
2.111e+005



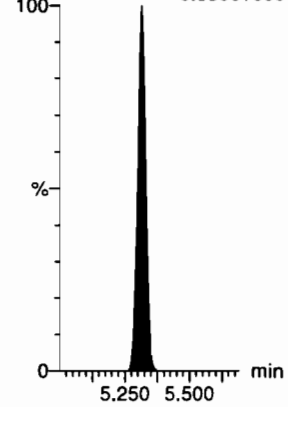
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.923e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
7.705e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.635e+005



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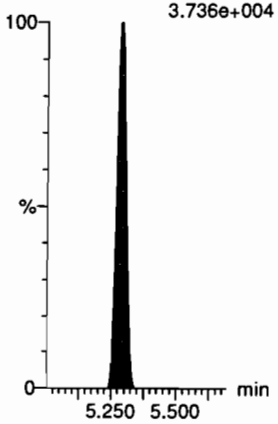
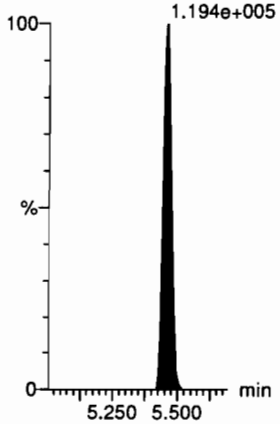
Name: 200706P1-22, Date: 06-Jul-2020, Time: 13:45:26, ID: ST200706P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

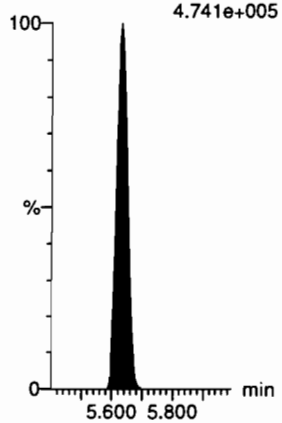
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
3.736e+004



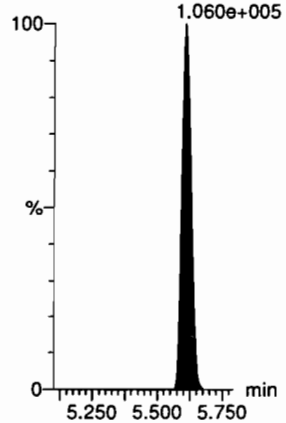
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.194e+005



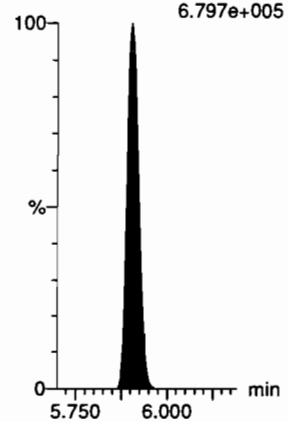
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.741e+005



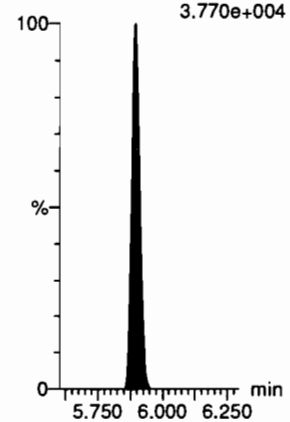
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.060e+005



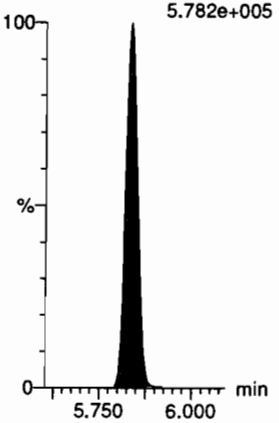
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
6.797e+005



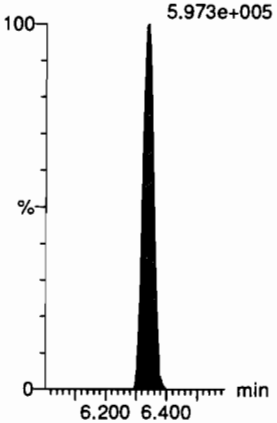
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
3.770e+004



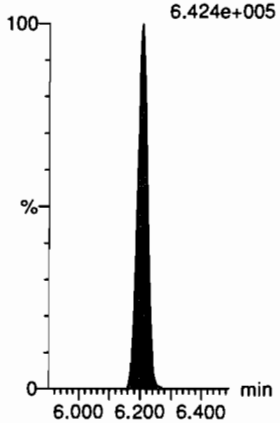
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.782e+005



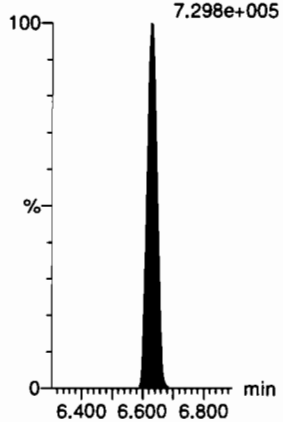
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.973e+005



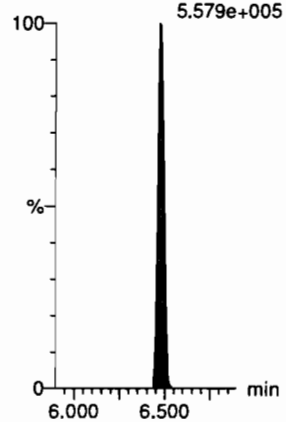
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.424e+005



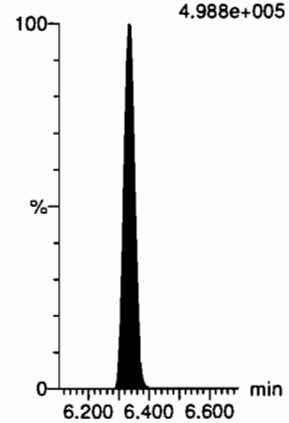
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.298e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
5.579e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
4.988e+005



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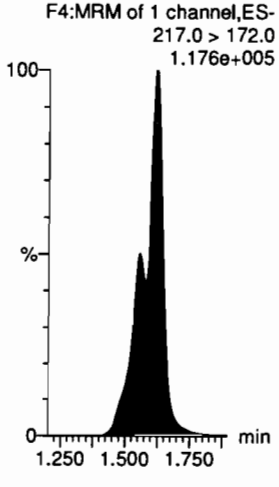
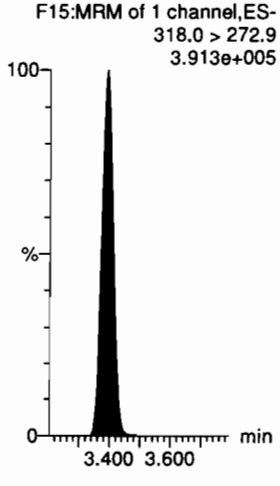
Name: 200706P1-22, Date: 06-Jul-2020, Time: 13:45:26, ID: ST200706P1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

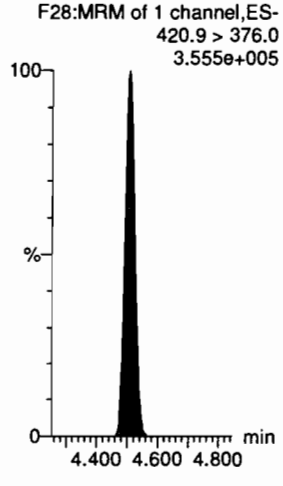
13C4-PFBA



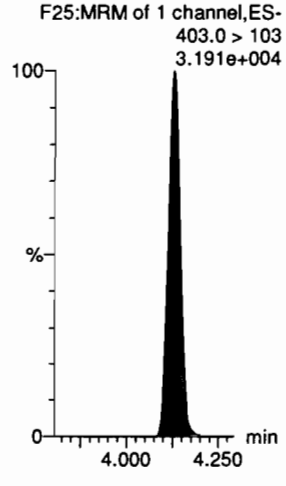
13C5-PFHxA



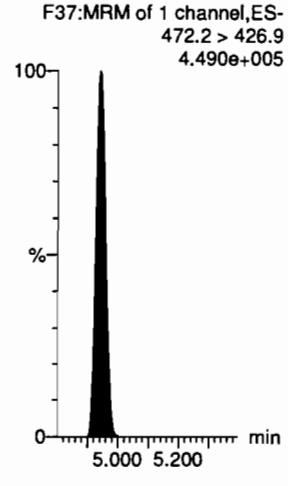
13C8-PFOA



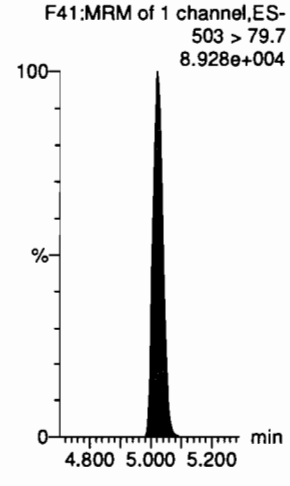
18O2-PFHxS



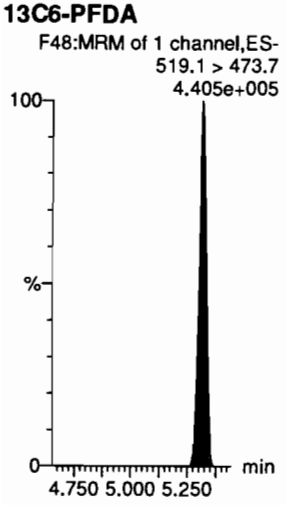
13C9-PFNA



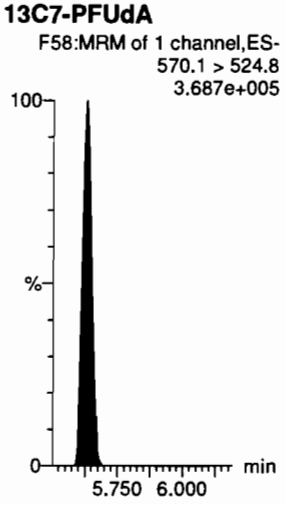
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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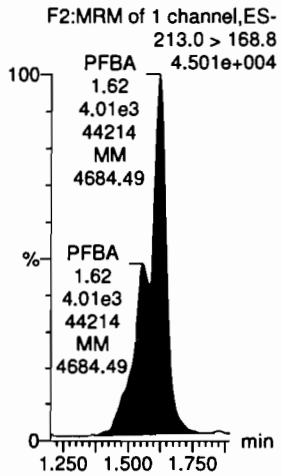
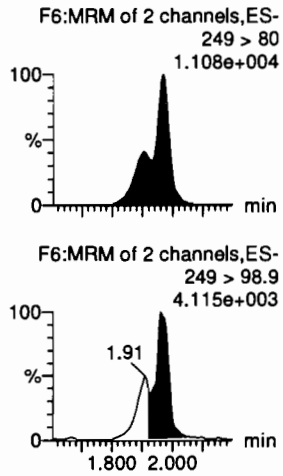
Name: 200706P1-23, Date: 06-Jul-2020, Time: 13:55:58, ID: ST200706P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

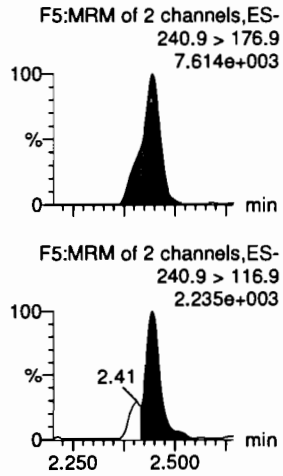
PFBA



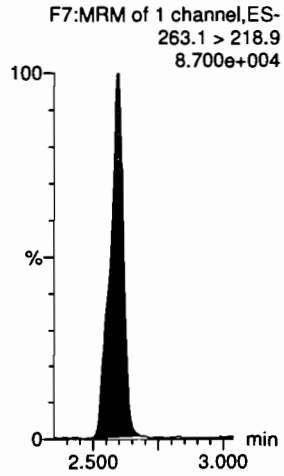
PFPrS



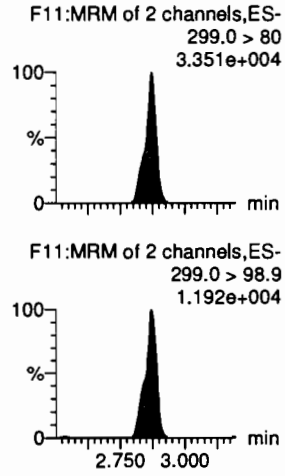
3:3 FTCA



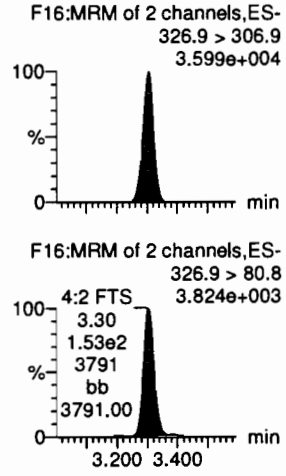
PFPeA



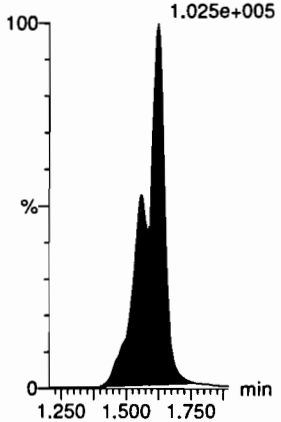
PFBS



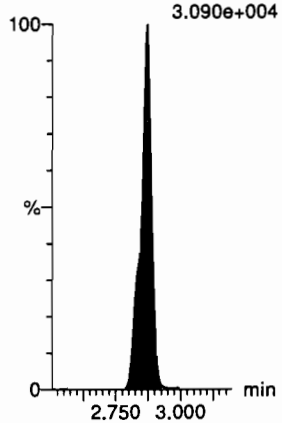
4:2 FTS



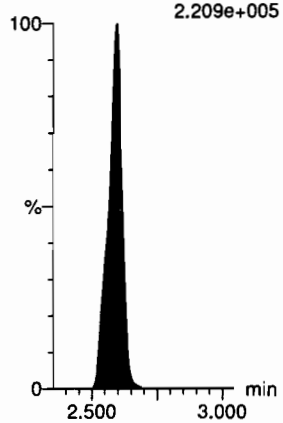
13C3-PFBA-EIS



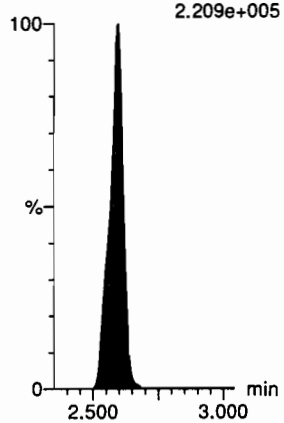
13C3-PFBS-EIS



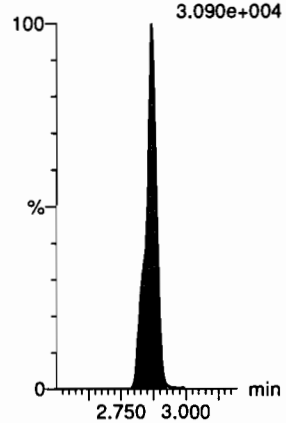
13C3-PFPeA-EIS



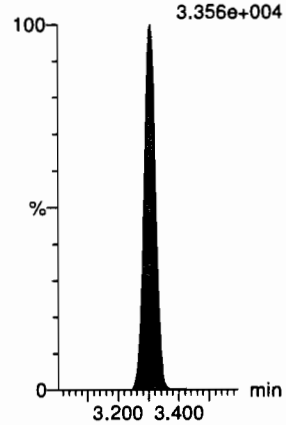
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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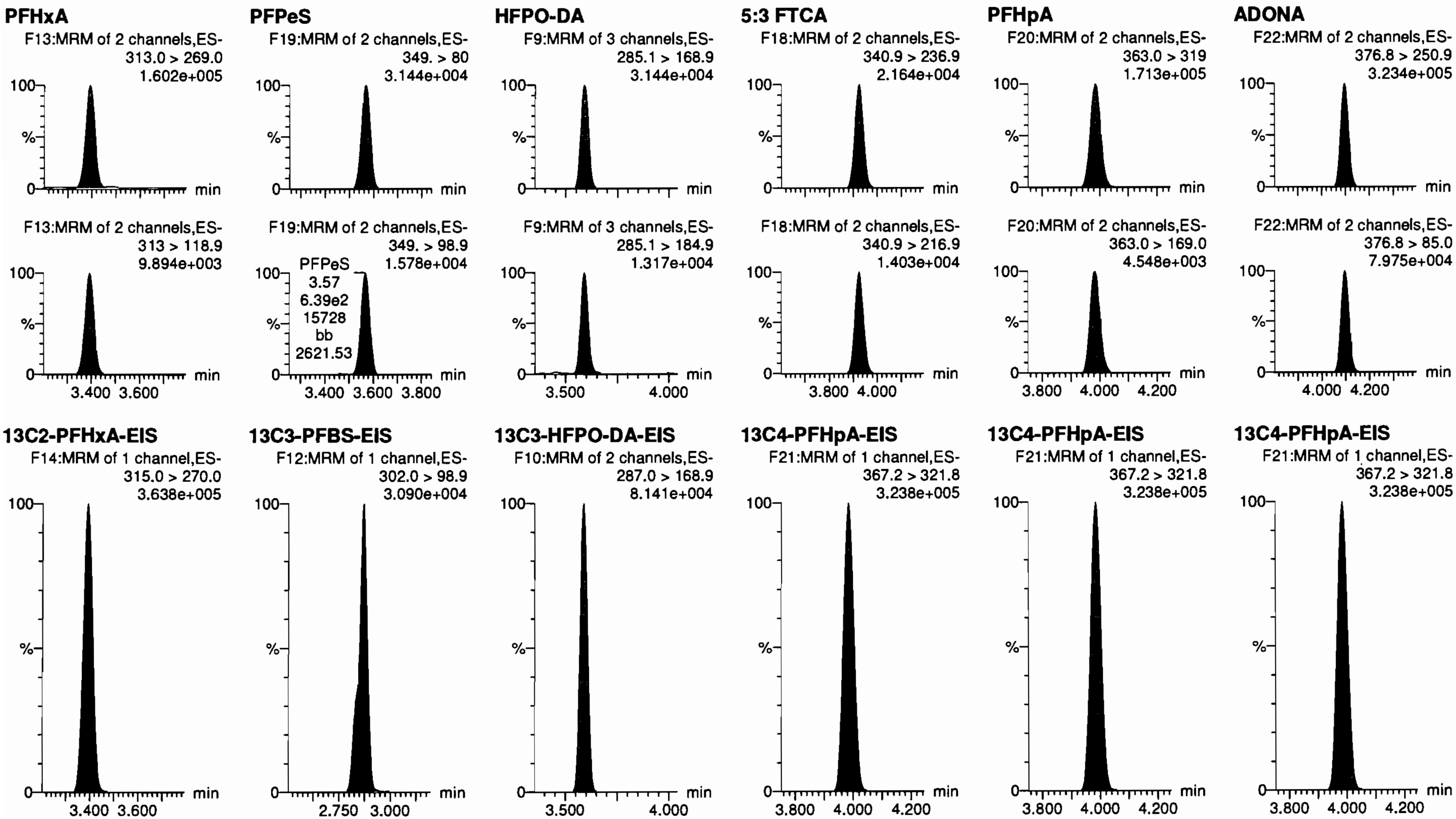

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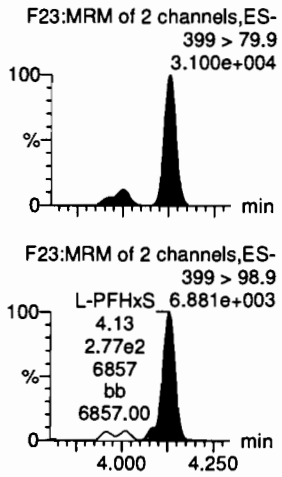
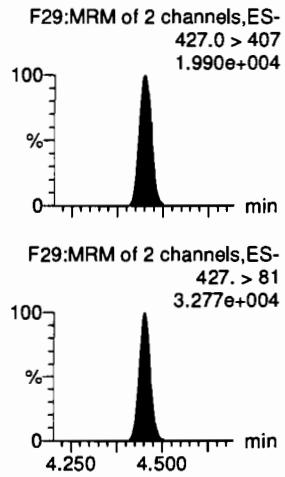
Name: 200706P1-23, Date: 06-Jul-2020, Time: 13:55:58, ID: ST200706P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

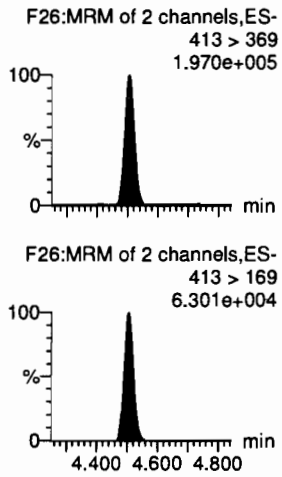
L-PFHxS



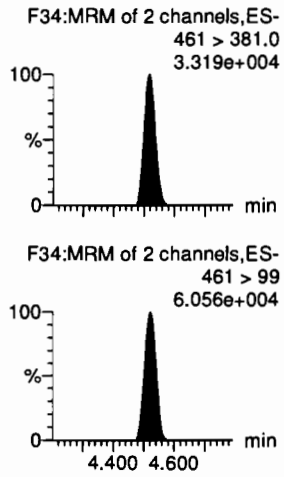
6:2 FTS



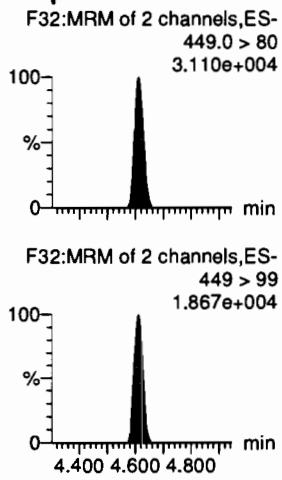
L-PFOA



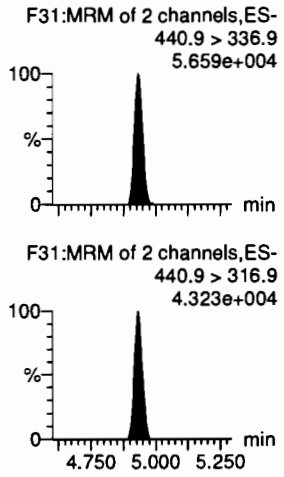
PFEChS



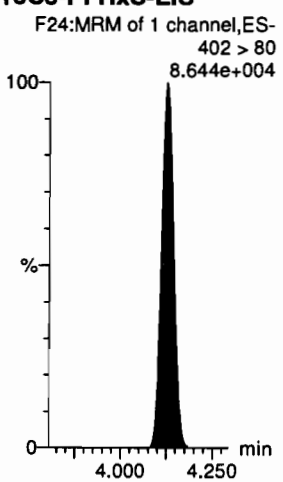
PFHpS



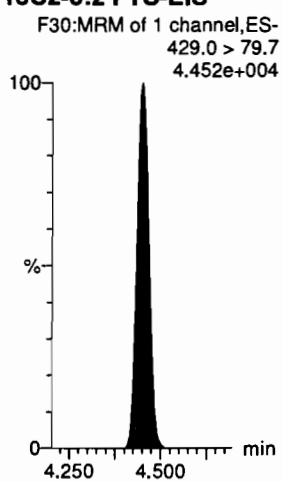
7:3 FTCA



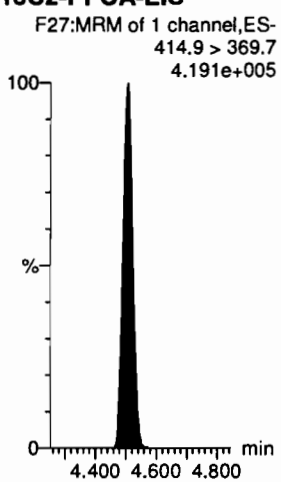
13C3-PFHxS-EIS



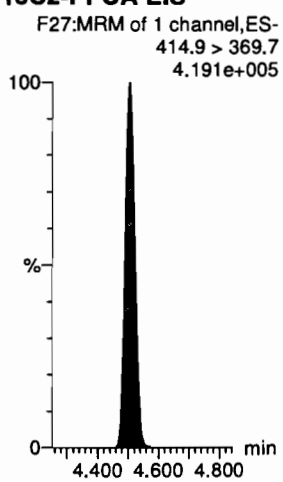
13C2-6:2 FTS-EIS



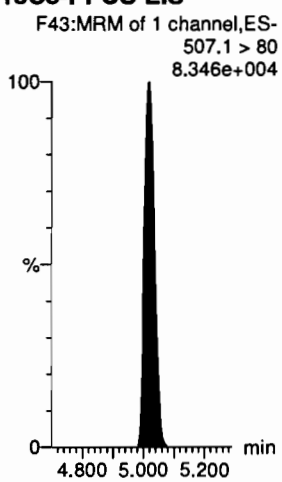
13C2-PFOA-EIS



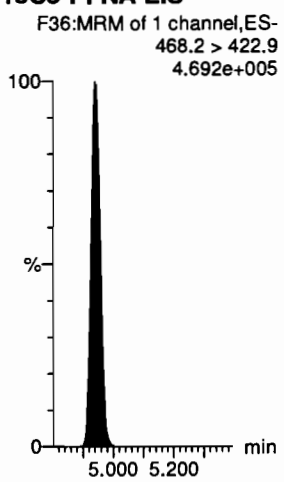
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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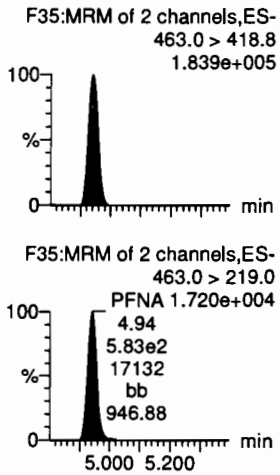
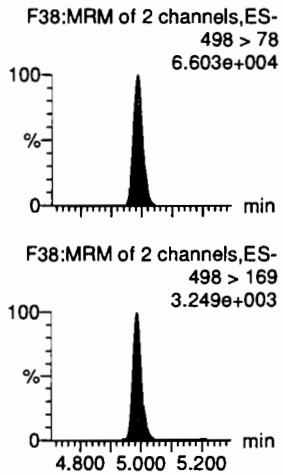
Name: 200706P1-23, Date: 06-Jul-2020, Time: 13:55:58, ID: ST200706P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

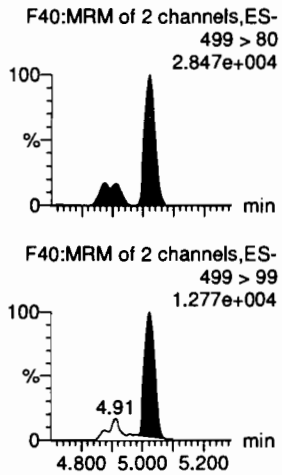
PFNA



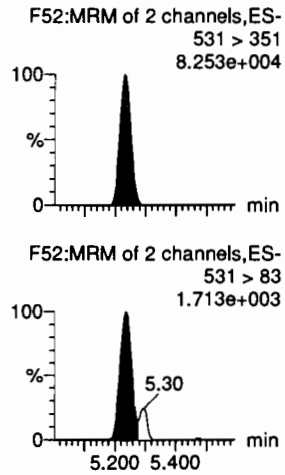
PFOSA



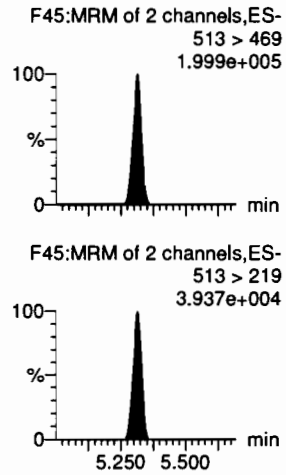
L-PFOS



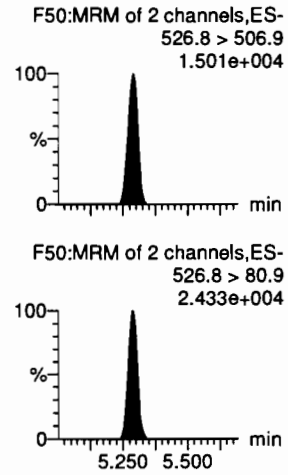
9Cl-PF30NS



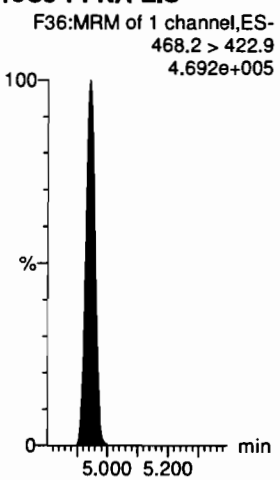
PFDA



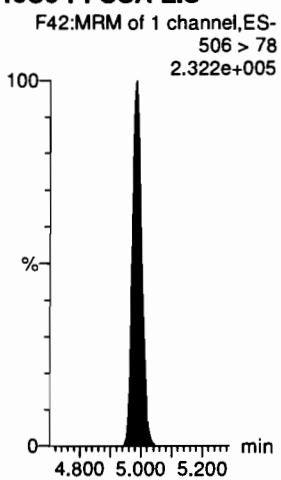
8:2 FTS



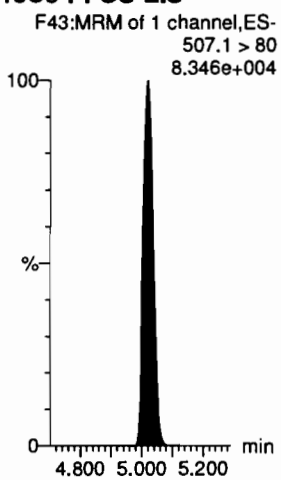
13C5-PFNA-EIS



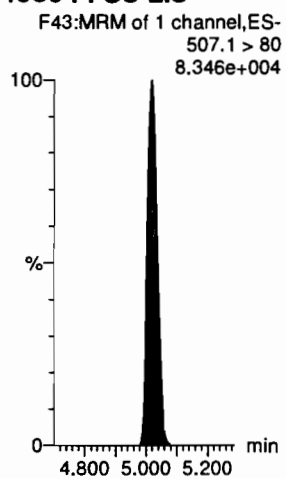
13C8-PFOSA-EIS



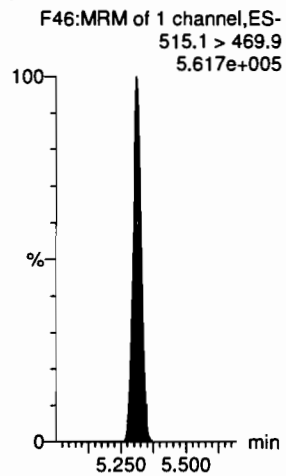
13C8-PFOS-EIS



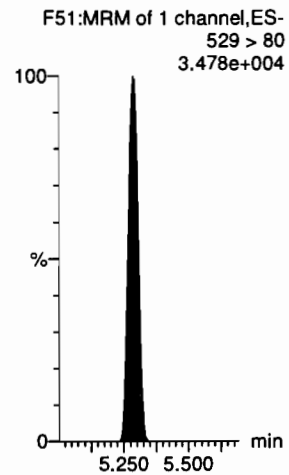
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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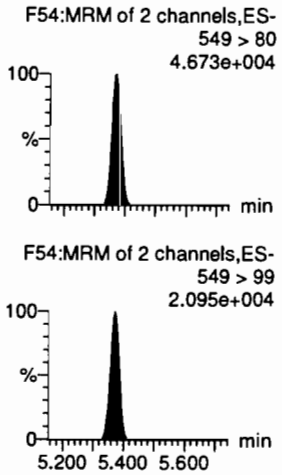
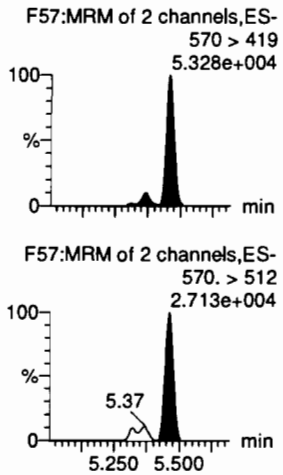
Name: 200706P1-23, Date: 06-Jul-2020, Time: 13:55:58, ID: ST200706P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

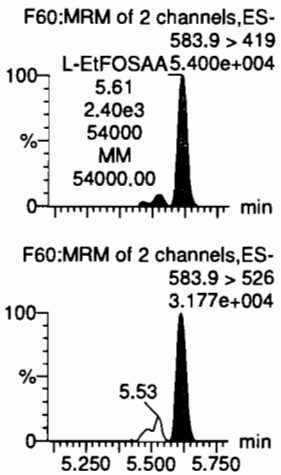
PFNS



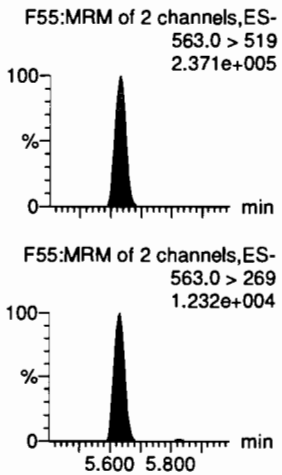
L-MeFOSAA



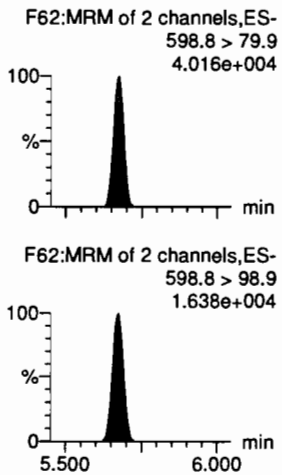
L-EtFOSAA



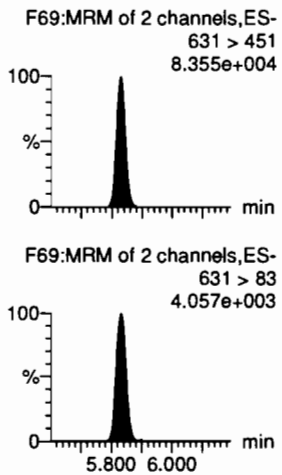
PFUdA



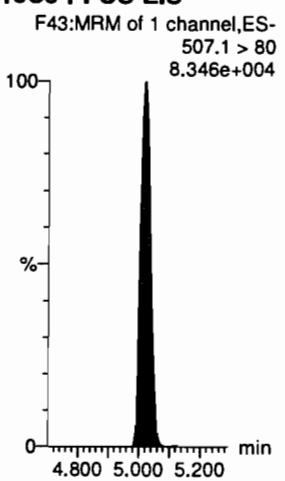
PFDS



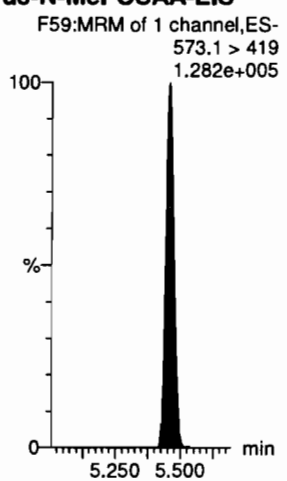
11Cl-PF30UdS



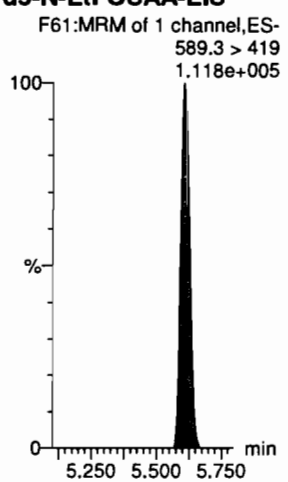
13C8-PFOS-EIS



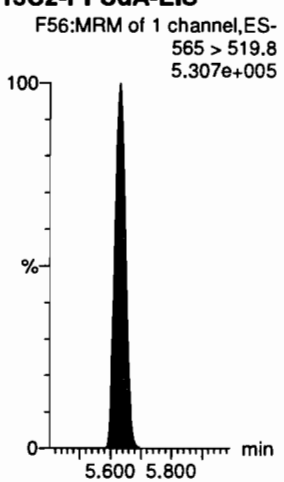
d3-N-MeFOSAA-EIS



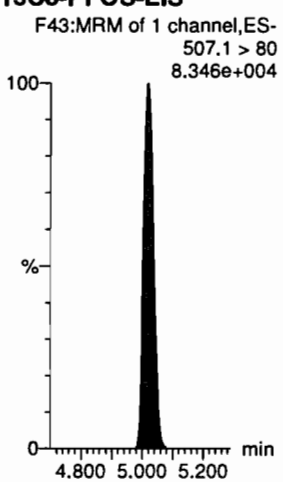
d5-N-EtFOSAA-EIS



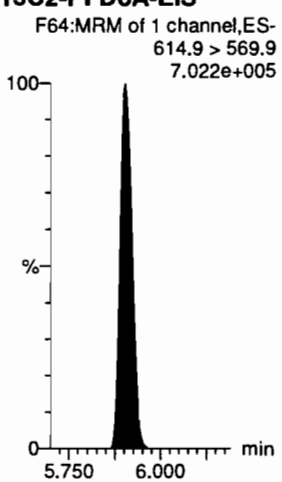
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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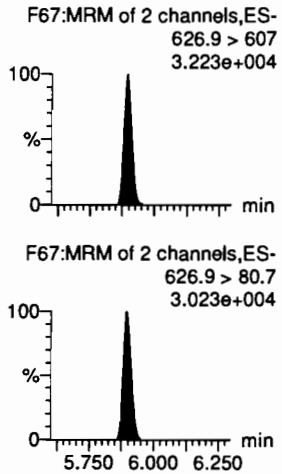
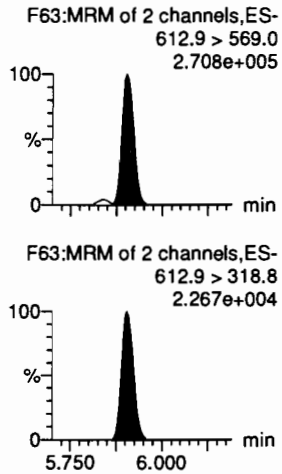
Name: 200706P1-23, Date: 06-Jul-2020, Time: 13:55:58, ID: ST200706P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

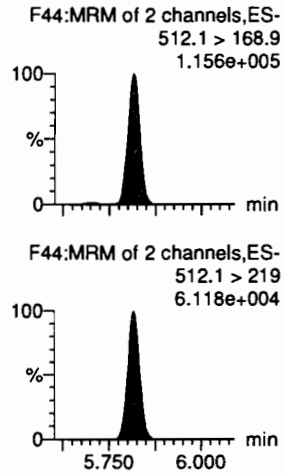
10:2 FTS



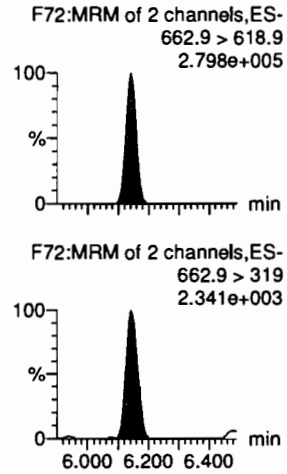
PFDoA



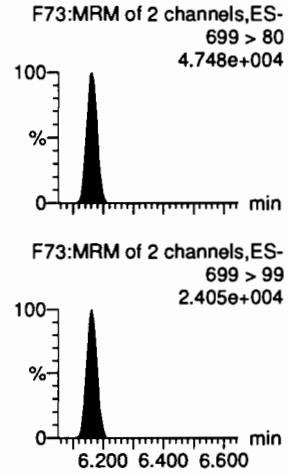
N-MeFOSA



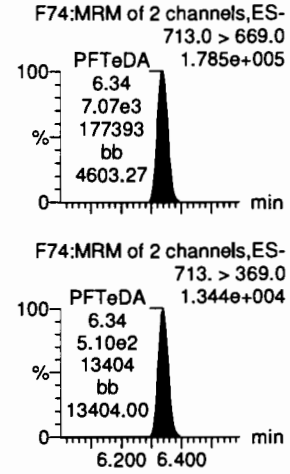
PFTrDA



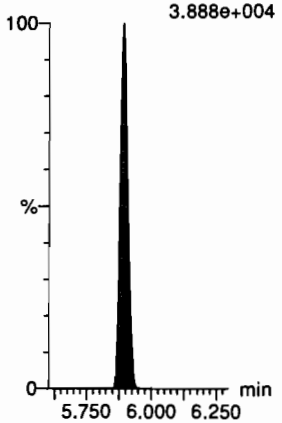
PFDoS



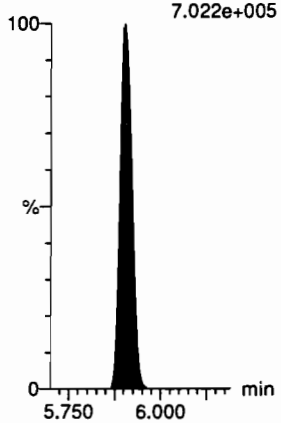
PFTeDA



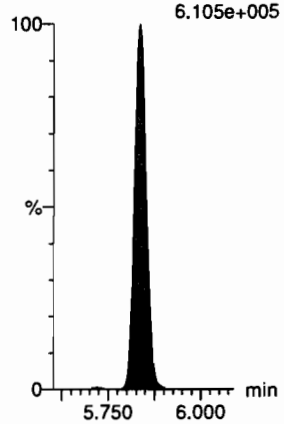
13C2-10:2 FTS-EIS



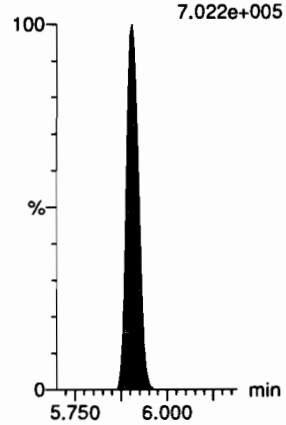
13C2-PFDoA-EIS



d3-N-MeFOSA-EIS

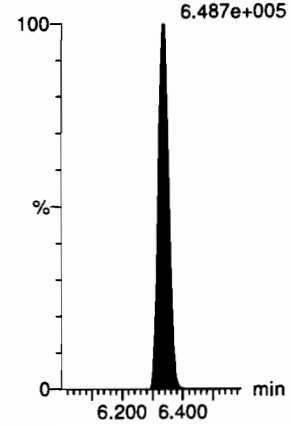


13C2-PFDoA-EIS



13C2-PFTeDA-EIS

13C2-PFTeDA-EIS



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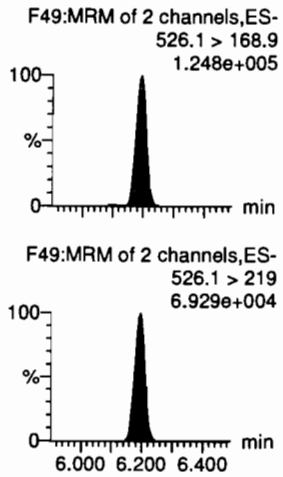
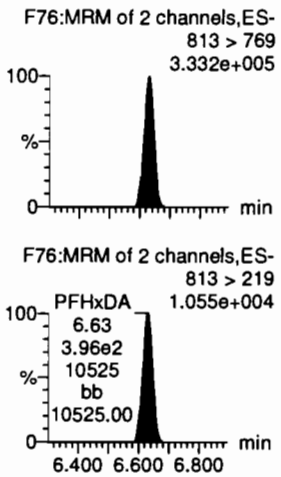
Name: 200706P1-23, Date: 06-Jul-2020, Time: 13:55:58, ID: ST200706P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

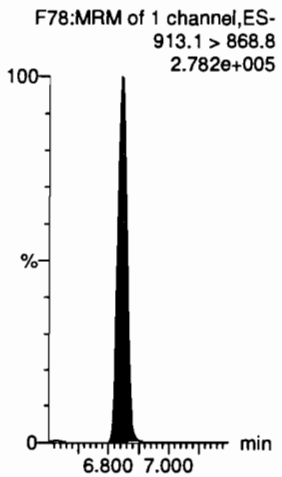
N-EtFOSA



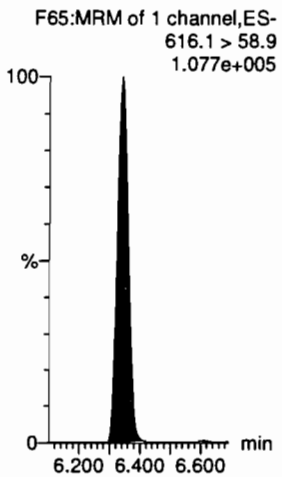
PFHxDA



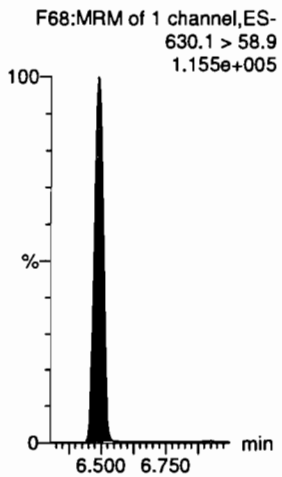
PFODA



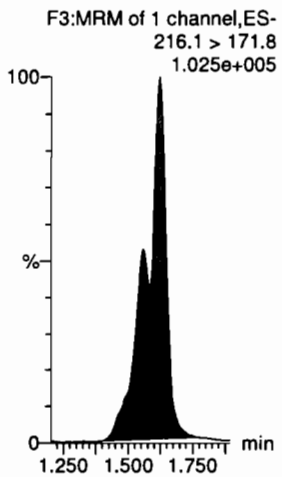
N-MeFOSE



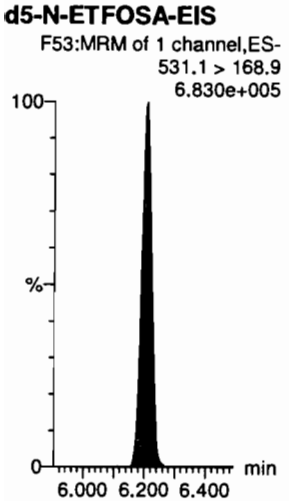
N-EtFOSE



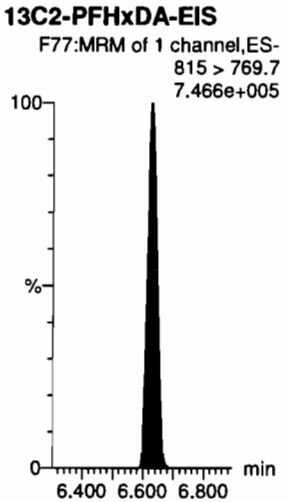
13C3-PFBA-RSD



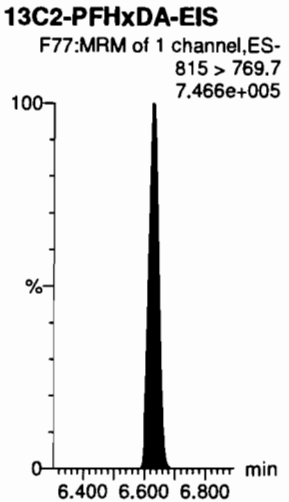
d5-N-ETFOSA-EIS



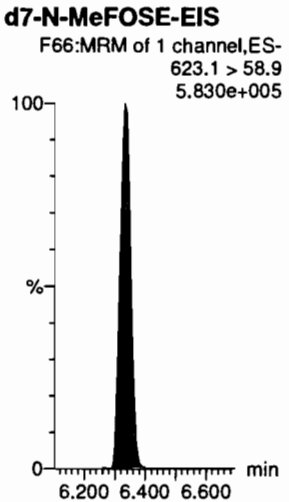
13C2-PFHxDA-EIS



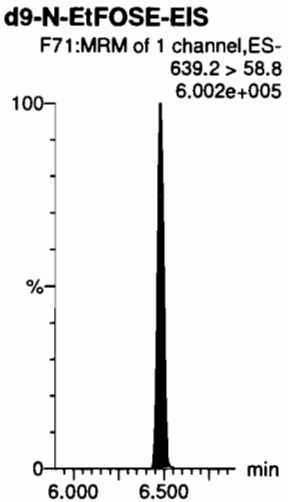
13C2-PFHxDA-EIS



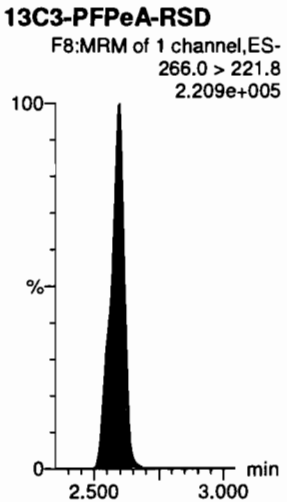
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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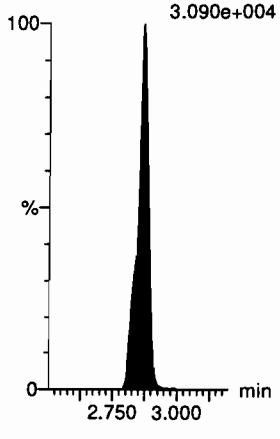
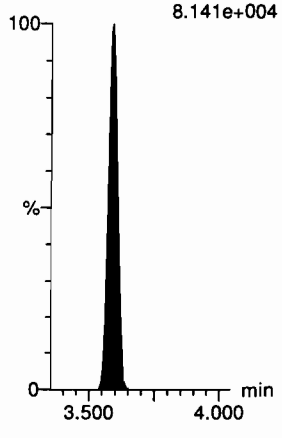
Name: 200706P1-23, Date: 06-Jul-2020, Time: 13:55:58, ID: ST200706P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

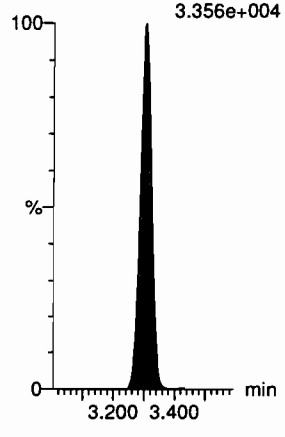
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
3.090e+004



13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
8.141e+004

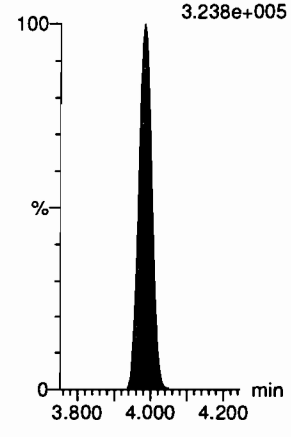


13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.356e+004

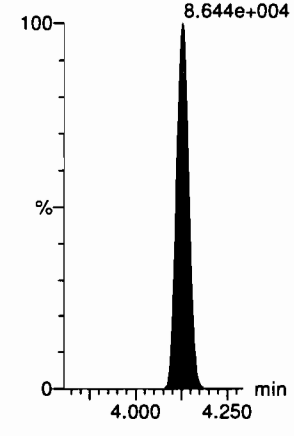


13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.638e+005

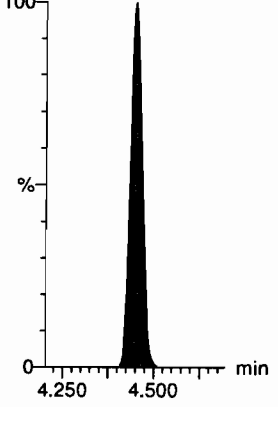
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.238e+005



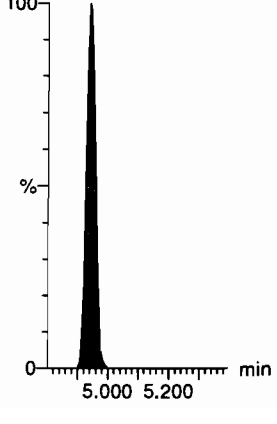
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
8.644e+004



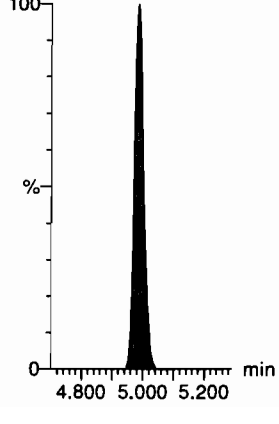
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.452e+004



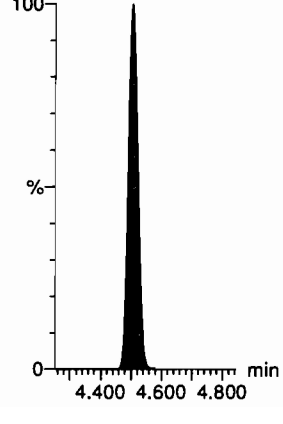
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.692e+005



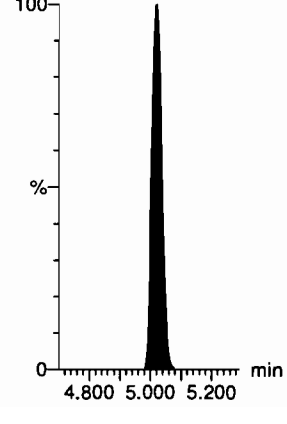
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
2.322e+005



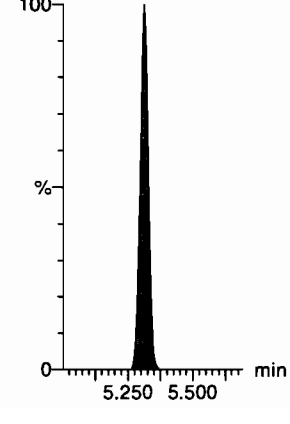
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.191e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
8.346e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.617e+005



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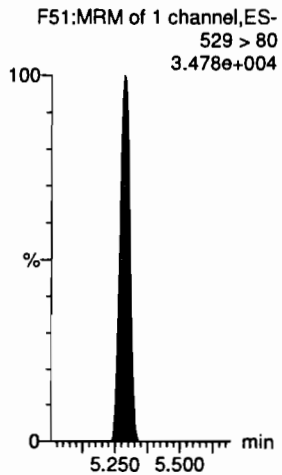
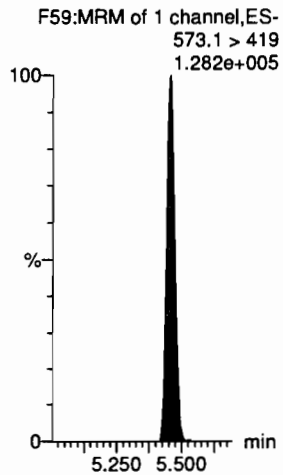
Name: 200706P1-23, Date: 06-Jul-2020, Time: 13:55:58, ID: ST200706P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

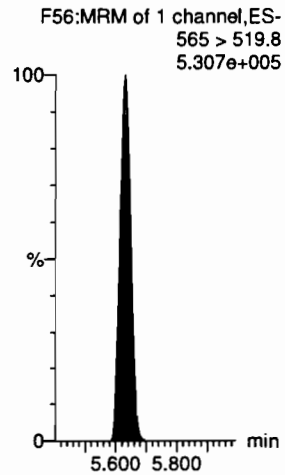
13C2-8:2 FTS-RSD



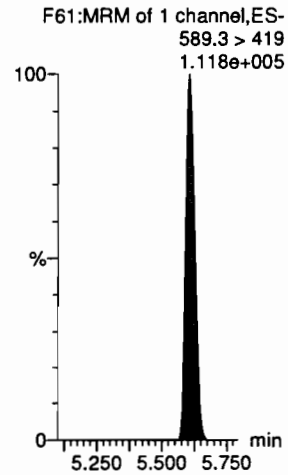
d3-N-MeFOSAA-RSD



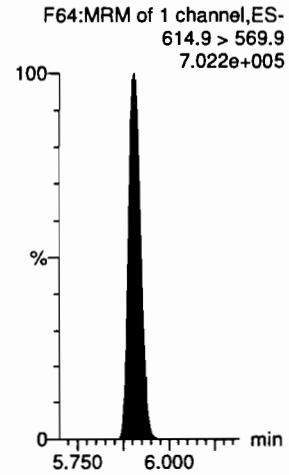
13C2-PFUdA-RSD



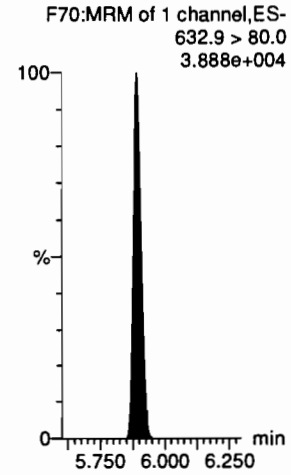
d5-N-EtFOSAA-RSD



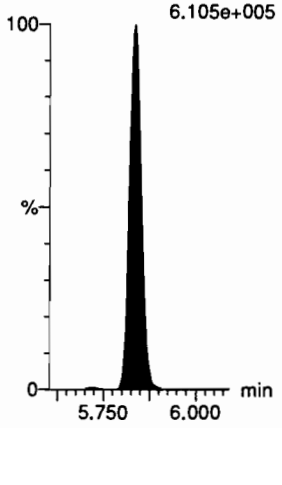
13C2-PFDoA-RSD



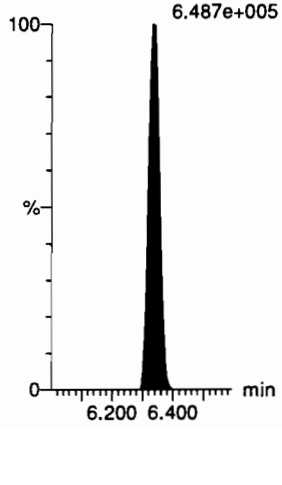
13C2-10:2 FTS-RSD



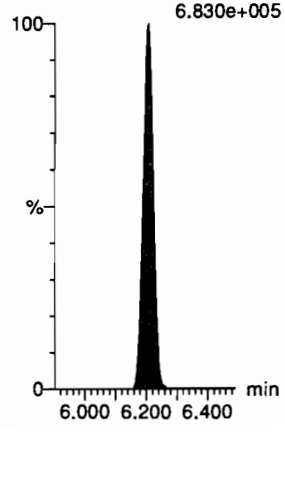
d3-N-MeFOSA-RSD



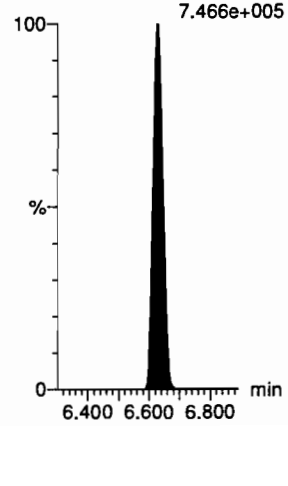
13C2-PFTeDA-RSD



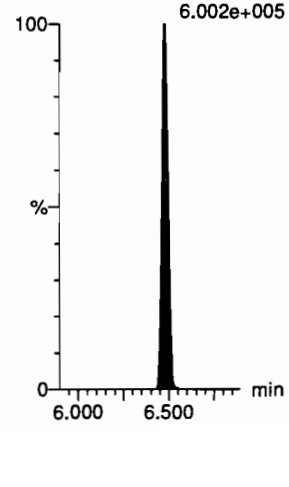
d5-N-ETFOSA-RSD



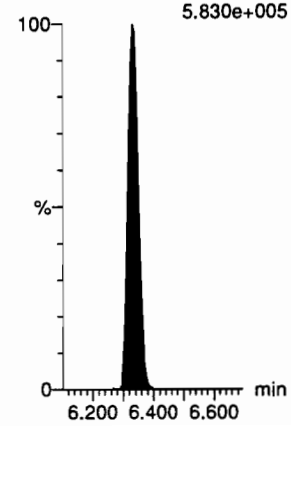
13C2-PFHxDA-RSD



d9-N-EtFOSE-RSD



d7-N-MeFOSE-RSD



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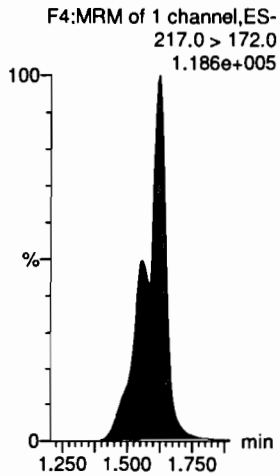
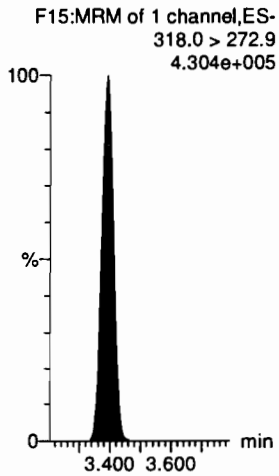
Name: 200706P1-23, Date: 06-Jul-2020, Time: 13:55:58, ID: ST200706P1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

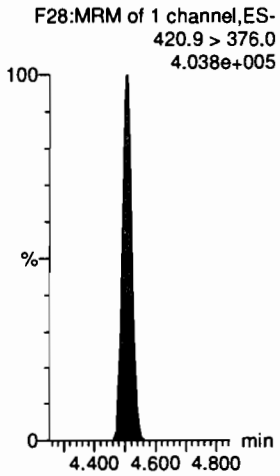
13C4-PFBA



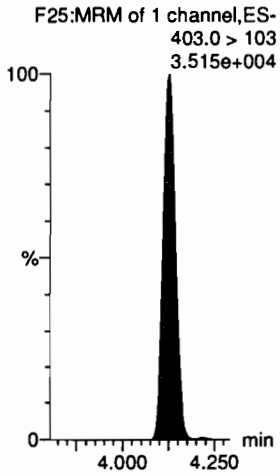
13C5-PFHxA



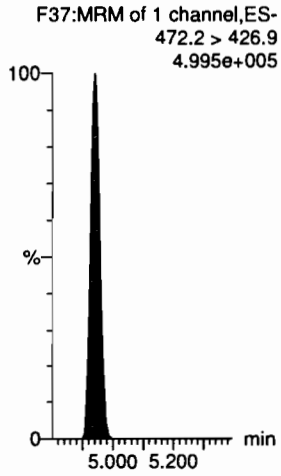
13C8-PFOA



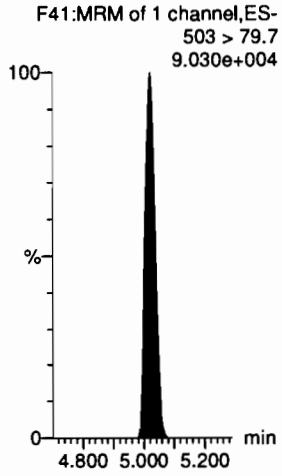
18O2-PFHxS



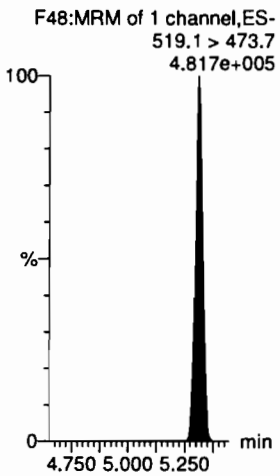
13C9-PFNA



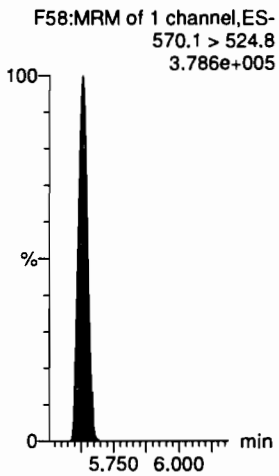
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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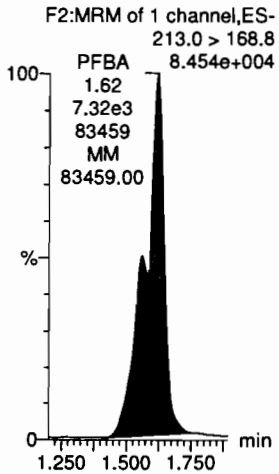
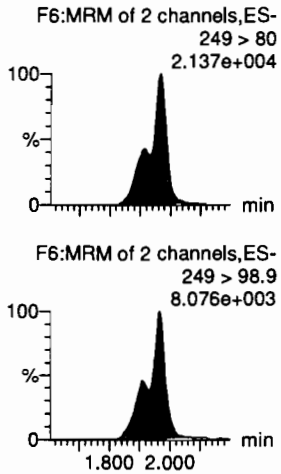
Name: 200706P1-24, Date: 06-Jul-2020, Time: 14:06:27, ID: ST200706P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

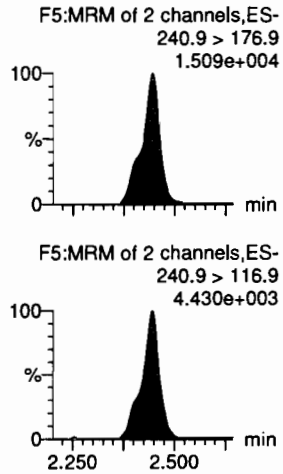
PFBA



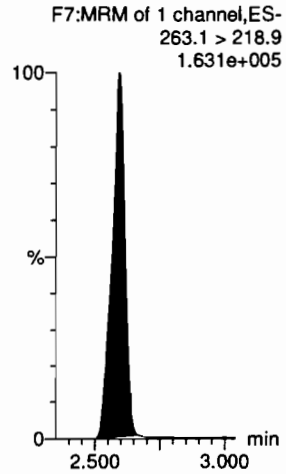
PFPrS



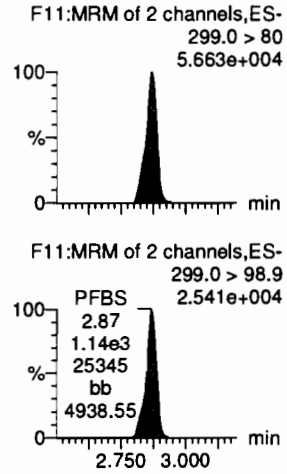
3:3 FTCA



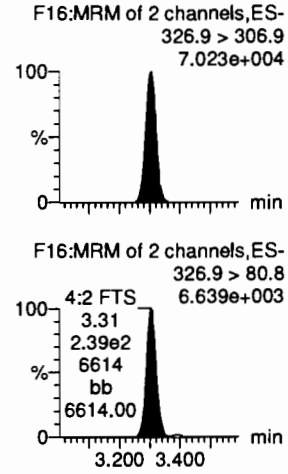
PFPeA



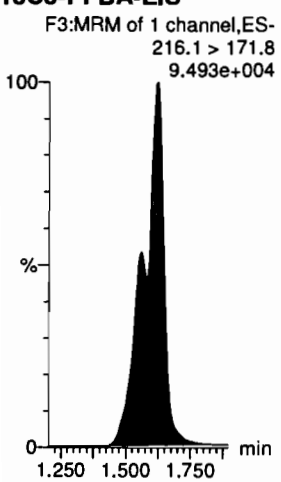
PFBS



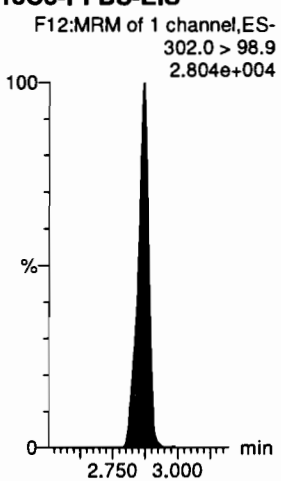
4:2 FTS



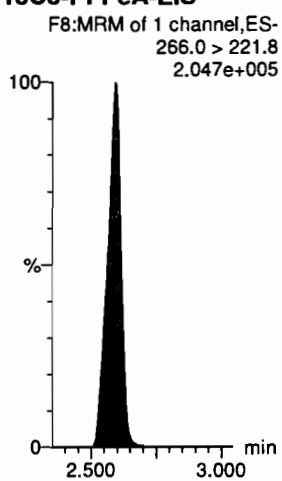
13C3-PFBA-EIS



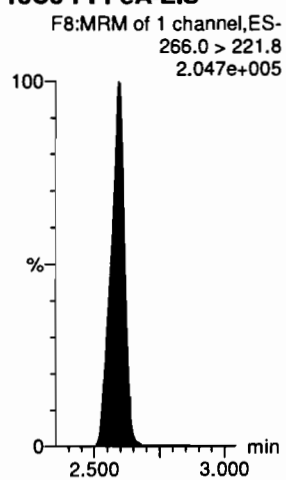
13C3-PFBS-EIS



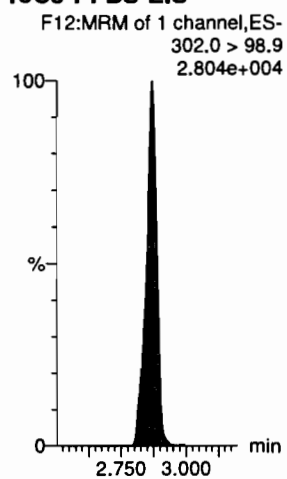
13C3-PFPeA-EIS



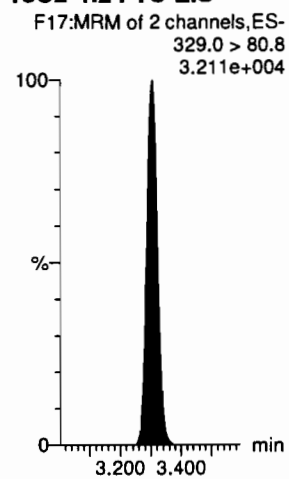
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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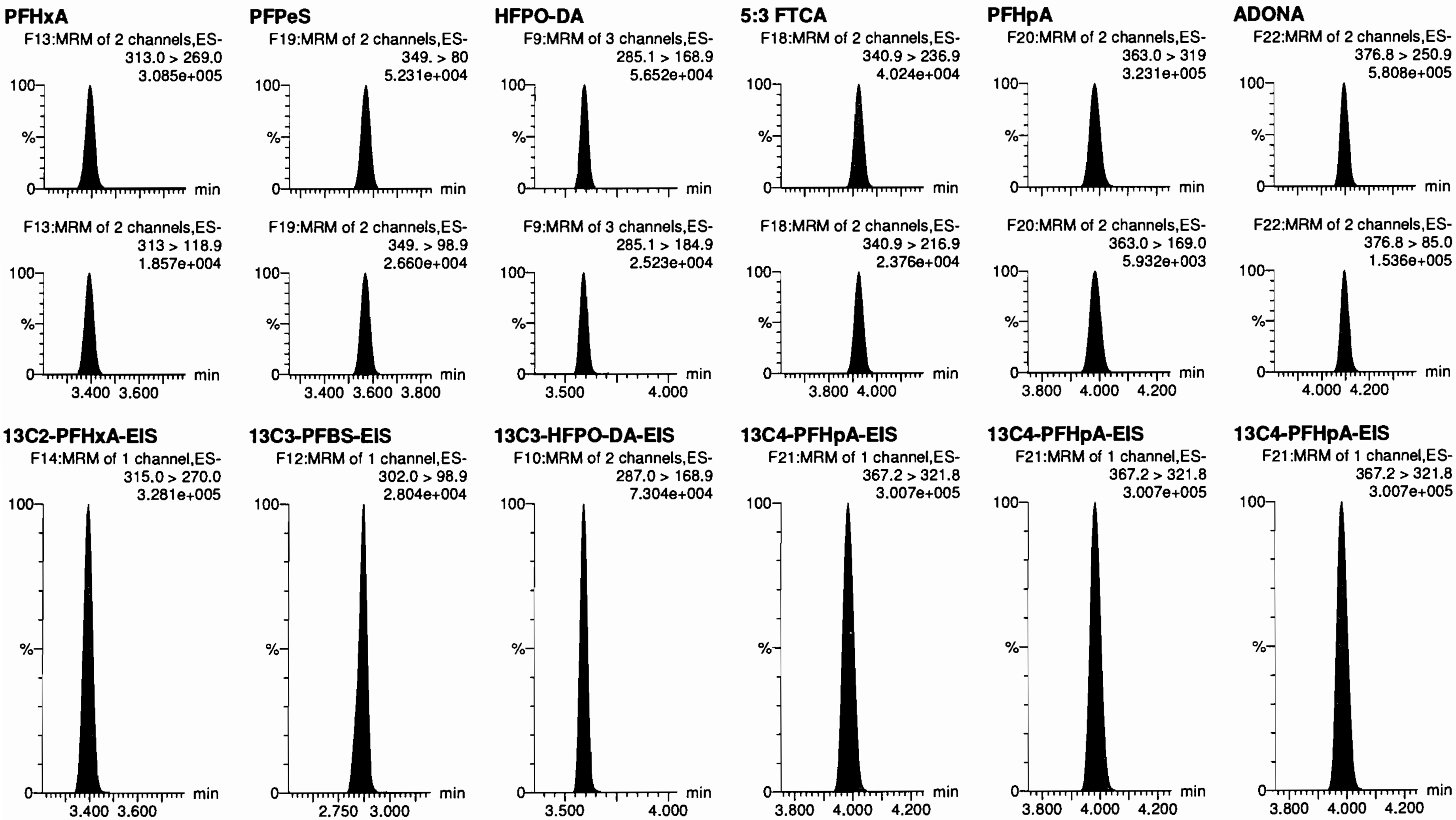
Name: 200706P1-24, Date: 06-Jul-2020, Time: 14:06:27, ID: ST200706P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906



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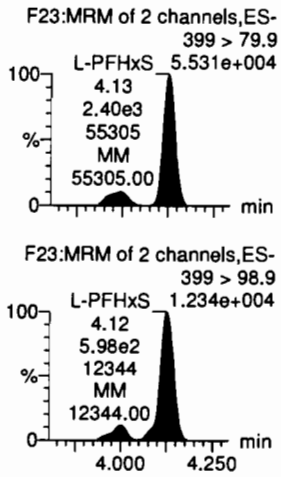
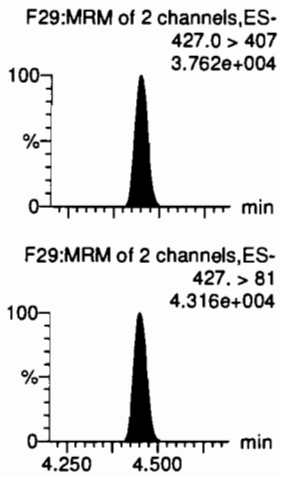
Name: 200706P1-24, Date: 06-Jul-2020, Time: 14:06:27, ID: ST200706P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

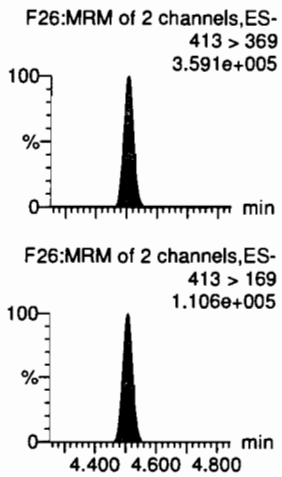
L-PFHxS



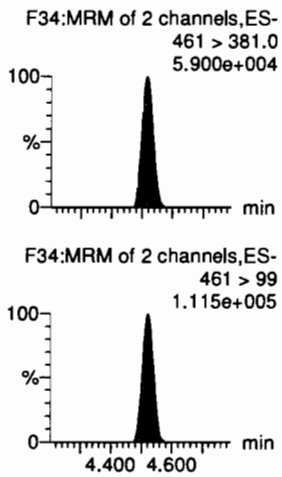
6:2 FTS



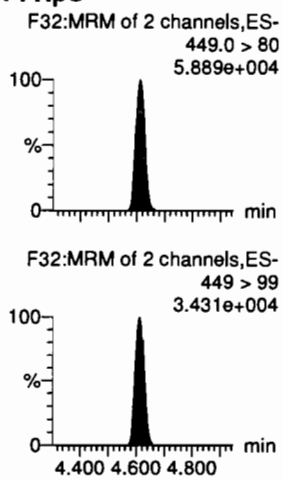
L-PFOA



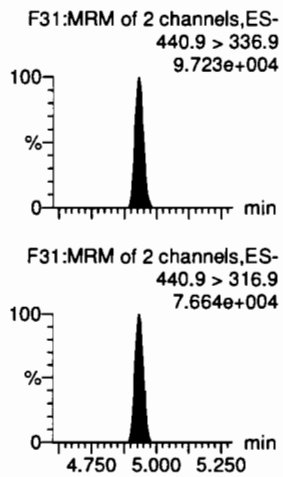
PFEChS



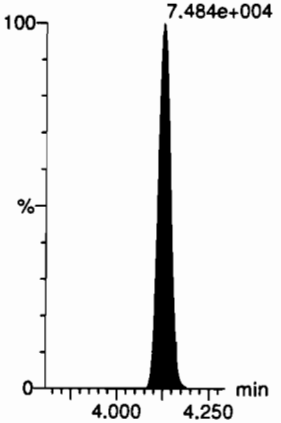
PFHpS



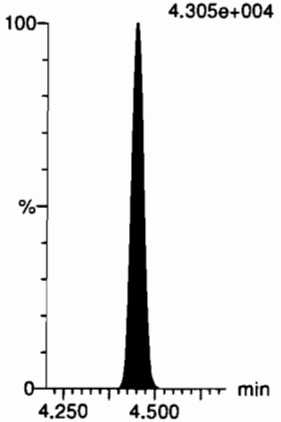
7:3 FTCA



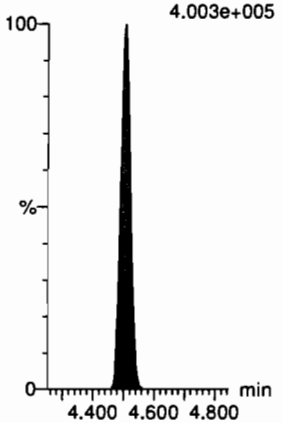
13C3-PFHxS-EIS



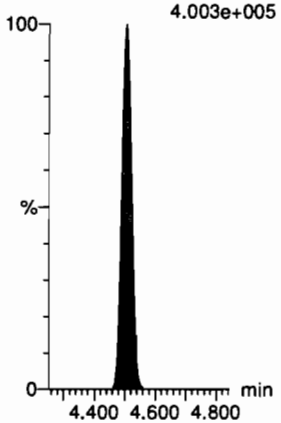
13C2-6:2 FTS-EIS



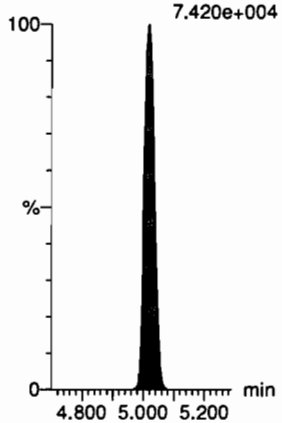
13C2-PFOA-EIS



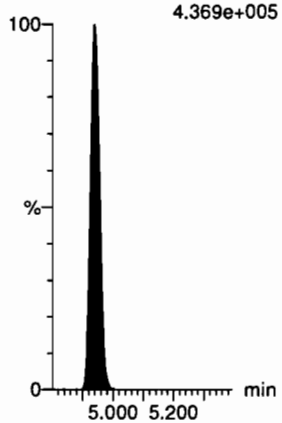
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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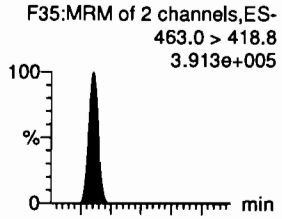
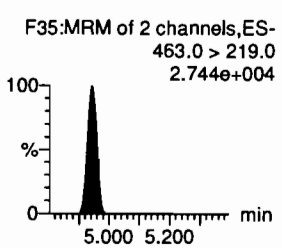
Name: 200706P1-24, Date: 06-Jul-2020, Time: 14:06:27, ID: ST200706P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFNA





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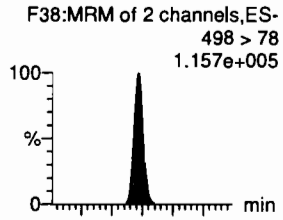
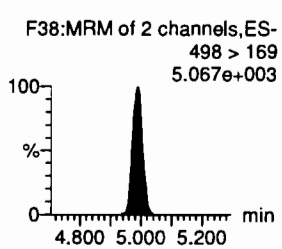
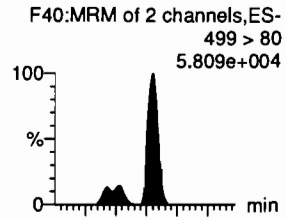
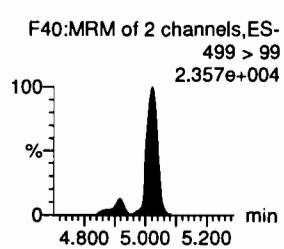




L-PFOS





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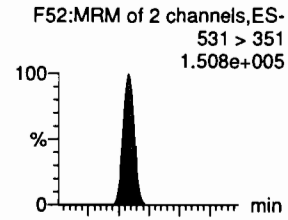

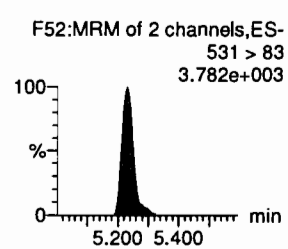

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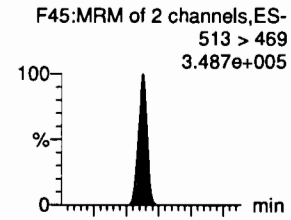
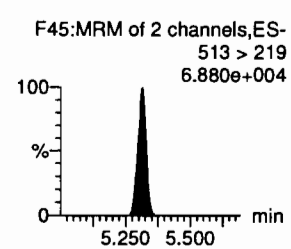
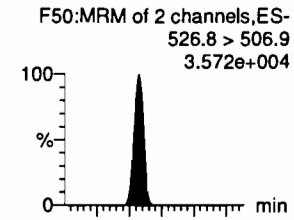
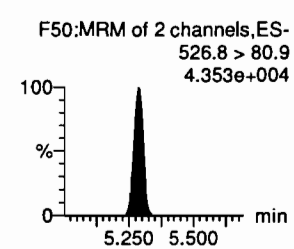


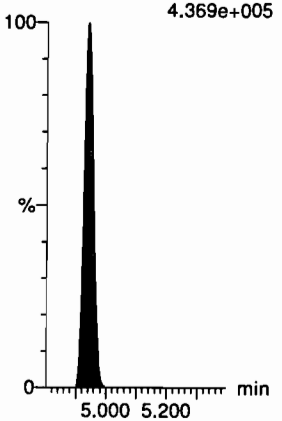


8:2 FTS

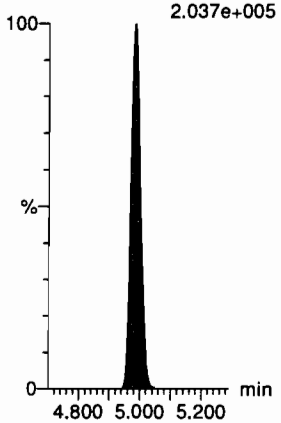




13C5-PFNA-EIS



13C8-PFOSA-EIS



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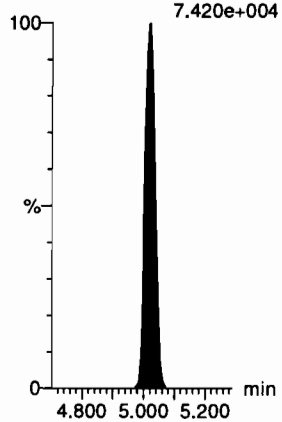

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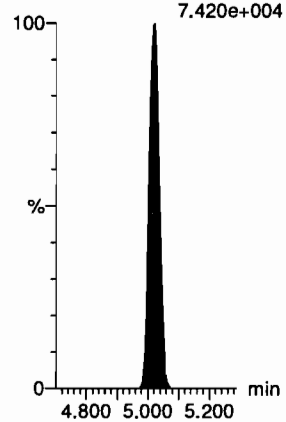
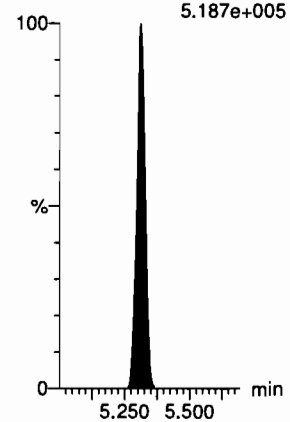
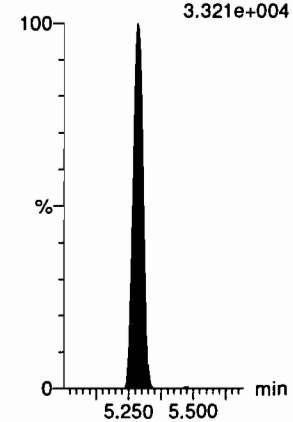


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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Name: 200706P1-24, Date: 06-Jul-2020, Time: 14:06:27, ID: ST200706P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

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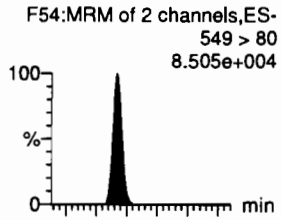

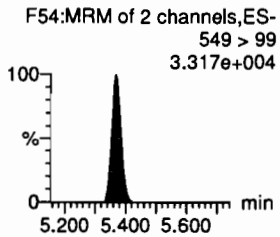

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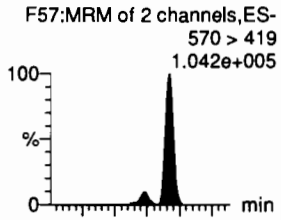

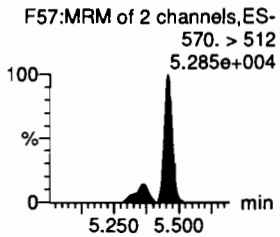

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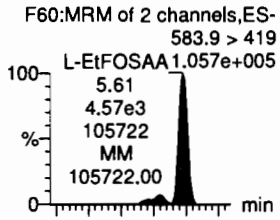

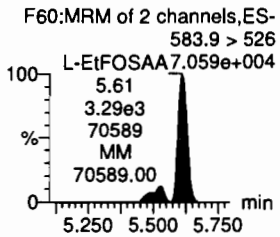

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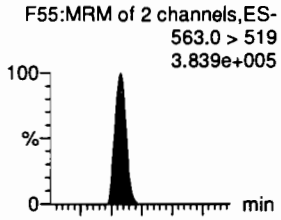

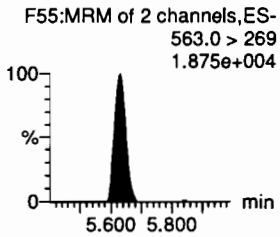

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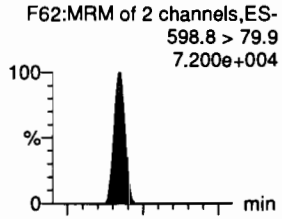

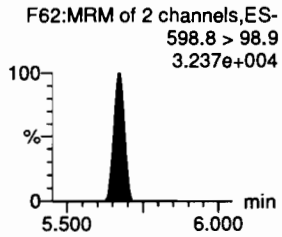

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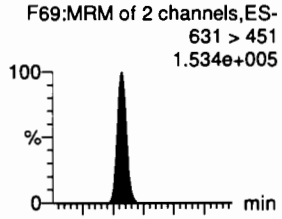

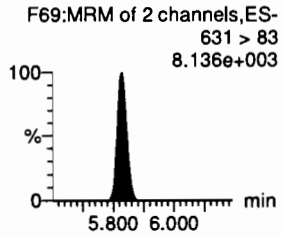

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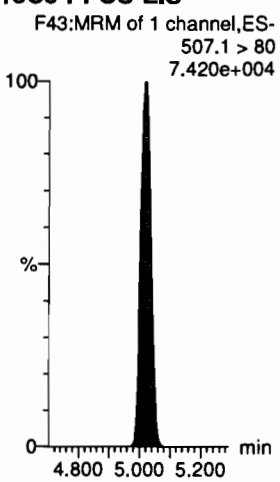

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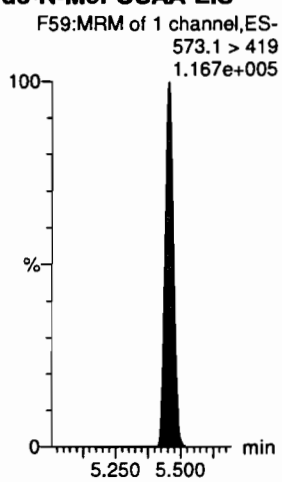

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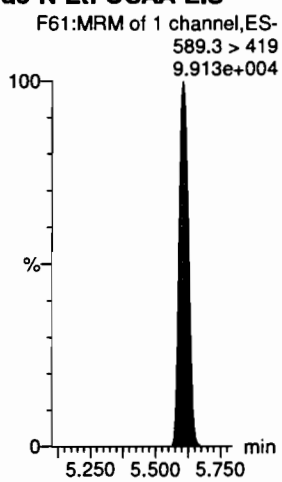

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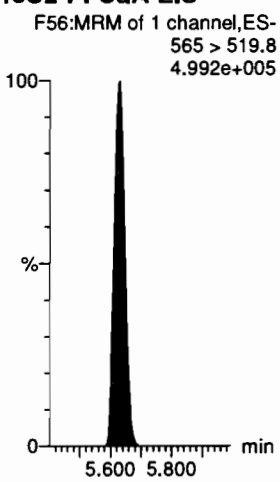

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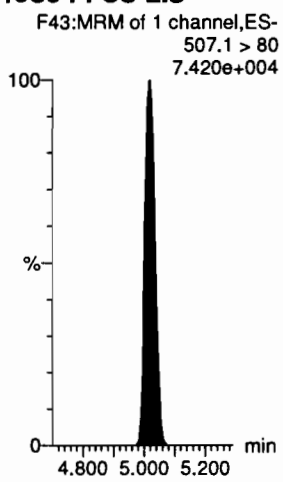

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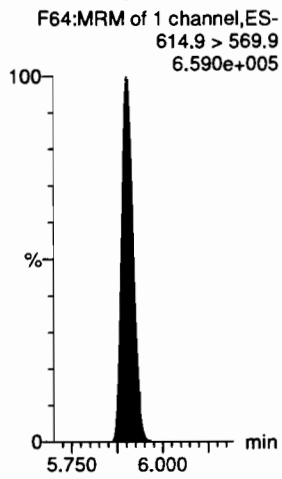

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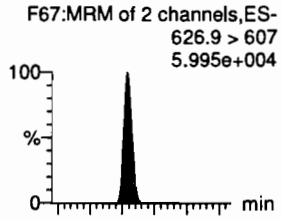
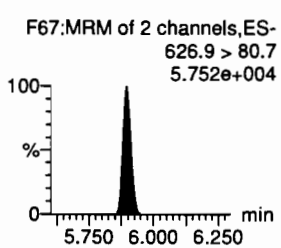
10:2 FTS





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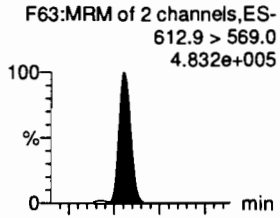
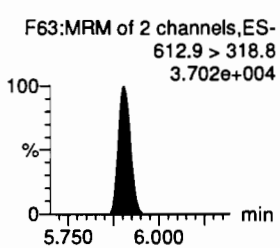
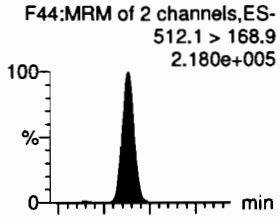
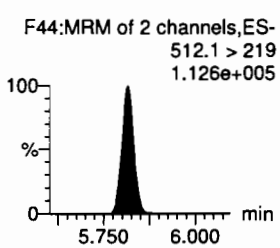




N-MeFOSA





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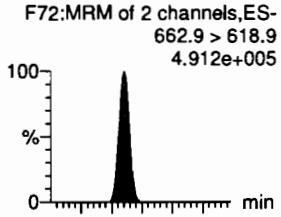

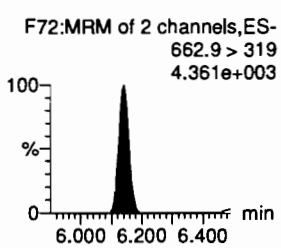

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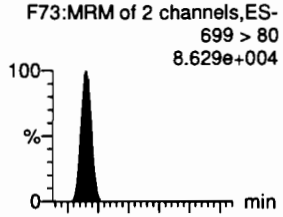

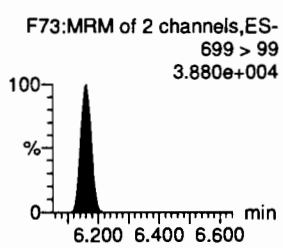

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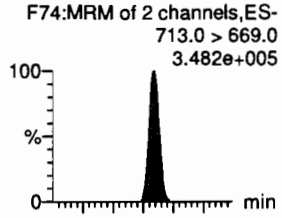

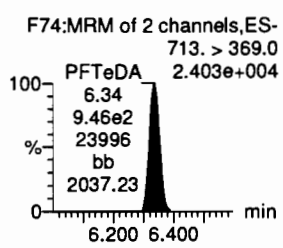

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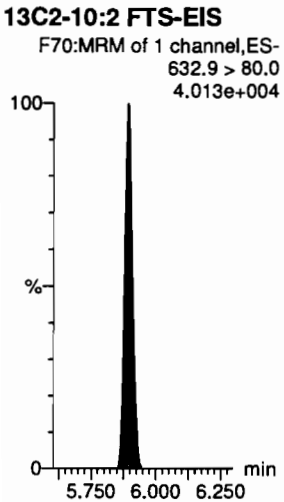

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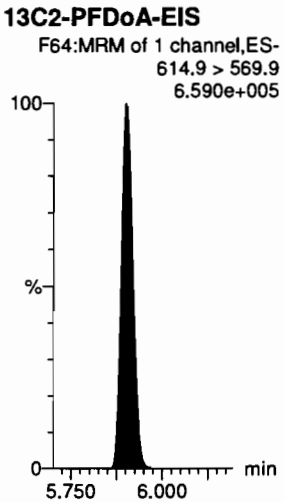

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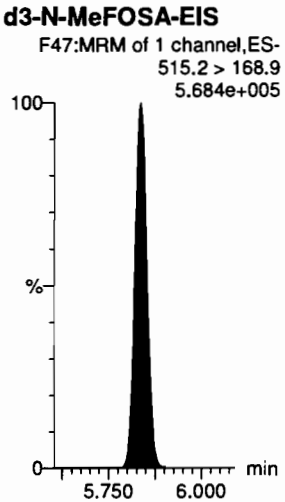

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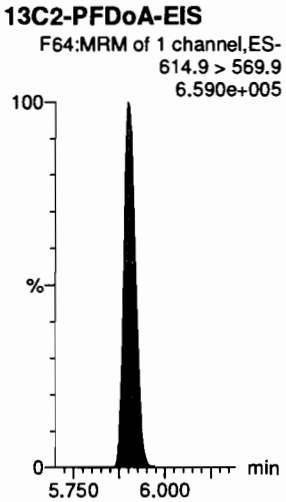

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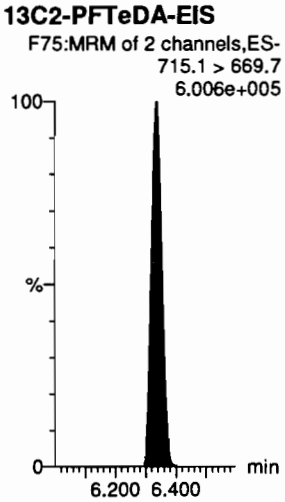

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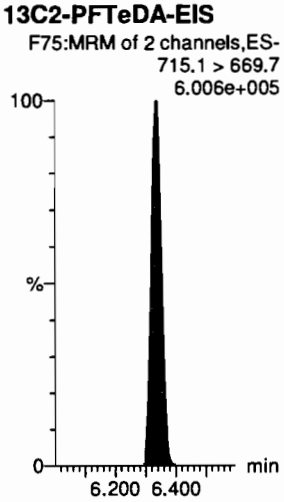

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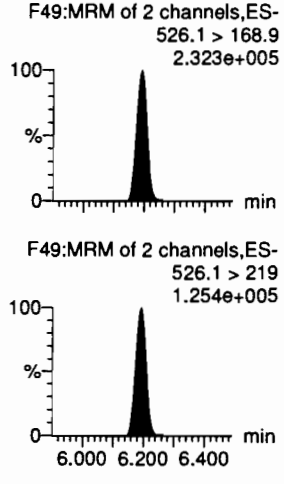
N-EtFOSA



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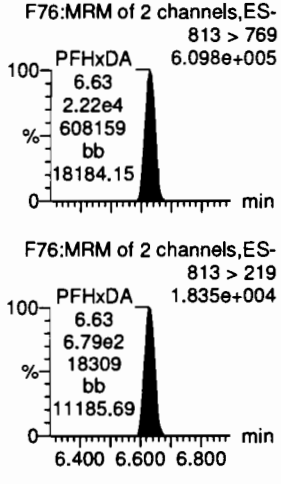
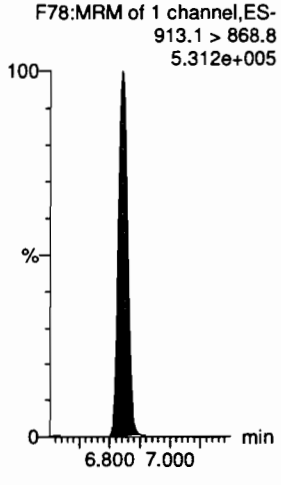
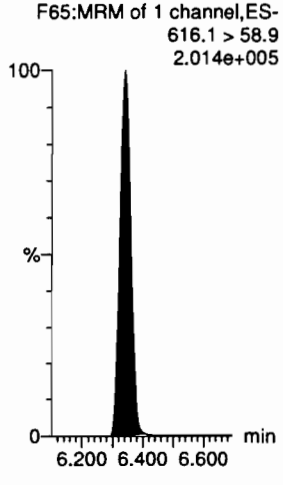


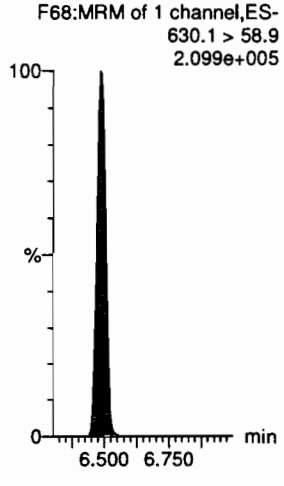
PFODA



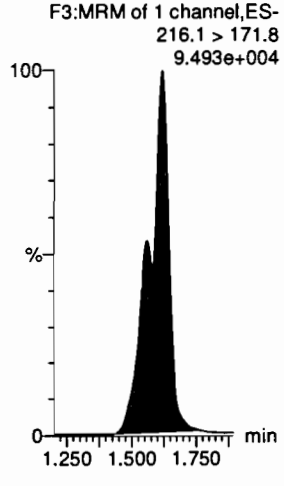
N-MeFOSE



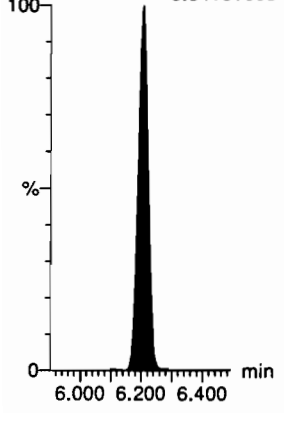
N-EtFOSE



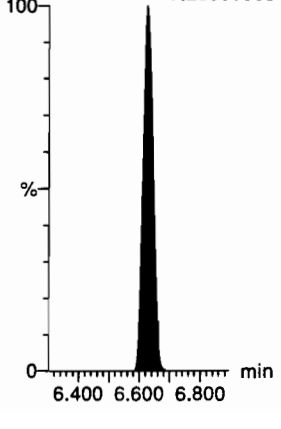
13C3-PFBA-RSD



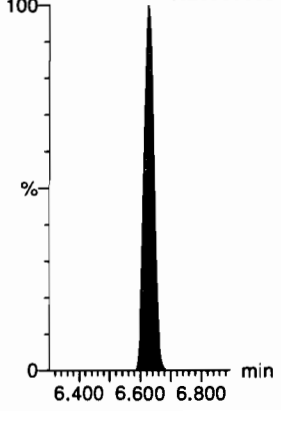
d5-N-ETFOSA-EIS



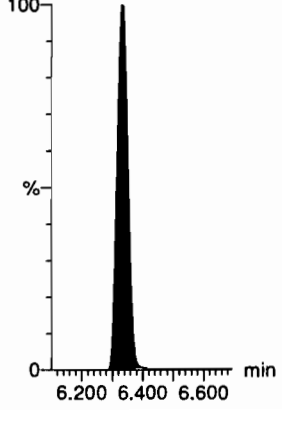
13C2-PFHxDA-EIS



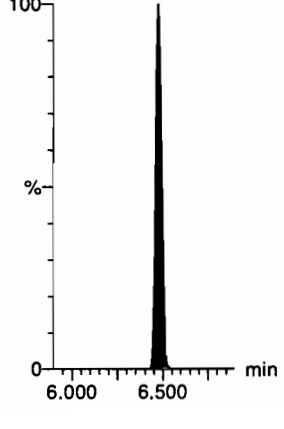
13C2-PFHxDA-EIS



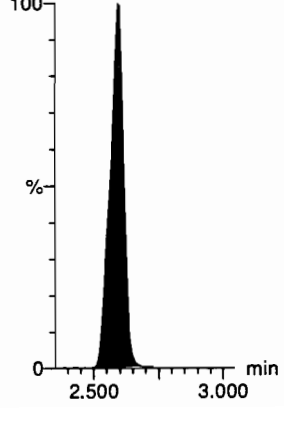
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

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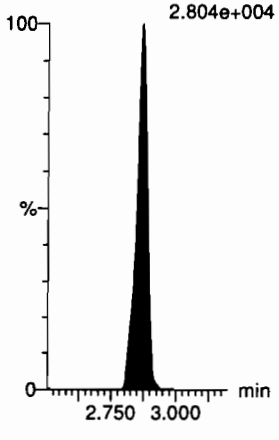
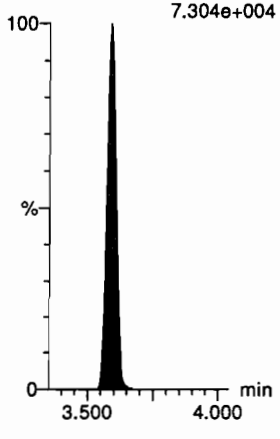
Name: 200706P1-24, Date: 06-Jul-2020, Time: 14:06:27, ID: ST200706P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

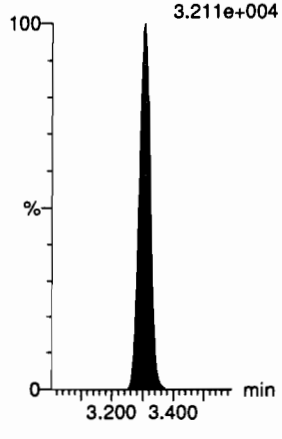
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
2.804e+004



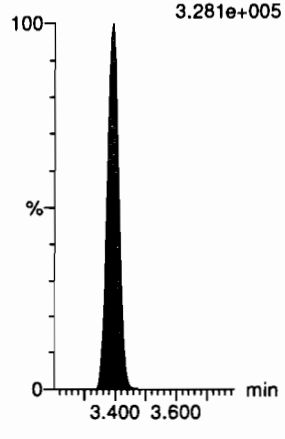
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
7.304e+004



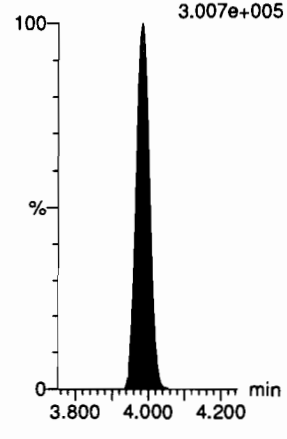
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
3.211e+004



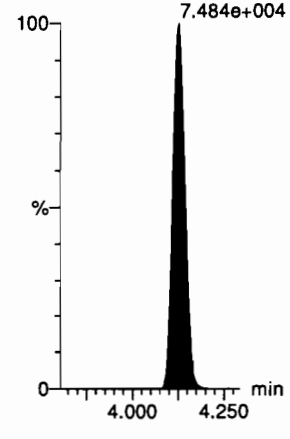
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.281e+005



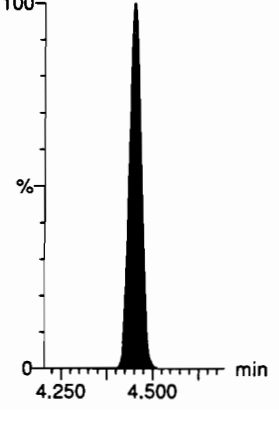
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
3.007e+005



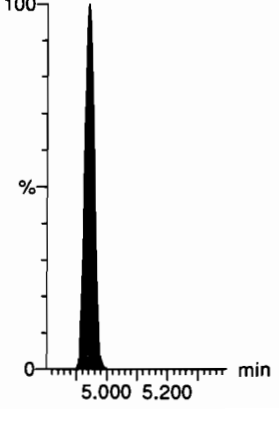
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
7.484e+004



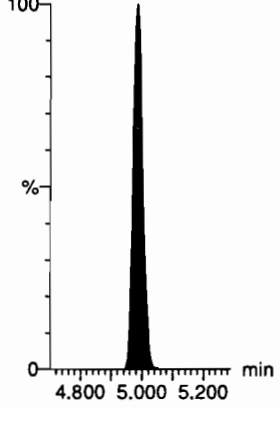
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
4.305e+004



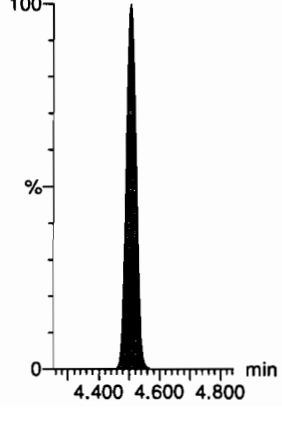
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.369e+005



13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
2.037e+005

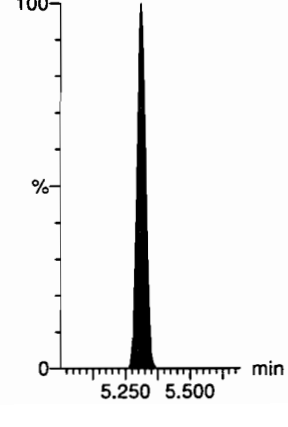


13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.003e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
7.420e+004

13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.187e+005



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

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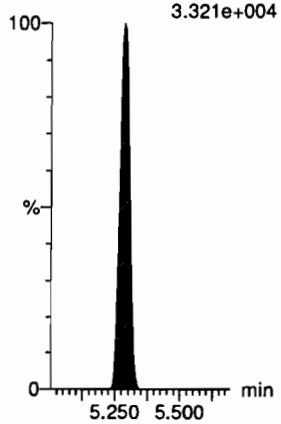
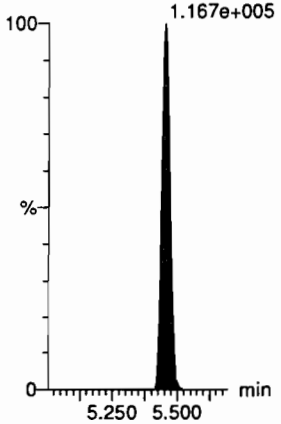
Name: 200706P1-24, Date: 06-Jul-2020, Time: 14:06:27, ID: ST200706P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
3.321e+004

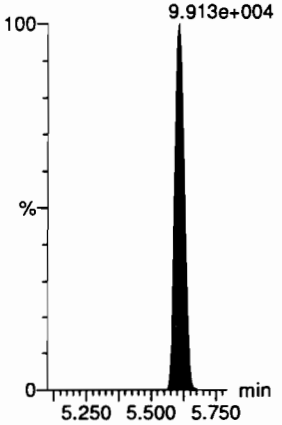


d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.167e+005

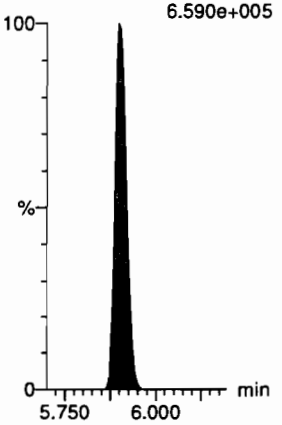


13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.992e+005

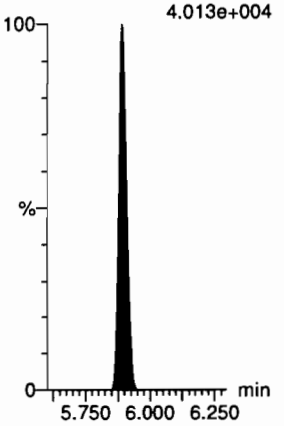
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
9.913e+004



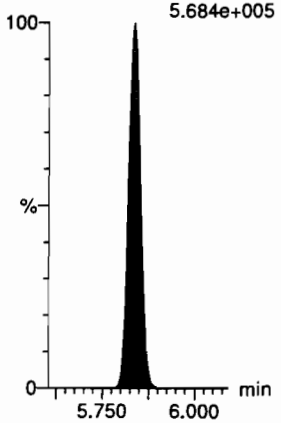
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
6.590e+005



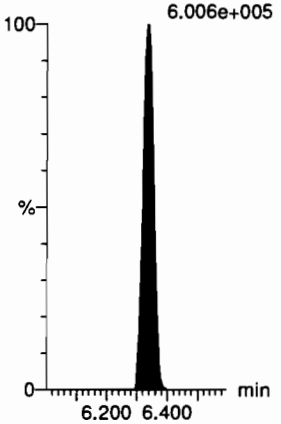
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
4.013e+004



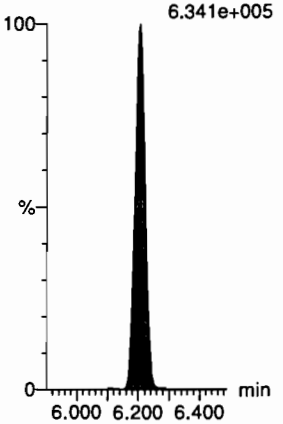
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.684e+005



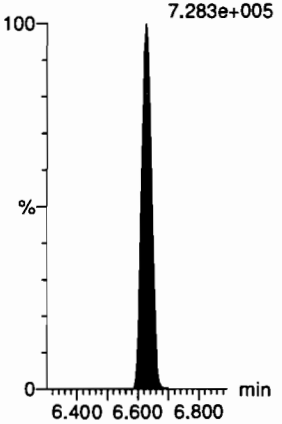
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
6.006e+005



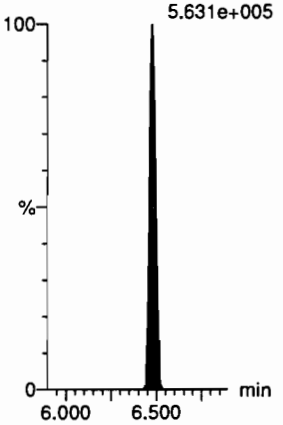
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.341e+005



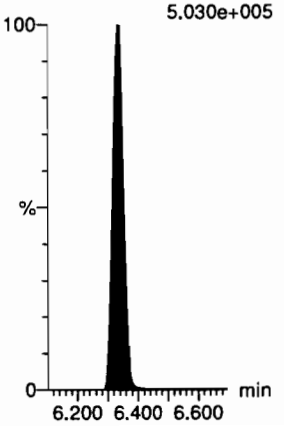
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.283e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
5.631e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
5.030e+005



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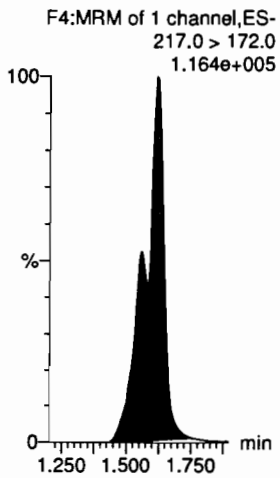
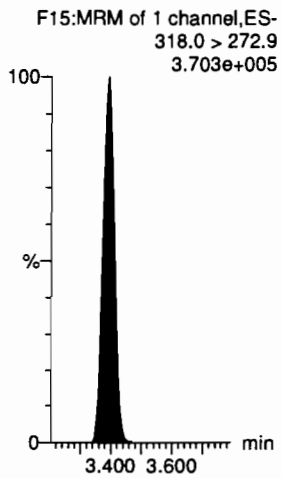
Name: 200706P1-24, Date: 06-Jul-2020, Time: 14:06:27, ID: ST200706P1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

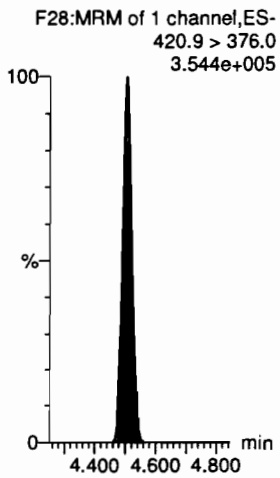
13C4-PFBA



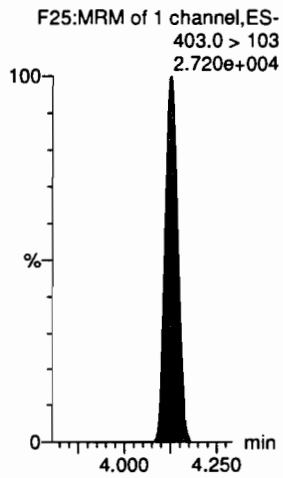
13C5-PFHxA



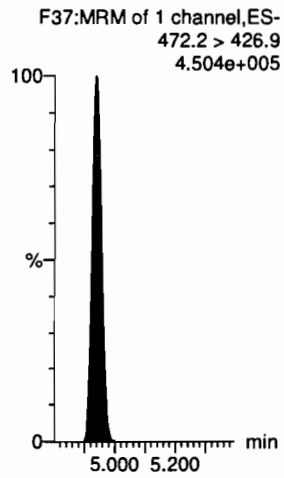
13C8-PFOA



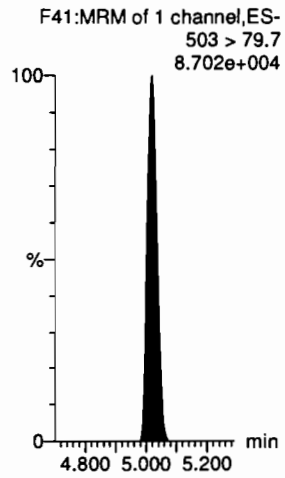
18O2-PFHxS



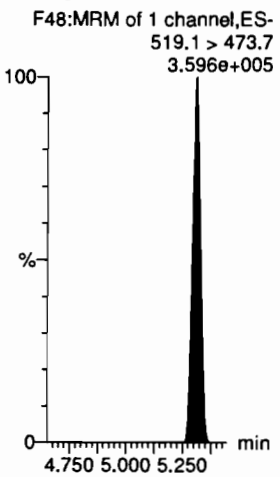
13C9-PFNA



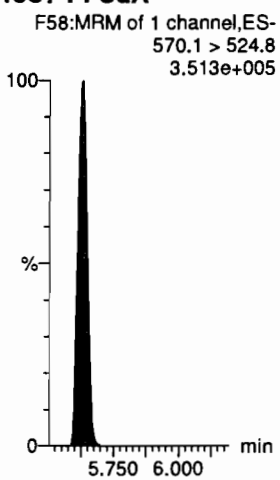
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

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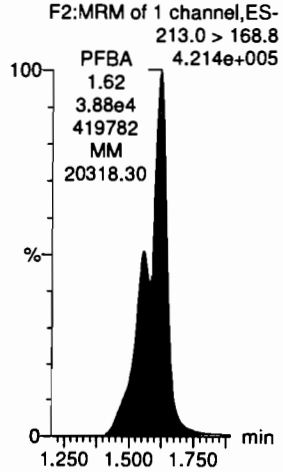
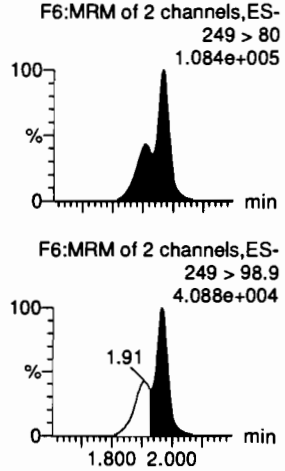
Name: 200706P1-25, Date: 06-Jul-2020, Time: 14:16:59, ID: ST200706P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

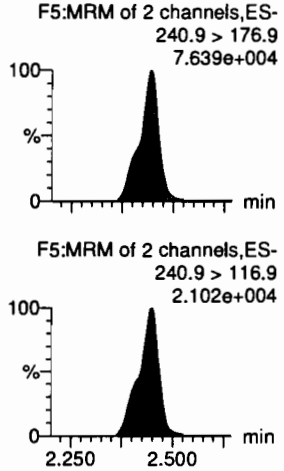
PFBA



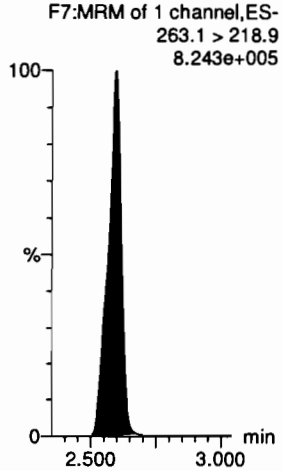
PFPrS



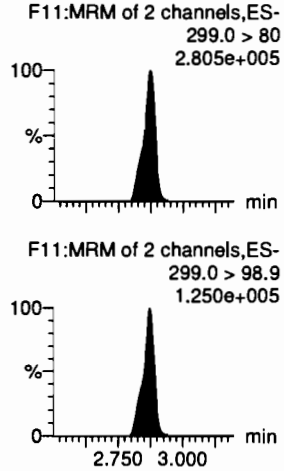
3:3 FTCA



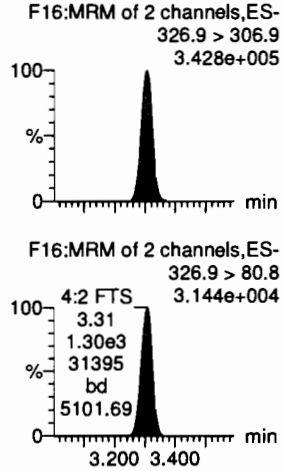
PFPeA



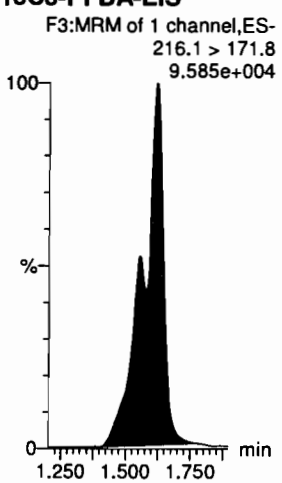
PFBS



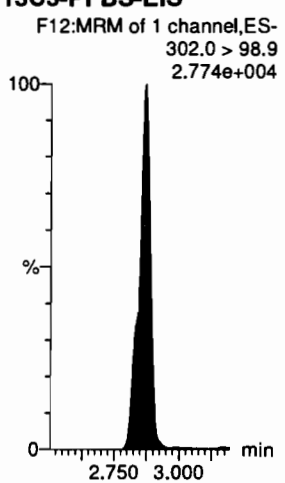
4:2 FTS



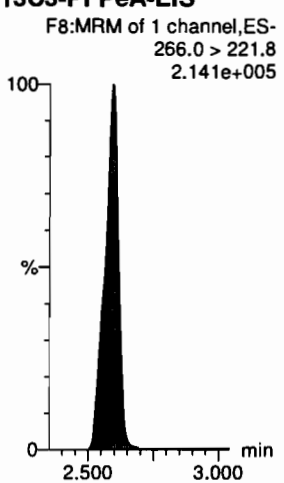
13C3-PFBA-EIS



13C3-PFBS-EIS



13C3-PFPeA-EIS



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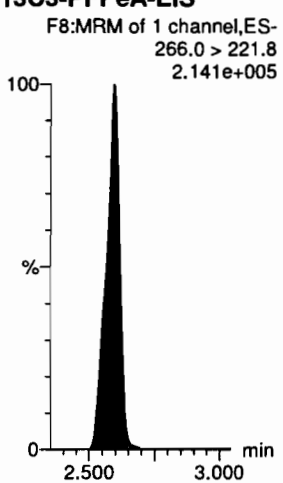

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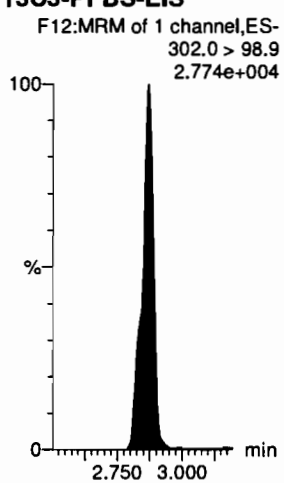
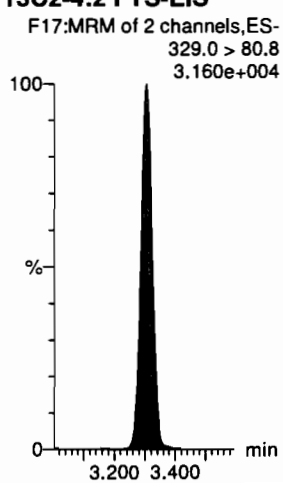


13C2-4:2 FTS-EIS



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Name: 200706P1-25, Date: 06-Jul-2020, Time: 14:16:59, ID: ST200706P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

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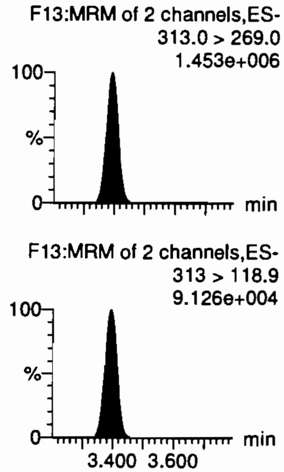

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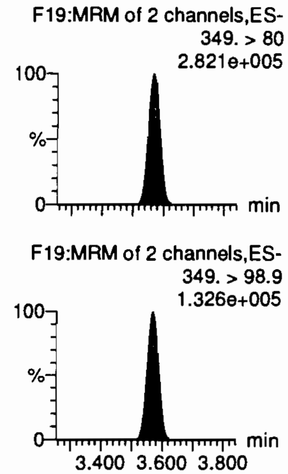

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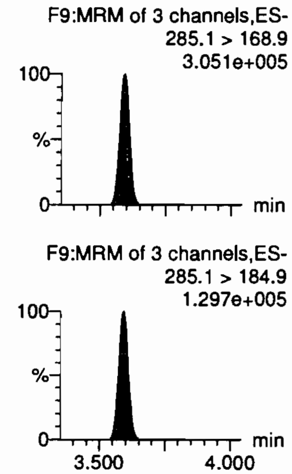
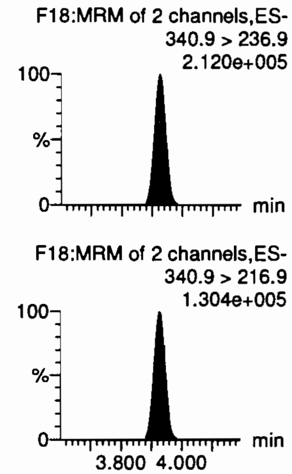


5:3 FTCA



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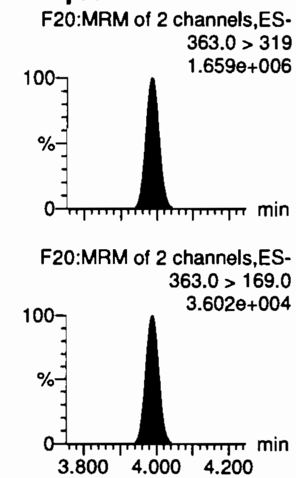

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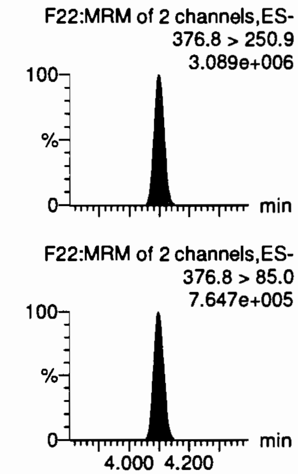
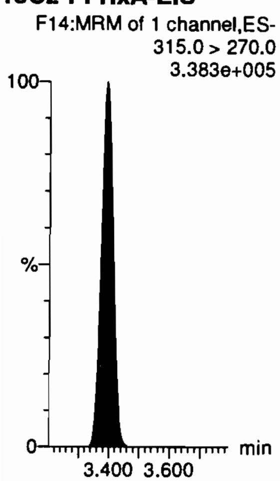


13C2-PFHxA-EIS



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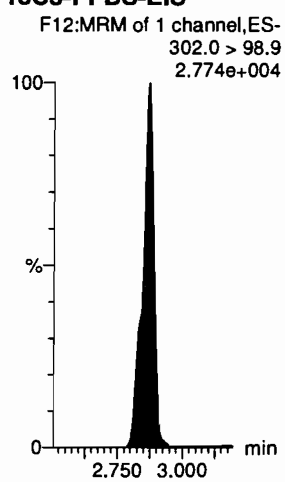
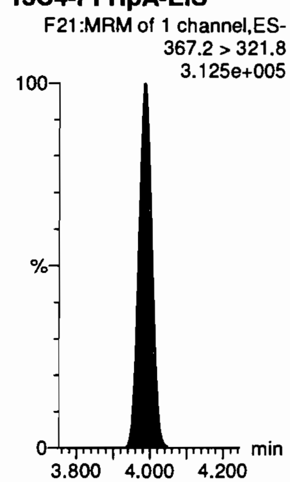


13C3-HFPO-DA-EIS

13C4-PFHpA-EIS



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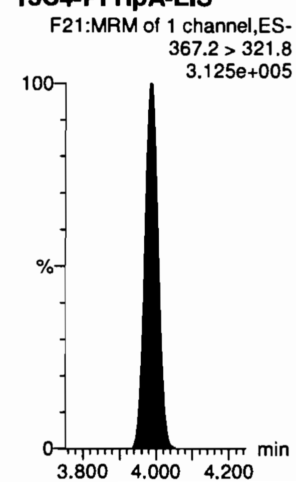

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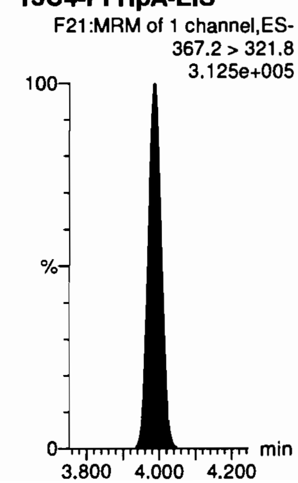

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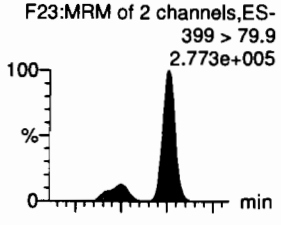
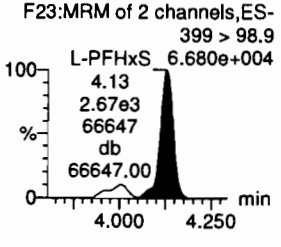
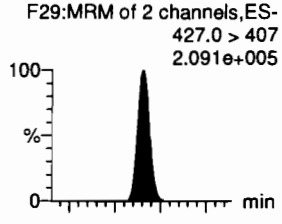
Name: 200706P1-25, Date: 06-Jul-2020, Time: 14:16:59, ID: ST200706P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

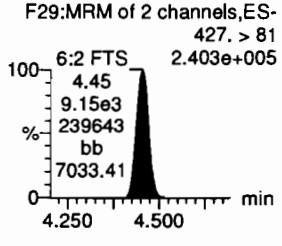
L-PFHxS





6:2 FTS





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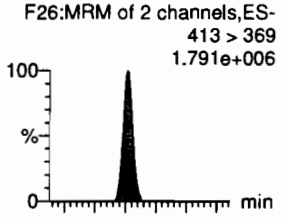

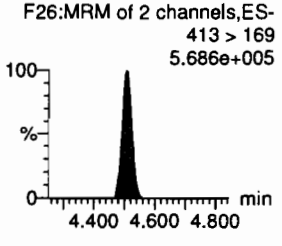

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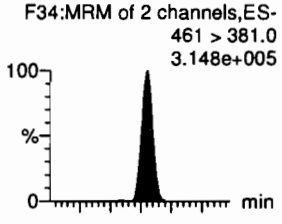

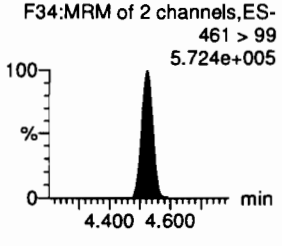

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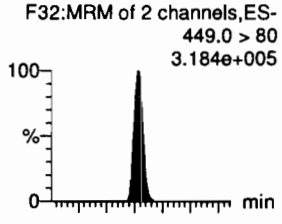
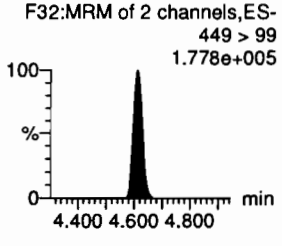
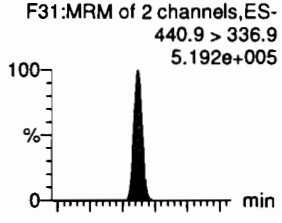
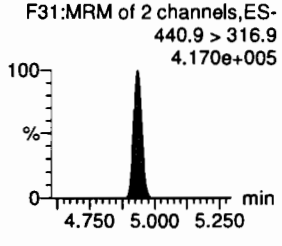


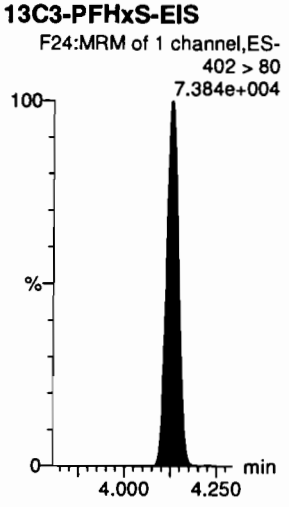


7:3 FTCA

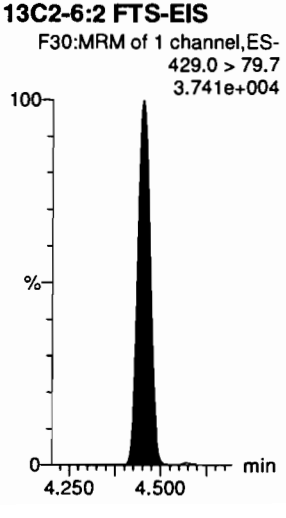




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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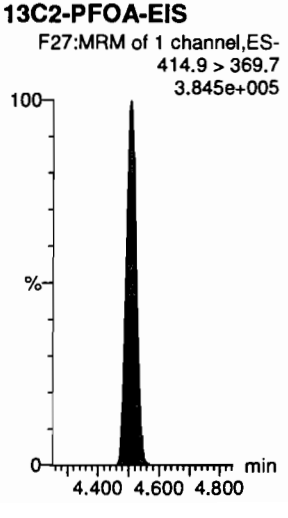

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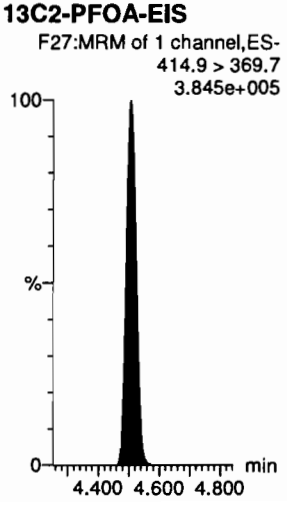
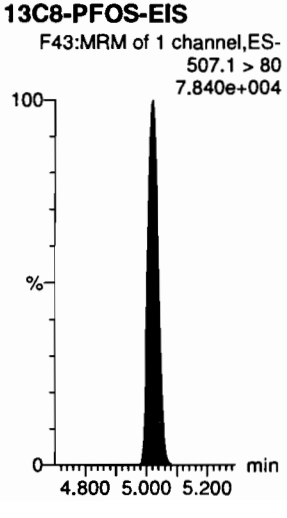
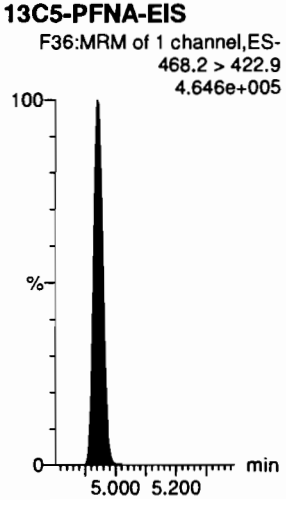


13C8-PFOS-EIS



13C5-PFNA-EIS



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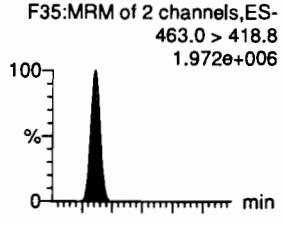

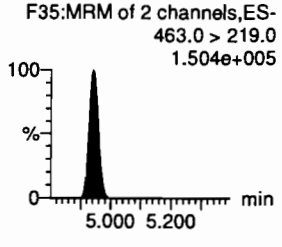

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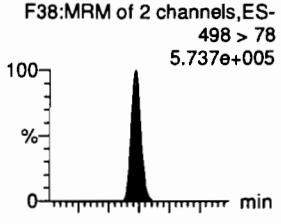
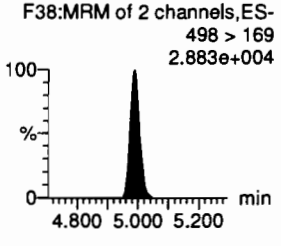
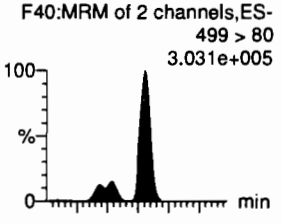
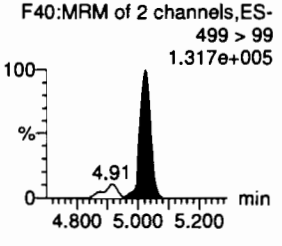


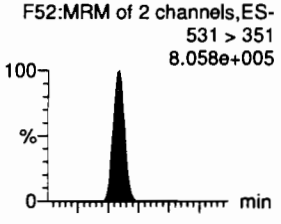


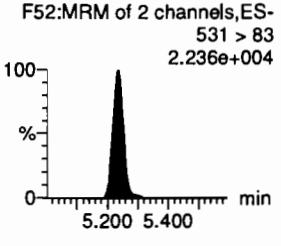
L-PFOS





9Cl-PF30NS





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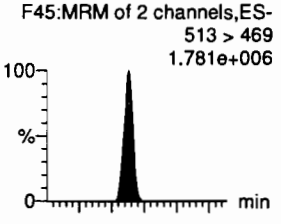
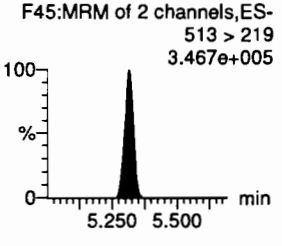
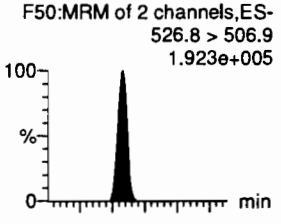
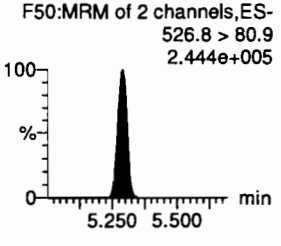


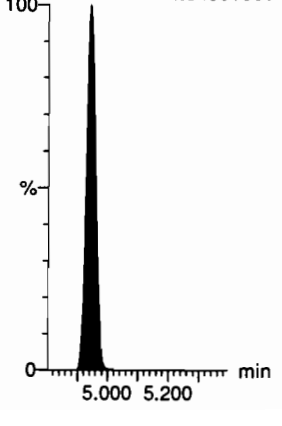


8:2 FTS





13C5-PFNA-EIS



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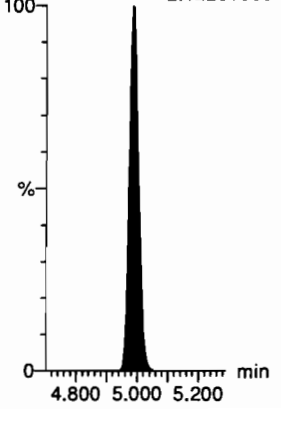

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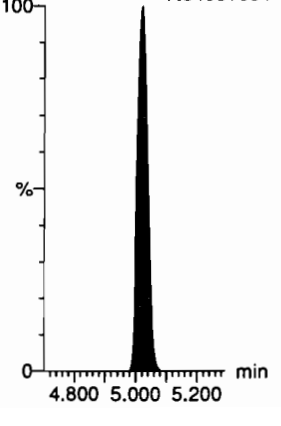
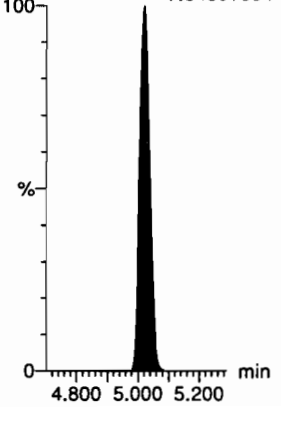
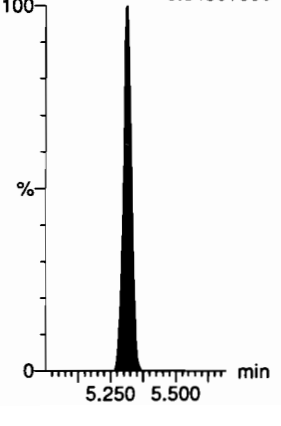


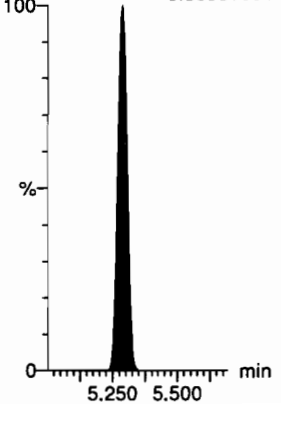
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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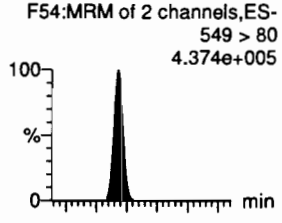
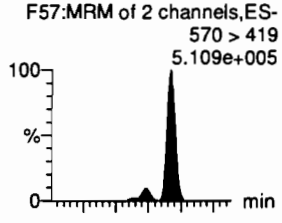
PFNS



L-MeFOSAA



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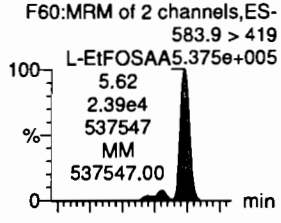

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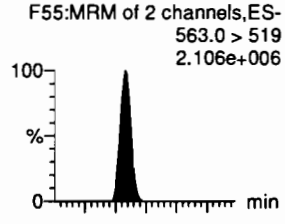
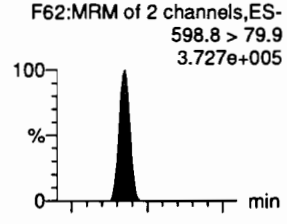
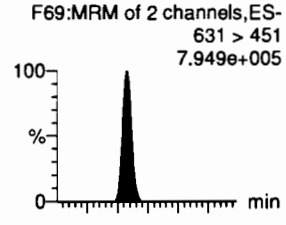
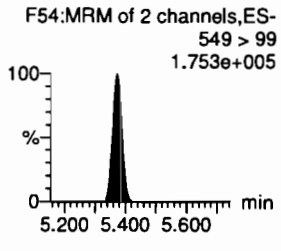


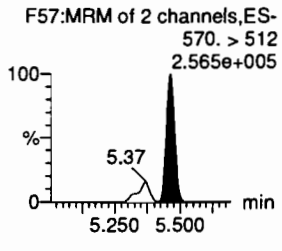
PFDS

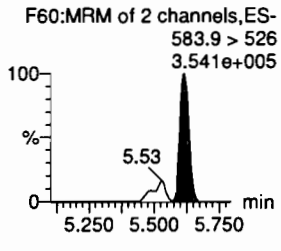


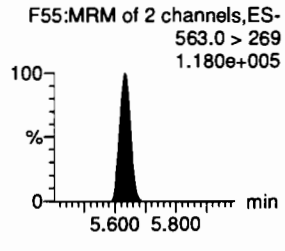
11Cl-PF30UdS

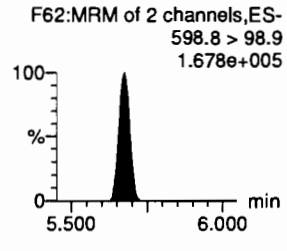


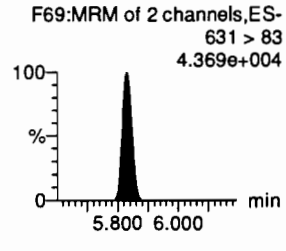




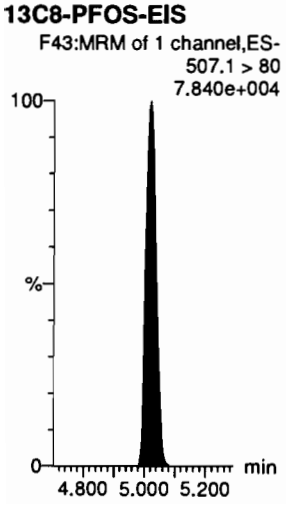




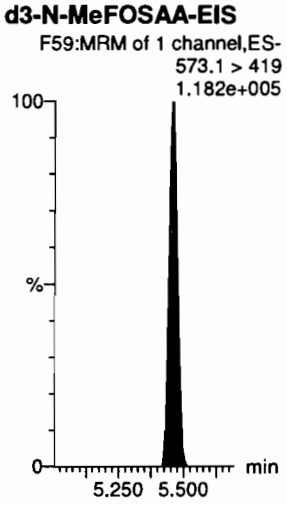




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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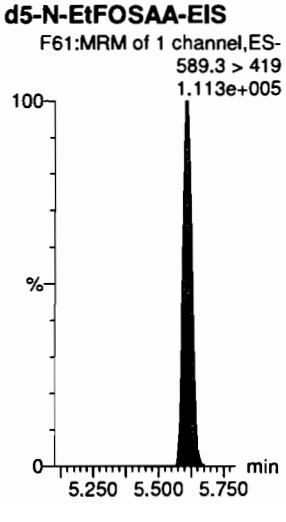
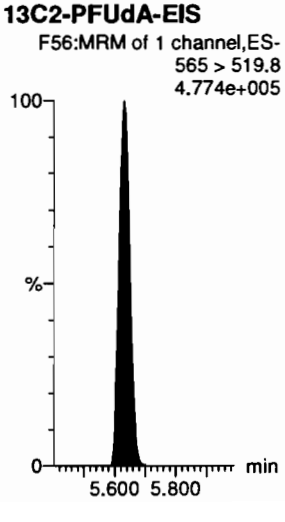


13C2-PFUdA-EIS



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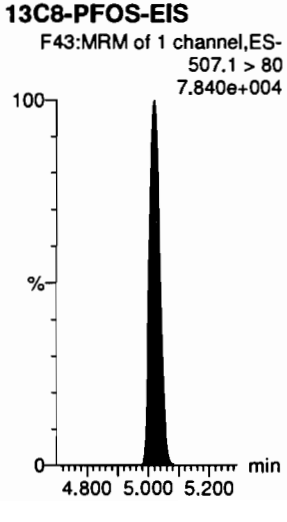
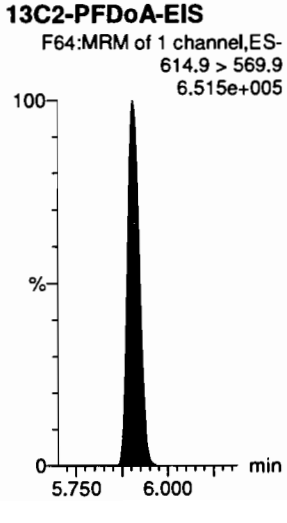


13C2-PFDoA-EIS



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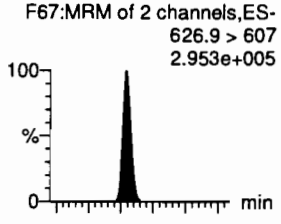
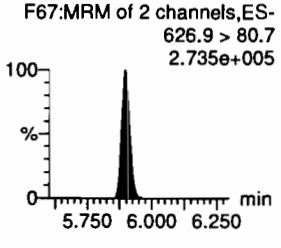
Name: 200706P1-25, Date: 06-Jul-2020, Time: 14:16:59, ID: ST200706P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

10:2 FTS





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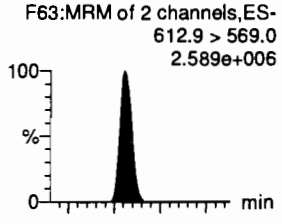
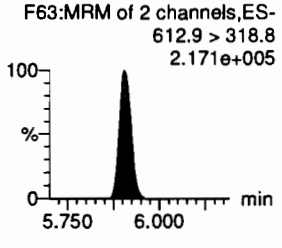
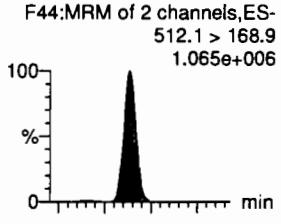
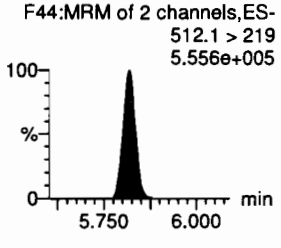




N-MeFOSA





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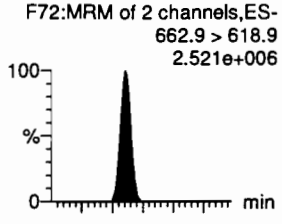

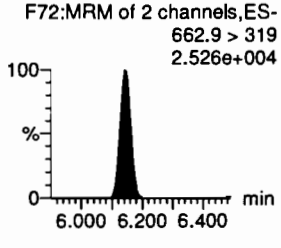

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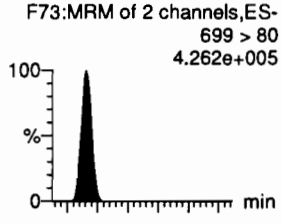

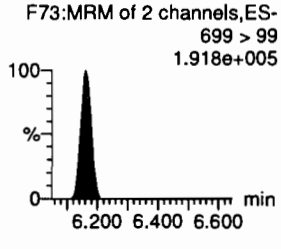

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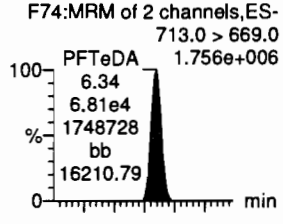
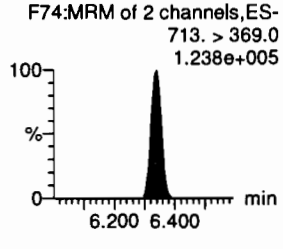
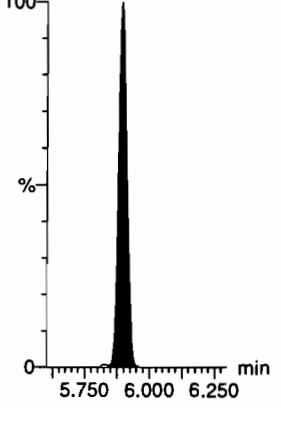
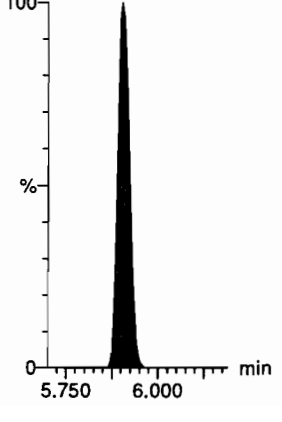




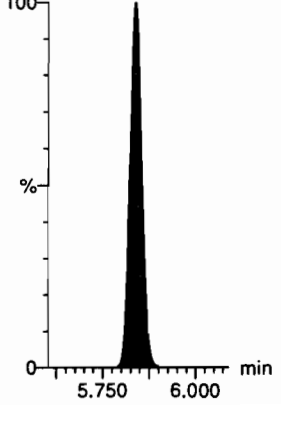
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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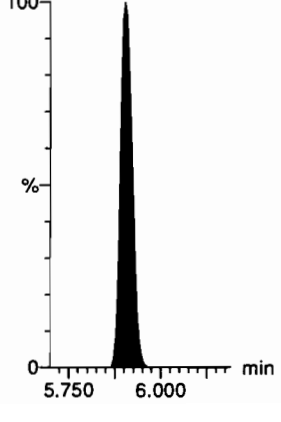

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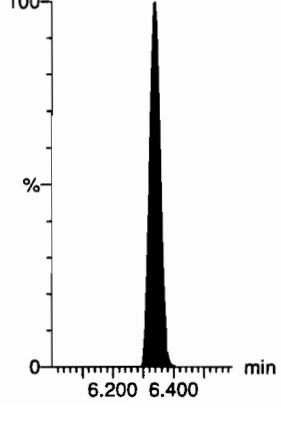

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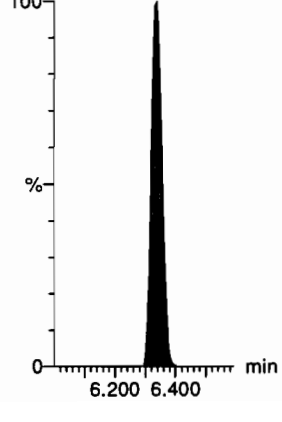

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Name: 200706P1-25, Date: 06-Jul-2020, Time: 14:16:59, ID: ST200706P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

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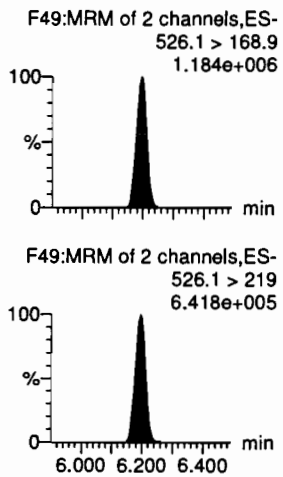
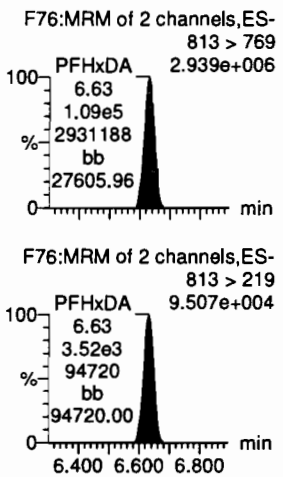


PFHxDA



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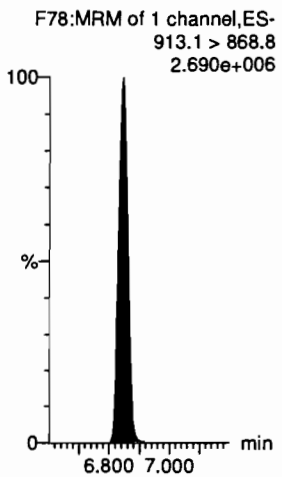

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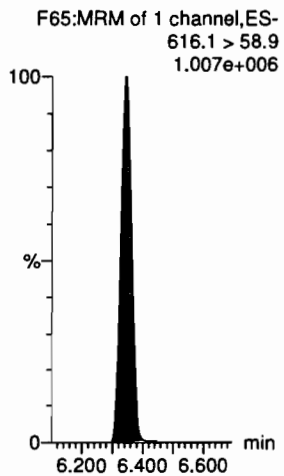

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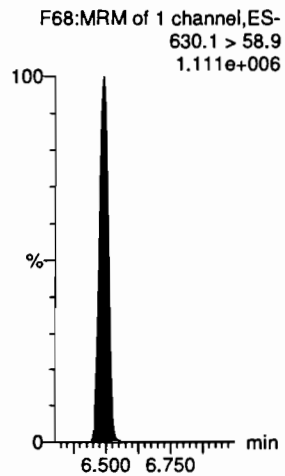

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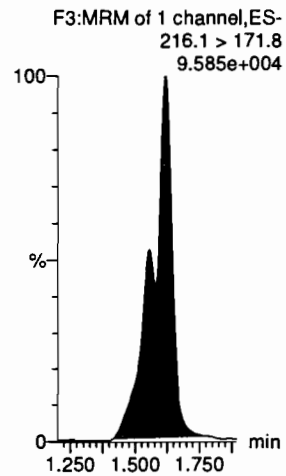
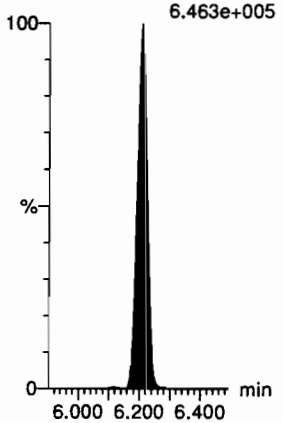
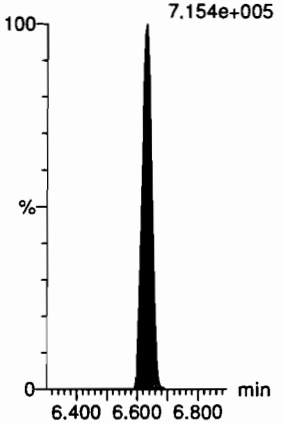


d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



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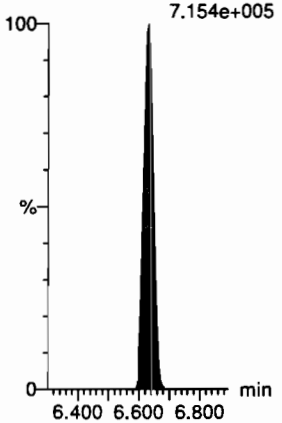
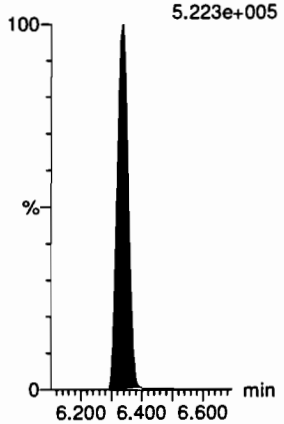
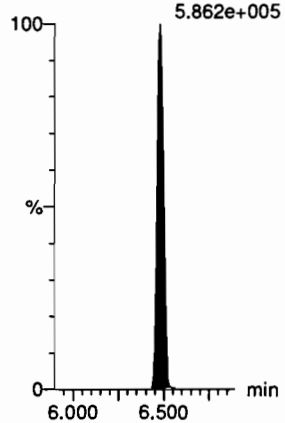


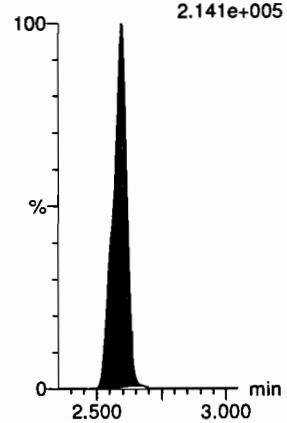
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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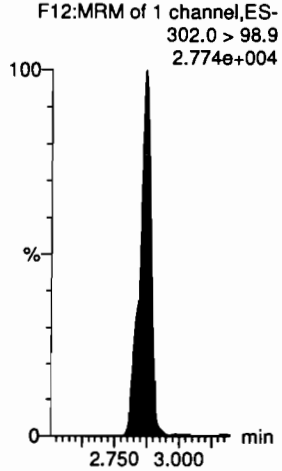
Name: 200706P1-25, Date: 06-Jul-2020, Time: 14:16:59, ID: ST200706P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

13C3-PFBS-RSD



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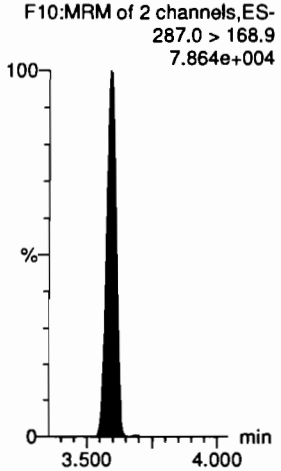
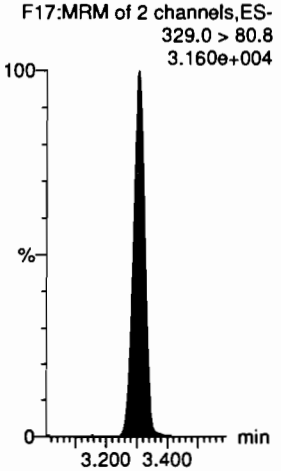


13C2-4:2 FTS-RSD



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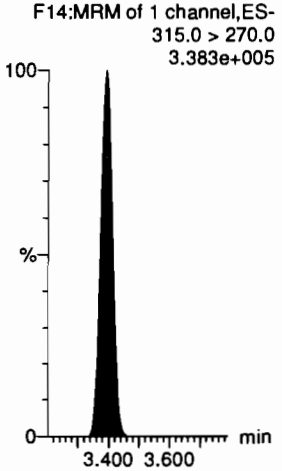

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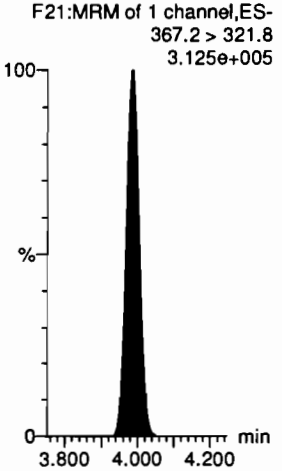

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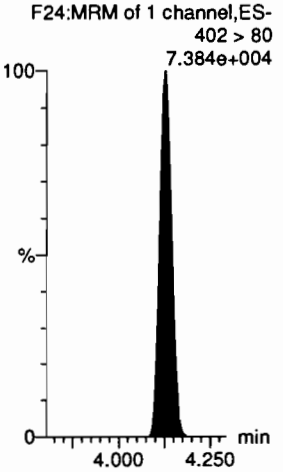
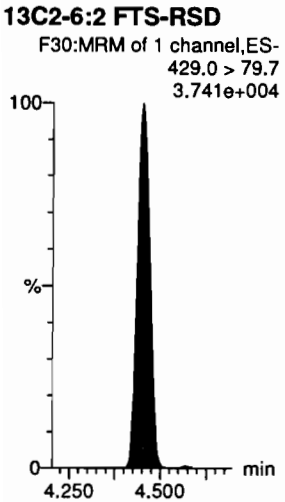
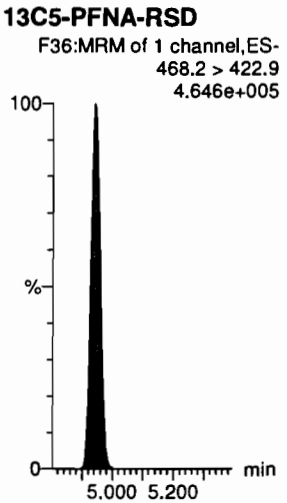


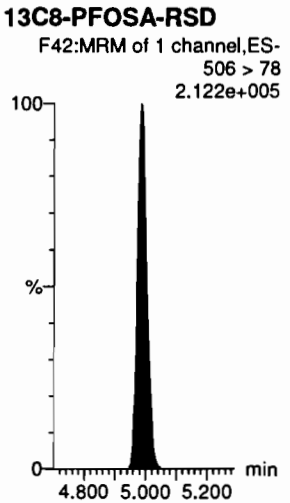
13C2-6:2 FTS-RSD



13C5-PFNA-RSD



13C8-PFOSA-RSD



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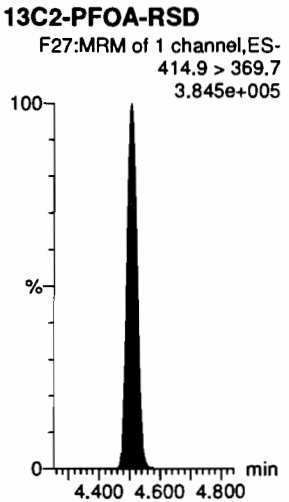

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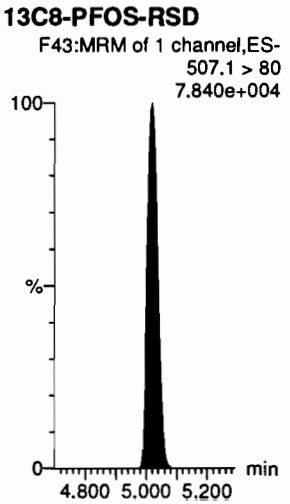
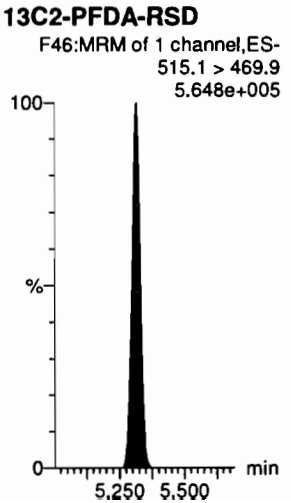


13C2-PFDA-RSD



Dataset: D:\PFAS5.PRO\RESULTS\200706P1\200706P1-CRV.qld

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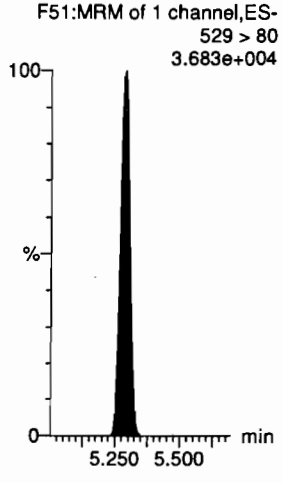
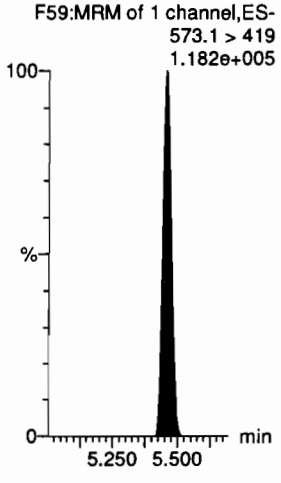
Name: 200706P1-25, Date: 06-Jul-2020, Time: 14:16:59, ID: ST200706P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

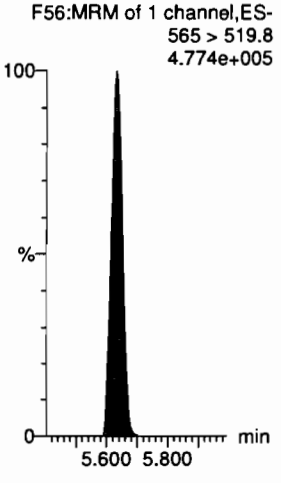
13C2-8:2 FTS-RSD



d3-N-MeFOSAA-RSD



13C2-PFUdA-RSD



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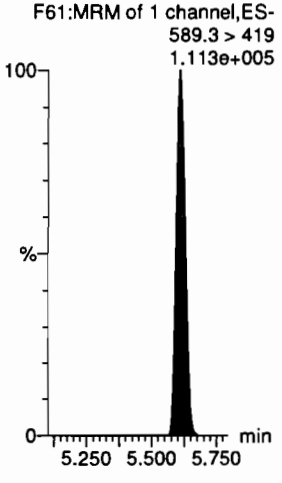
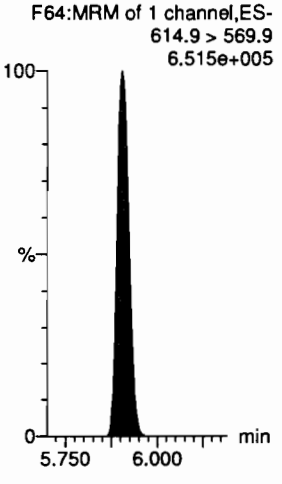
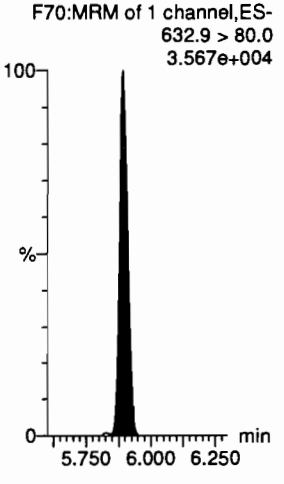


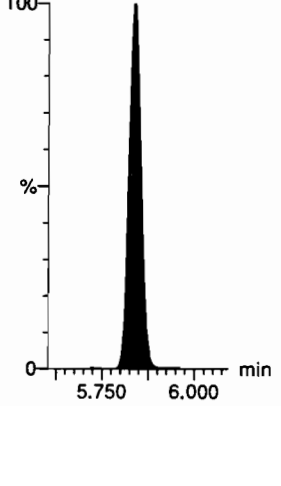
13C2-PFDoA-RSD



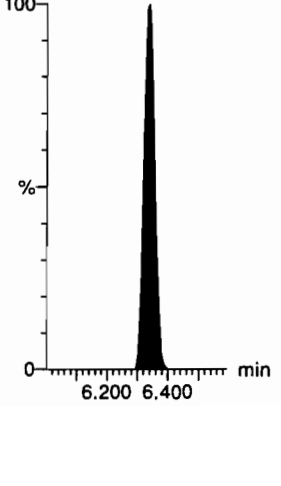
13C2-10:2 FTS-RSD



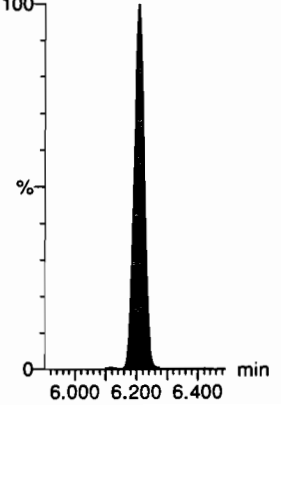
d3-N-MeFOSA-RSD



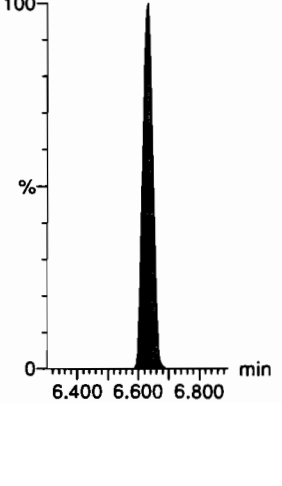
13C2-PFTeDA-RSD



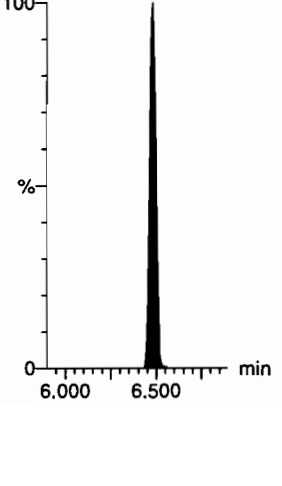
d5-N-ETFOSA-RSD



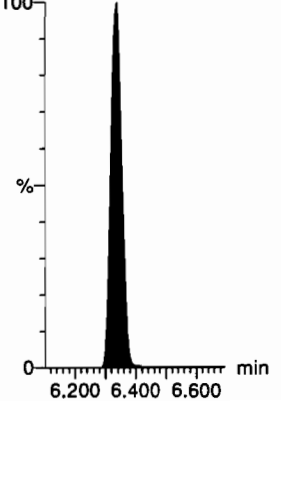
13C2-PFHxDA-RSD



d9-N-EtFOSE-RSD



d7-N-MeFOSE-RSD



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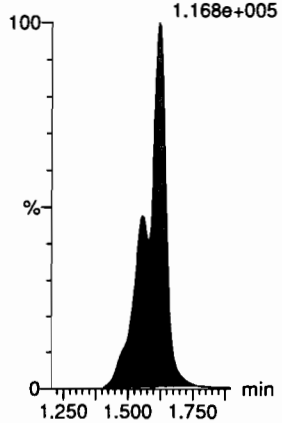
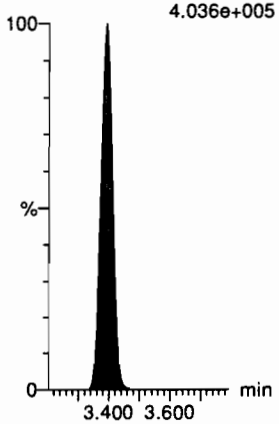
Name: 200706P1-25, Date: 06-Jul-2020, Time: 14:16:59, ID: ST200706P1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

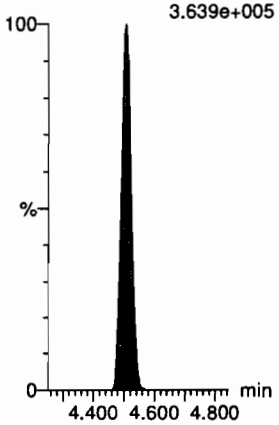
13C4-PFBA



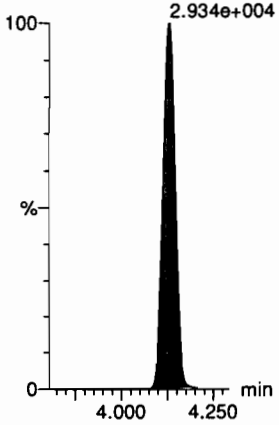
13C5-PFHxA



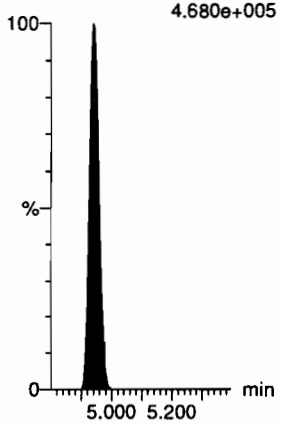
13C8-PFOA



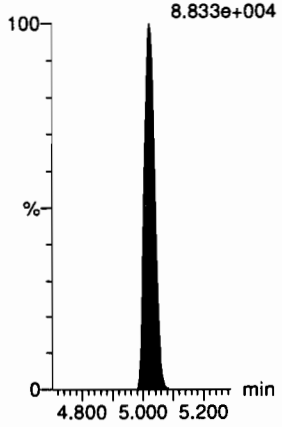
18O2-PFHxS



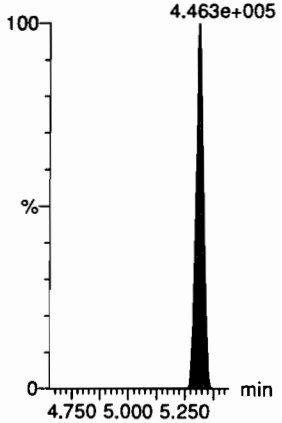
13C9-PFNA



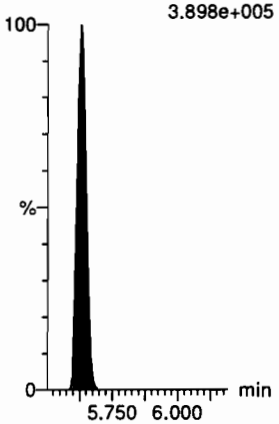
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Tuesday, July 07, 2020 08:33:52 Pacific Daylight Time
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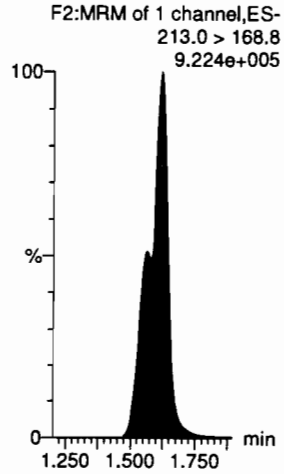
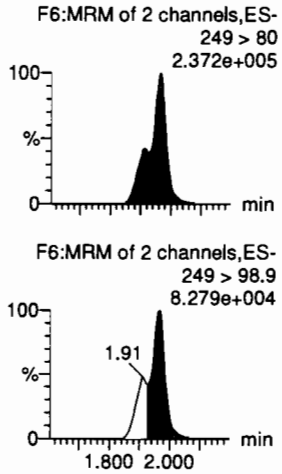
Name: 200706P1-26, Date: 06-Jul-2020, Time: 14:27:27, ID: ST200706P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

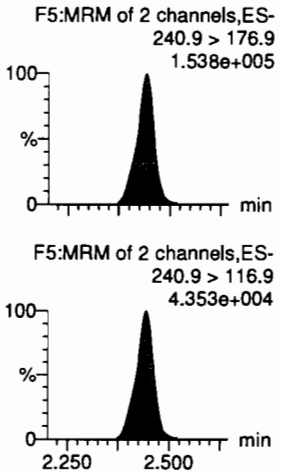
PFBA



PFPrS



3:3 FTCA



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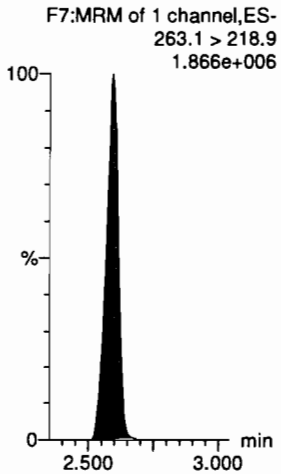
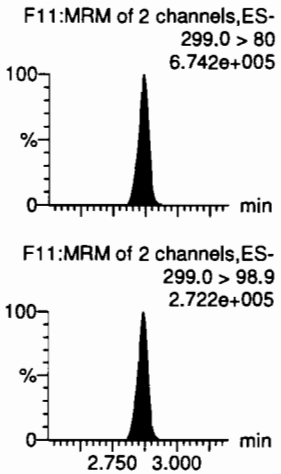
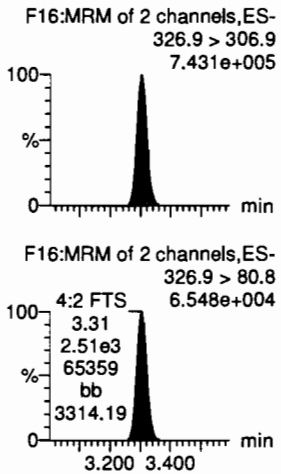


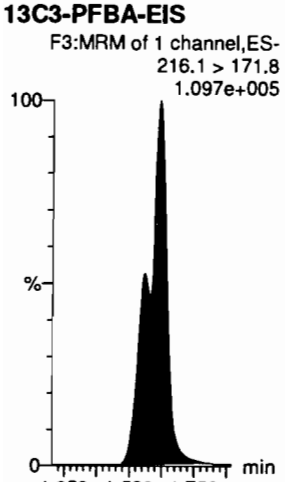
PFBS



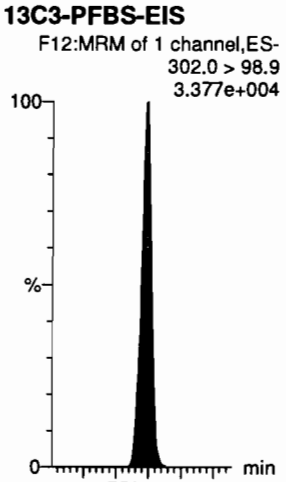
4:2 FTS



13C3-PFBA-EIS



13C3-PFBS-EIS



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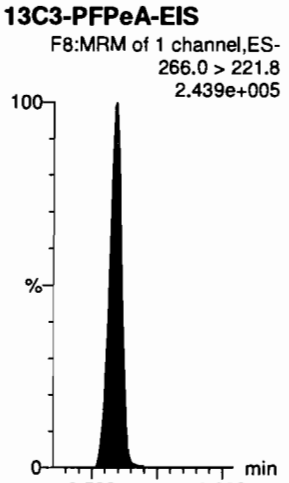

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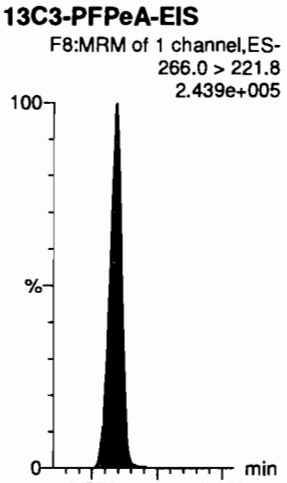

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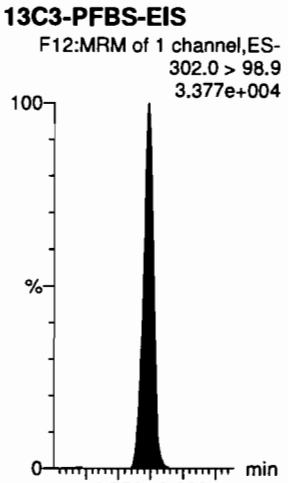
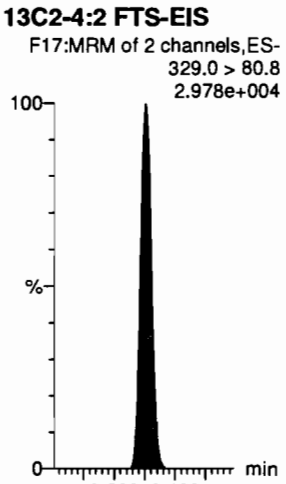


13C2-4:2 FTS-EIS



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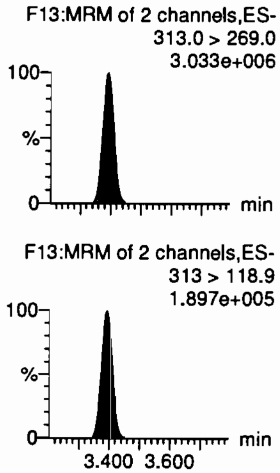
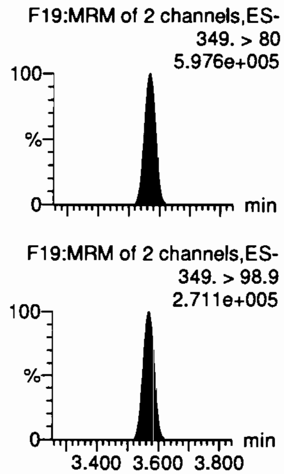
Name: 200706P1-26, Date: 06-Jul-2020, Time: 14:27:27, ID: ST200706P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

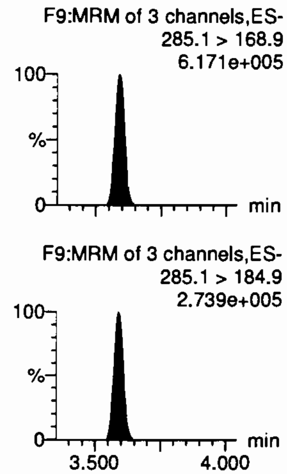
PFHxA



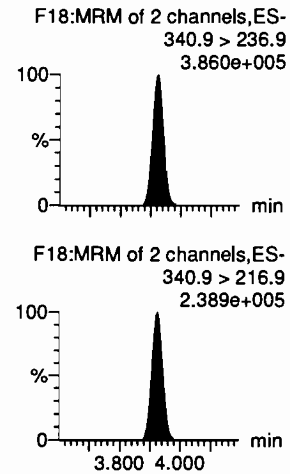
PFPeS



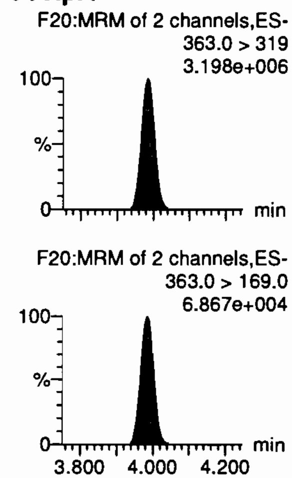
HFPO-DA



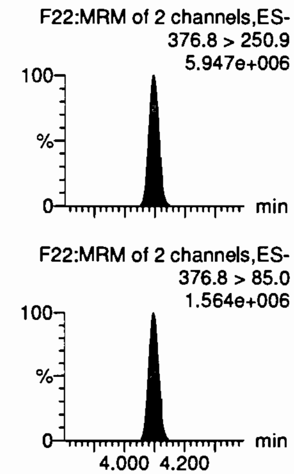
5:3 FTCA



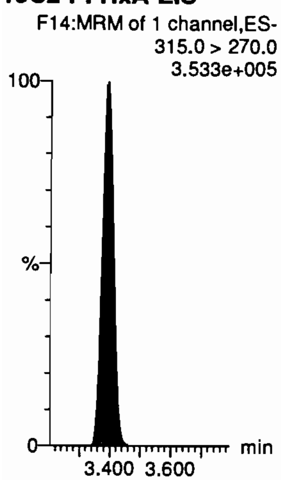
PFHpA



ADONA

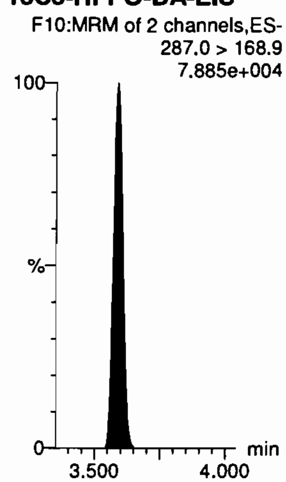


13C2-PFHxA-EIS

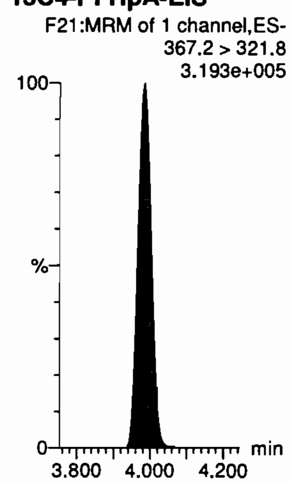


13C3-PFBS-EIS

13C3-HFPO-DA-EIS



13C4-PFHpA-EIS



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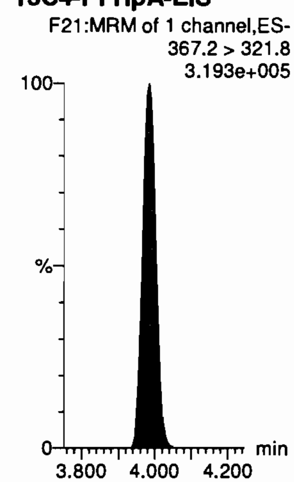

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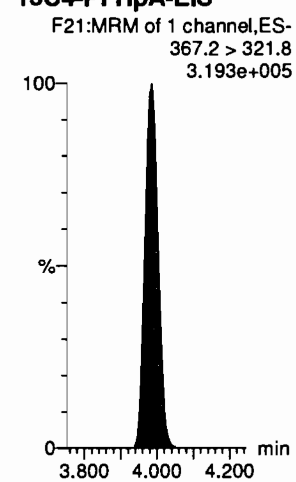

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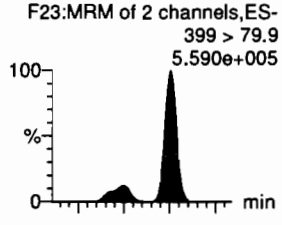
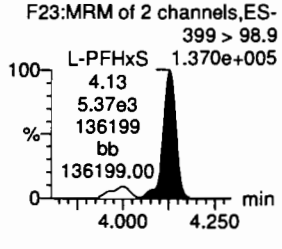
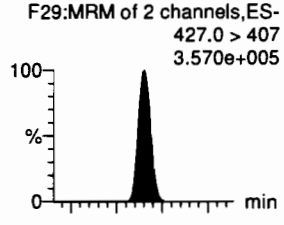
Name: 200706P1-26, Date: 06-Jul-2020, Time: 14:27:27, ID: ST200706P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

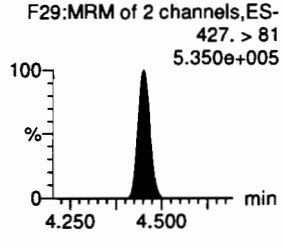
L-PFHxS



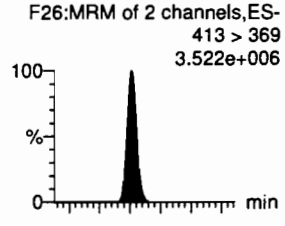


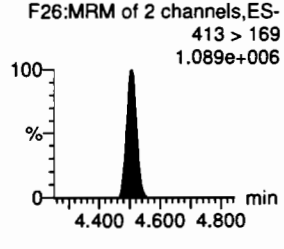
6:2 FTS



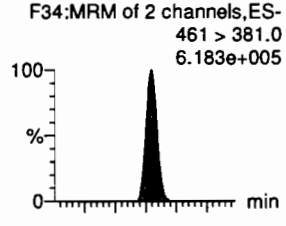


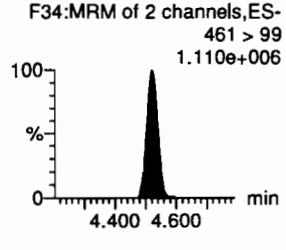
L-PFOA



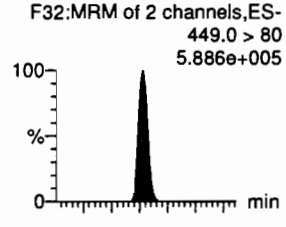


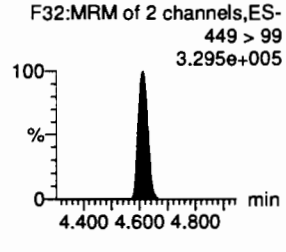
PFEChS



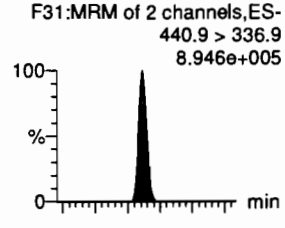


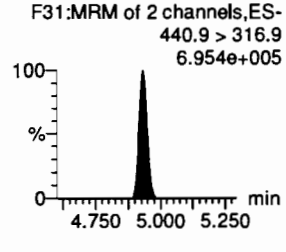
PFHpS



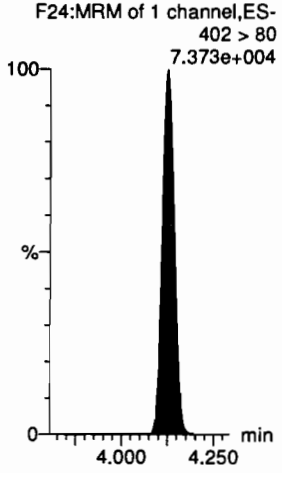


7:3 FTCA

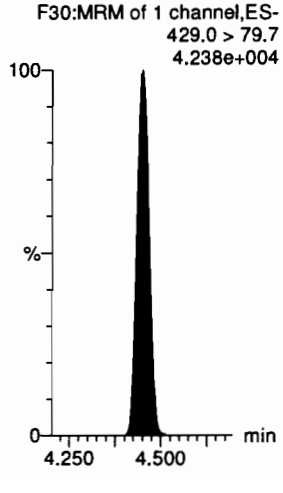




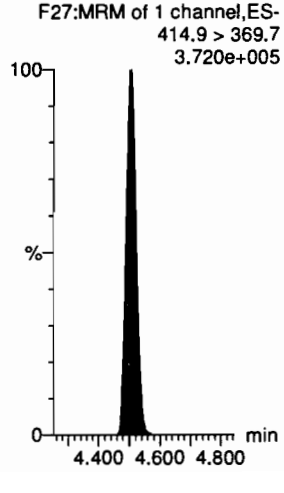
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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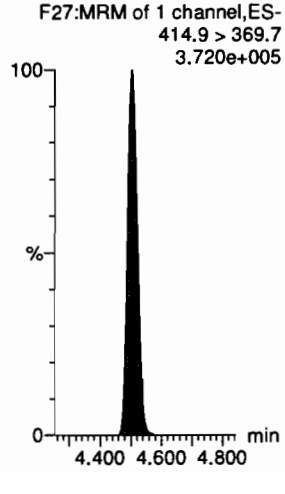
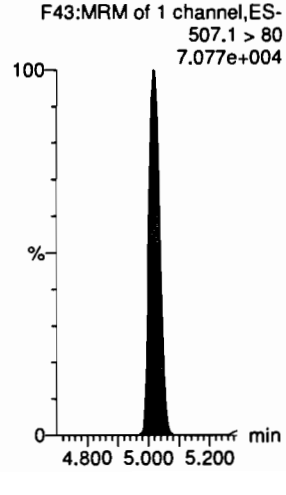
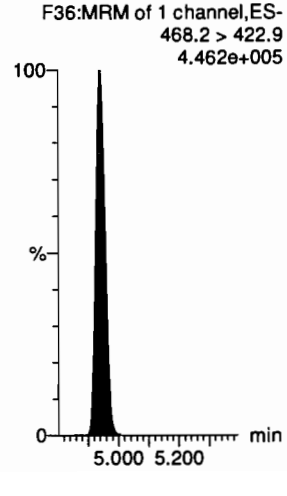


13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200706P1-26, Date: 06-Jul-2020, Time: 14:27:27, ID: ST200706P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

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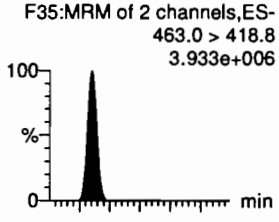

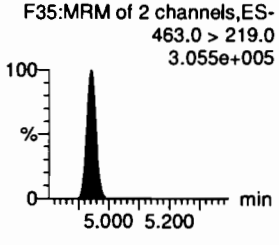

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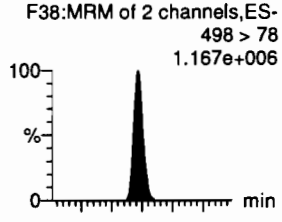

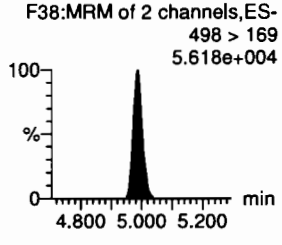

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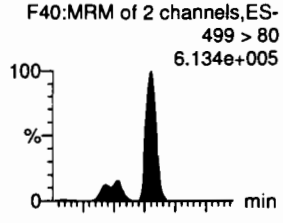
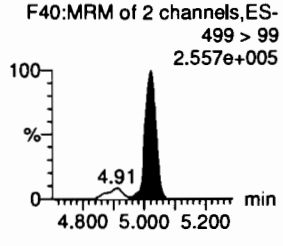
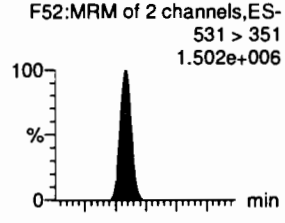
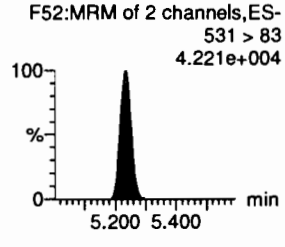




9Cl-PF30NS





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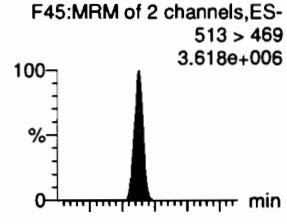
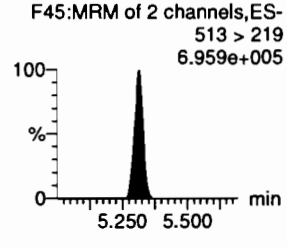
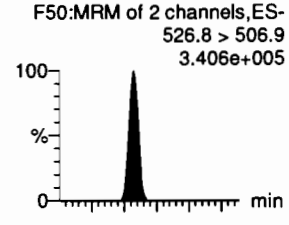
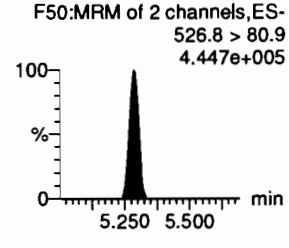


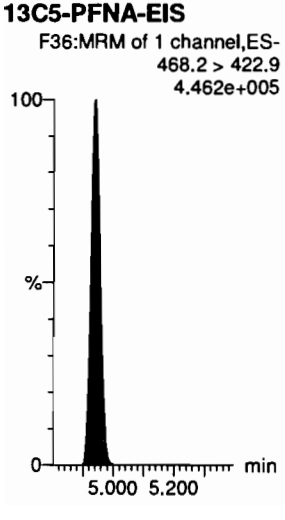


8:2 FTS

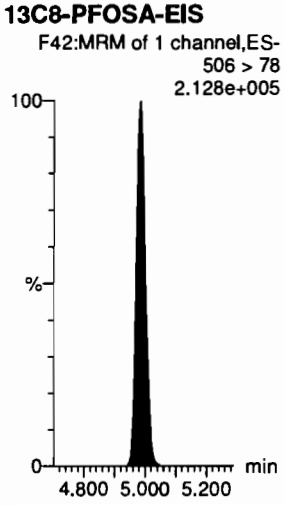




13C5-PFNA-EIS



13C8-PFOSA-EIS



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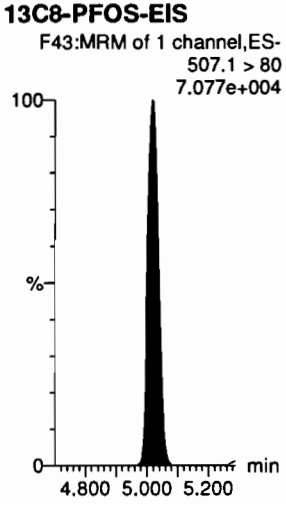

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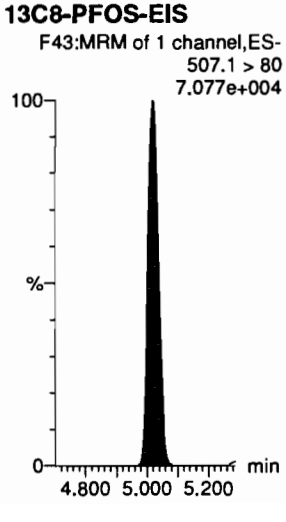
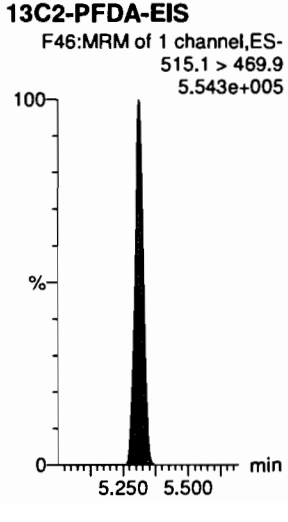
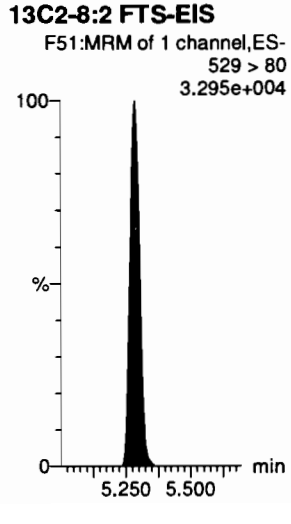


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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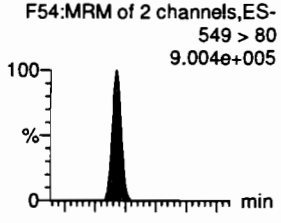
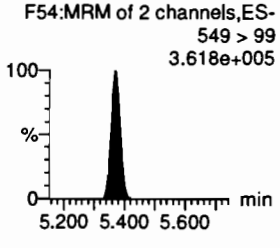
Name: 200706P1-26, Date: 06-Jul-2020, Time: 14:27:27, ID: ST200706P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

PFNS





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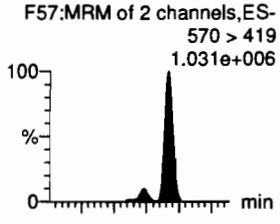

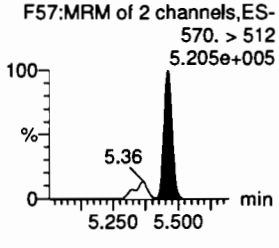

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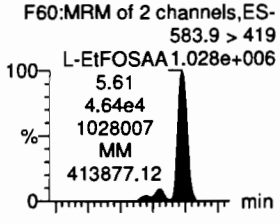
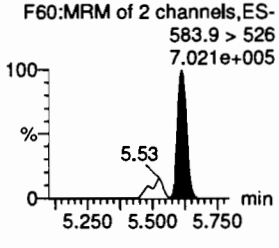
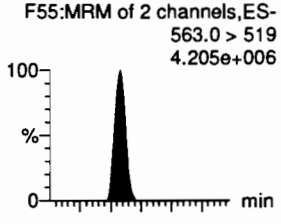
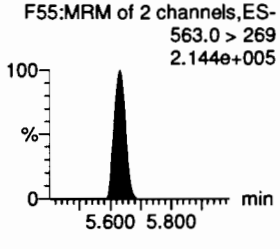




PFUdA





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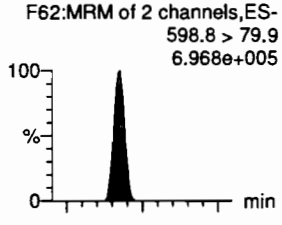
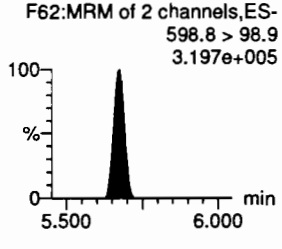
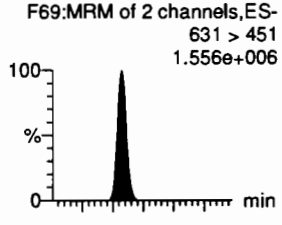
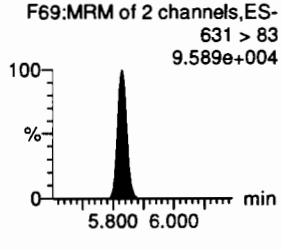


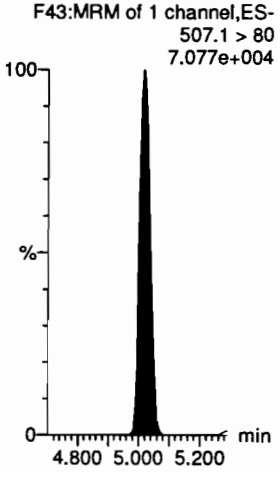


11Cl-PF30UdS





13C8-PFOS-EIS



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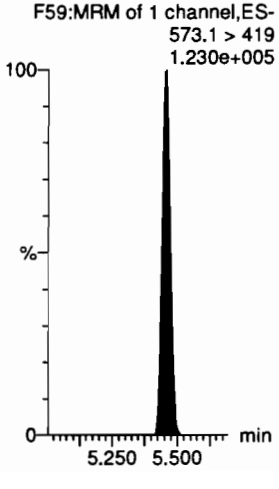

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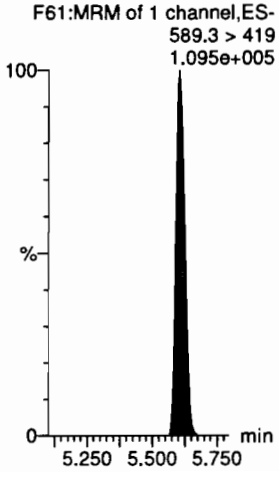

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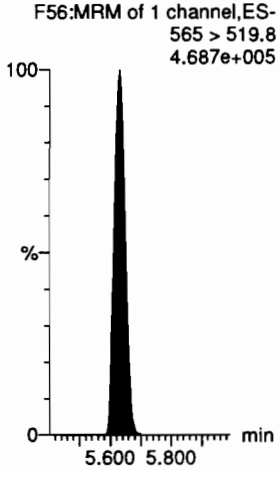

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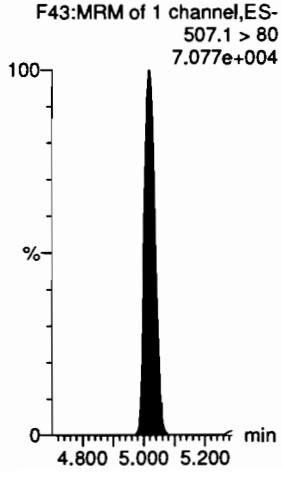

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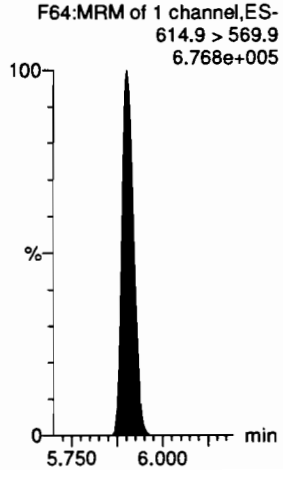

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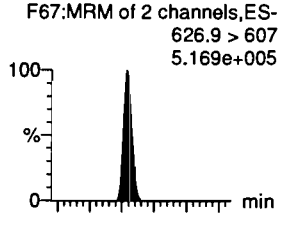
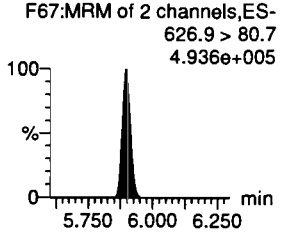
Name: 200706P1-26, Date: 06-Jul-2020, Time: 14:27:27, ID: ST200706P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

10:2 FTS





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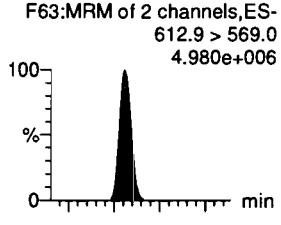

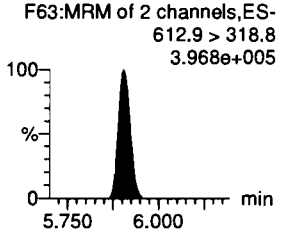

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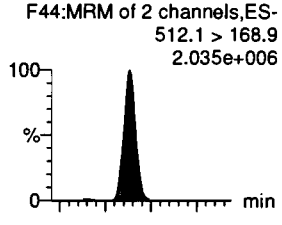

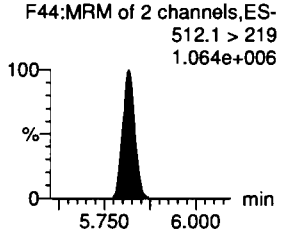

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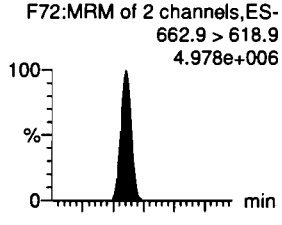
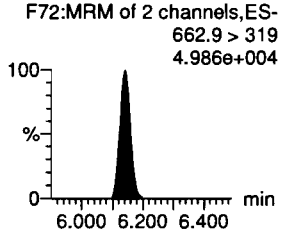
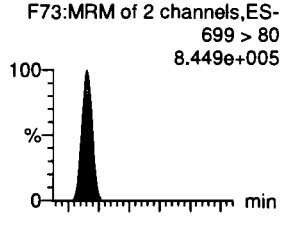
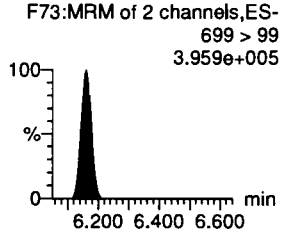




PFDoS





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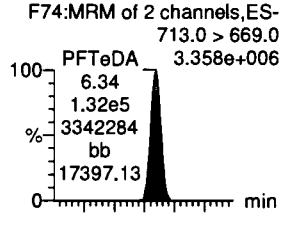
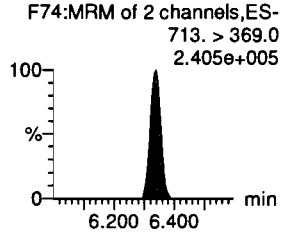
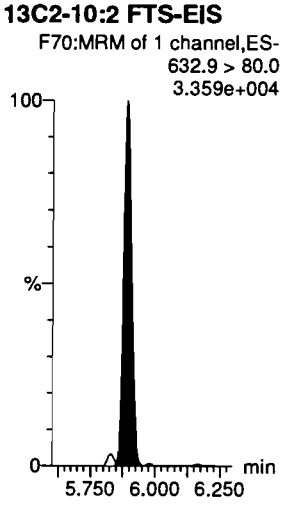
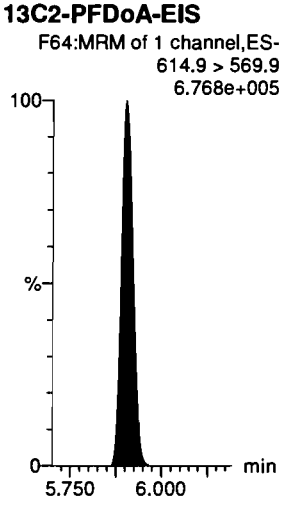




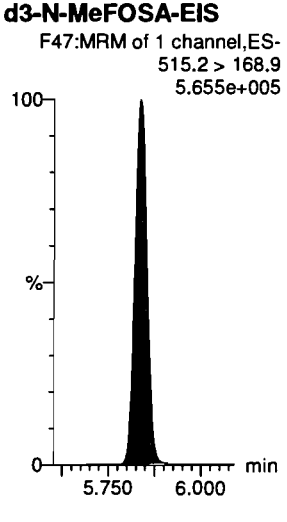
13C2-10:2 FTS-EIS



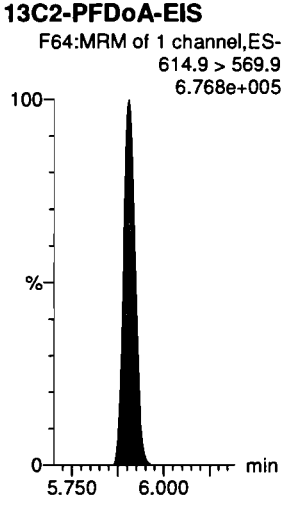
13C2-PFDoA-EIS



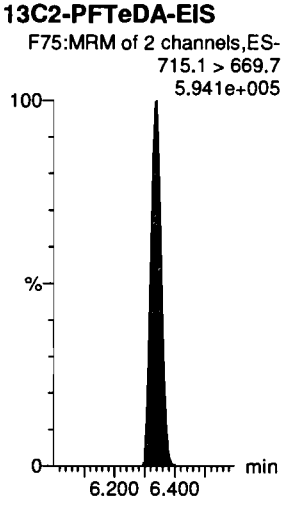
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



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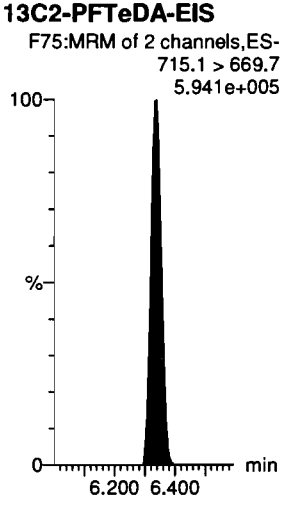

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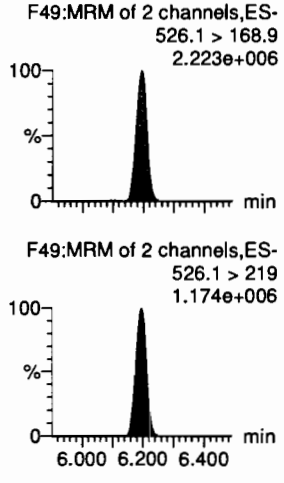
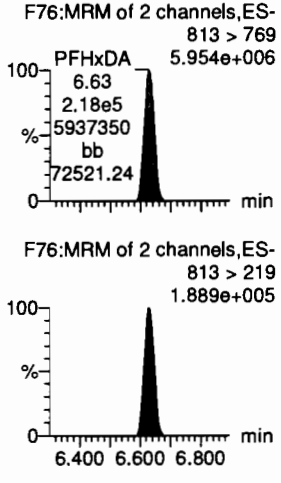
Name: 200706P1-26, Date: 06-Jul-2020, Time: 14:27:27, ID: ST200706P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

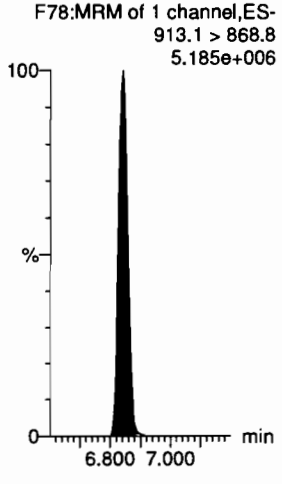
N-EtFOSA



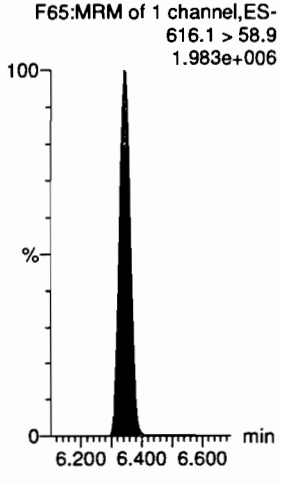
PFHxDA



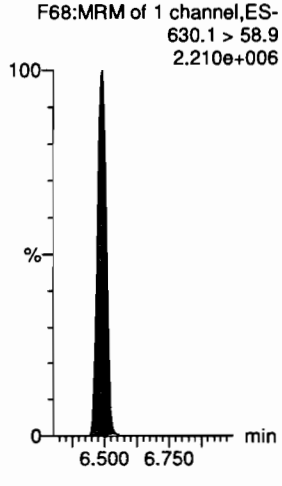
PFODA



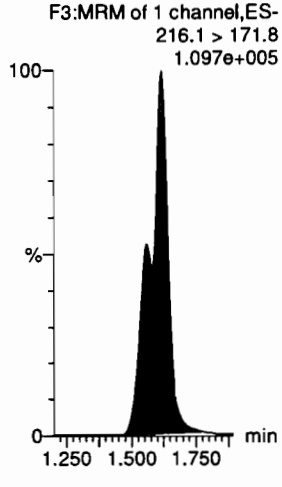
N-MeFOSE



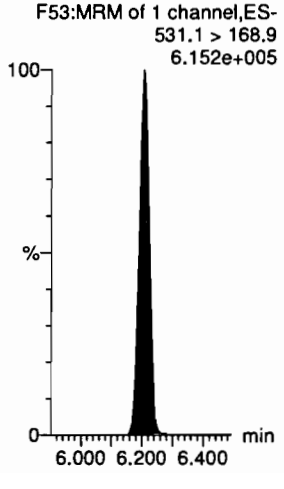
N-EtFOSE



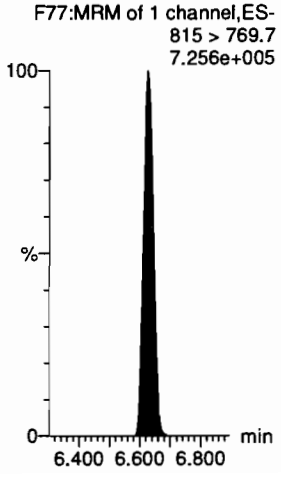
13C3-PFBA-RSD



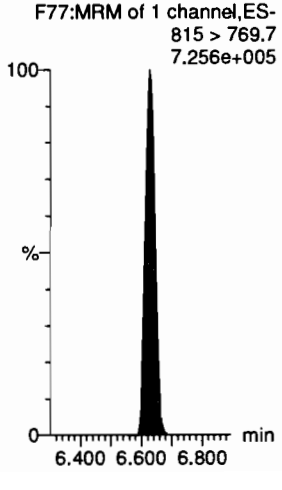
d5-N-ETFOSA-EIS



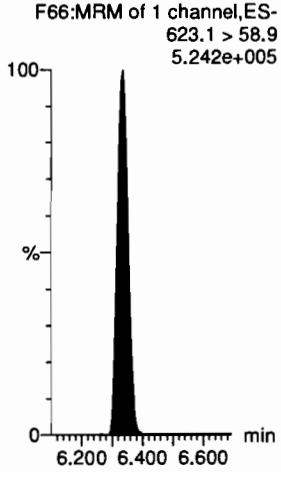
13C2-PFHxDA-EIS



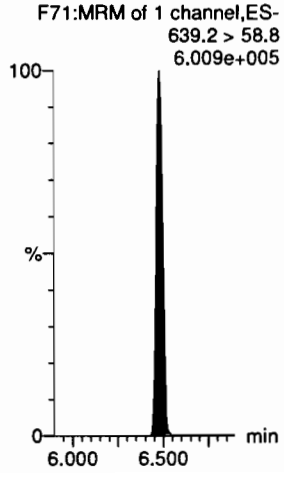
13C2-PFHxDA-EIS



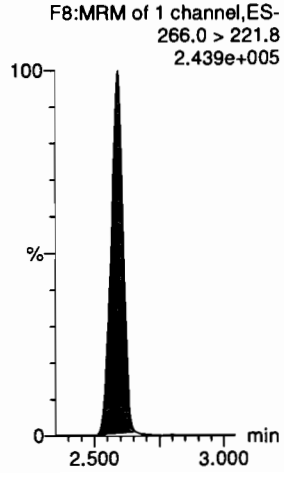
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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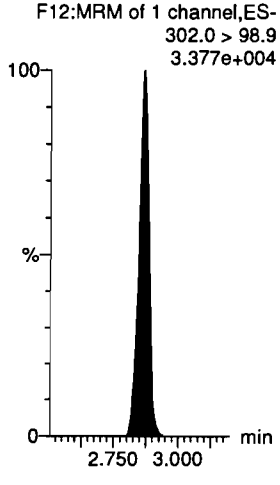
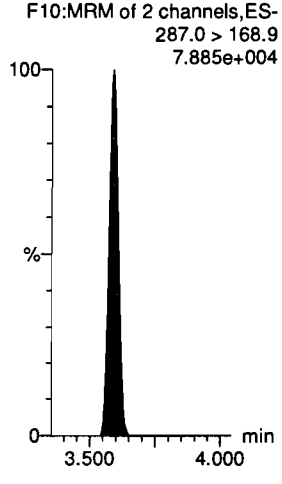
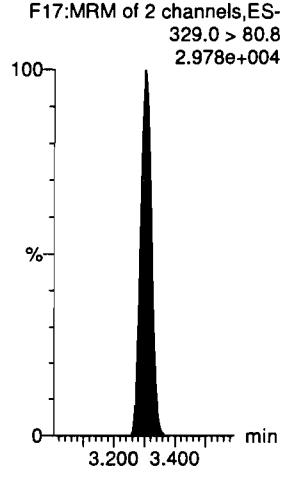
13C3-PFBS-RSD



13C3-HFPO-DA-RSD

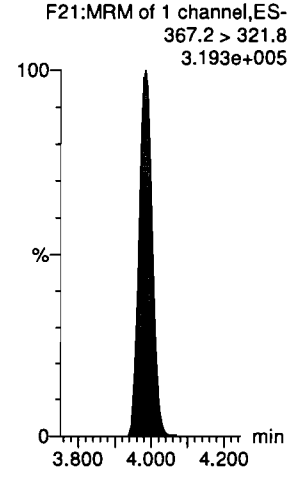


13C2-4:2 FTS-RSD

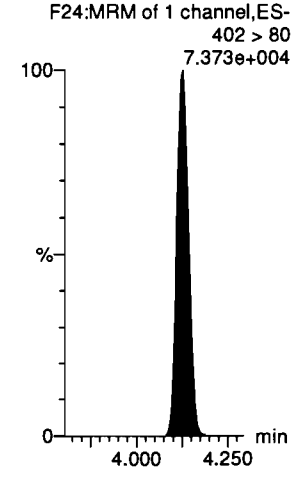


13C2-PFHxA-RSD

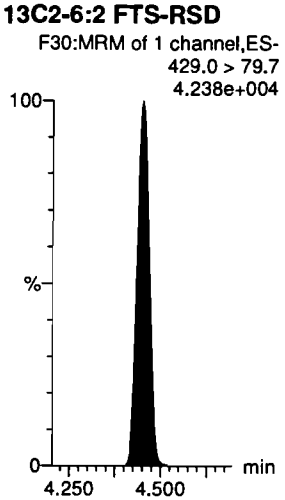
13C4-PFHpA-RSD



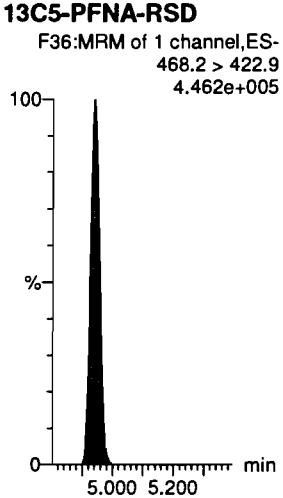
13C3-PFHxS-RSD



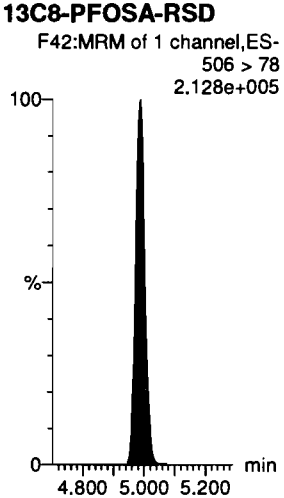
13C2-6:2 FTS-RSD



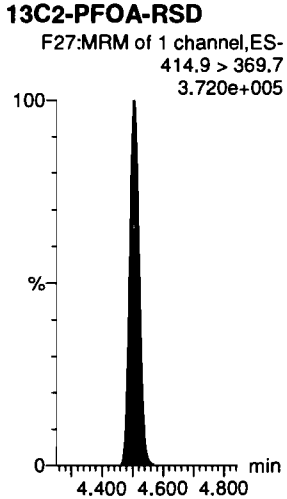
13C5-PFNA-RSD



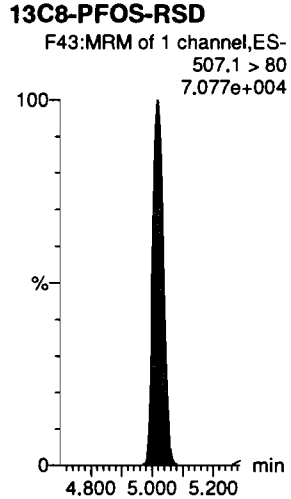
13C8-PFOSA-RSD



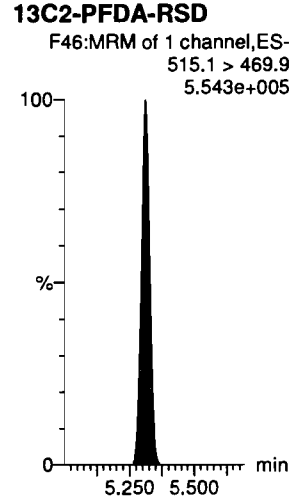
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



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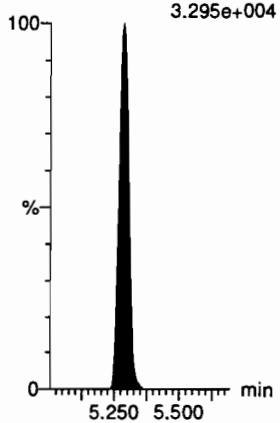
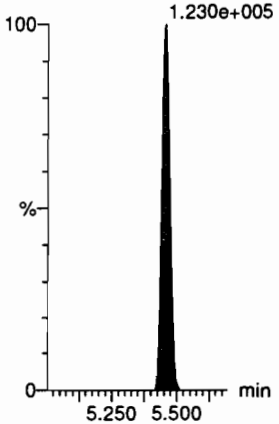
Name: 200706P1-26, Date: 06-Jul-2020, Time: 14:27:27, ID: ST200706P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

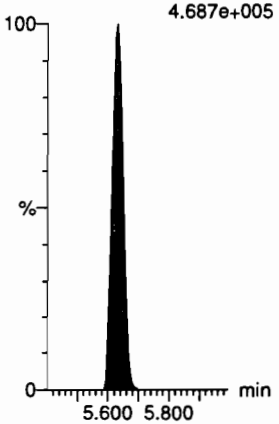
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
3.295e+004



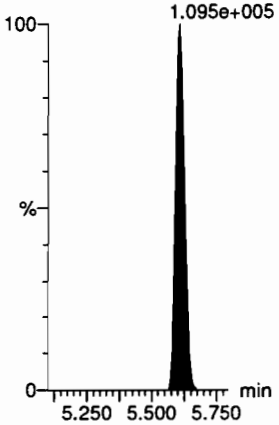
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.230e+005



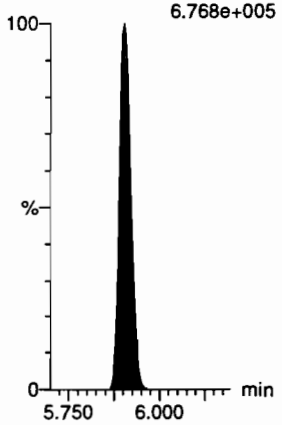
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.687e+005



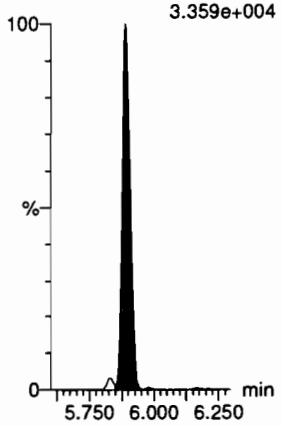
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.095e+005



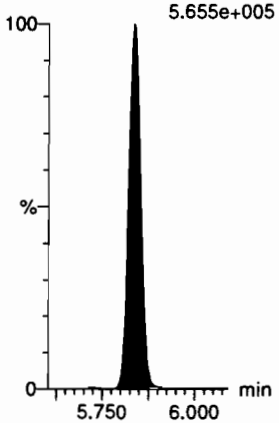
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
6.768e+005



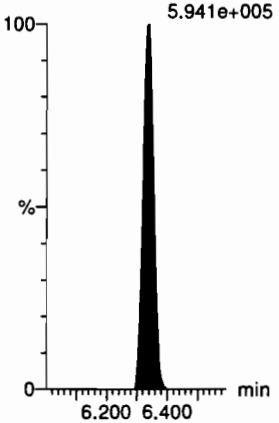
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
3.359e+004



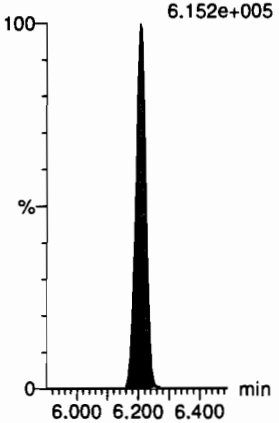
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.655e+005



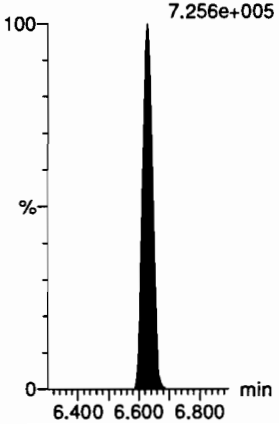
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.941e+005



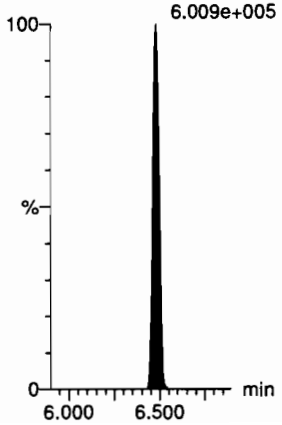
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.152e+005



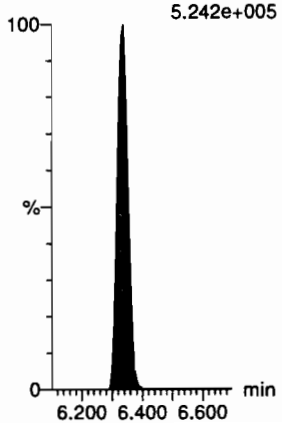
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.256e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
6.009e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
5.242e+005



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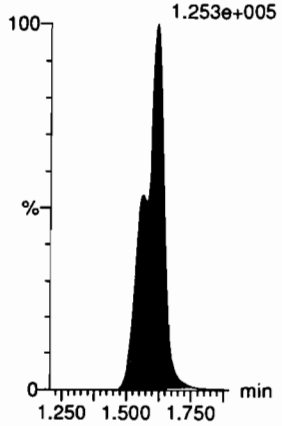
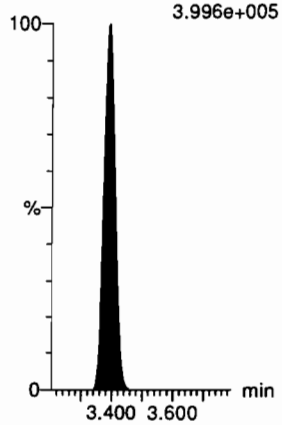
Name: 200706P1-26, Date: 06-Jul-2020, Time: 14:27:27, ID: ST200706P1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

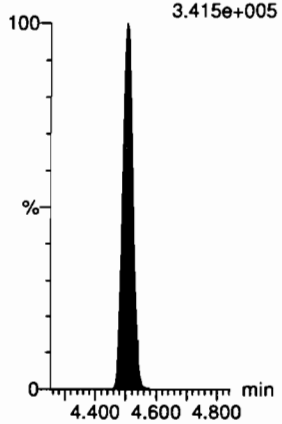
13C4-PFBA



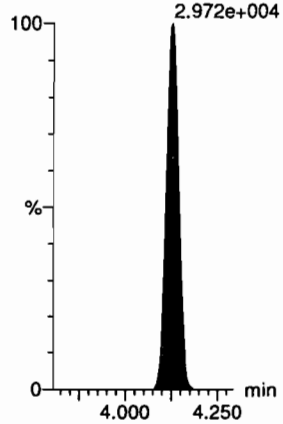
13C5-PFHxA



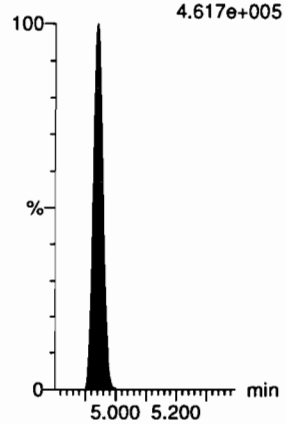
13C8-PFOA



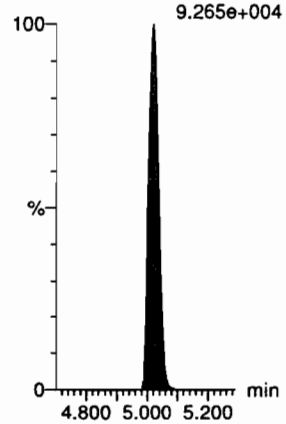
18O2-PFHxS



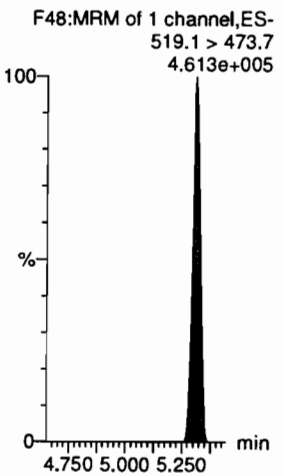
13C9-PFNA



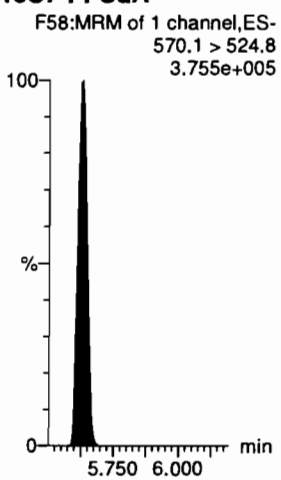
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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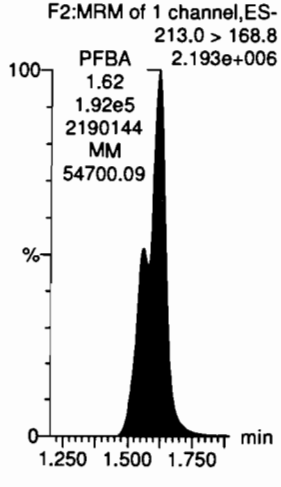
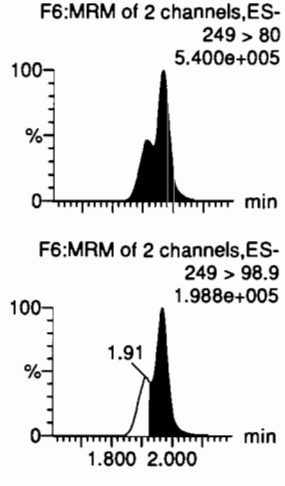
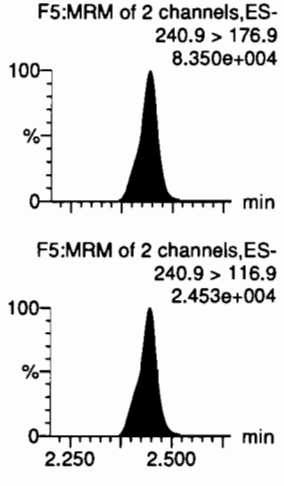
PFBA



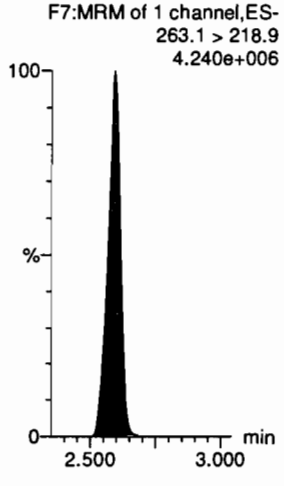
PFPrS



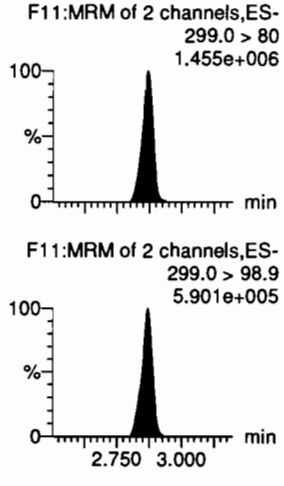
3:3 FTCA



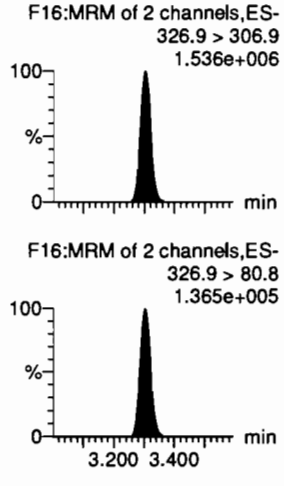
PFPeA



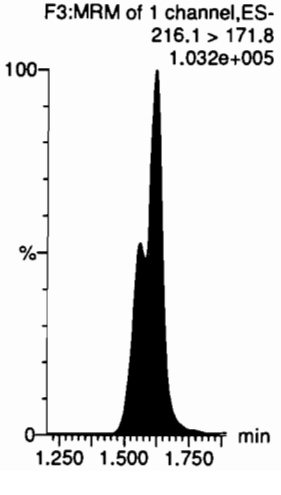
PFBS



4:2 FTS



13C3-PFBA-EIS



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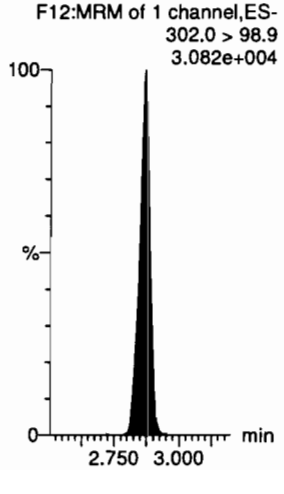
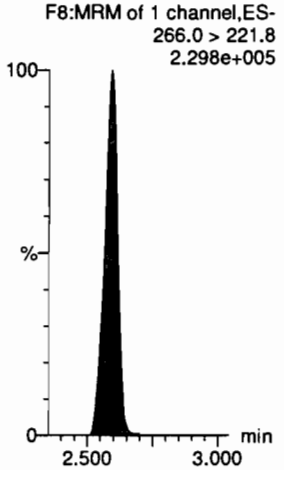


13C3-PFPeA-EIS



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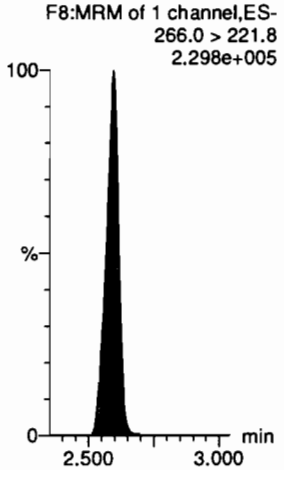

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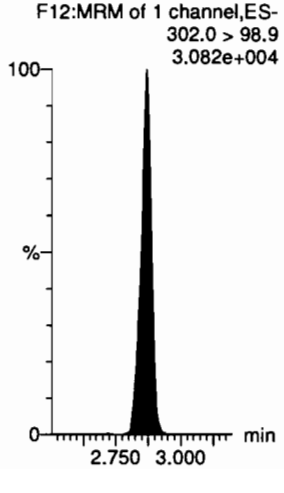
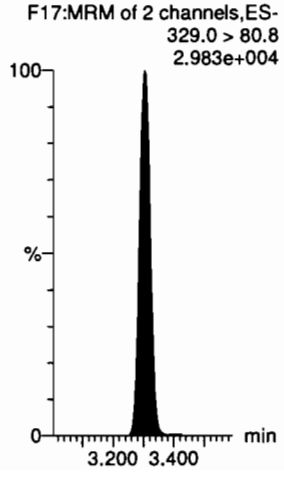


13C2-4:2 FTS-EIS



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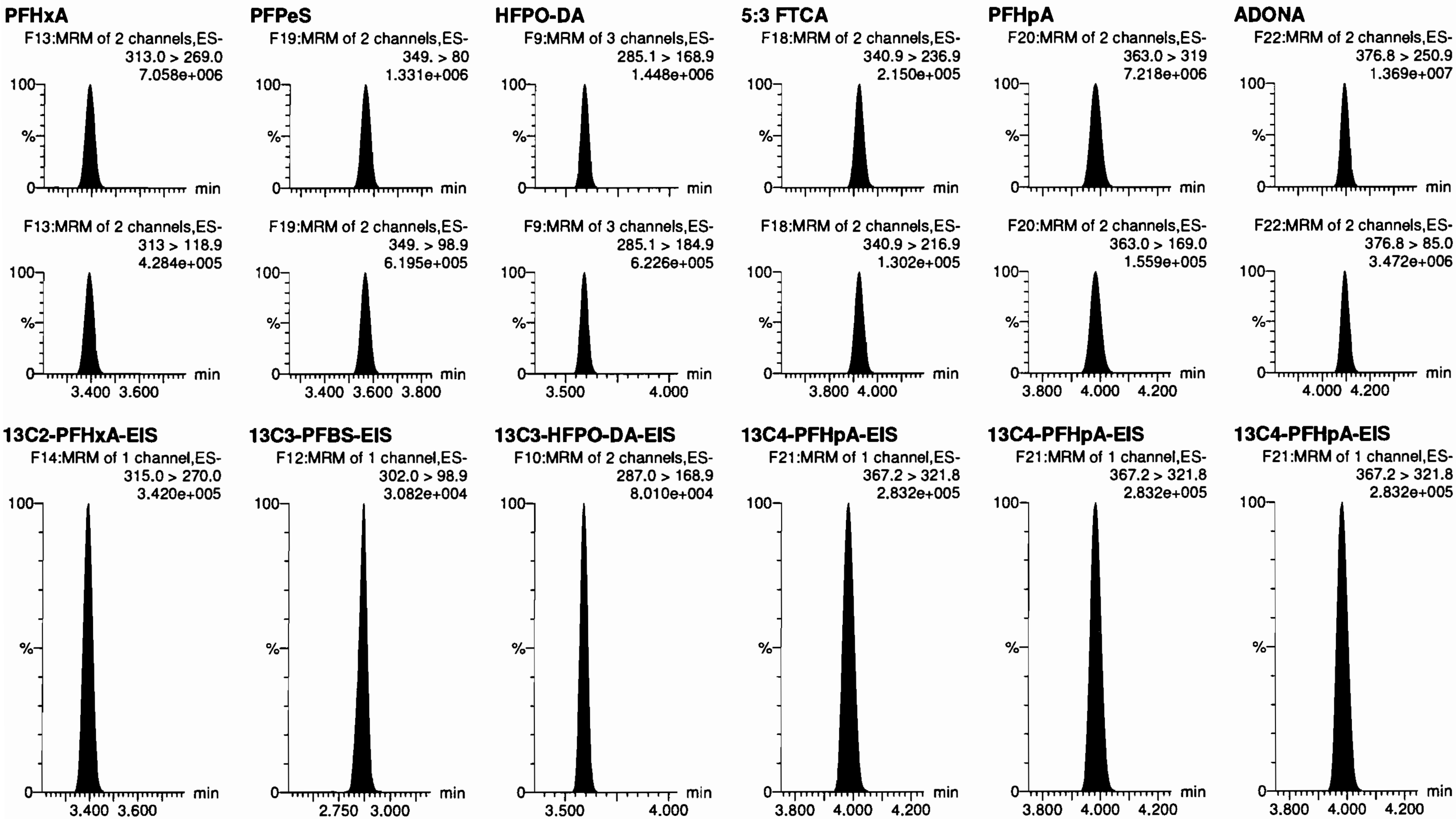
Name: 200706P1-27, Date: 06-Jul-2020, Time: 14:37:59, ID: ST200706P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909



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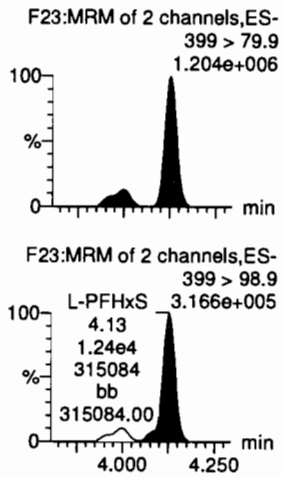
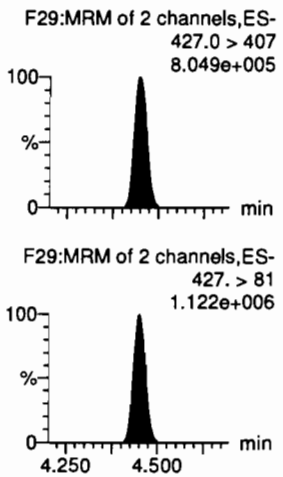
Name: 200706P1-27, Date: 06-Jul-2020, Time: 14:37:59, ID: ST200706P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

L-PFHxS



6:2 FTS



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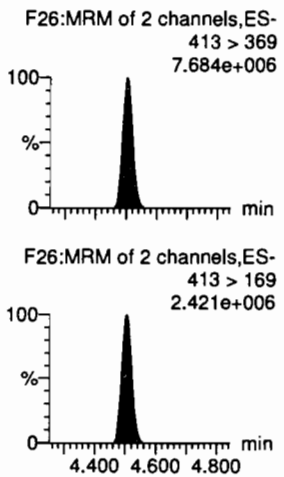

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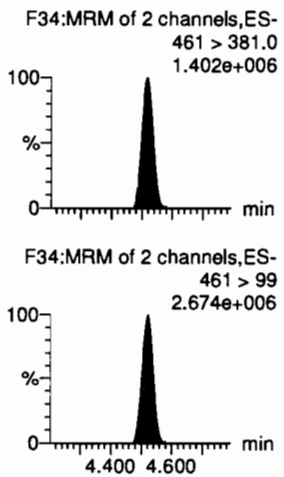

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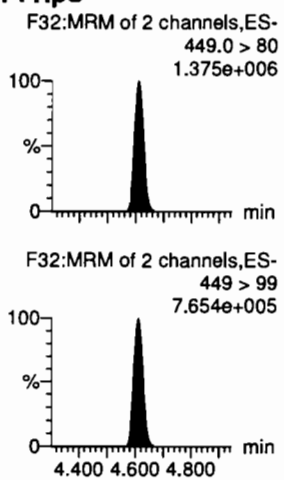
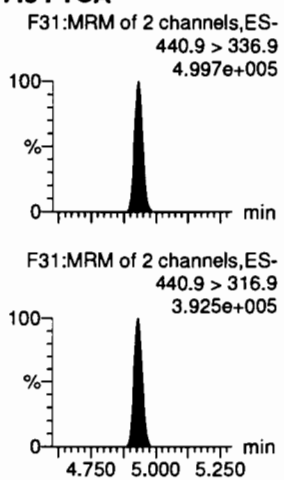
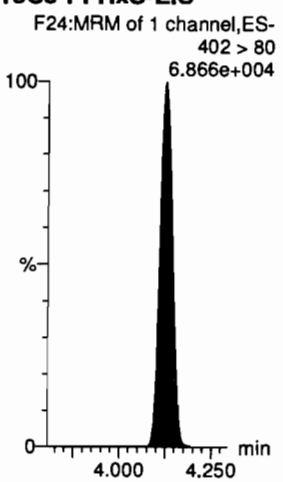


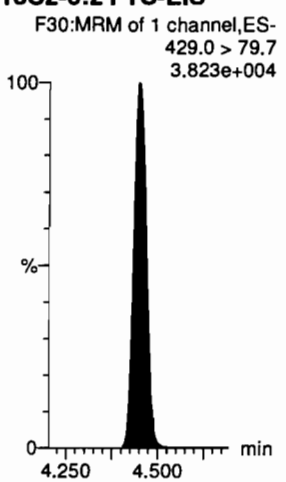
7:3 FTCA



13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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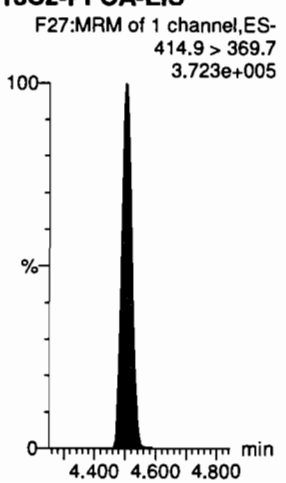

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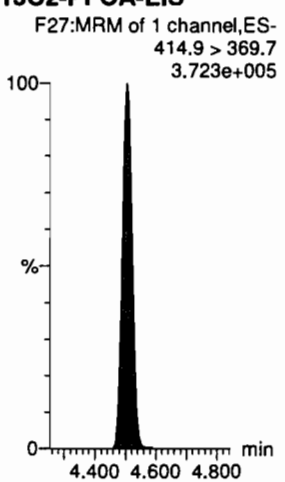
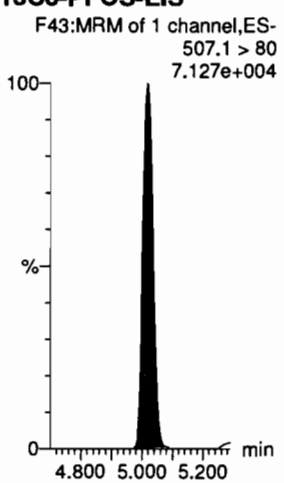
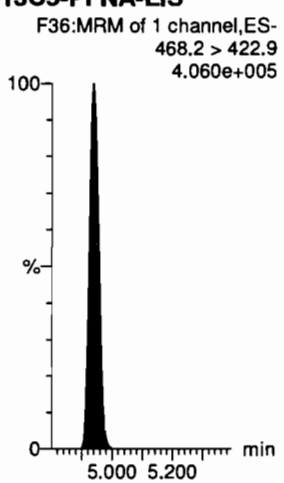


13C8-PFOS-EIS



13C5-PFNA-EIS



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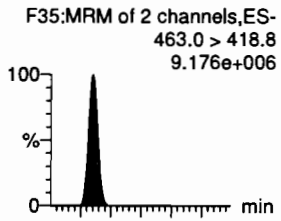
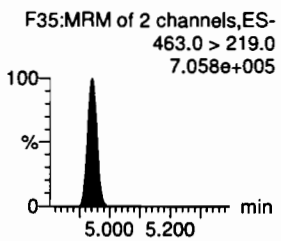
Name: 200706P1-27, Date: 06-Jul-2020, Time: 14:37:59, ID: ST200706P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

PFNA





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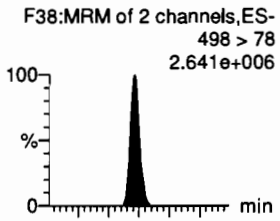
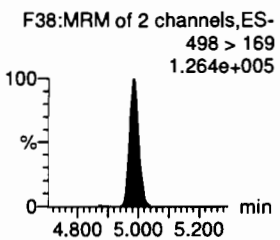
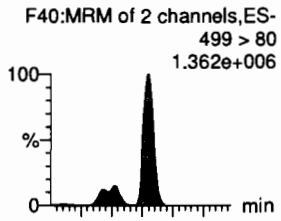
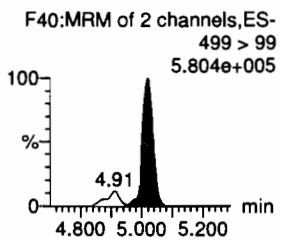


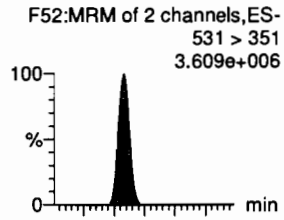


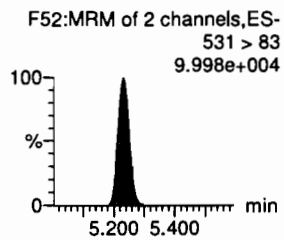
L-PFOS





9Cl-PF30NS





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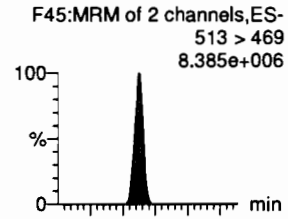
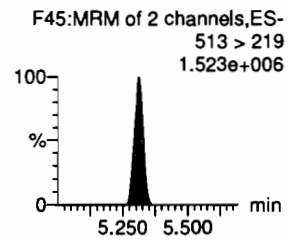
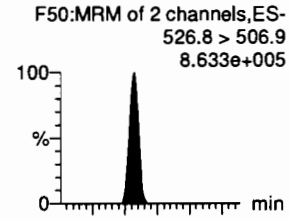
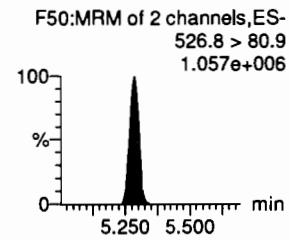


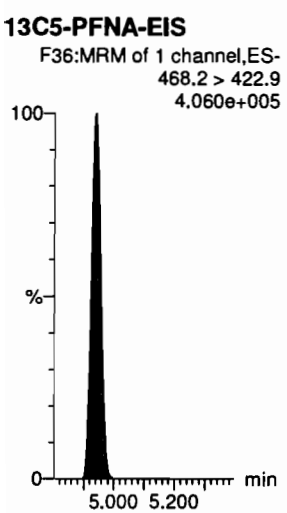


8:2 FTS

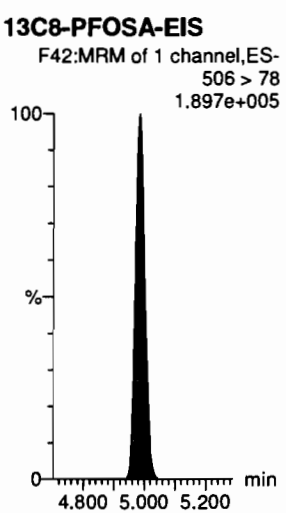




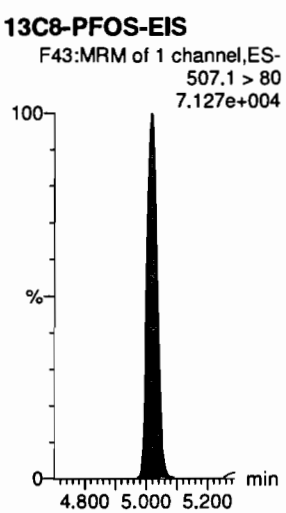
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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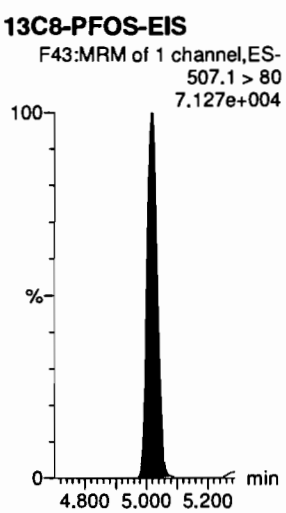
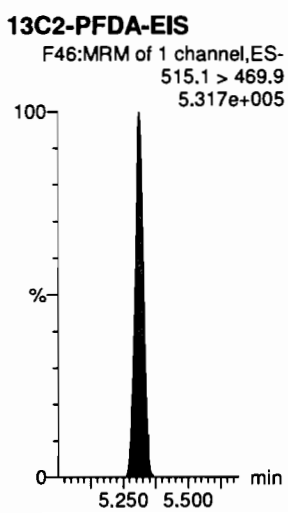
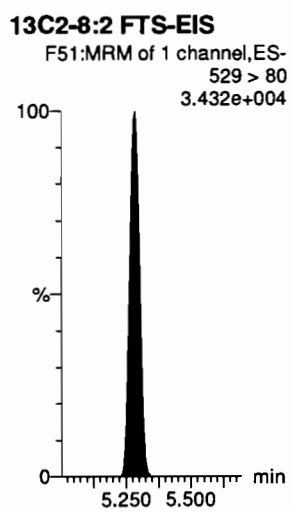


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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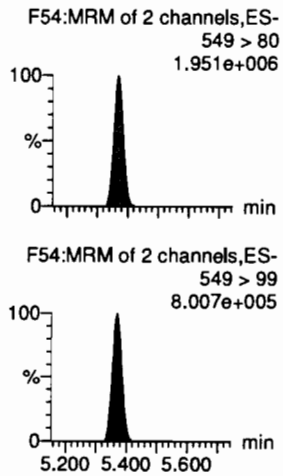
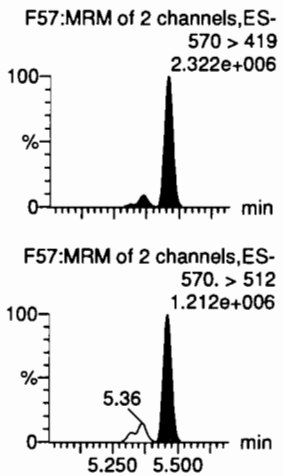
Name: 200706P1-27, Date: 06-Jul-2020, Time: 14:37:59, ID: ST200706P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

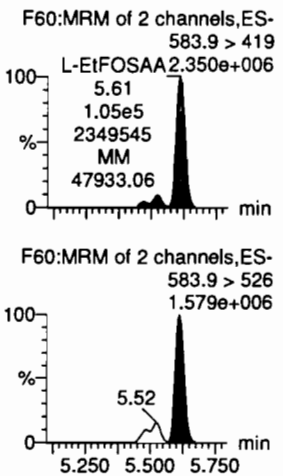
PFNS



L-MeFOSAA



L-EtFOSAA



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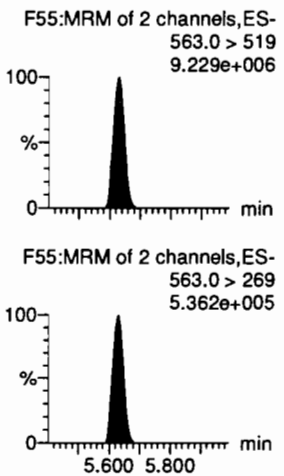
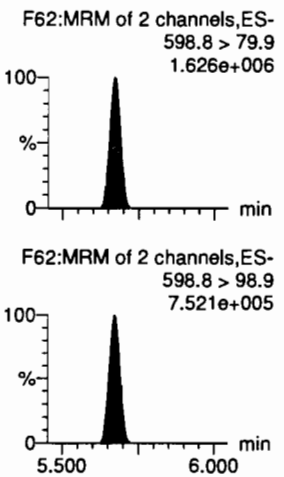
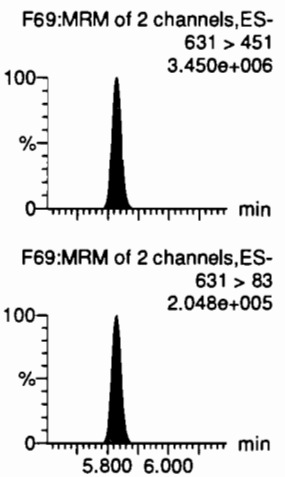


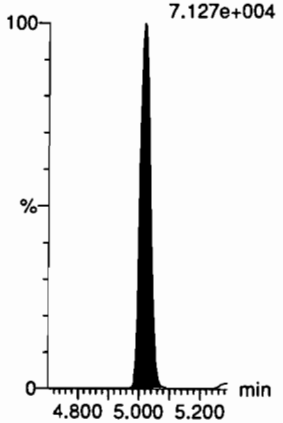
PFDS



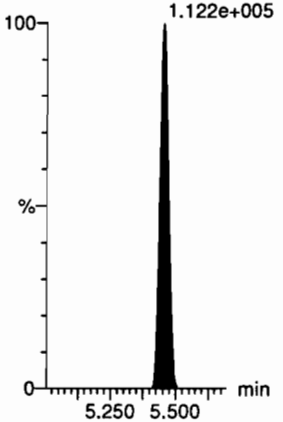
11Cl-PF30UdS



13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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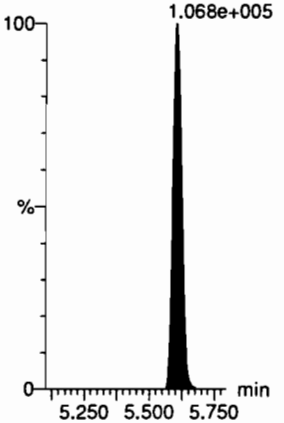

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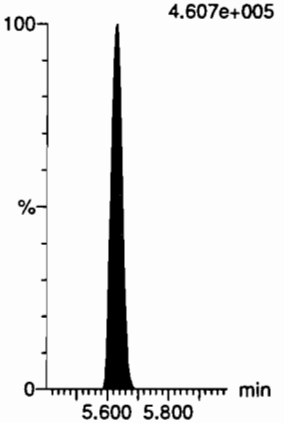

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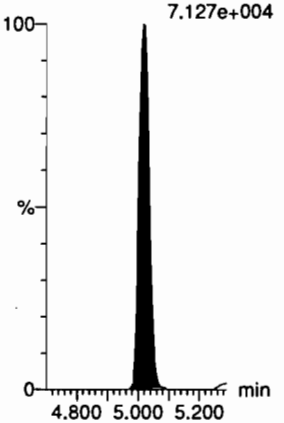

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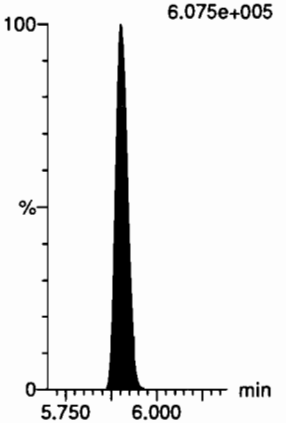

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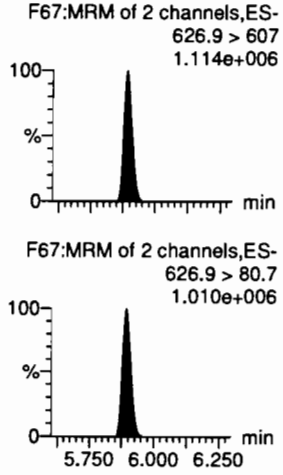
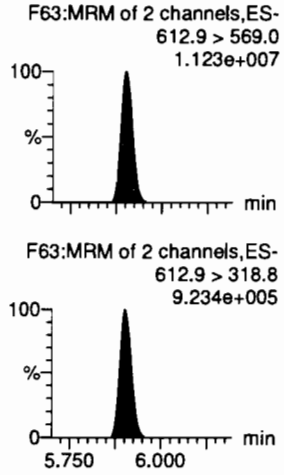
Name: 200706P1-27, Date: 06-Jul-2020, Time: 14:37:59, ID: ST200706P1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

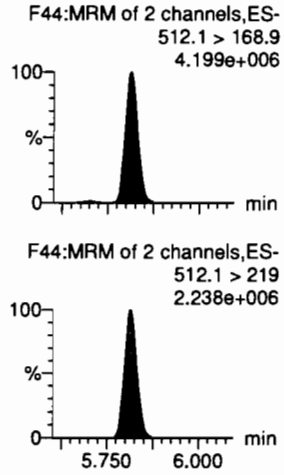
10:2 FTS



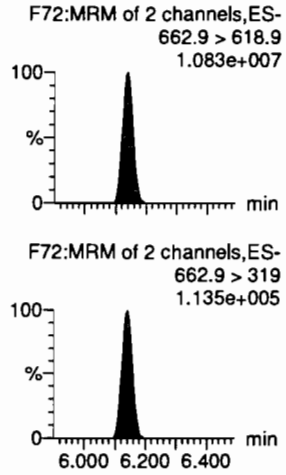
PFDoA



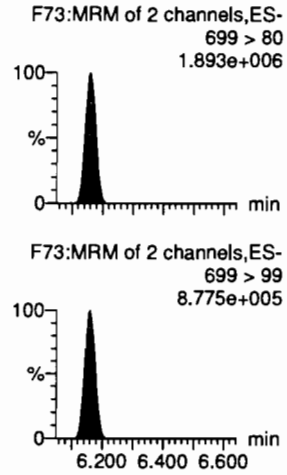
N-MeFOSA



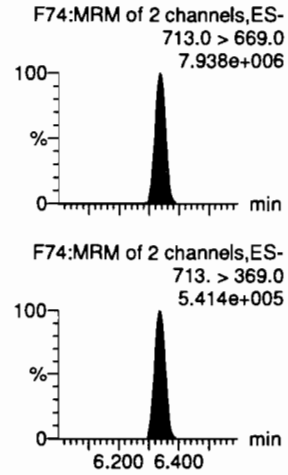
PFTrDA



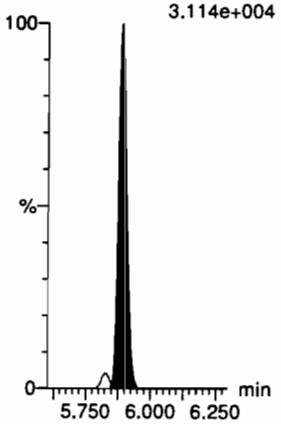
PFDoS



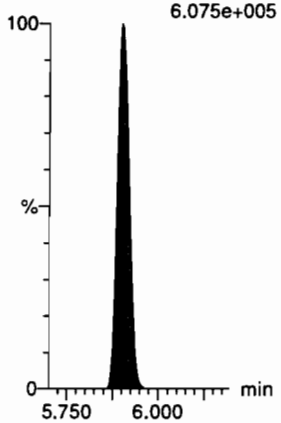
PFTeDA



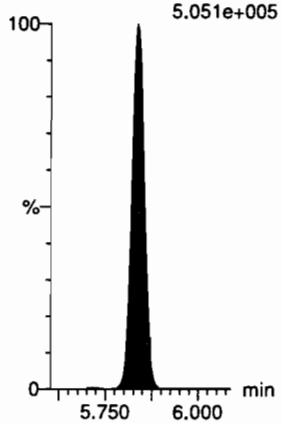
13C2-10:2 FTS-EIS



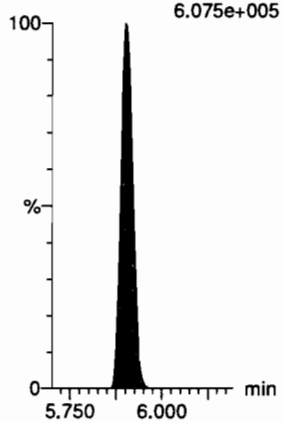
13C2-PFDoA-EIS



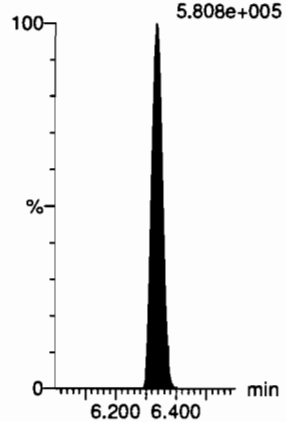
d3-N-MeFOSA-EIS



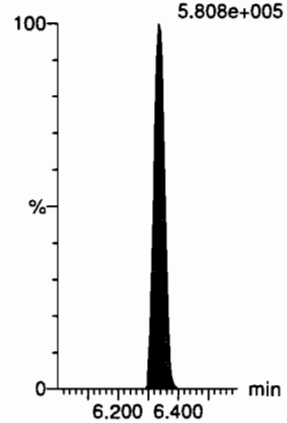
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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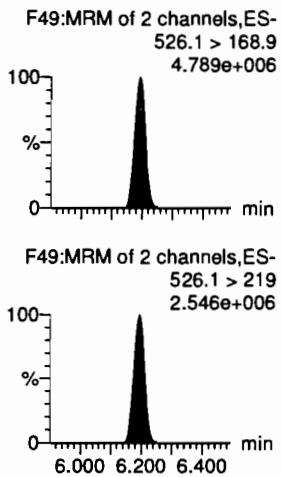
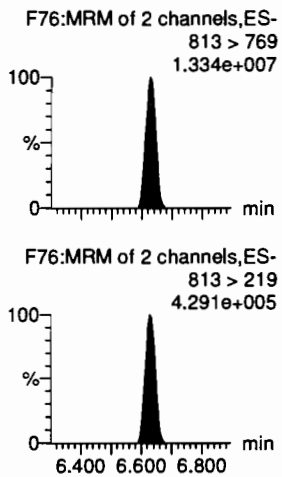
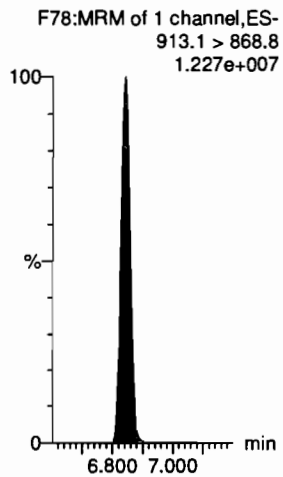
N-EtFOSA



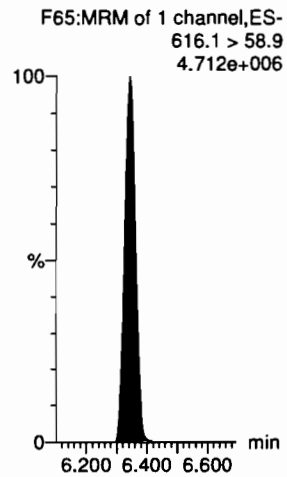
PFHxDA



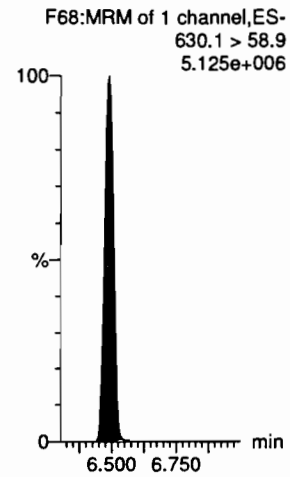
PFODA



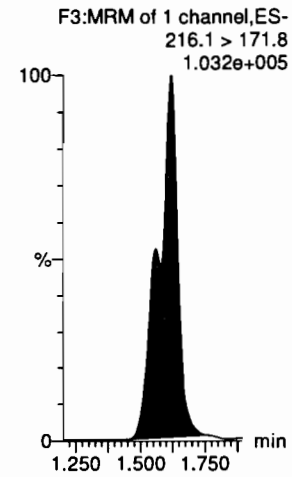
N-MeFOSE



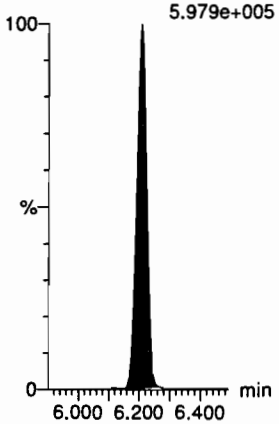
N-EtFOSE



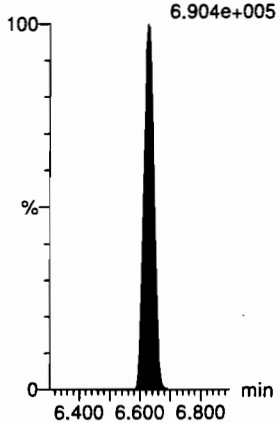
13C3-PFBA-RSD



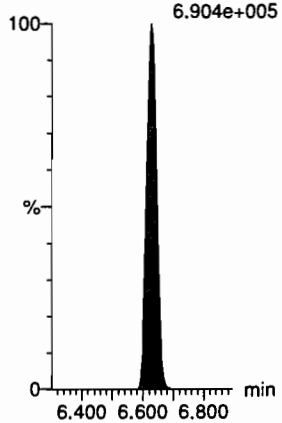
d5-N-ETFOSA-EIS



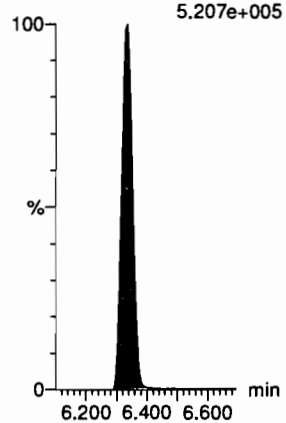
13C2-PFHxDA-EIS



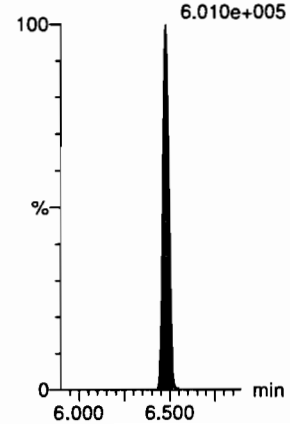
13C2-PFHxDA-EIS



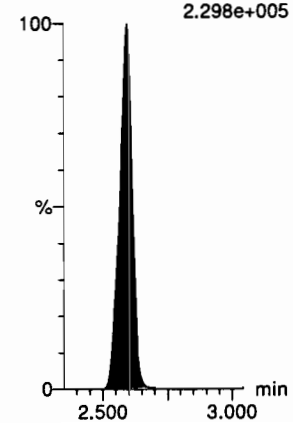
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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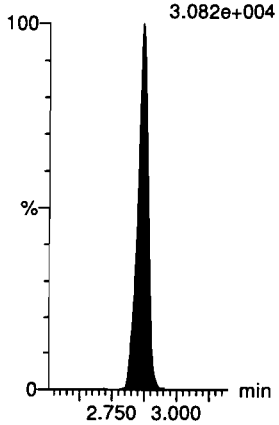
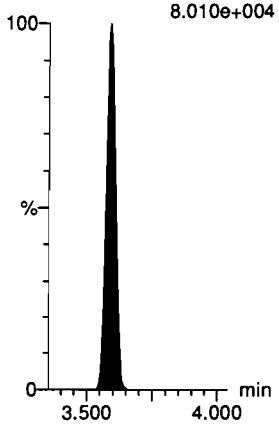
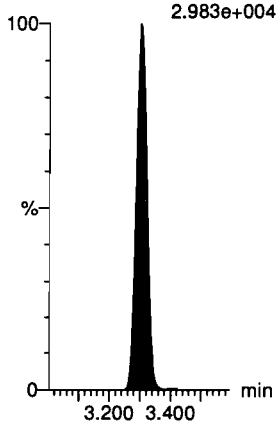
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 98.9
3.082e+004



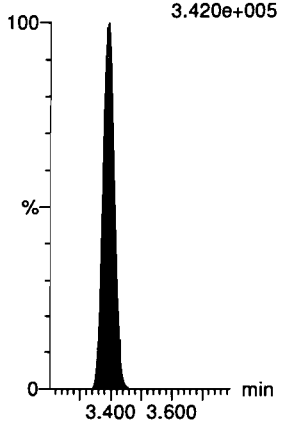
13C3-HFPO-DA-RSD
F10:MRM of 2 channels,ES-
287.0 > 168.9
8.010e+004



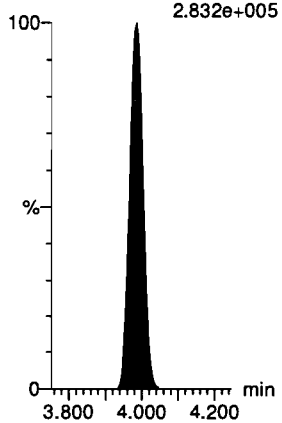
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 80.8
2.983e+004



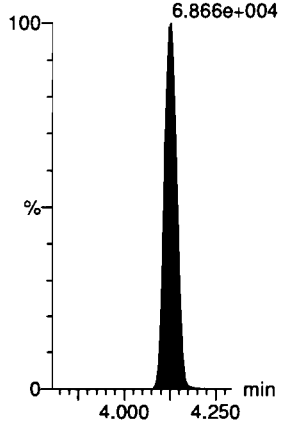
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.420e+005



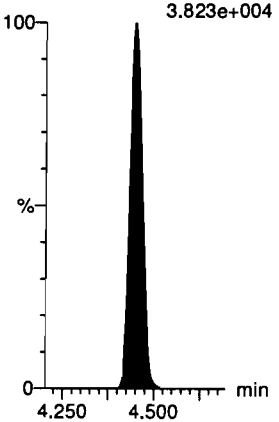
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.832e+005



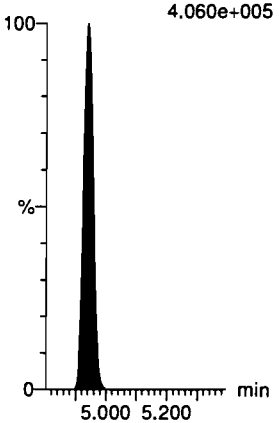
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
402 > 80
6.866e+004



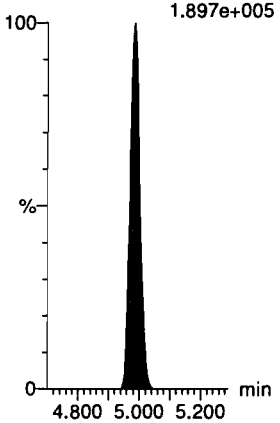
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.7
3.823e+004



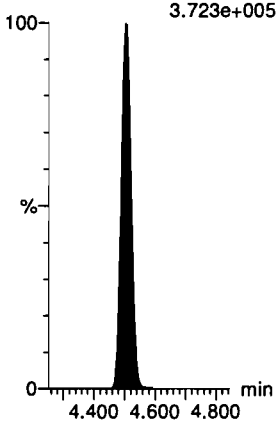
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.060e+005



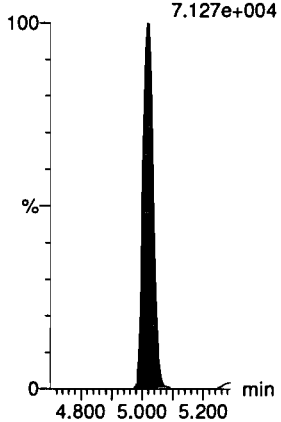
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506 > 78
1.897e+005



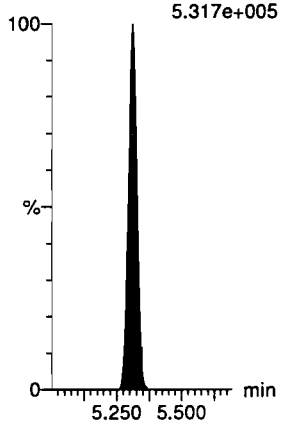
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.723e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.1 > 80
7.127e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
5.317e+005



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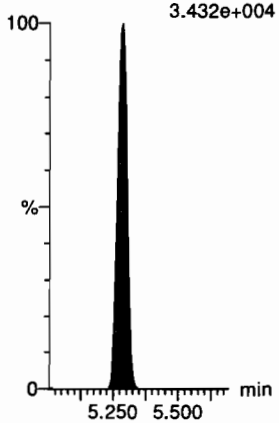
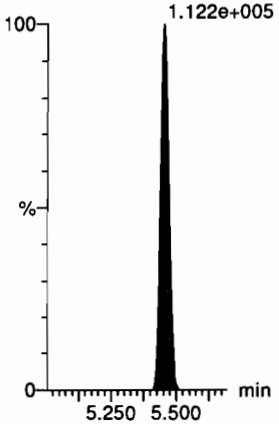
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
3.432e+004

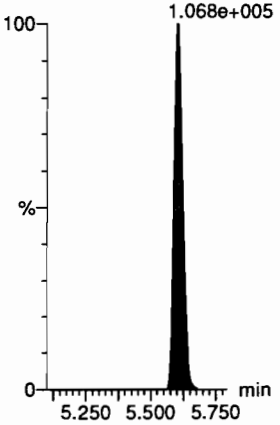


d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.122e+005

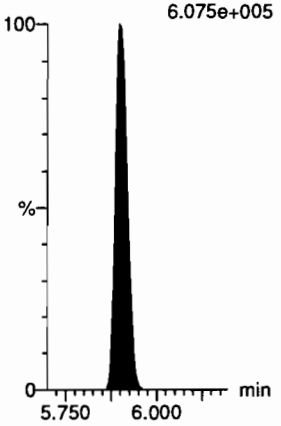


13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.607e+005

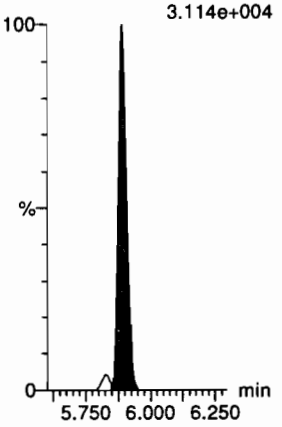
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.068e+005



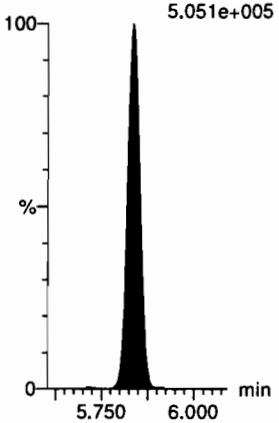
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
6.075e+005



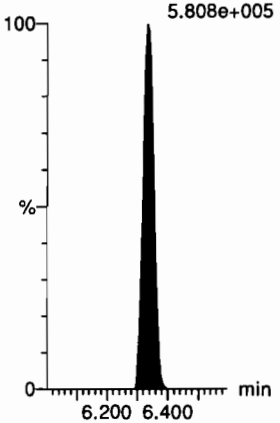
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
3.114e+004



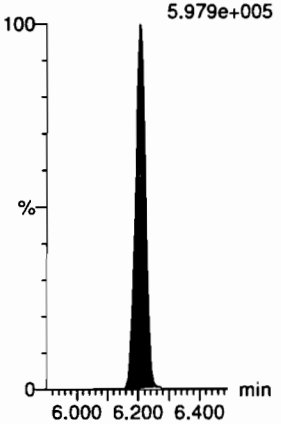
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.051e+005



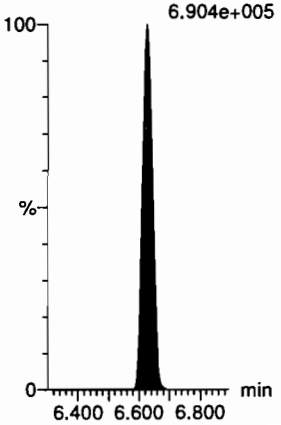
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.808e+005



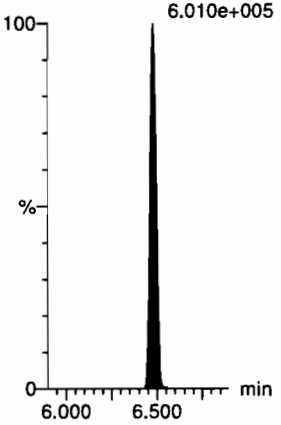
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.979e+005



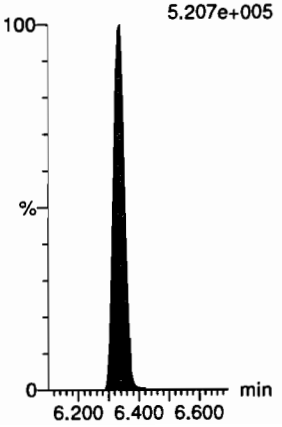
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.904e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
6.010e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
5.207e+005



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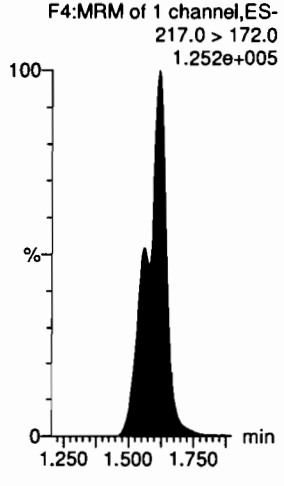
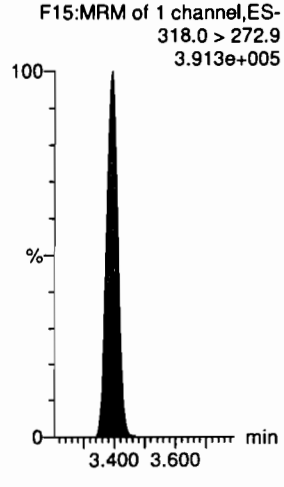
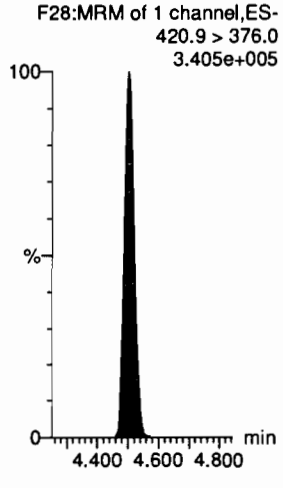
13C4-PFBA



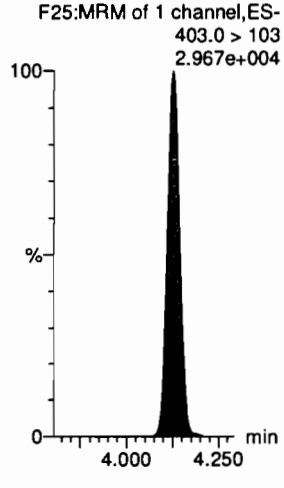
13C5-PFHxA



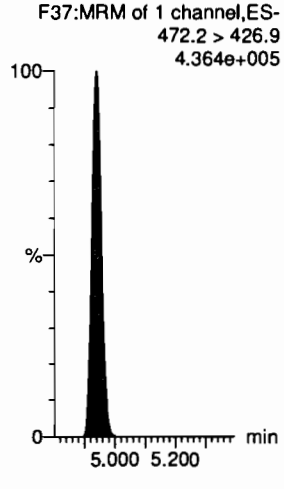
13C8-PFOA



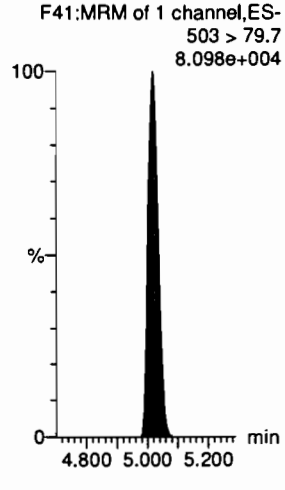
18O2-PFHxS



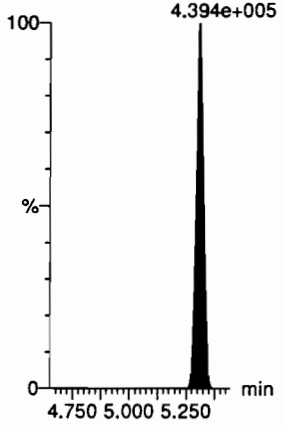
13C9-PFNA



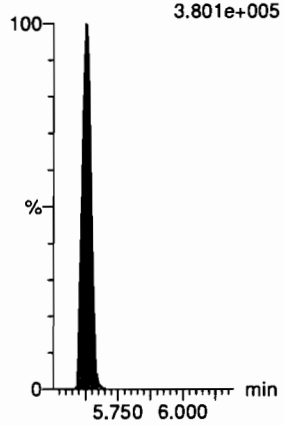
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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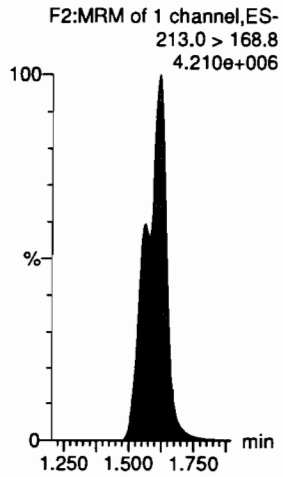
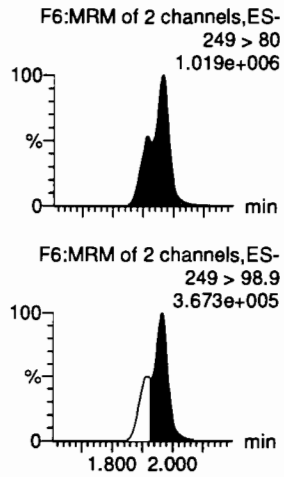
Name: 200706P1-28, Date: 06-Jul-2020, Time: 14:48:28, ID: ST200706P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

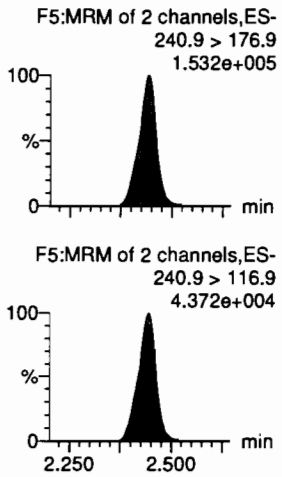
PFBA



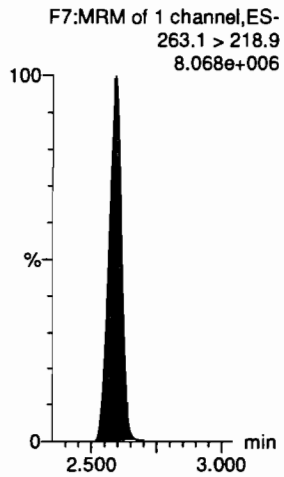
PFPrS



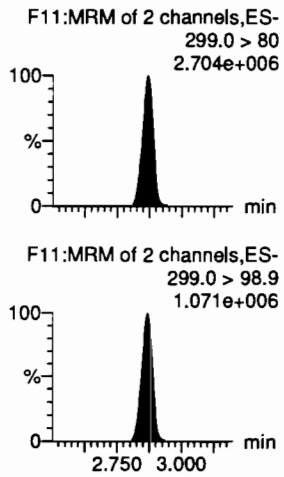
3:3 FTCA



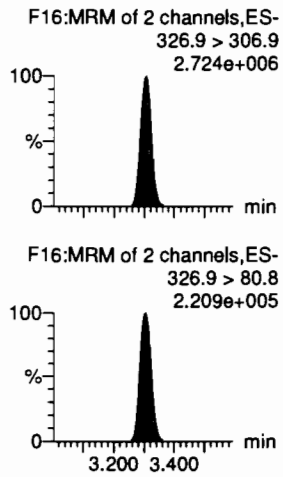
PFPeA



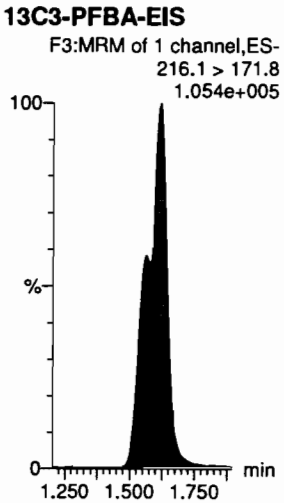
PFBS



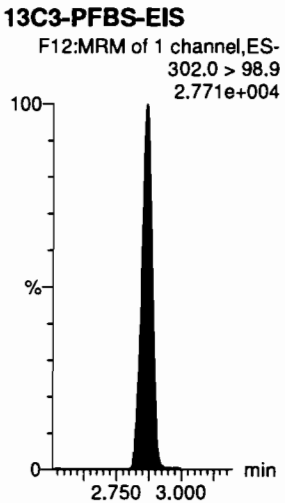
4:2 FTS



13C3-PFBA-EIS



13C3-PFBS-EIS



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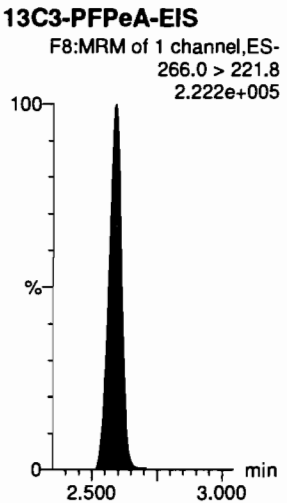

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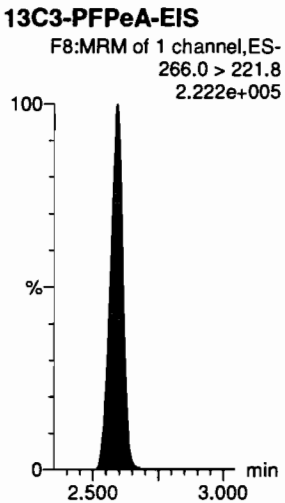

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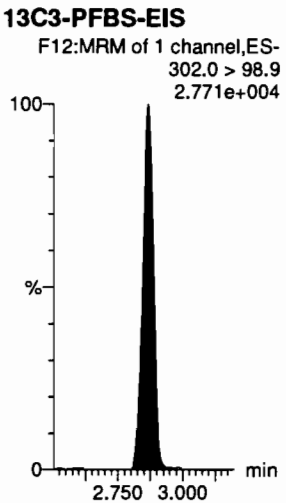
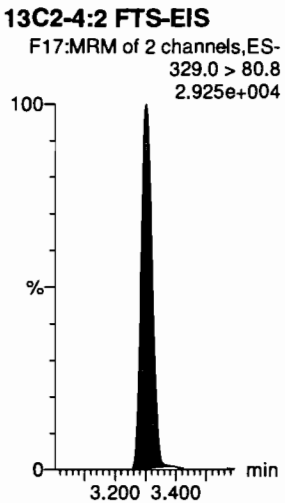


13C2-4:2 FTS-EIS



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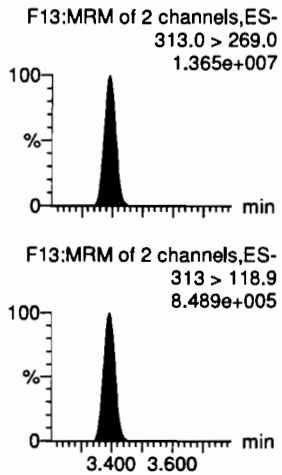
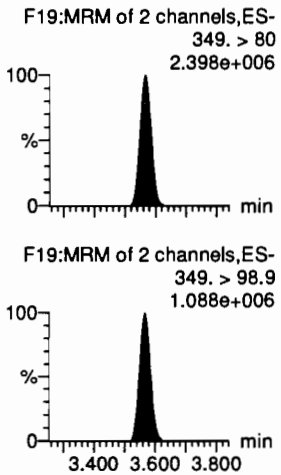
Name: 200706P1-28, Date: 06-Jul-2020, Time: 14:48:28, ID: ST200706P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

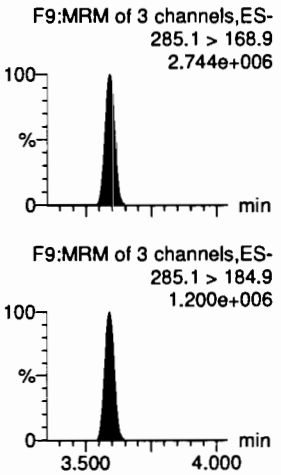
PFHxA



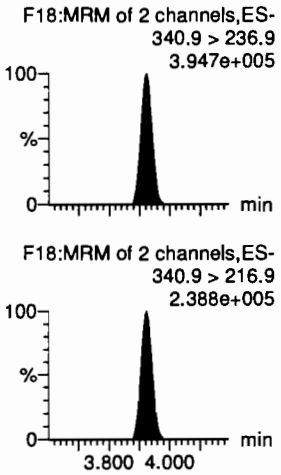
PFPeS



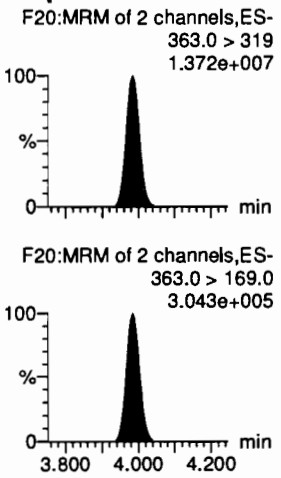
HFPO-DA



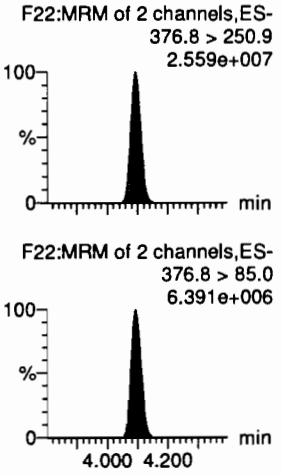
5:3 FTCA



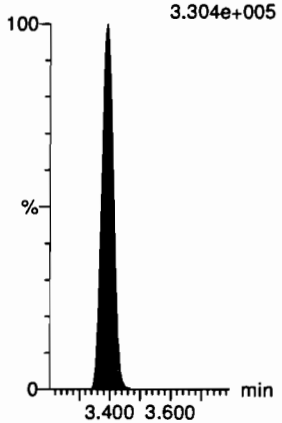
PFHpA



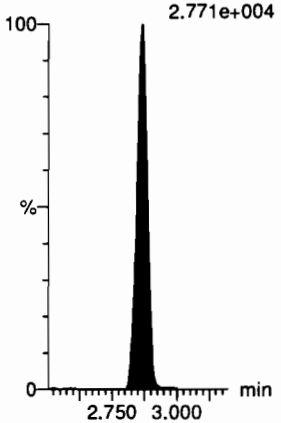
ADONA



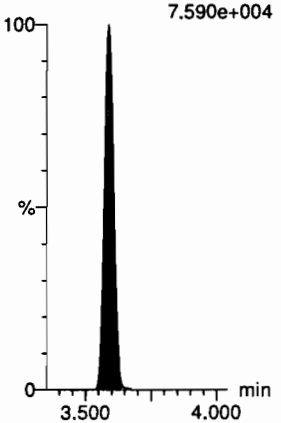
13C2-PFHxA-EIS



13C3-PFBS-EIS



13C3-HFPO-DA-EIS



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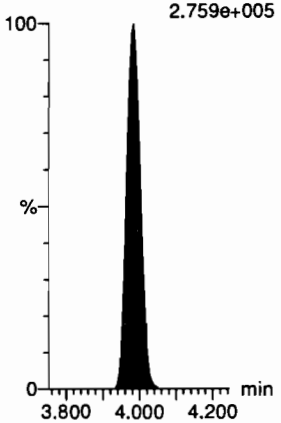

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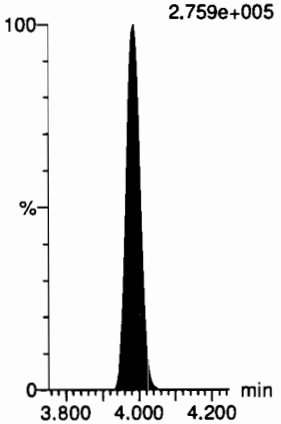
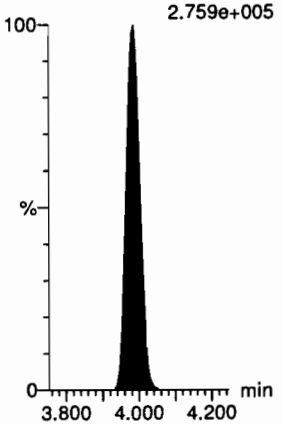


13C4-PFHpA-EIS



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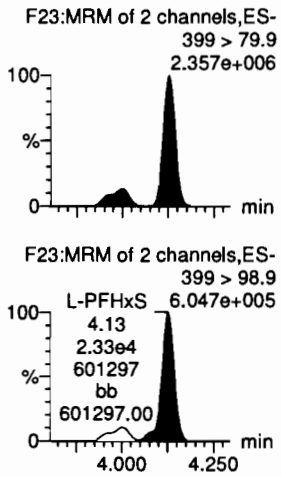
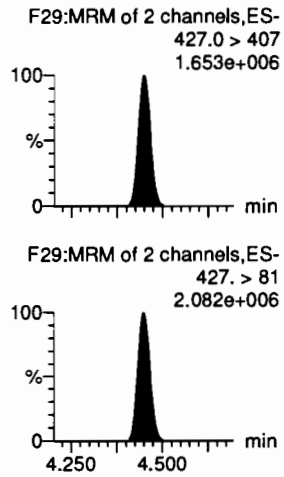
Name: 200706P1-28, Date: 06-Jul-2020, Time: 14:48:28, ID: ST200706P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

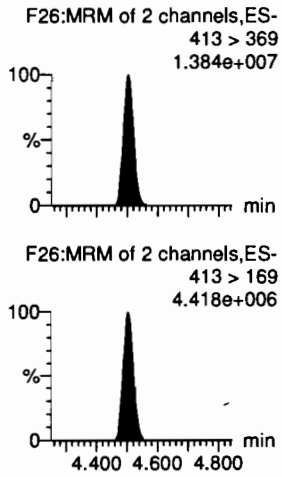
L-PFHxS



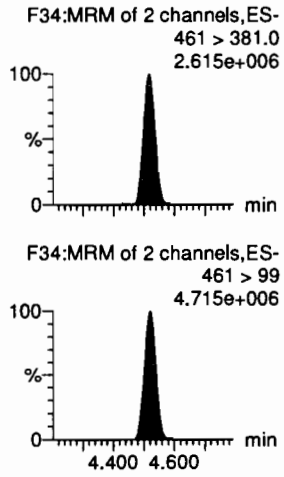
6:2 FTS



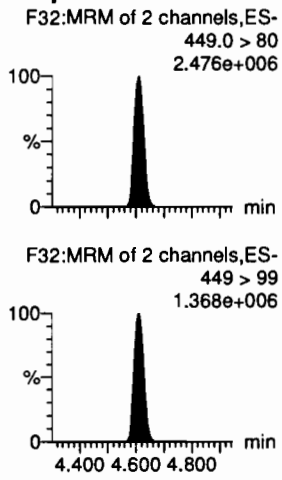
L-PFOA



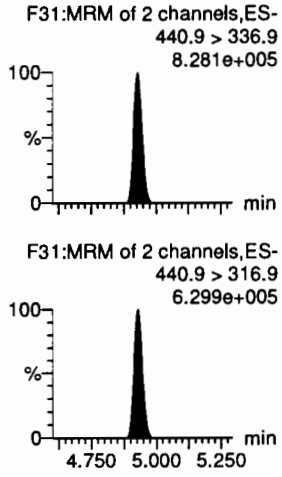
PFEChS



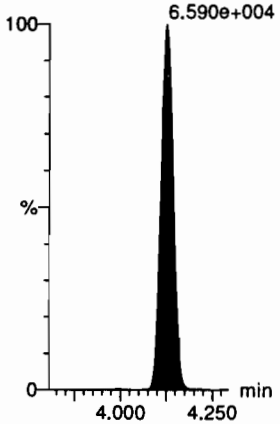
PFHpS



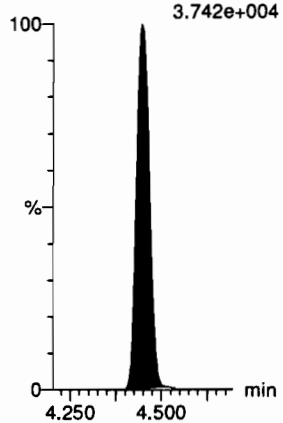
7:3 FTCA



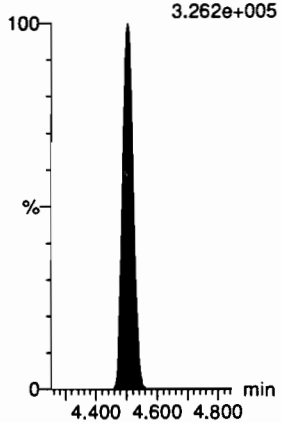
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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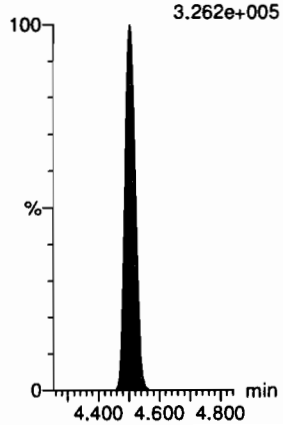
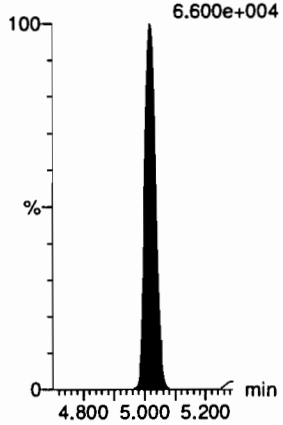
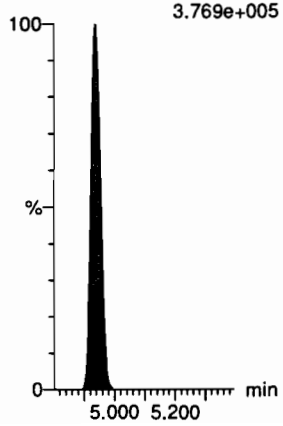


13C8-PFOS-EIS



13C5-PFNA-EIS



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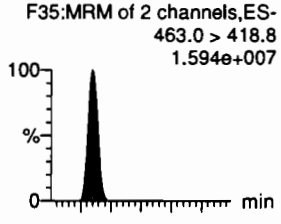
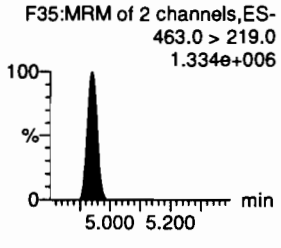
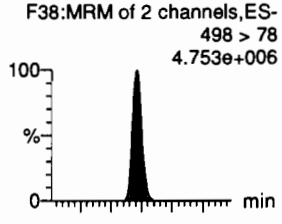
Name: 200706P1-28, Date: 06-Jul-2020, Time: 14:48:28, ID: ST200706P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

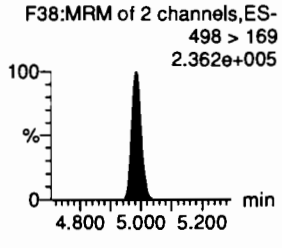
PFNA



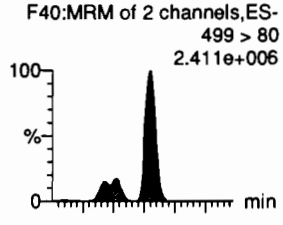


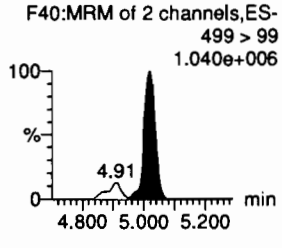
PFOSA



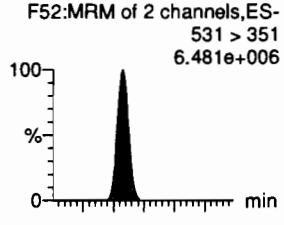


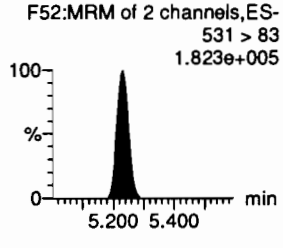
L-PFOS



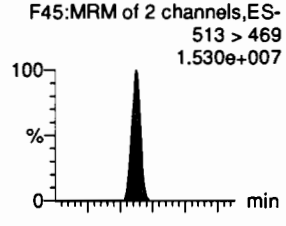


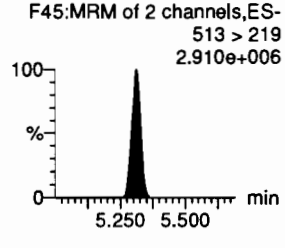
9Cl-PF30NS



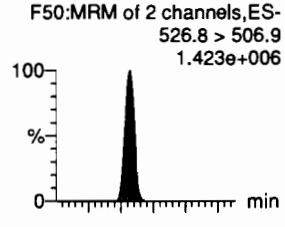


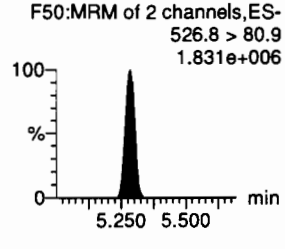
PFDA



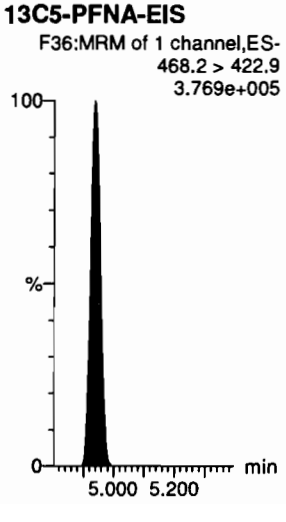


8:2 FTS

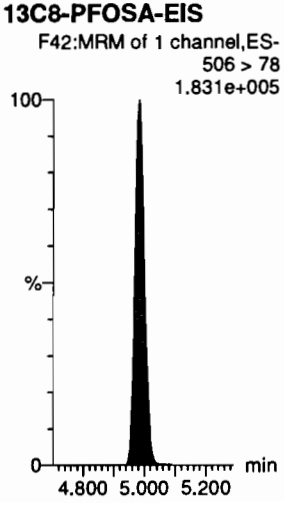




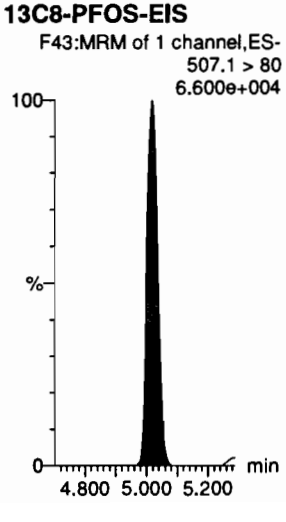
13C5-PFNA-EIS



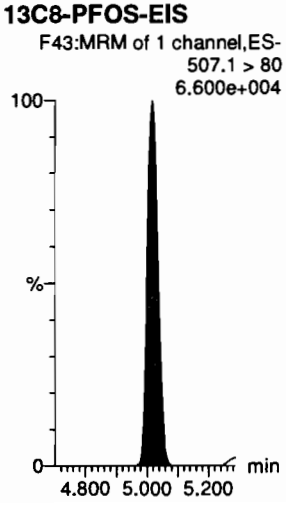
13C8-PFOSA-EIS



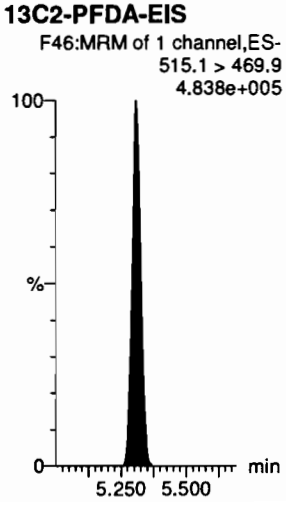
13C8-PFOS-EIS



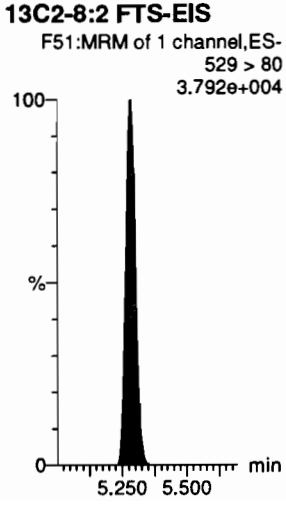
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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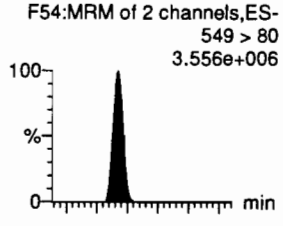
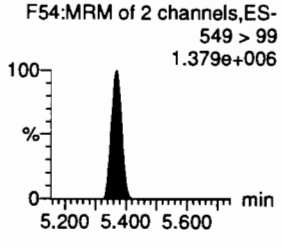
Name: 200706P1-28, Date: 06-Jul-2020, Time: 14:48:28, ID: ST200706P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

PFNS





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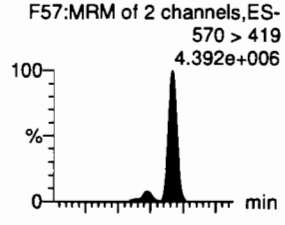

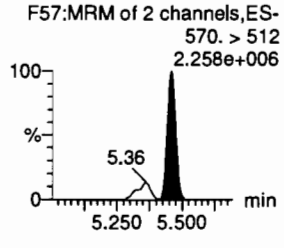

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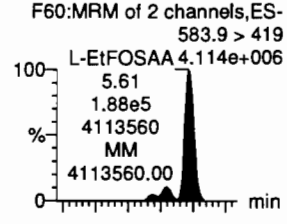
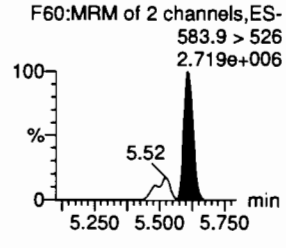
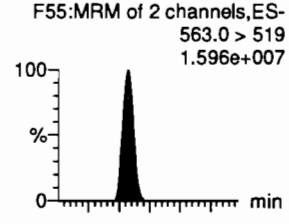
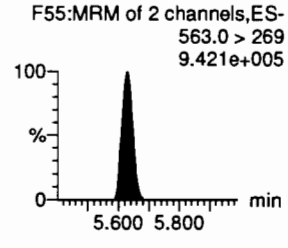


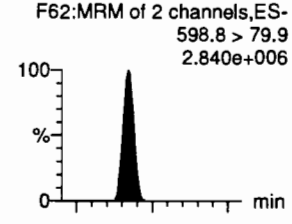


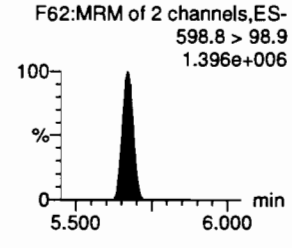
PFUdA



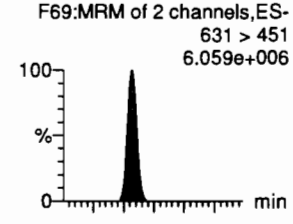


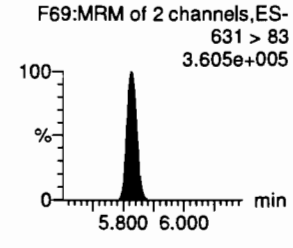
PFDS



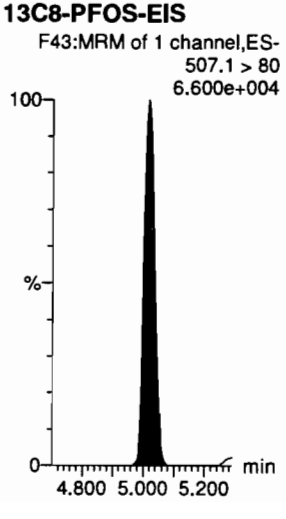


11Cl-PF30UdS

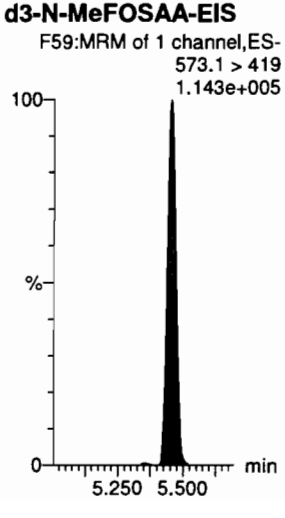




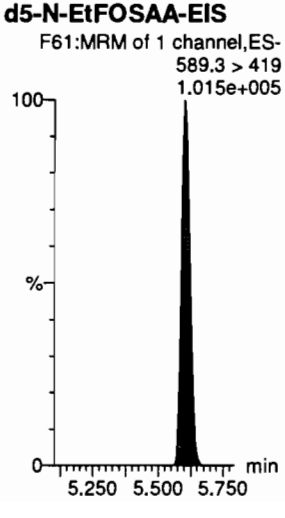
13C8-PFOS-EIS



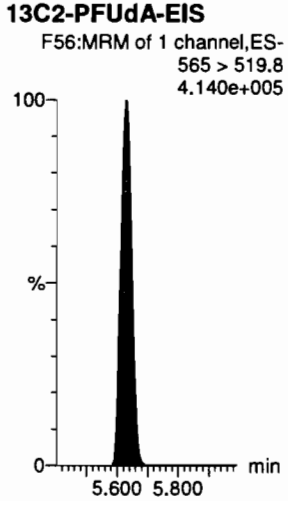
d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



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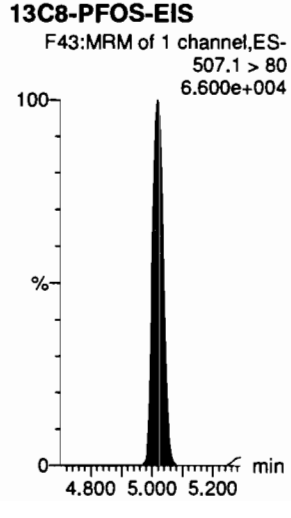
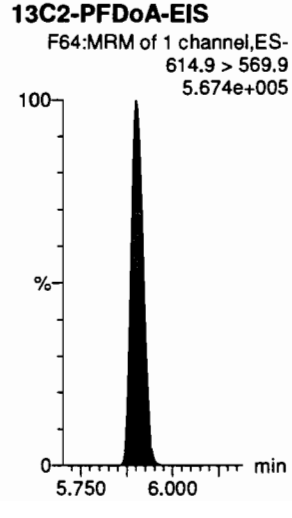


13C2-PFDoA-EIS



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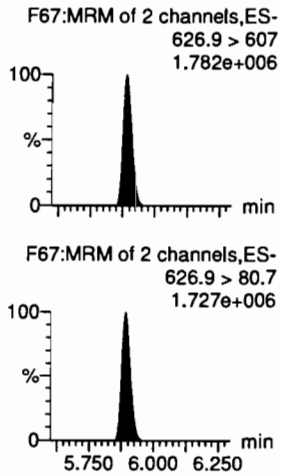
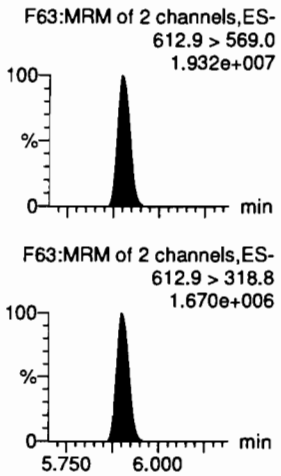
Name: 200706P1-28, Date: 06-Jul-2020, Time: 14:48:28, ID: ST200706P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

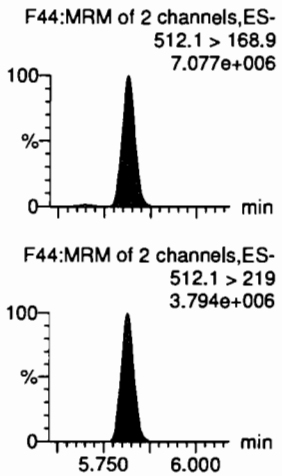
10:2 FTS



PFDoA



N-MeFOSA



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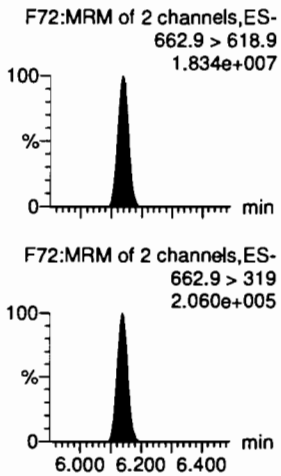
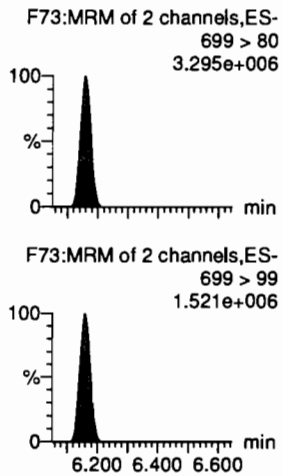
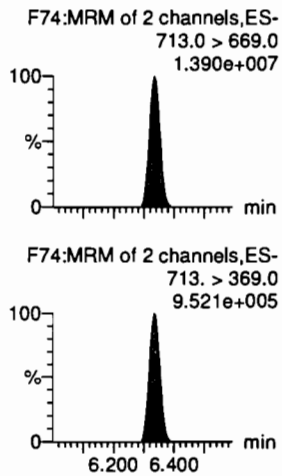


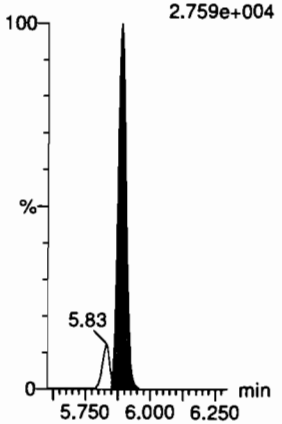
PFDoS



PFTeDA



13C2-10:2 FTS-EIS



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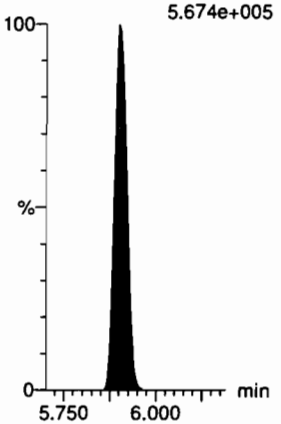

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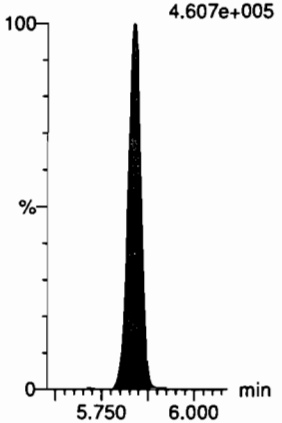

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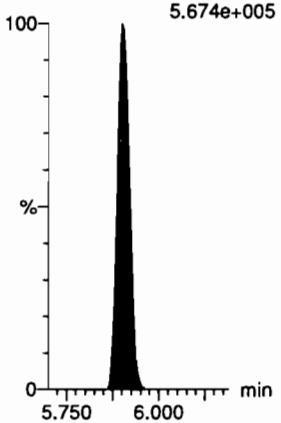
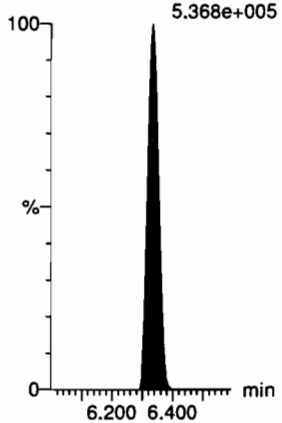


13C2-PFTeDA-EIS



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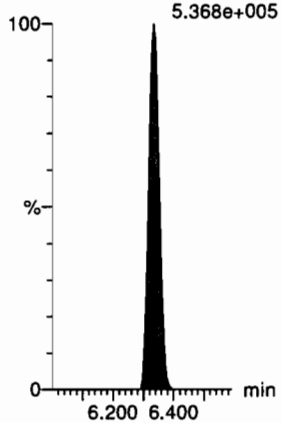

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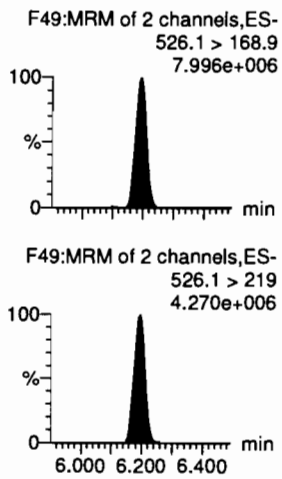
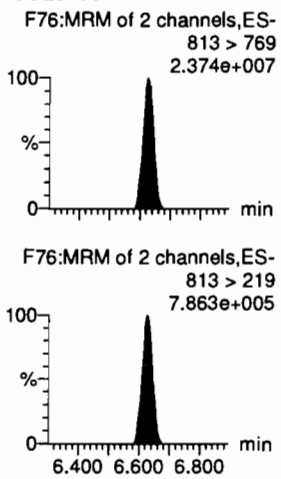
Name: 200706P1-28, Date: 06-Jul-2020, Time: 14:48:28, ID: ST200706P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

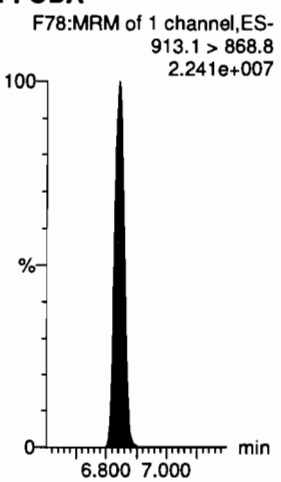
N-EtFOSA



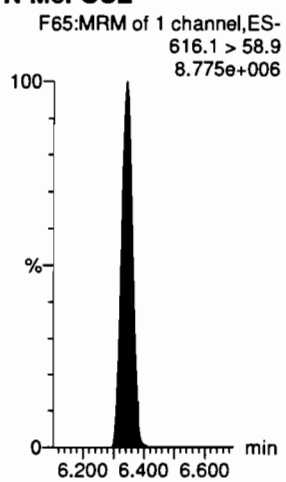
PFHxDA



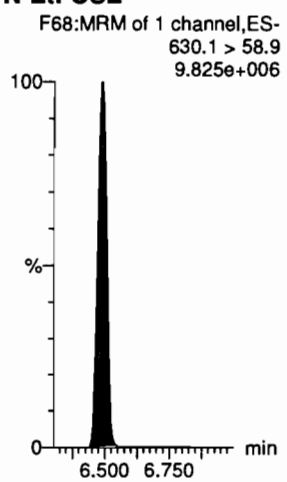
PFODA



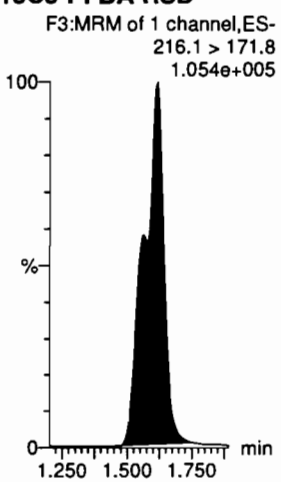
N-MeFOSE



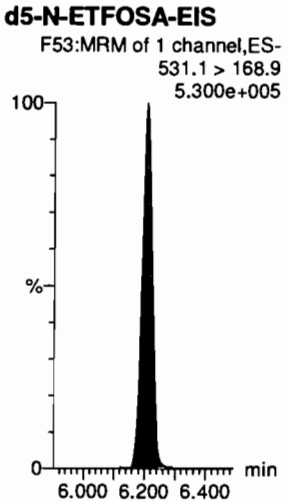
N-EtFOSE



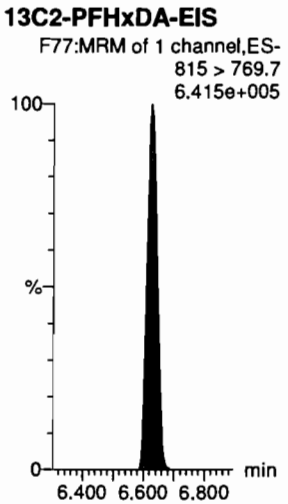
13C3-PFBA-RSD



d5-N-ETFOSA-EIS



13C2-PFHxDA-EIS



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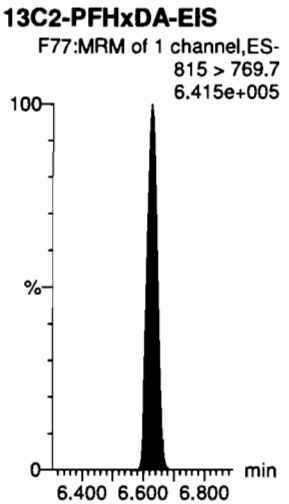
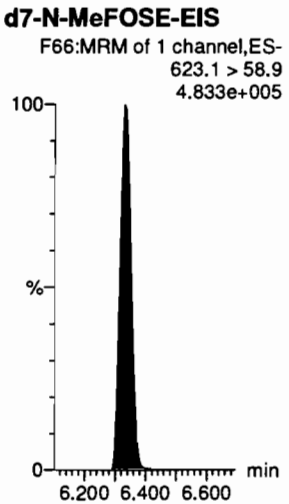
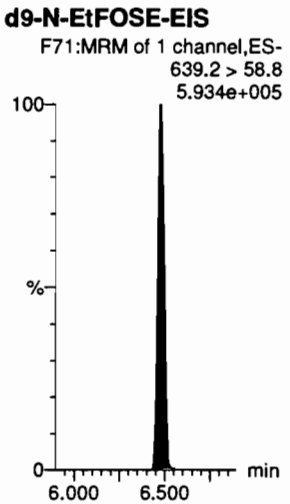


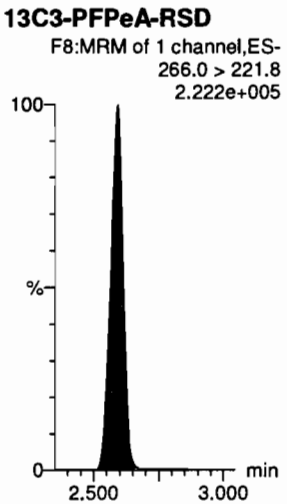
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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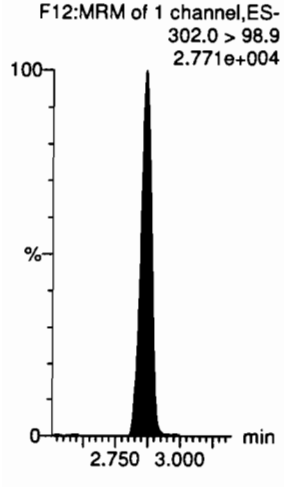
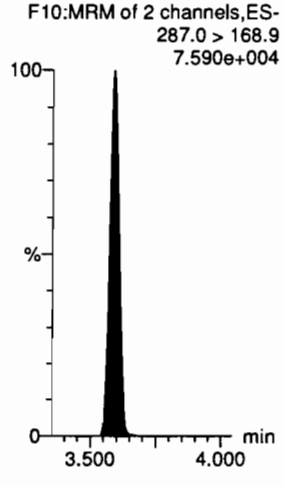
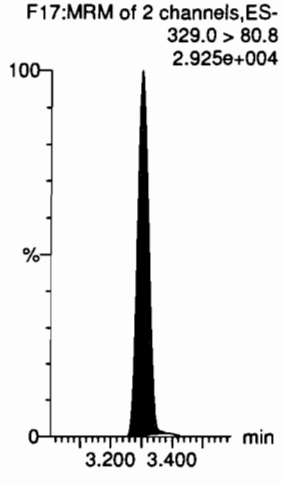
13C3-PFBS-RSD



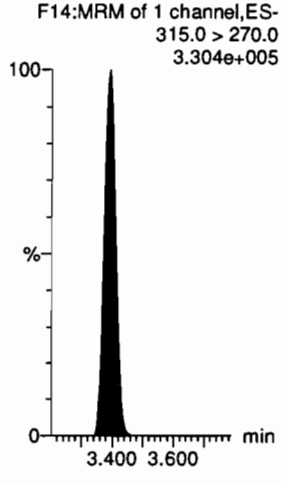
13C3-HFPO-DA-RSD



13C2-4:2 FTS-RSD



13C2-PFHxA-RSD



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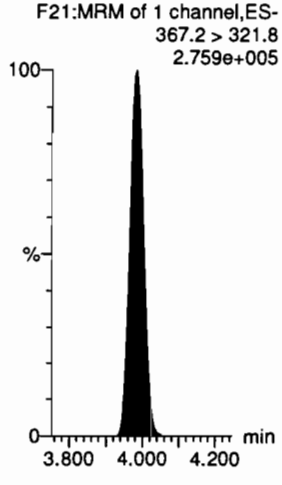
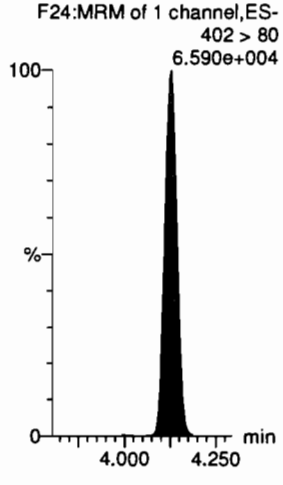
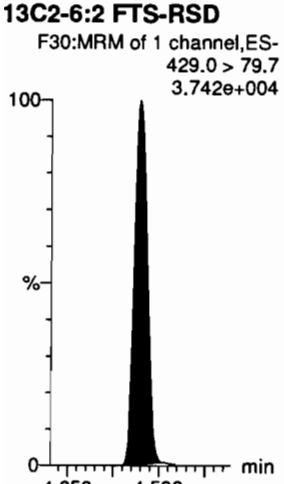


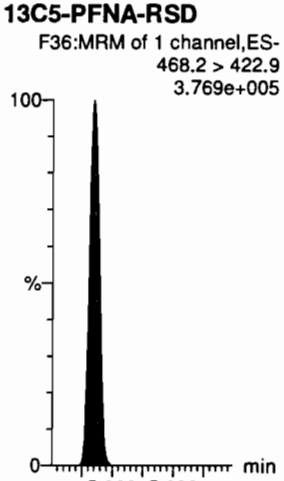
13C3-PFHxS-RSD



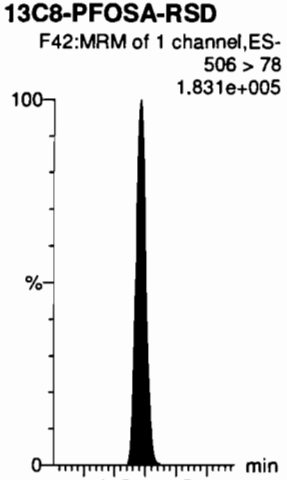
13C2-6:2 FTS-RSD



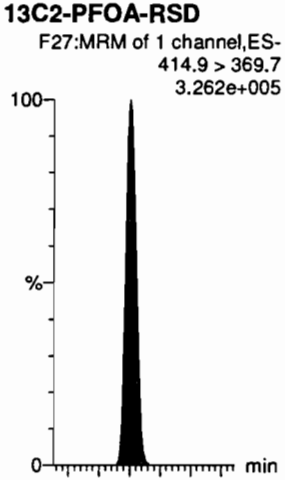
13C5-PFNA-RSD



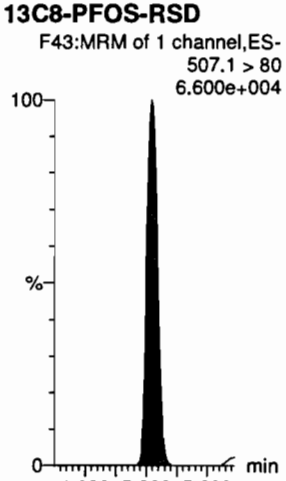
13C8-PFOSA-RSD



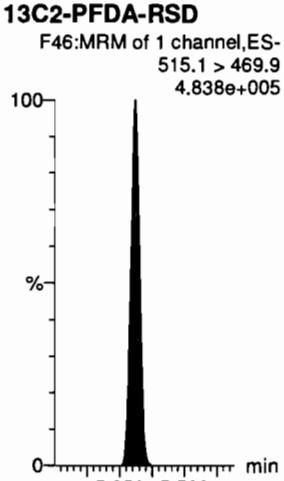
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



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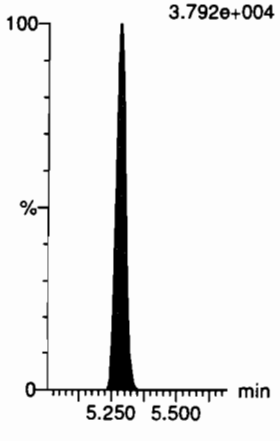
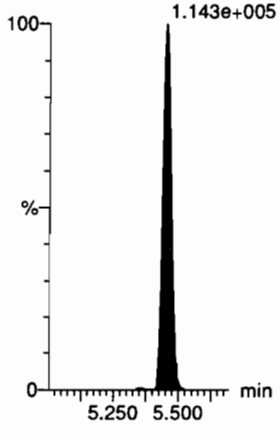
Name: 200706P1-28, Date: 06-Jul-2020, Time: 14:48:28, ID: ST200706P1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

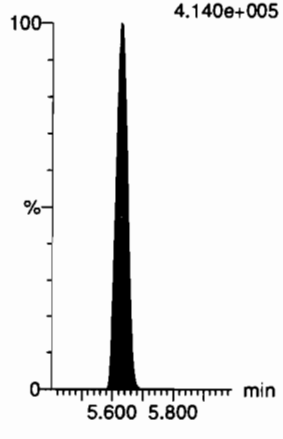
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
3.792e+004



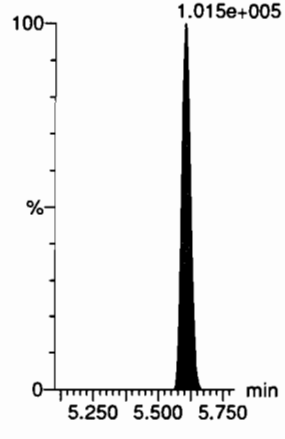
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.143e+005



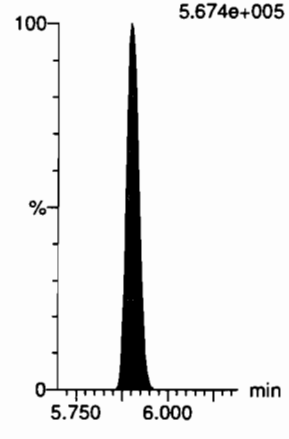
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.140e+005



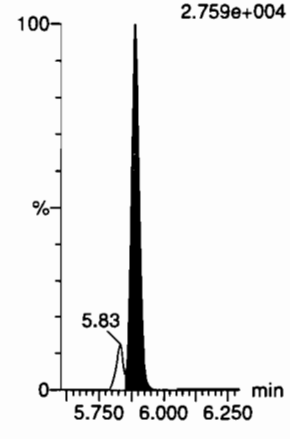
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.015e+005



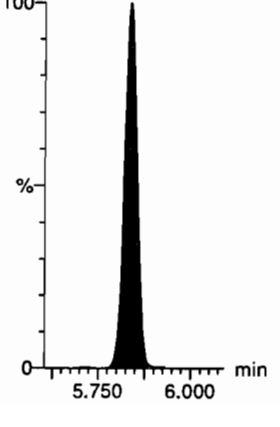
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
5.674e+005



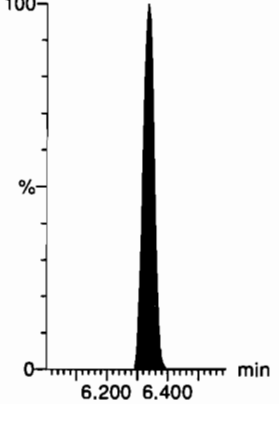
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
2.759e+004



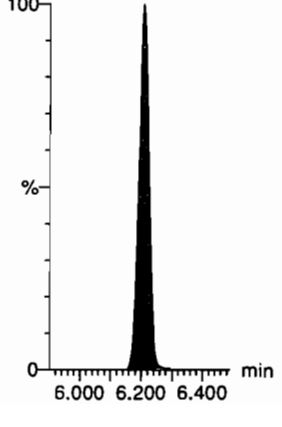
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.607e+005



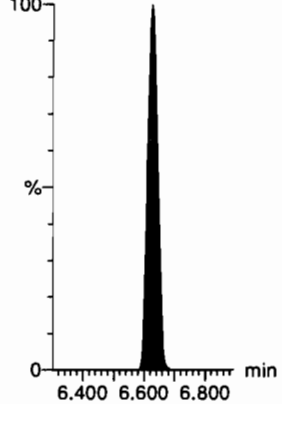
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.368e+005



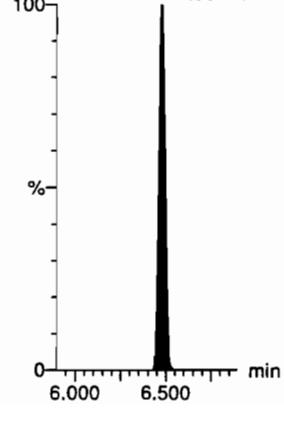
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.300e+005



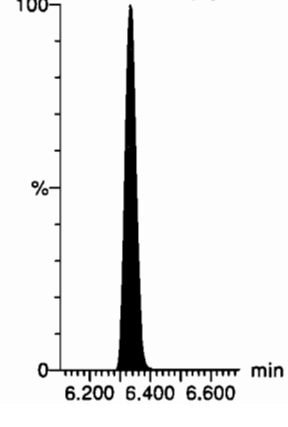
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.415e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
5.934e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
4.833e+005



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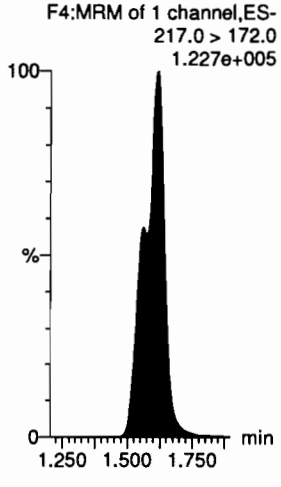
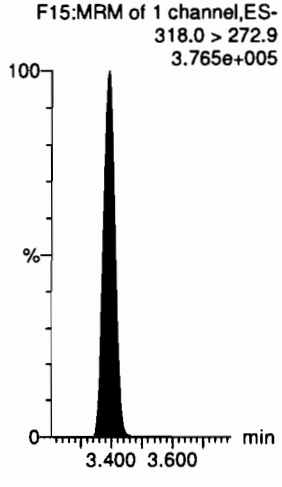
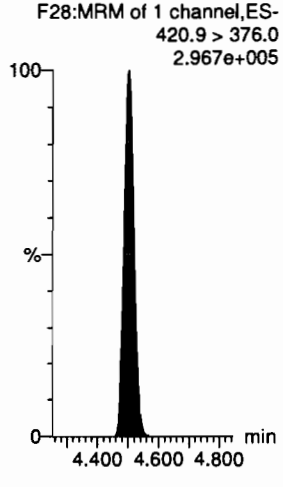
13C4-PFBA



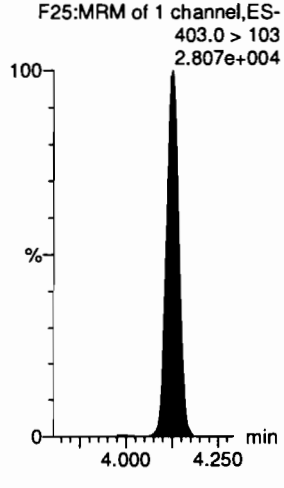
13C5-PFHxA



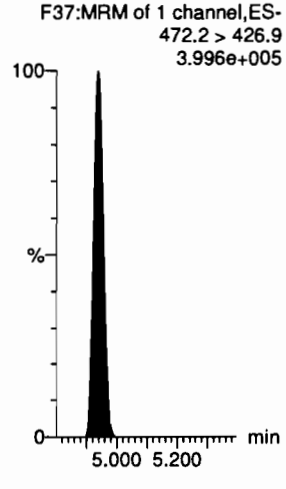
13C8-PFOA



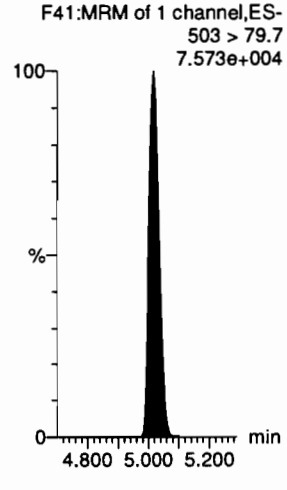
18O2-PFHxS



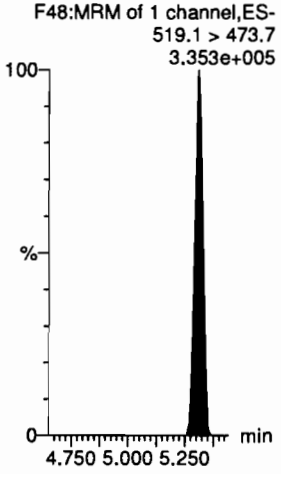
13C9-PFNA



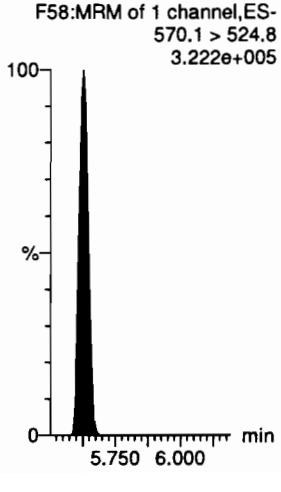
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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(A) Not in ICV

✓ JR 07/07/2020

Name: 200706P1-30, Date: 06-Jul-2020, Time: 15:09:30, ID: ICV200706P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

1 PFBA	213.0 > 168.8	7637.761	9273.287	1.00	1.62	10.295	10.000	9.94	99.4	NO		
2 PFPrS	249 > 80		1400.722	1.00			10.000		(B)	NO		YES
3 3:3 FTCA	240.9 > 176.9		12917.687	1.00			10.000		↓	NO		YES
4 PFPeA	263.1 > 218.9	9448.687	12917.687	1.00	2.59	9.143	10.000	9.87	98.7	NO		
5 PFBS	299.0 > 80	2542.181	1400.722	1.00	2.87	22.686	8.840	8.86	100.3	NO	2.562	NO
6 4:2 FTS	326.9 > 306.9	2732.158	1249.773	1.00	3.30	27.327	9.360	9.60	102.5	NO	12.644	YES
47 13C3-PFBA-EIS	216.1 > 171.8	9273.287		1.00	1.62	9273.287	12.500	13.4	107.6	NO		
51 13C3-PFBS-EIS	302.0 > 98.9	1400.722		1.00	2.87	1400.722	12.500	13.5	107.7	NO		
49 13C3-PFPeA-EIS	266.0 > 221.8	12917.687		1.00	2.59	12917.687	12.500	13.4	107.5	NO		
49 13C3-PFPeA-EIS	266.0 > 221.8	12917.687		1.00	2.59	12917.687	12.500	13.4	107.5	NO		
51 13C3-PFBS-EIS	302.0 > 98.9	1400.722		1.00	2.87	1400.722	12.500	13.5	107.7	NO		
55 13C2-4:2 FTS-EIS	329.0 >80.8	1249.773		1.00	3.30	1249.773	12.500	12.4	99.1	NO		
-1												
7 PFHxA	313.0 > 269.0	13120.925	15191.044	1.00	3.39	10.797	10.000	10.4	103.5	NO	16.937	NO
8 PFPeS	349.>80	2075.482	1400.722	1.00	3.57	18.522	9.360	8.88	94.8	NO	2.131	NO
9 HFPO-DA	285.1 > 168.9	2366.653	3122.345	1.00	3.59	9.475	10.000	9.42	94.2	NO	2.344	NO
10 5:3 FTCA	340.9 > 236.9		13511.702	1.00			10.000		(A)	NO		YES
11 PFHpA	363.0 > 319	12932.703	13511.702	1.00	3.98	11.964	10.000	9.19	91.9	NO	49.714	YES
12 ADONA	376.8 > 250.9	21905.752	13511.702	1.00	4.09	20.266	9.440	9.32	98.7	NO	3.932	NO
57 13C2-PFHxA-EIS	315.0 > 270.0	15191.044		1.00	3.39	15191.044	12.500	13.9	111.5	NO		
51 13C3-PFBS-EIS	302.0 > 98.9	1400.722		1.00	2.87	1400.722	12.500	13.5	107.7	NO		
53 13C3-HFPO-DA-EIS	287.0 > 168.9	3122.345		1.00	3.59	3122.345	12.500	13.7	109.4	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	13511.702		1.00	3.98	13511.702	12.500	13.7	109.9	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	13511.702		1.00	3.98	13511.702	12.500	13.7	109.9	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	13511.702		1.00	3.98	13511.702	12.500	13.7	109.9	NO		
-1												
13 L-PFHxS	399 > 79.9	2123.308	2940.244	1.00	4.13	9.027	9.120	8.19	89.8	NO	4.427	YES
15 6:2 FTS	427.0 > 407	1446.478	1628.024	1.00	4.45	11.106	9.480	9.71	102.4	NO	0.797	NO
16 L-PFOA	413 > 369	13363.650	14523.533	1.00	4.50	11.502	10.000	10.1	101.5	NO	3.241	NO
18 PFecHS	461 > 381.0		14523.533	1.00			10.000		(A)	NO		YES
19 PFHpS	449.0 > 80	2116.452	2891.132	1.00	4.61	9.151	9.520	9.40	98.7	NO	1.727	NO
20 7:3 FTCA	440.9 > 336.9		15540.856	1.00			10.000		(A)	NO		YES
61 13C3-PFHxS-EIS	402 >80	2940.244		1.00	4.13	2940.244	12.500	13.4	106.9	NO		
63 13C2-6:2 FTS-EIS	429.0 >79.7	1628.024		1.00	4.45	1628.024	12.500	12.6	101.2	NO		
69 13C2-PFOA-EIS	414.9 > 369.7	14523.533		1.00	4.50	14523.533	12.500	12.6	100.6	NO		
69 13C2-PFOA-EIS	414.9 > 369.7	14523.533		1.00	4.50	14523.533	12.500	12.6	100.6	NO		

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Name: 200706P1-30, Date: 06-Jul-2020, Time: 15:09:30, ID: ICV200706P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

71 13C8-PFOS-EIS	507.1 > 80	2891.132		1.00	5.02	2891.132	12.500	12.8	102.6	NO		
65 13C5-PFNA-EIS	468.2 > 422.9	15540.856		1.00	4.94	15540.856	12.500	12.8	102.5	NO		
-1												
21 PFNA	463.0 > 418.8	14000.723	15540.856	1.00	4.94	11.261	10.000	10.1	100.7	NO	12.466	YES
22 PFOSA	498 > 78	4099.178	7420.505	1.00	4.99	6.905	10.000	10.0	100.0	NO	21.394	NO
23 L-PFOS	499 > 80	2687.035	2891.132	1.00	5.02	11.618	9.280	9.17	98.8	NO	2.714	NO
25 9Cl-PF30NS	531 > 351	6303.713	2891.132	1.00	5.23	27.255	9.320	9.57	102.7	NO	48.336	YES
26 PFDA	513 > 469	14017.704	19932.547	1.00	5.31	8.791	10.000	10.3	103.5	NO	5.237	NO
27 8:2 FTS	526.8> 506.9	1555.169	1598.607	1.00	5.29	12.160	9.600	8.99	93.6	NO	0.874	NO
65 13C5-PFNA-EIS	468.2 > 422.9	15540.856		1.00	4.94	15540.856	12.500	12.8	102.5	NO		
67 13C8-PFOSA-EIS	506 > 78	7420.505		1.00	4.98	7420.505	12.500	13.0	103.9	NO		
71 13C8-PFOS-EIS	507.1 > 80	2891.132		1.00	5.02	2891.132	12.500	12.8	102.6	NO		
71 13C8-PFOS-EIS	507.1 > 80	2891.132		1.00	5.02	2891.132	12.500	12.8	102.6	NO		
73 13C2-PFDA-EIS	515.1 > 469.9	19932.547		1.00	5.31	19932.547	12.500	13.4	106.9	NO		
75 13C2-8:2 FTS-EIS	529 > 80	1598.607		1.00	5.29	1598.607	12.500	14.5	115.9	NO		
-1												
28 PFNS	549 > 80	2828.414	2891.132	1.00	5.36	12.229	9.600	9.24	96.3	NO	2.459	NO
29 L-MeFOSAA	570 > 419	4003.342	4460.954	1.00	5.46	11.218	10.000	9.23	92.3	NO	1.898	NO
31 L-EtFOSAA	583.9 > 419	4751.072	4230.890	1.00	5.61	14.037	10.000	10.1	101.2	NO	1.276	NO
33 PFUdA	563.0 > 519	17390.951	19378.582	1.00	5.63	11.218	10.000	10.2	102.0	NO	19.374	NO
34 PFDS	598.8 > 79.9	2700.801	2891.132	1.00	5.67	11.677	9.640	9.15	95.0	NO	2.404	NO
35 11Cl-PF30UdS	631 > 451	4975.652	23715.557	1.00	5.82	2.623	9.440	10.2	107.5	NO	15.431	NO
71 13C8-PFOS-EIS	507.1 > 80	2891.132		1.00	5.02	2891.132	12.500	12.8	102.6	NO		
77 d3-N-MeFOSAA-EIS	573.1 > 419	4460.954		1.00	5.45	4460.954	12.500	13.5	107.8	NO		
81 d5-N-EtFOSAA-EIS	589.3 > 419	4230.890		1.00	5.60	4230.890	12.500	13.5	107.8	NO		
79 13C2-PFUdA-EIS	565 > 519.8	19378.582		1.00	5.63	19378.582	12.500	12.3	98.0	NO		
71 13C8-PFOS-EIS	507.1 > 80	2891.132		1.00	5.02	2891.132	12.500	12.8	102.6	NO		
83 13C2-PFDoA-EIS	614.9 > 569.9	23715.557		1.00	5.90	23715.557	12.500	12.7	101.5	NO		
-1												
36 10:2 FTS	626.9 > 607		1332.675	1.00			10.000		(K)	NO		YES
37 PFDoA	612.9 > 569.0	17418.283	23715.557	1.00	5.90	9.181	10.000	9.36	93.6	NO	11.504	NO
38 N-MeFOSA	512.1 > 168.9		21351.840	1.00			9.600		(K)	NO		YES
39 PFTrDA	662.9 > 618.9	19418.045	23715.557	1.00	6.13	10.235	10.000	9.84	98.4	NO	108.370	YES
40 PFDoS	699 > 80		24306.963	1.00			10.000		(K)	NO		YES
41 PFTeDA	713.0 > 669.0	13569.787	24306.963	1.00	6.33	6.978	10.000	10.5	105.0	NO	14.243	NO
85 13C2-10:2 FTS-EIS	632.9 > 80.0	1332.675		1.00	5.89	1332.675	12.500	12.3	98.1	NO		

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83	13C2-PFDoA-EIS	614.9 > 569.9	23715.557		1.00	5.90	23715.557	12.500	12.7	101.5	NO	
87	d3-N-MeFOSA-EIS	515.2 > 168.9	21351.840		1.00	5.84	21351.840	149.200	154	103.4	NO	
83	13C2-PFDoA-EIS	614.9 > 569.9	23715.557		1.00	5.90	23715.557	12.500	12.7	101.5	NO	
89	13C2-PFTeDA-EIS	715.1 > 669.7	24306.963		1.00	6.33	24306.963	12.500	12.8	102.0	NO	
89	13C2-PFTeDA-EIS	715.1 > 669.7	24306.963		1.00	6.33	24306.963	12.500	12.8	102.0	NO	
-1												
42	N-EtFOSA	526.1 > 168.9		23592.137	1.00			9.600			NO	YES
43	PFHxDA	813 > 769		26509.676	1.00			10.000			NO	YES
44	PFODA	913.1 > 868.8		26509.676	1.00			10.000			NO	
45	N-MeFOSE	616.1 > 58.9		21004.094	1.00			9.600			NO	
46	N-EtFOSE	630.1 > 58.9		24464.982	1.00			9.600			NO	
48	13C3-PFBA-RSD	216.1 > 171.8	9272.683	10752.734	1.00	1.62	10.779	12.500	12.6	100.9	NO	
91	d5-N-ETFOSA-EIS	531.1 > 168.9	23592.137		1.00	6.21	23592.137	149.200	152	101.9	NO	
93	13C2-PFHxDA-EIS	815 > 769.7	26509.676		1.00	6.63	26509.676	12.500	12.6	100.5	NO	
93	13C2-PFHxDA-EIS	815 > 769.7	26509.676		1.00	6.63	26509.676	12.500	12.6	100.5	NO	
95	d7-N-MeFOSE-EIS	623.1 > 58.9	21004.094		1.00	6.34	21004.094	149.200	156	104.5	NO	
97	d9-N-EtFOSE-EIS	639.2 > 58.8	24464.982		1.00	6.48	24464.982	149.200	165	110.3	NO	
50	13C3-PFPeA-RSD	266.0 > 221.8	13089.568	15683.965	1.00	2.59	10.432	12.500	13.9	111.0	NO	
-1												
52	13C3-PFBS-RSD	302.0 > 98.9	1400.722	1063.464	1.00	2.87	16.464	12.500	13.4	107.4	NO	
54	13C3-HFPO-DA-RSD	287.0 > 168.9	3122.345	15683.965	1.00	3.59	2.488	12.500	13.2	105.2	NO	
56	13C2-4:2 FTS-RSD	329.0 >80.8	1249.773	1063.464	1.00	3.30	14.690	12.500	13.0	103.8	NO	
58	13C2-PFHxA-RSD	315.0 > 270.0	15191.044	15683.965	1.00	3.39	12.107	12.500	13.8	110.2	NO	
60	13C4-PFHpA-RSD	367.2 > 321.8	13511.702	15683.965	1.00	3.98	10.769	12.500	14.2	113.4	NO	
62	13C3-PFHxS-RSD	402 > 80	2940.244	1063.464	1.00	4.13	34.560	12.500	14.0	112.3	NO	
64	13C2-6:2 FTS-RSD	429.0 >79.7	1628.024	3325.066	1.00	4.45	6.120	12.500	12.9	103.6	NO	
66	13C5-PFNA-RSD	468.2 > 422.9	15540.856	16546.383	1.00	4.94	11.740	12.500	12.5	99.8	NO	
68	13C8-PFOSA-RSD	506 > 78	7420.505	15619.884	1.00	4.98	5.938	12.500	12.2	97.7	NO	
70	13C2-PFOA-RSD	414.9 > 369.7	14523.533	13675.684	1.00	4.50	13.275	12.500	12.1	97.1	NO	
72	13C8-PFOS-RSD	507.1 > 80	2884.835	3325.066	1.00	5.02	10.845	12.500	12.4	99.2	NO	
74	13C2-PFDA-RSD	515.1 > 469.9	19932.547	16557.969	1.00	5.31	15.048	12.500	12.0	96.0	NO	
-1												
76	13C2-8:2 FTS-RSD	529 > 80	1598.607	3325.066	1.00	5.29	6.010	12.500	13.2	105.3	NO	
78	d3-N-MeFOSAA-RSD	573.1 > 419	4460.954	15619.884	1.00	5.45	3.570	12.500	12.2	97.4	NO	
80	13C2-PFUdA-RSD	565 > 519.8	19378.582	15619.884	1.00	5.63	15.508	12.500	12.0	95.8	NO	
82	d5-N-EtFOSAA-RSD	589.3 > 419	4230.890	15619.884	1.00	5.60	3.386	12.500	12.0	95.7	NO	

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Name: 200706P1-30, Date: 06-Jul-2020, Time: 15:09:30, ID: ICV200706P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

Name	Trace	Area	IS Area	Wt/Vol	RT	Response	Std. Conc	Conc.	Rec	Ratio Out?
84 13C2-PFDoA-RSD	614.9 > 569.9	23715.557	16557.969	1.00	5.90	17.903	12.500	11.6	92.4	NO
86 13C2-10:2 FTS-RSD	632.9 > 80.0	1332.675	3325.066	1.00	5.89	5.010	12.500	13.0	104.4	NO
88 d3-N-MeFOSA-RSD	515.2 > 168.9	21351.840	15619.884	1.00	5.84	17.087	149.200	148	98.9	NO
90 13C2-PFTeDA-RSD	715.1 > 669.7	24306.963	15619.884	1.00	6.33	19.452	12.500	11.9	95.3	NO
92 d5-N-ETFOSA-RSD	531.1 > 168.9	23592.137	15619.884	1.00	6.21	18.880	149.200	145	97.1	NO
94 13C2-PFHxDA-RSD	815 > 769.7	26509.676	15619.884	1.00	6.63	21.215	12.500	11.9	95.5	NO
96 d7-N-MeFOSE-RSD	623.1 > 58.9	21004.094	15619.884	1.00	6.34	16.809	149.200	141	94.7	NO
98 d9-N-EtFOSE-RSD	639.2 > 58.8	24464.982	15619.884	1.00	6.48	19.578	149.200	149	99.6	NO
-1										
99 13C4-PFBA	217.0 > 172.0	10752.734	10752.734	1.00	1.62	12.500	12.500	12.5	100.0	NO
1... 13C5-PFHxA	318.0 > 272.9	15683.965	15683.965	1.00	3.39	12.500	12.500	12.5	100.0	NO
1... 13C8-PFOA	420.9 > 376.0	13675.684	13675.684	1.00	4.50	12.500	12.500	12.5	100.0	NO
1... 18O2-PFHxS	403.0 > 103	1063.464	1063.464	1.00	4.12	12.500	12.500	12.5	100.0	NO
1... 13C9-PFNA	472.2 > 426.9	16546.383	16546.383	1.00	4.94	12.500	12.500	12.5	100.0	NO
1... 13C4-PFOS	503 > 79.7	3325.066	3325.066	1.00	5.02	12.500	12.500	12.5	100.0	NO
1... 13C6-PFDA	519.1 > 473.7	16557.969	16557.969	1.00	5.31	12.500	12.500	12.5	100.0	NO
1... 13C7-PFUdA	570.1 > 524.8	15619.884	15619.884	1.00	5.63	12.500	12.500	12.5	100.0	NO

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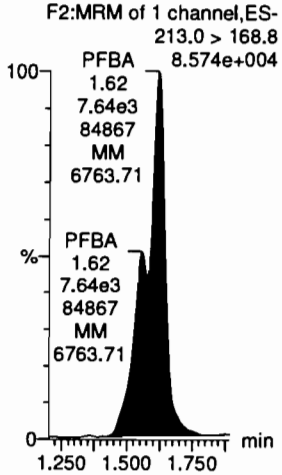
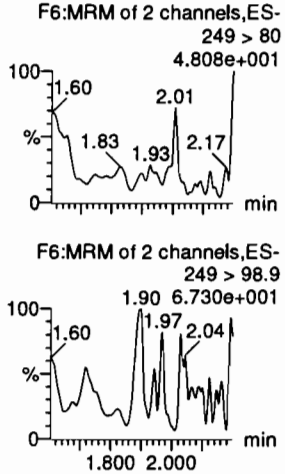
Method: D:\PFAS5.PRO\MethDB\NEW_PFAS_80C_070620_ICV.mdb 07 Jul 2020 09:38:15
Calibration: D:\PFAS5.PRO\CurveDB\C18_VAL-PFAS_Q5_07-06-20.cdb 07 Jul 2020 09:00:31

Name: 200706P1-30, Date: 06-Jul-2020, Time: 15:09:30, ID: ICV200706P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

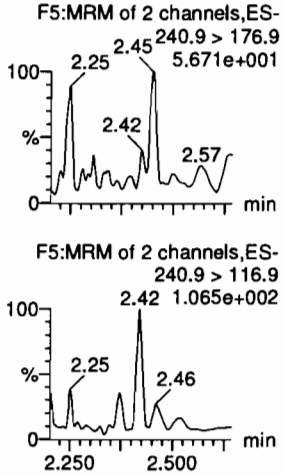
PFBA



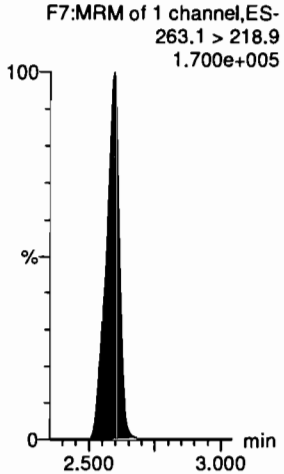
PFPrS



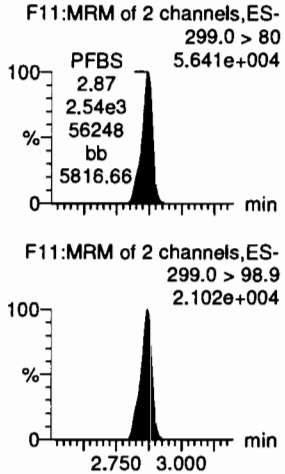
3:3 FTCA



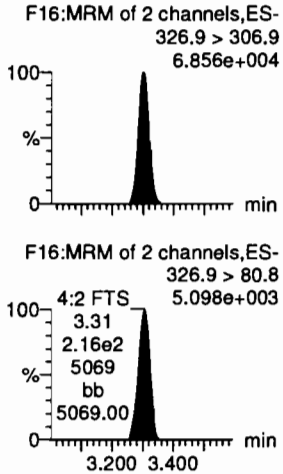
PFPeA



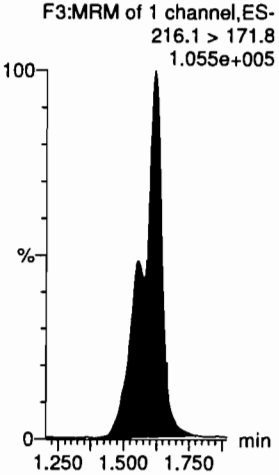
PFBS



4:2 FTS



13C3-PFBA-EIS



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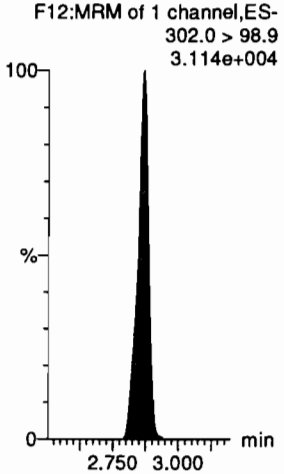

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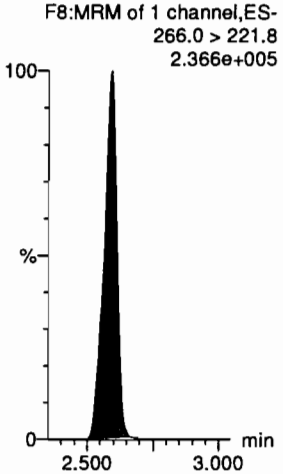

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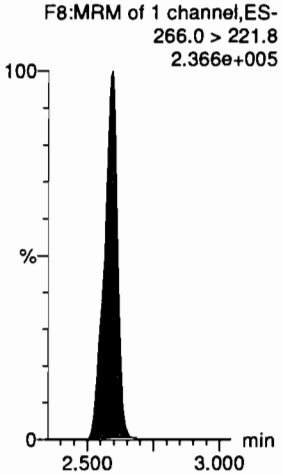

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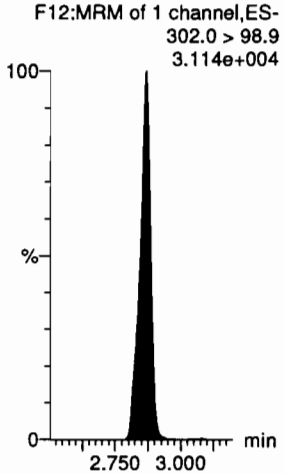
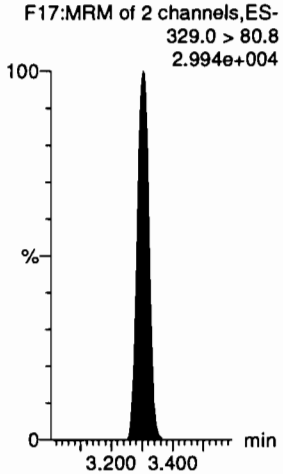


13C2-4:2 FTS-EIS



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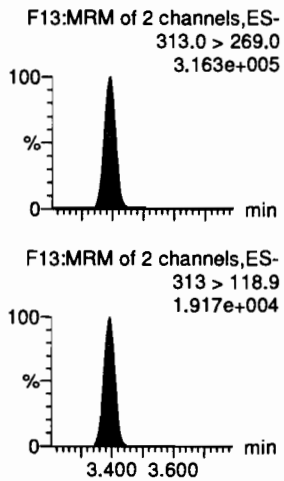
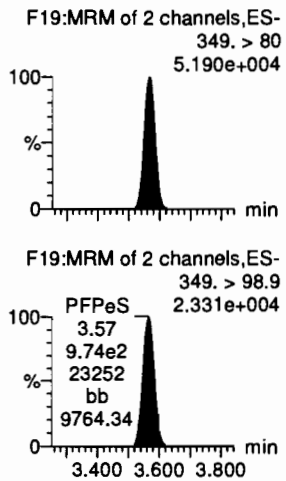
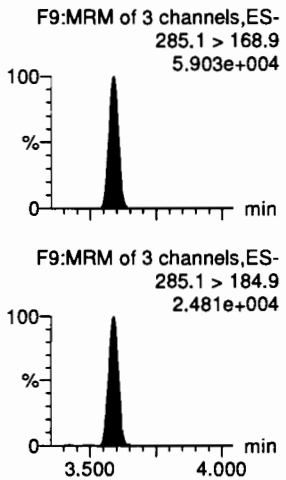
PFHxA



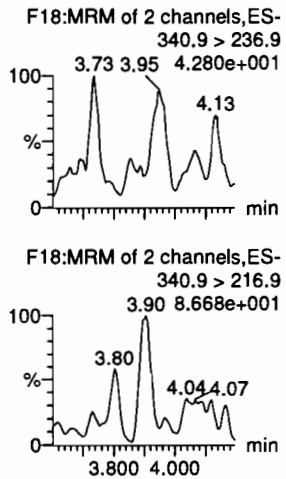
PFPeS



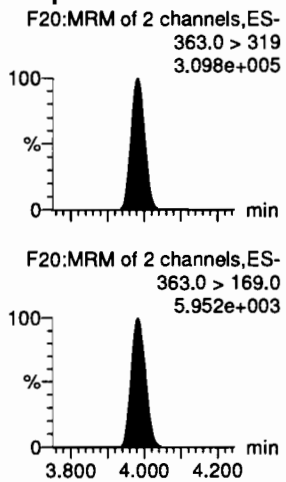
HFPO-DA



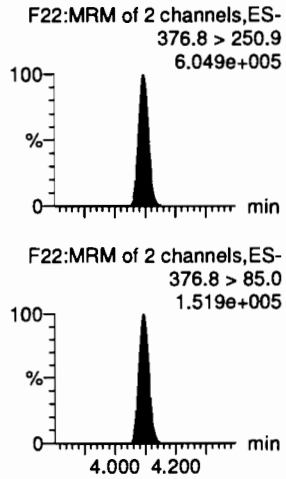
5:3 FTCA



PFHpA



ADONA



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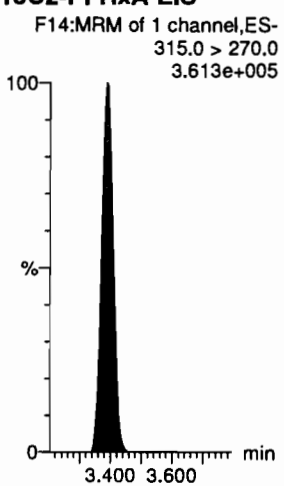
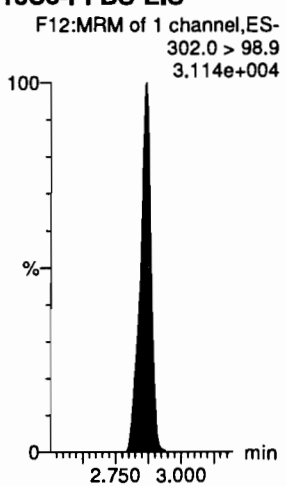
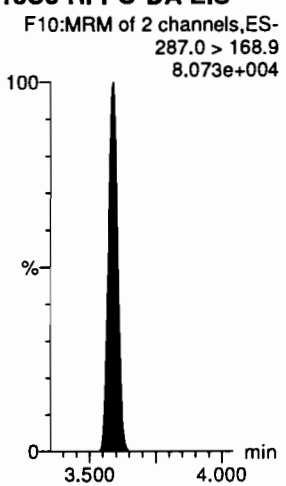


13C3-PFBS-EIS



13C3-HFPO-DA-EIS



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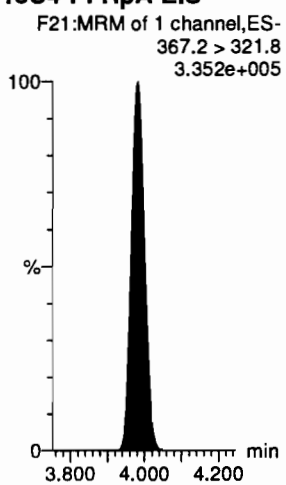

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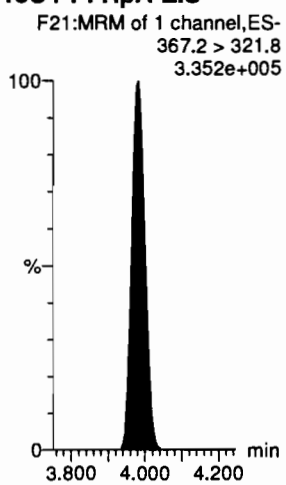

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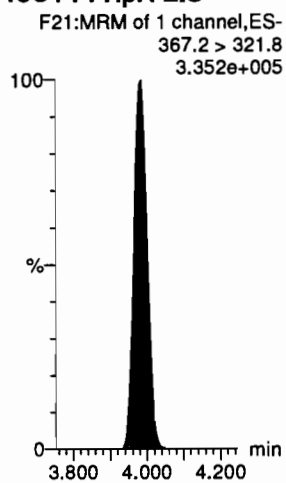

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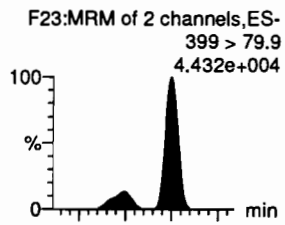
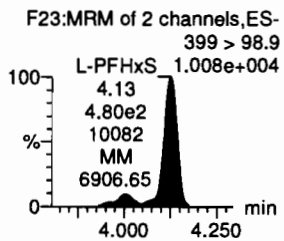
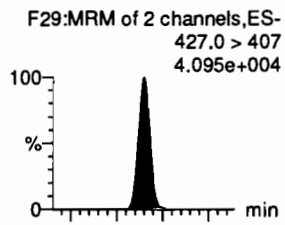
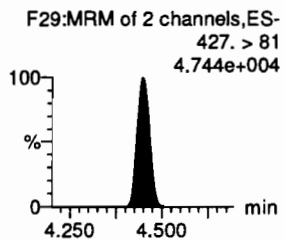
L-PFHxS





6:2 FTS





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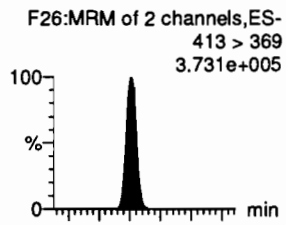

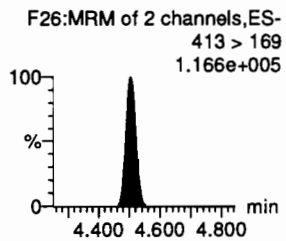

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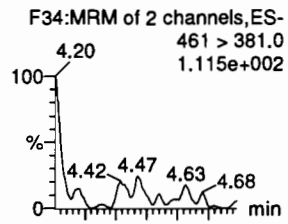

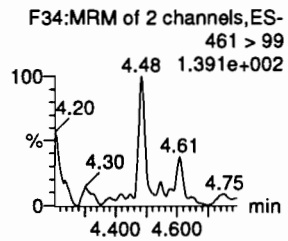

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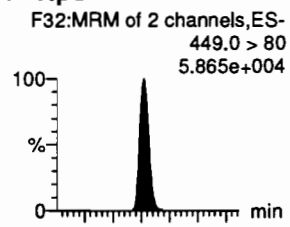
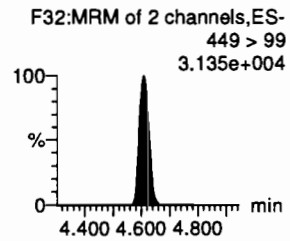
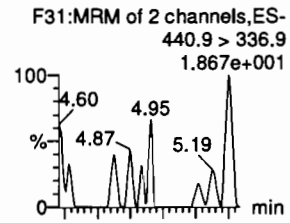
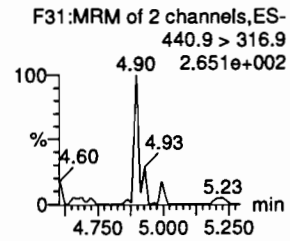


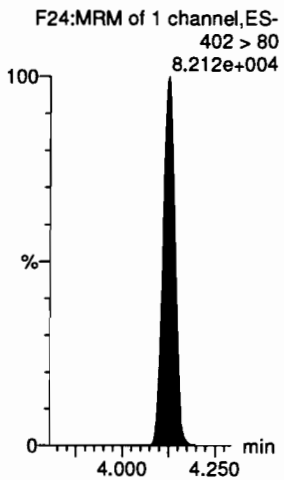


7:3 FTCA





13C3-PFHxS-EIS



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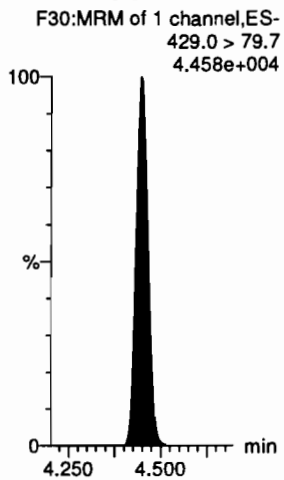

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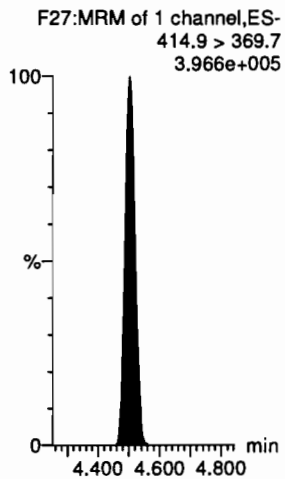

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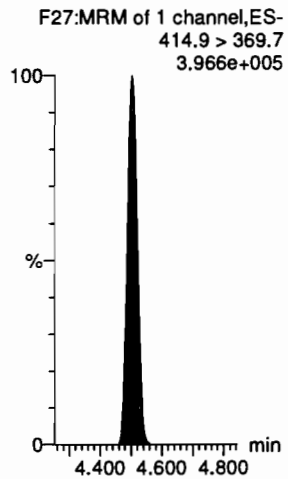
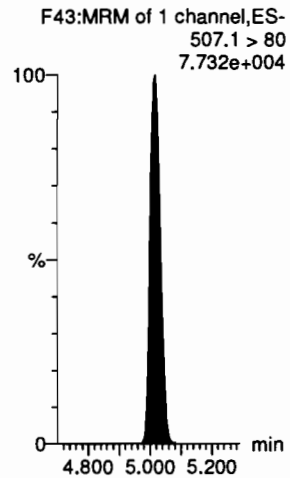
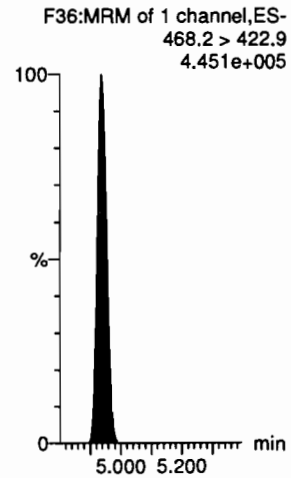


13C8-PFOS-EIS



13C5-PFNA-EIS



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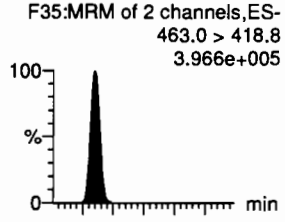

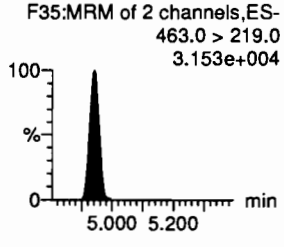

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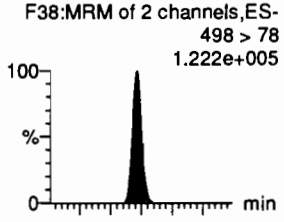
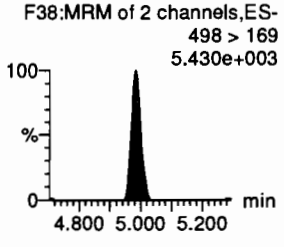
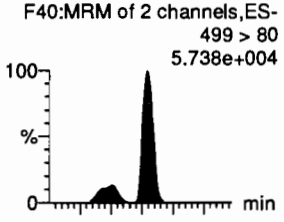
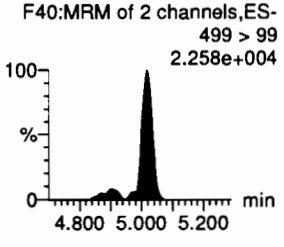


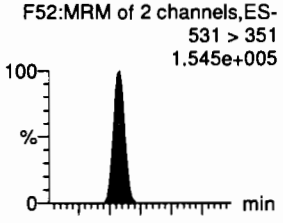


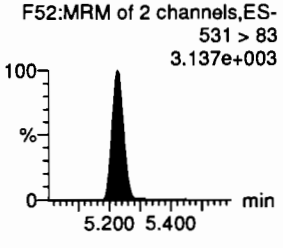
L-PFOS





9Cl-PF30NS





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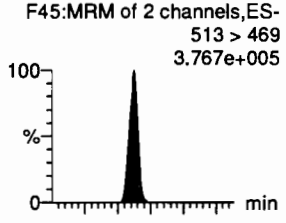
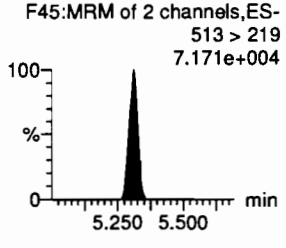
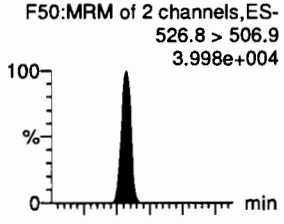
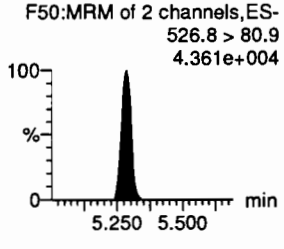


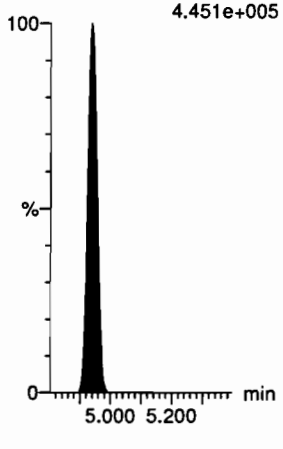


8:2 FTS





13C5-PFNA-EIS



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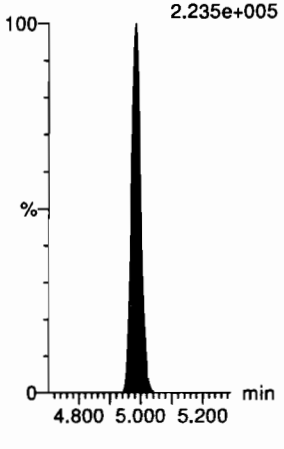

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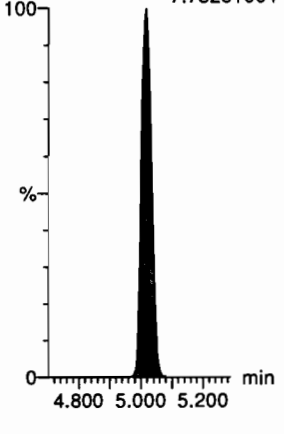

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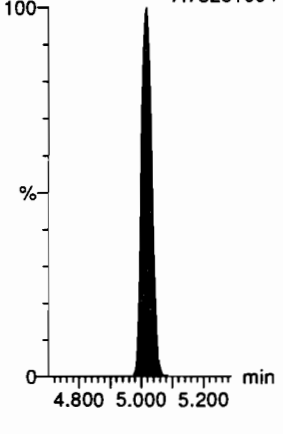

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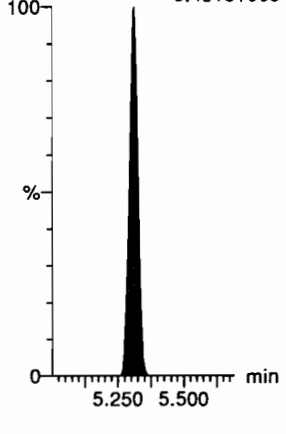
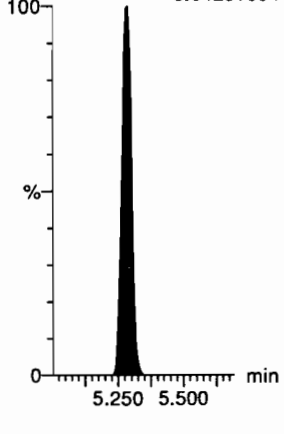


13C2-8:2 FTS-EIS



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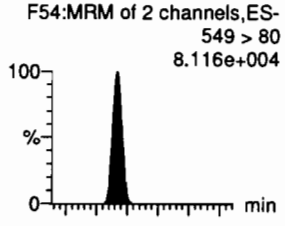
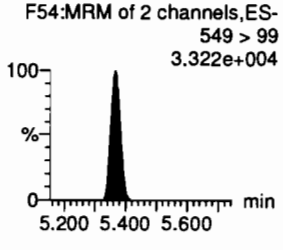
PFNS





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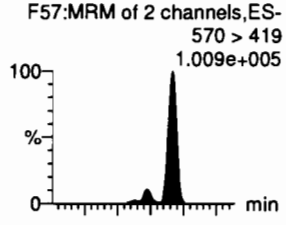

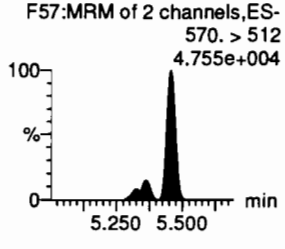

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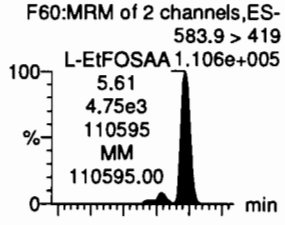

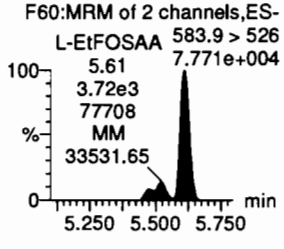

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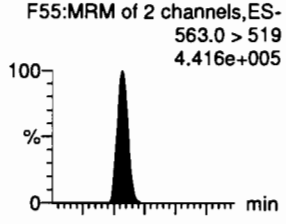

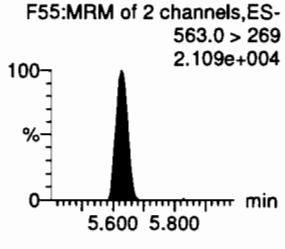

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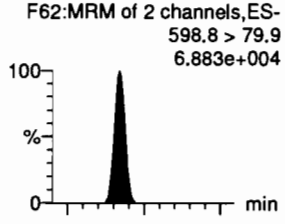

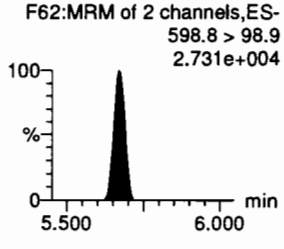

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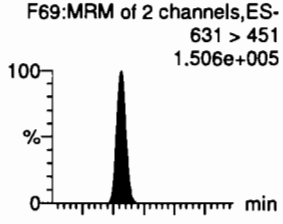

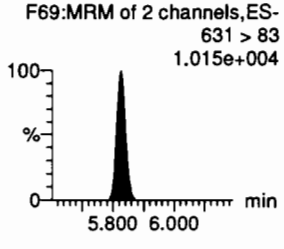

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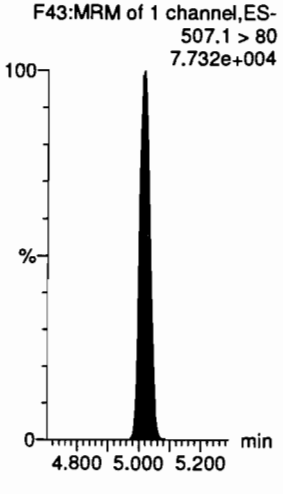

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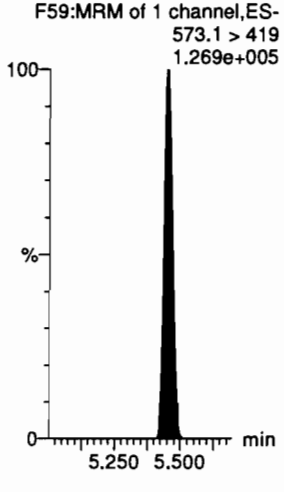

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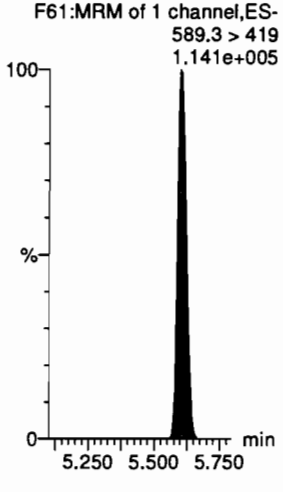

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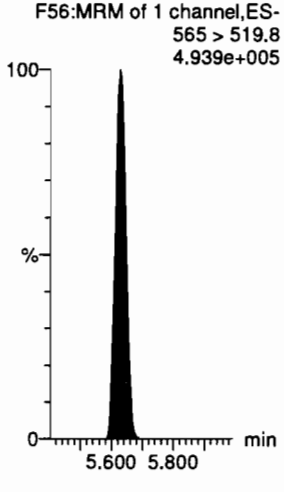

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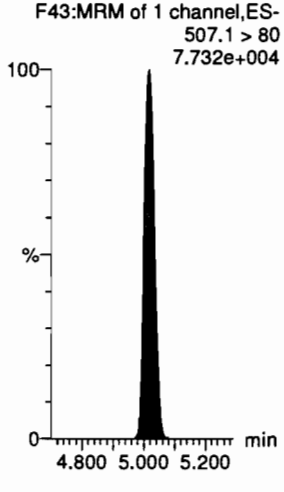

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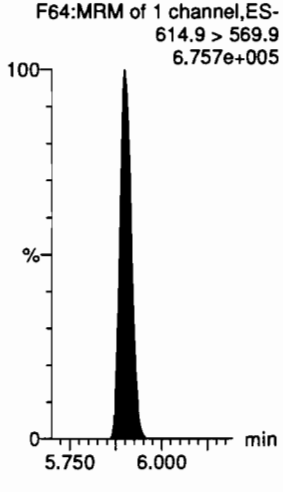

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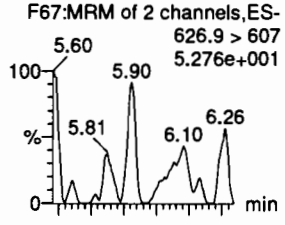
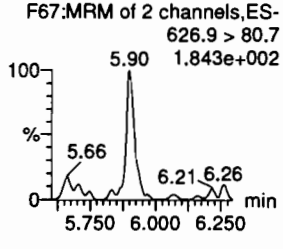
10:2 FTS





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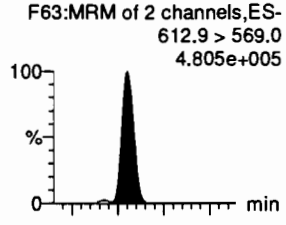
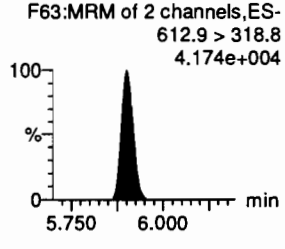
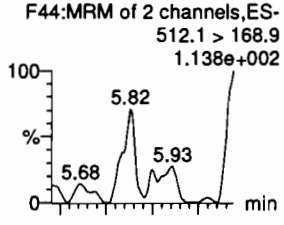
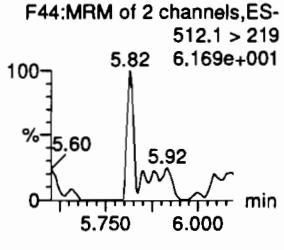




N-MeFOSA





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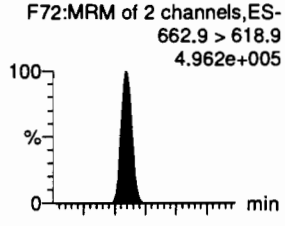
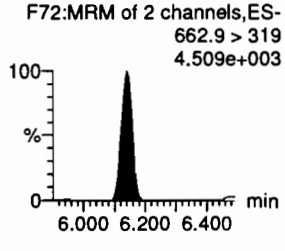
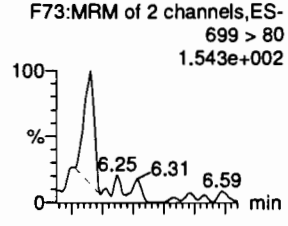
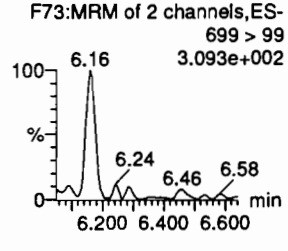


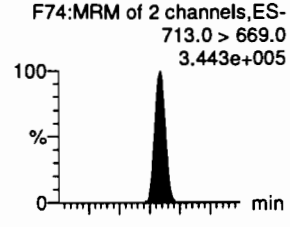


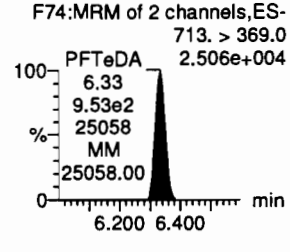
PFDoS



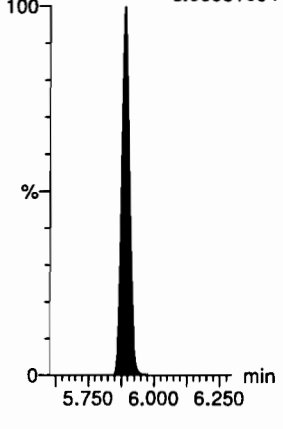


PFTeDA

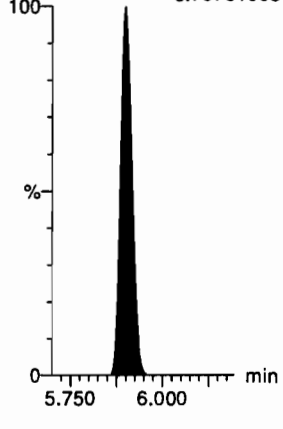




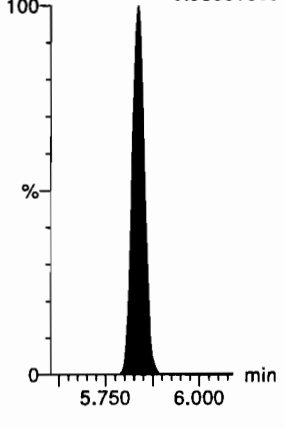
13C2-10:2 FTS-EIS



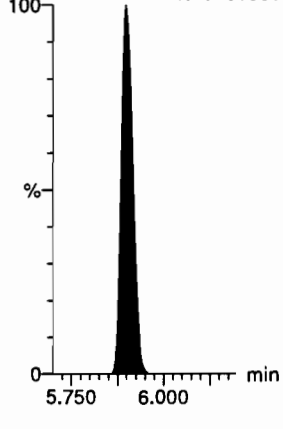
13C2-PFDoA-EIS



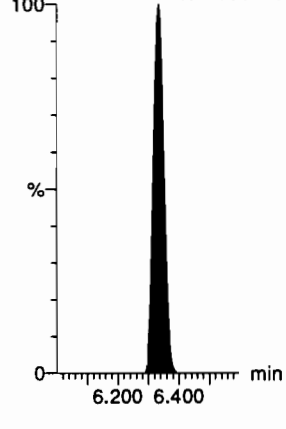
d3-N-MeFOSA-EIS



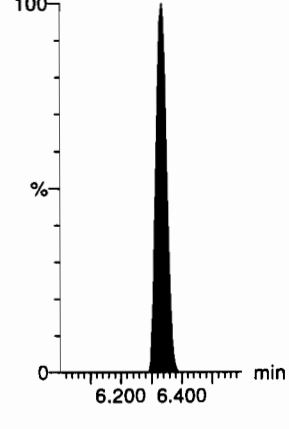
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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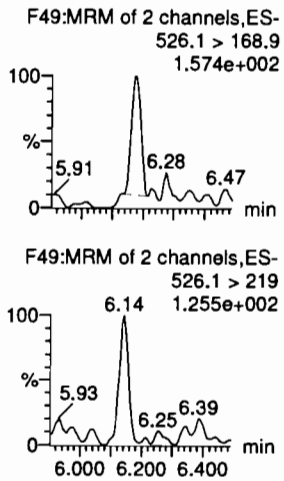
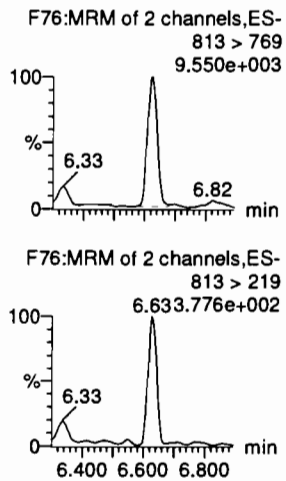
Name: 200706P1-30, Date: 06-Jul-2020, Time: 15:09:30, ID: ICV200706P1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

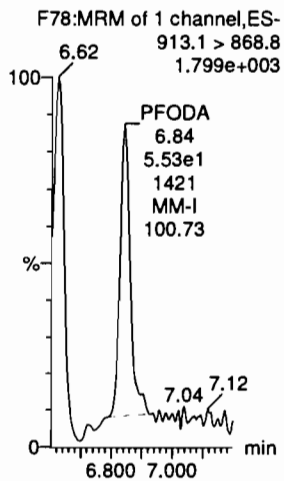
N-EtFOSA



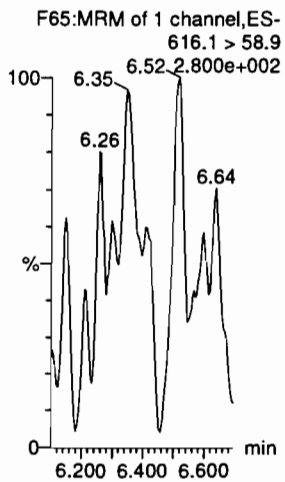
PFHxDA



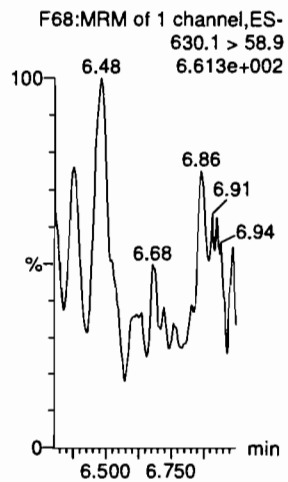
PFODA



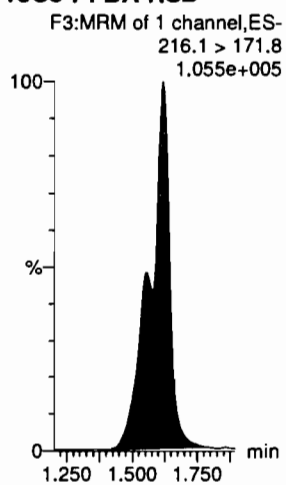
N-MeFOSE



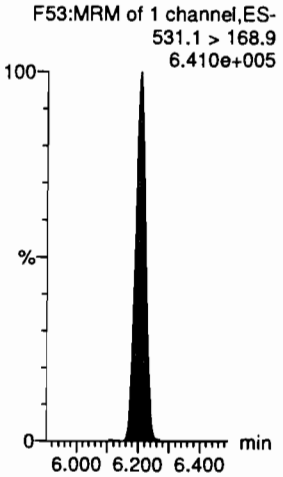
N-EtFOSE



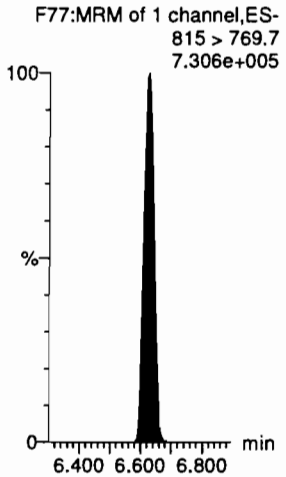
13C3-PFBA-RSD



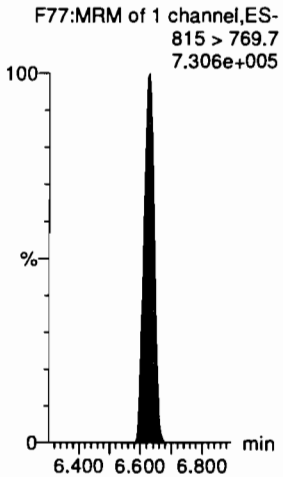
d5-N-ETFOSA-EIS



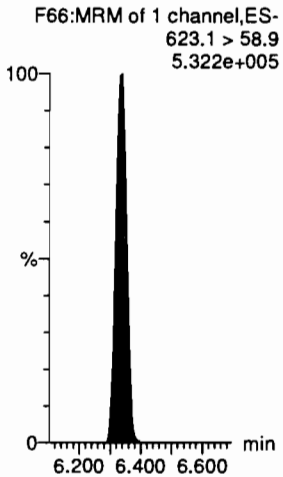
13C2-PFHxDA-EIS



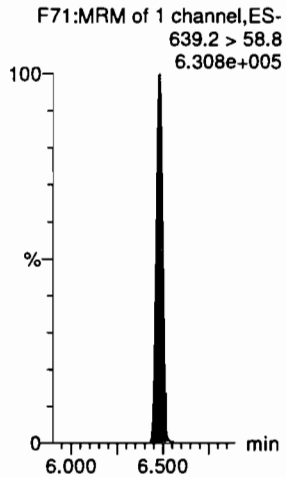
13C2-PFHxDA-EIS



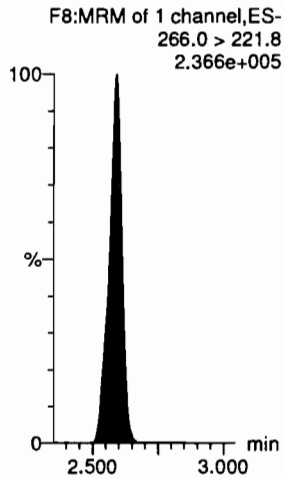
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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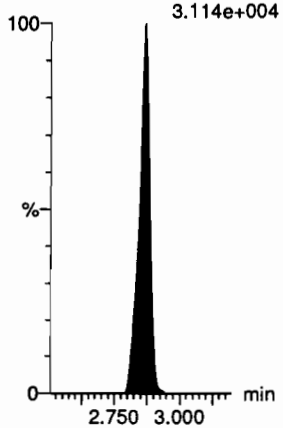
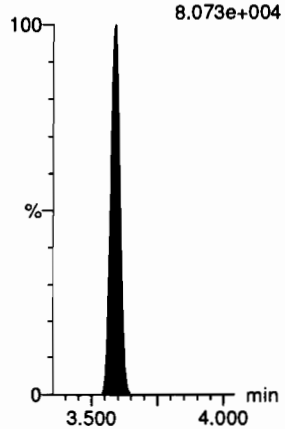
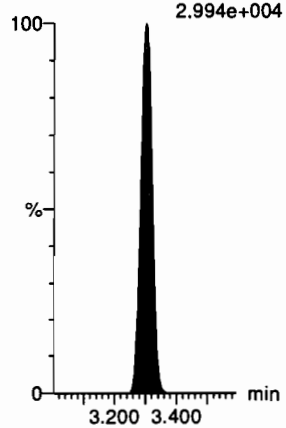
13C3-PFBS-RSD



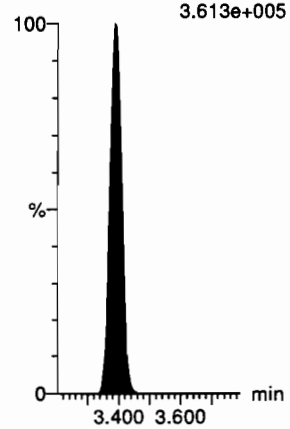
13C3-HFPO-DA-RSD



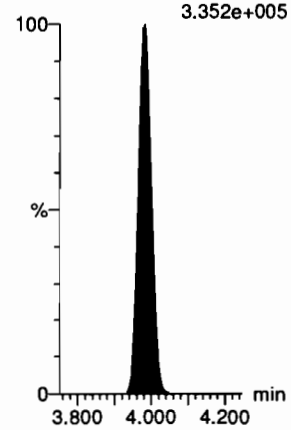
13C2-4:2 FTS-RSD



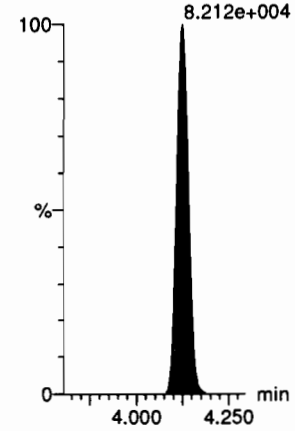
13C2-PFHxA-RSD



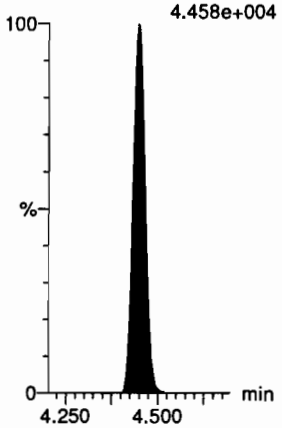
13C4-PFHpA-RSD



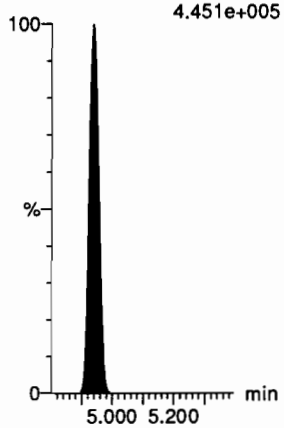
13C3-PFHxS-RSD



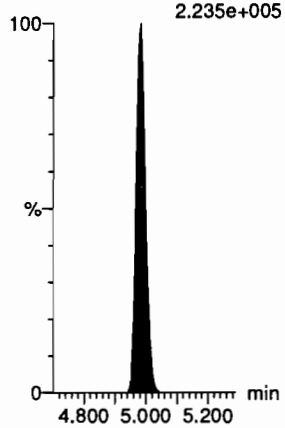
13C2-6:2 FTS-RSD



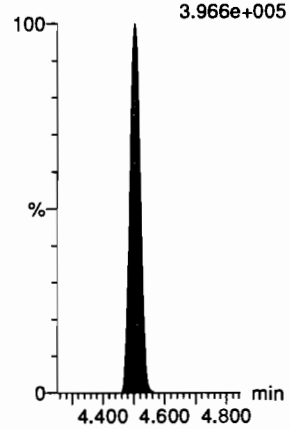
13C5-PFNA-RSD



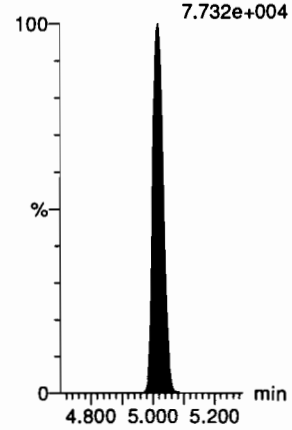
13C8-PFOSA-RSD



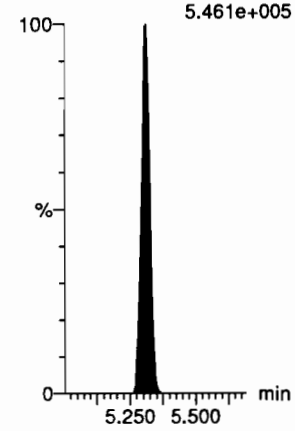
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



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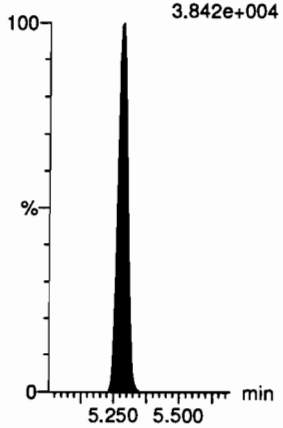
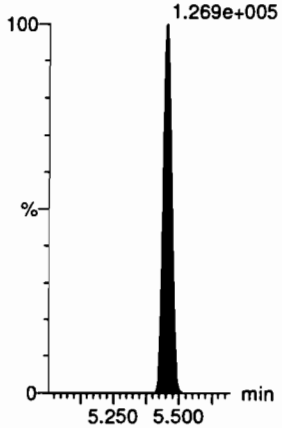
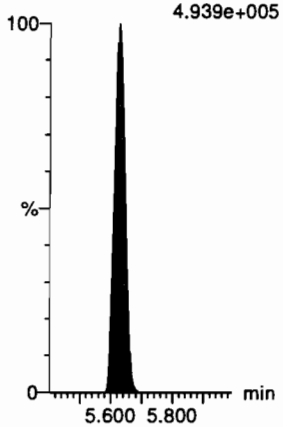
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
529 > 80
3.842e+004



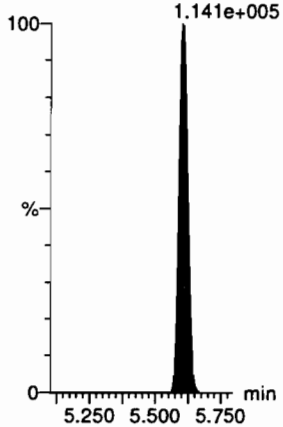
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573.1 > 419
1.269e+005



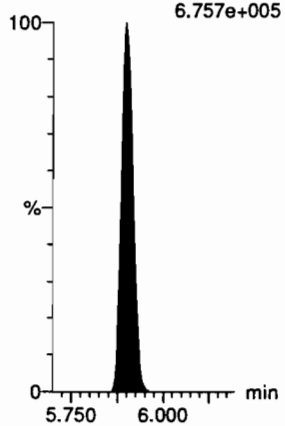
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.939e+005



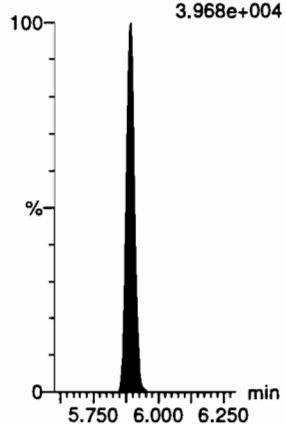
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589.3 > 419
1.141e+005



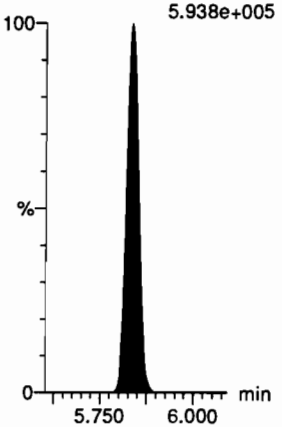
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
614.9 > 569.9
6.757e+005



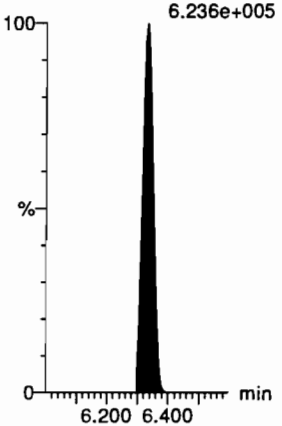
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
632.9 > 80.0
3.968e+004



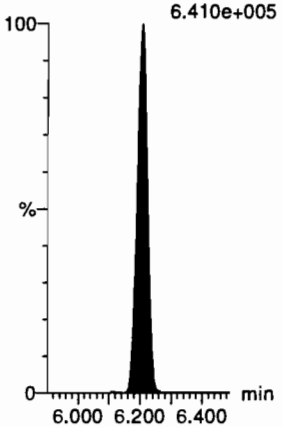
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
5.938e+005



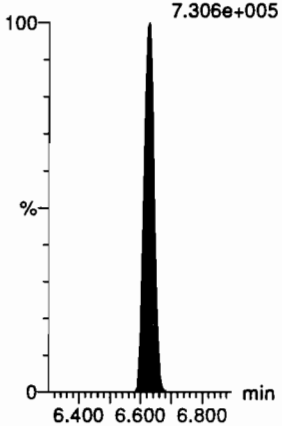
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
6.236e+005



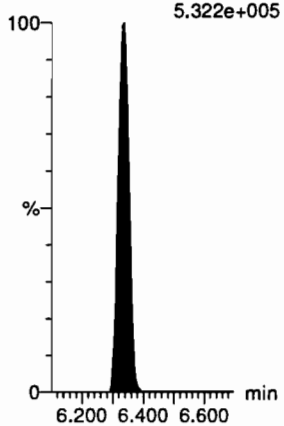
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.410e+005



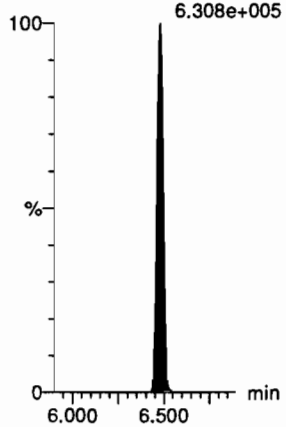
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.306e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
5.322e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
6.308e+005



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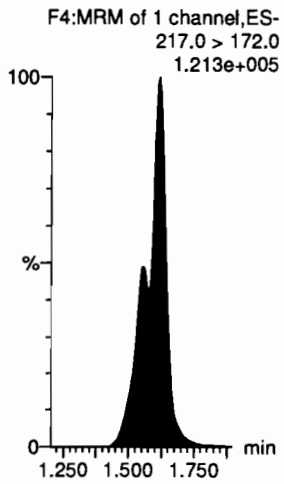
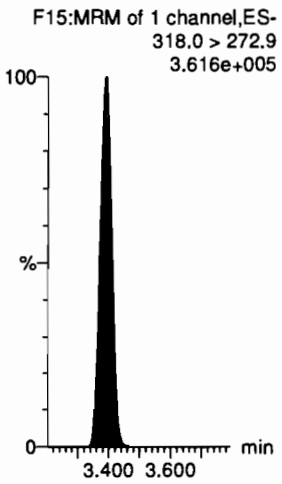
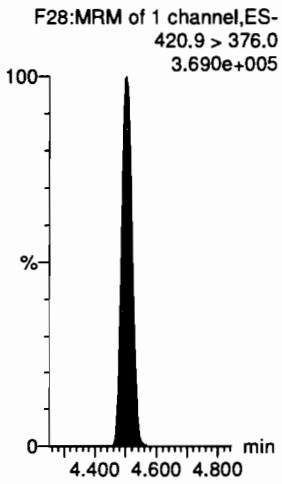
13C4-PFBA



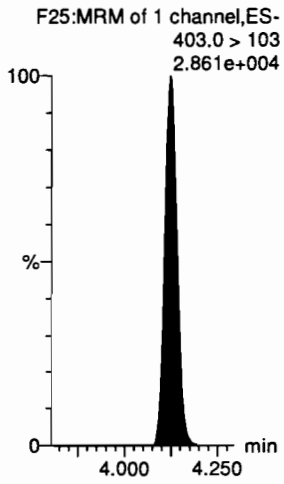
13C5-PFHxA



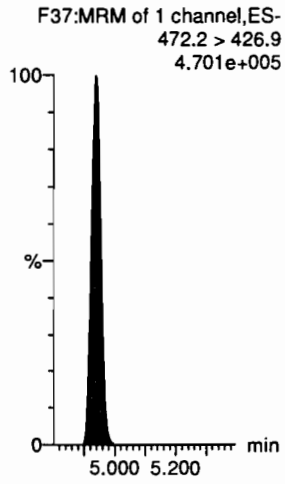
13C8-PFOA



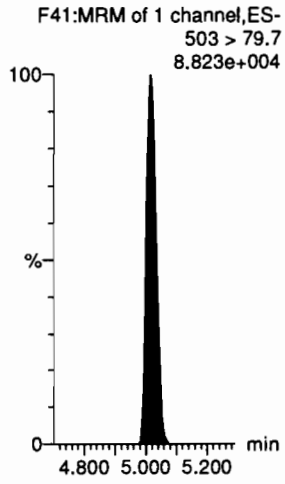
18O2-PFHxS



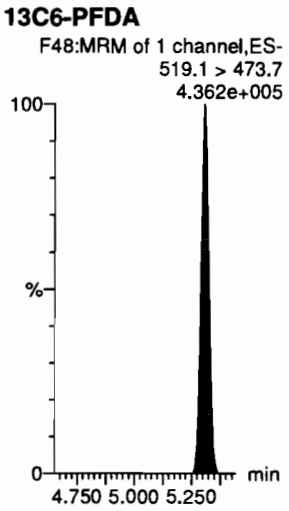
13C9-PFNA



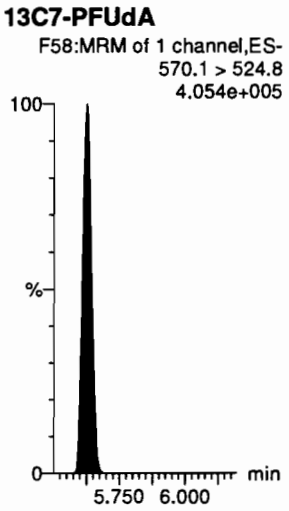
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Vista Analytical Laboratory

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Printed: Tuesday, July 07, 2020 10:17:38 Pacific Daylight Time

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Name: 200706P1-29, Date: 06-Jul-2020, Time: 14:58:58, ID: IB, Description: IB

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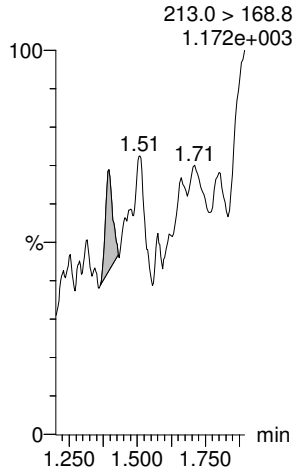

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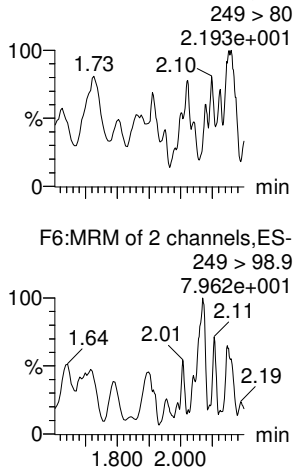
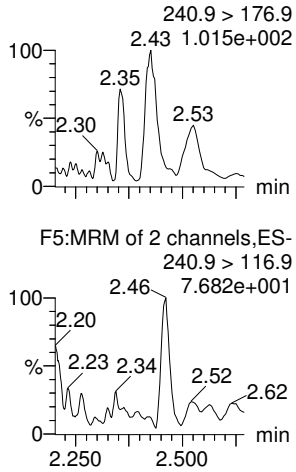


3:3 FTCA



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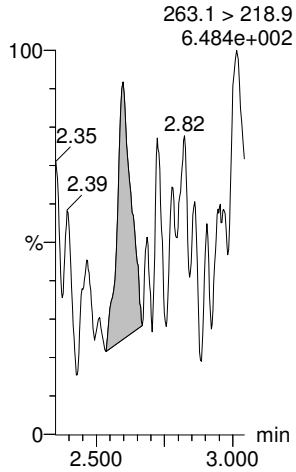

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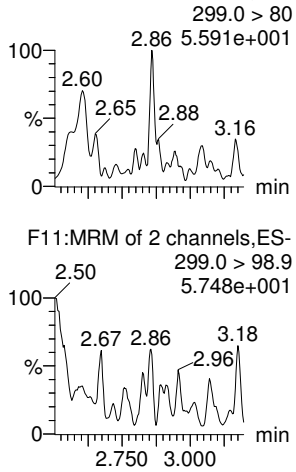
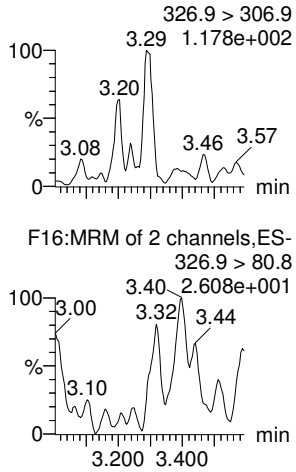


4:2 FTS



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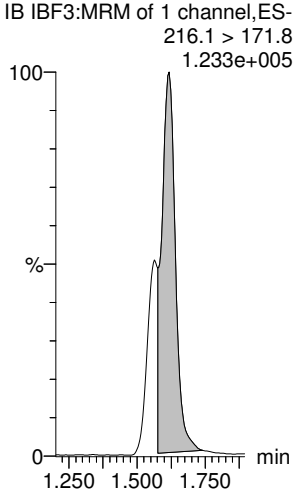

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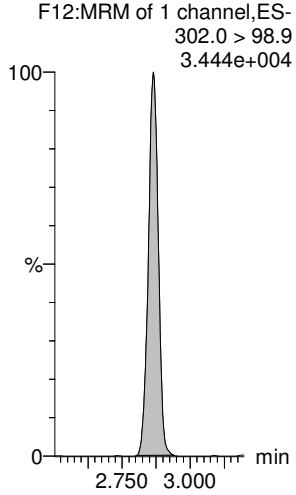

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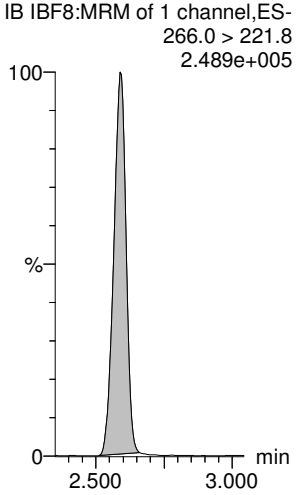

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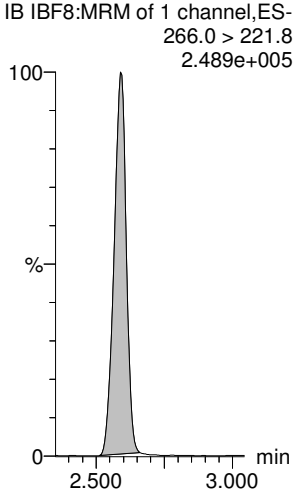

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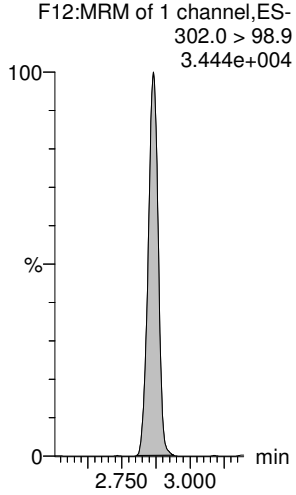
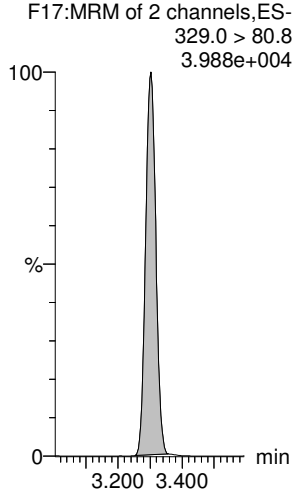


13C2-4:2 FTS-EIS



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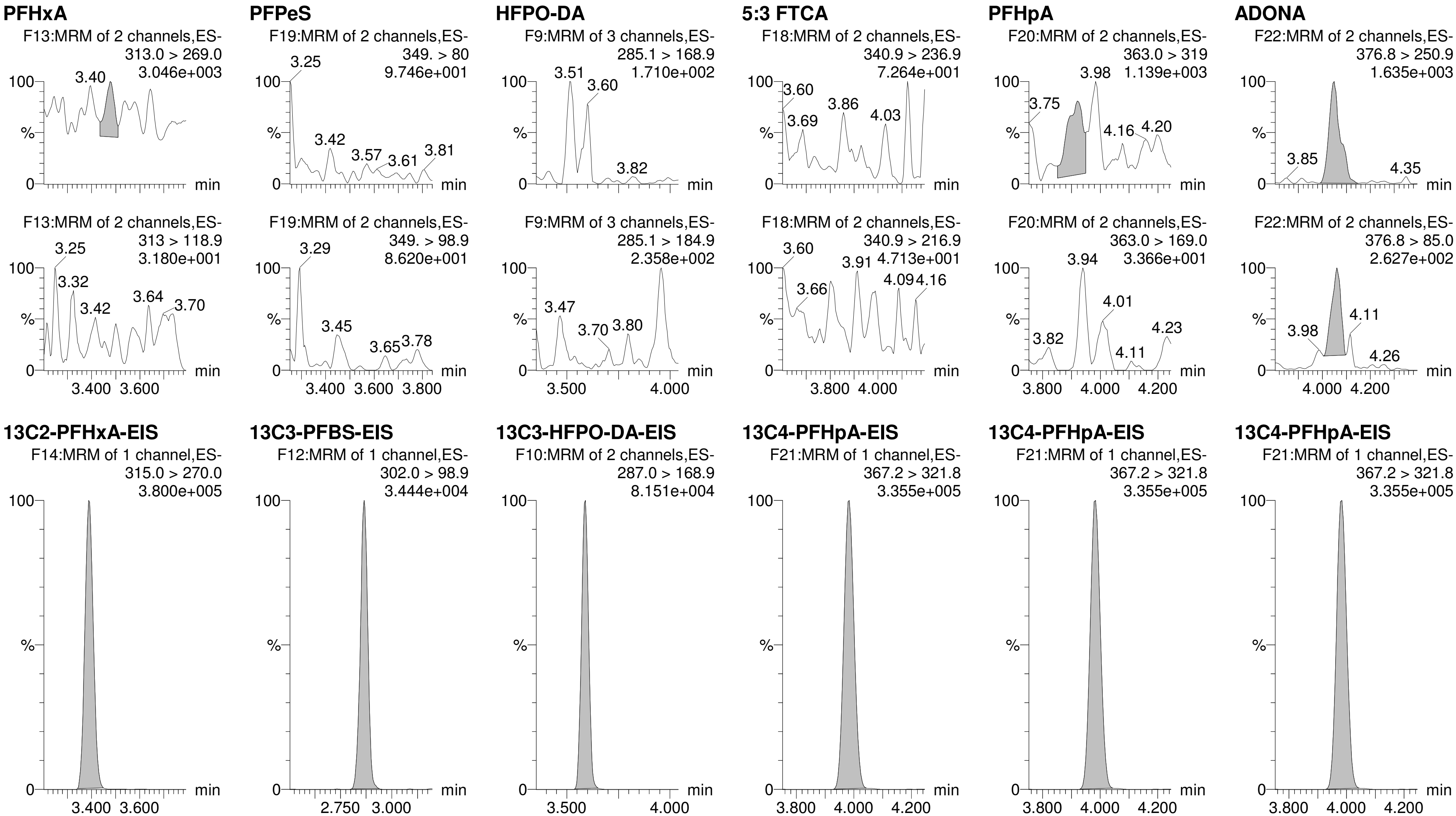
Name: 200706P1-29, Date: 06-Jul-2020, Time: 14:58:58, ID: IB, Description: IB



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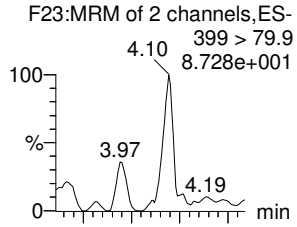
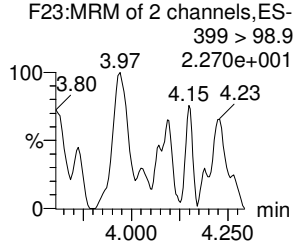
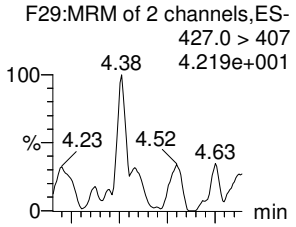
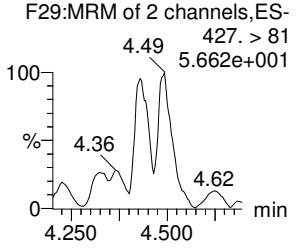
L-PFHxS





6:2 FTS





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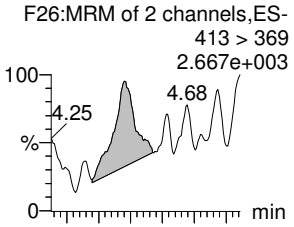

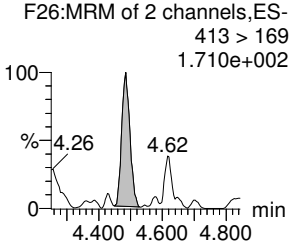

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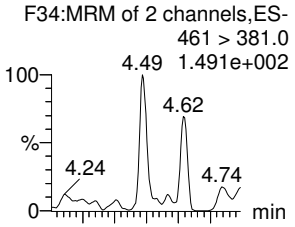

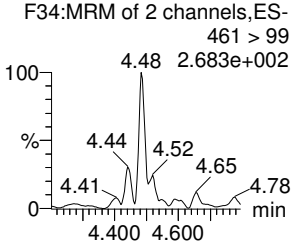

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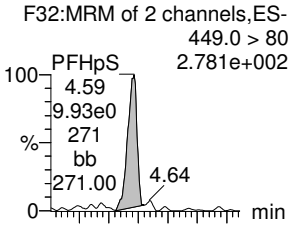
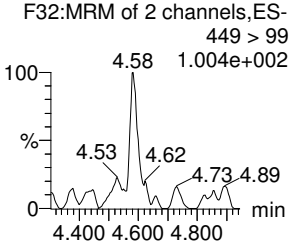
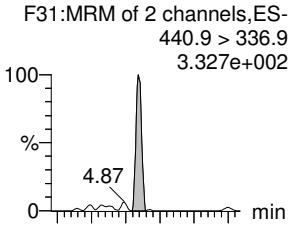
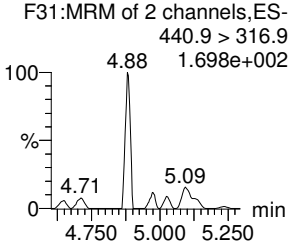




7:3 FTCA





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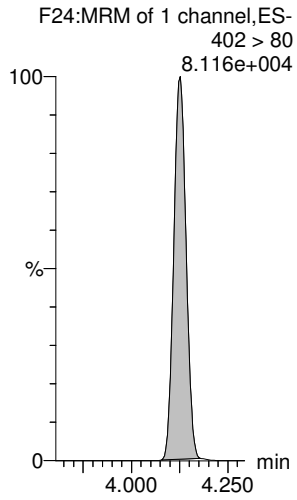

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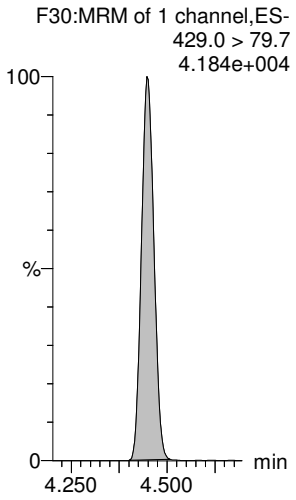

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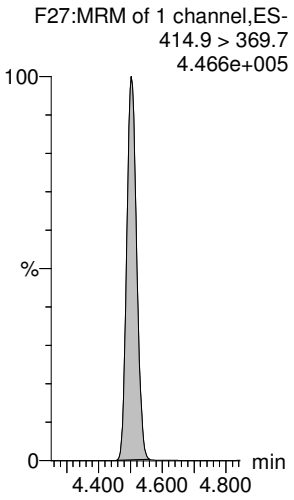

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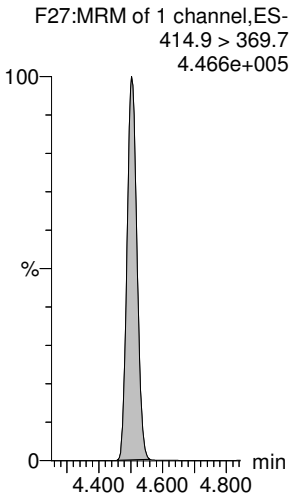

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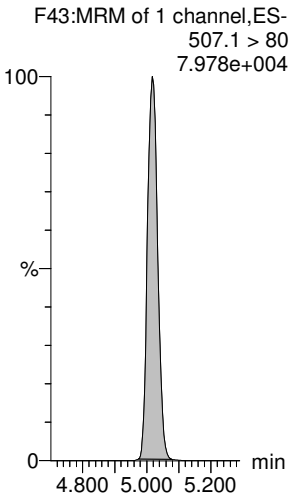
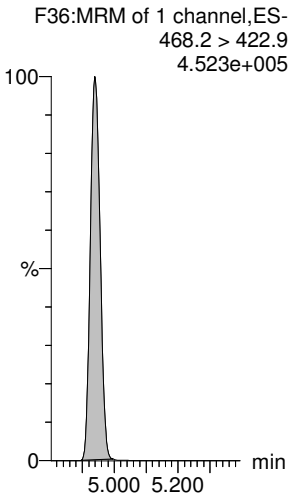


13C5-PFNA-EIS



Vista Analytical Laboratory

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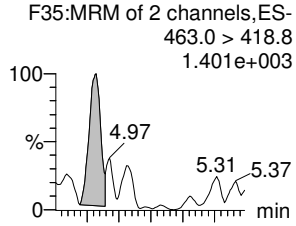

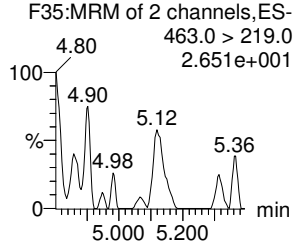

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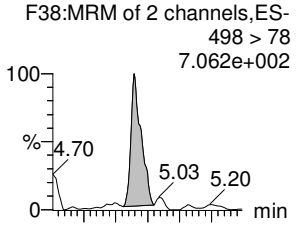
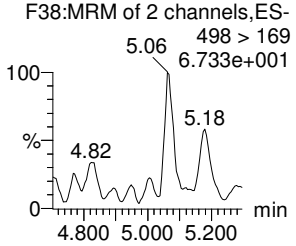
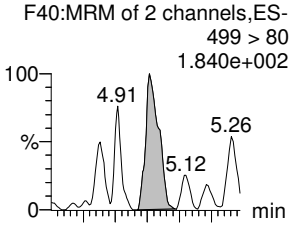
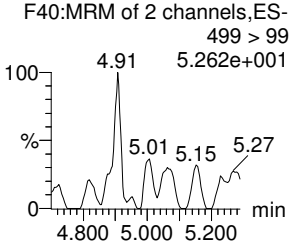




L-PFOS





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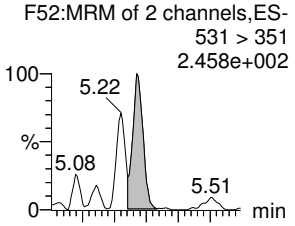

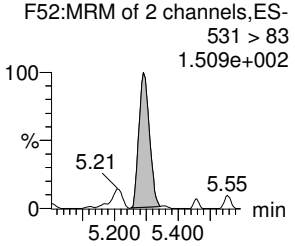

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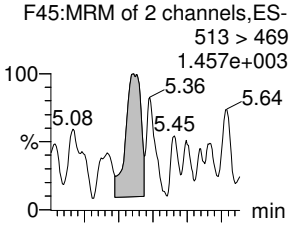
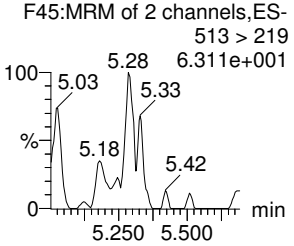
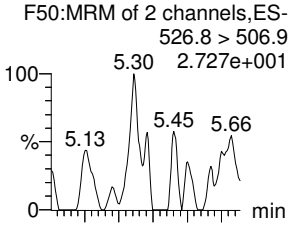
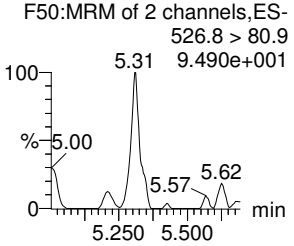




8:2 FTS





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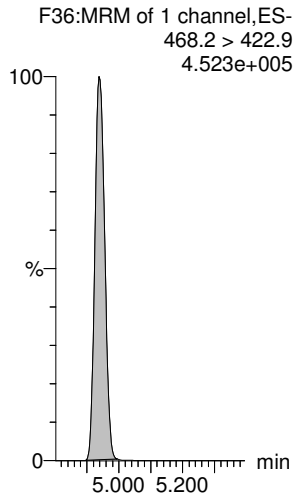
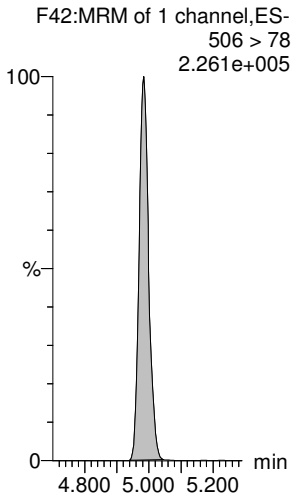


13C8-PFOSA-EIS



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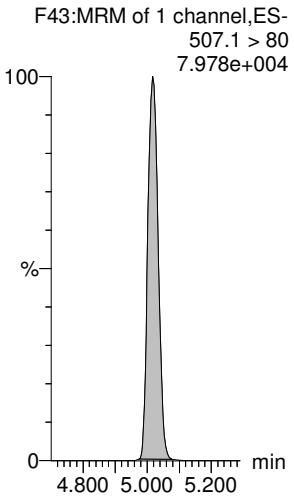

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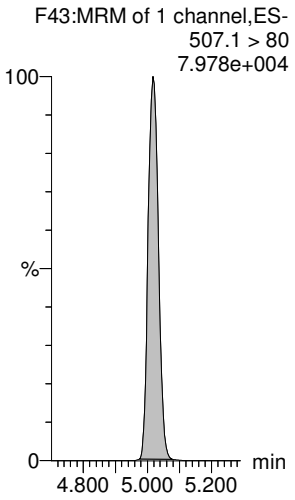

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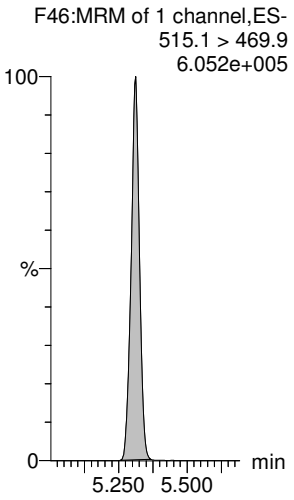
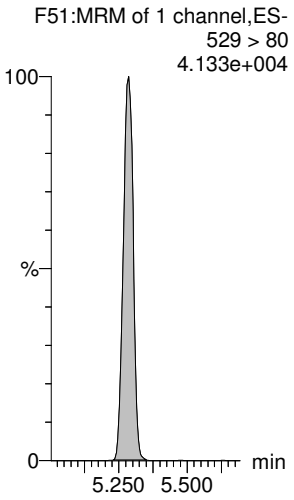


13C2-8:2 FTS-EIS



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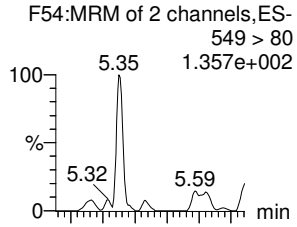
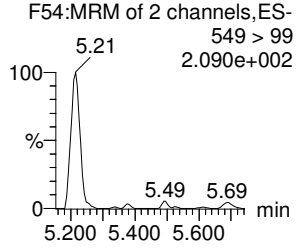
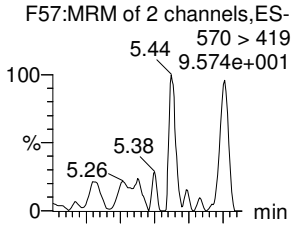
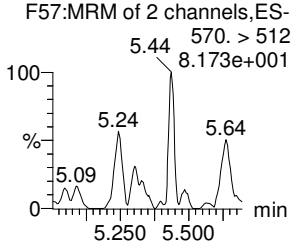
PFNS





L-MeFOSAA





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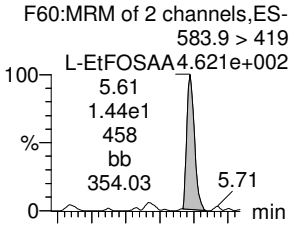

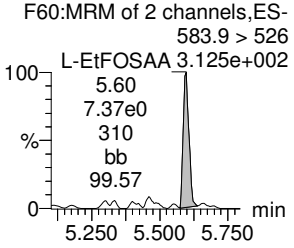

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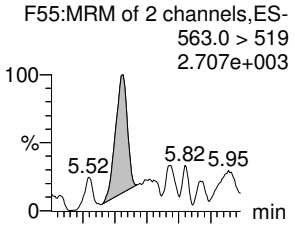

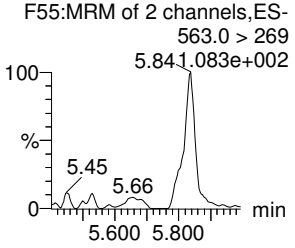

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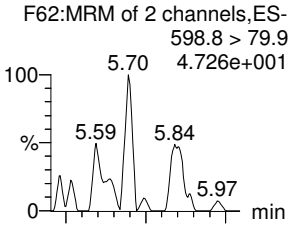

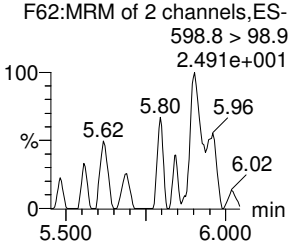

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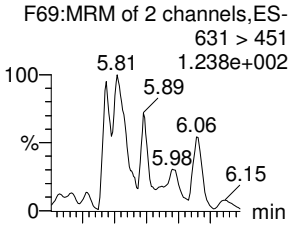
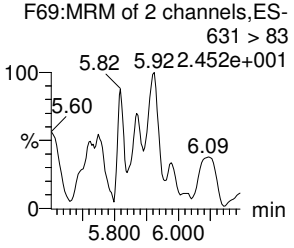
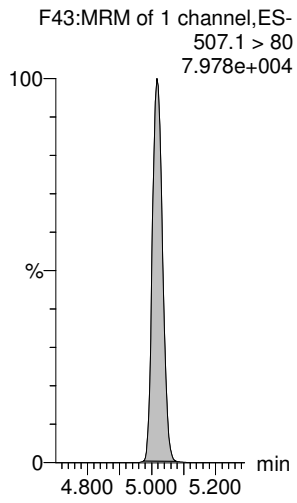




13C8-PFOS-EIS



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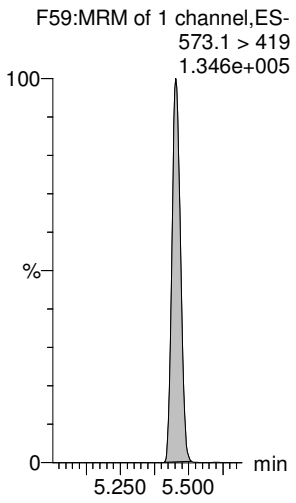

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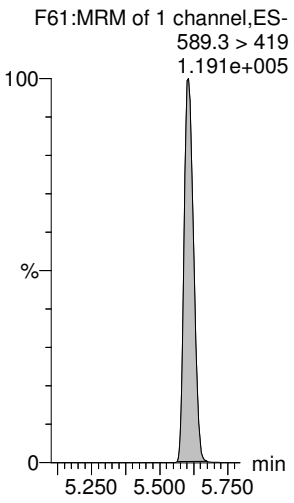

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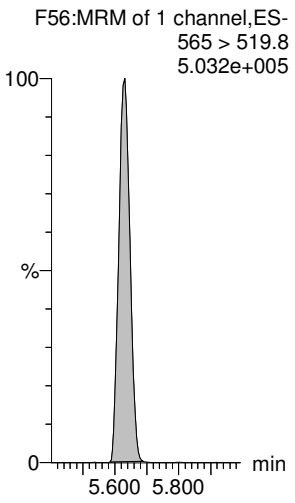

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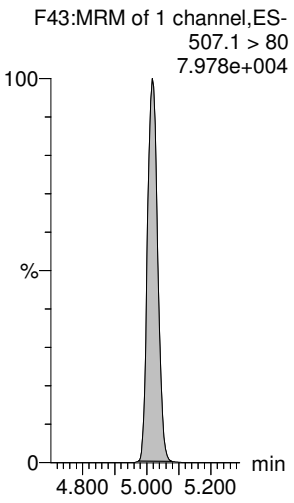

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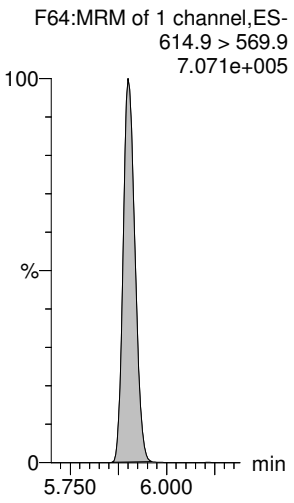

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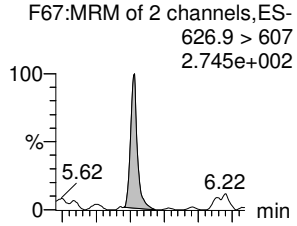
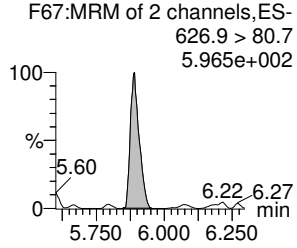
10:2 FTS





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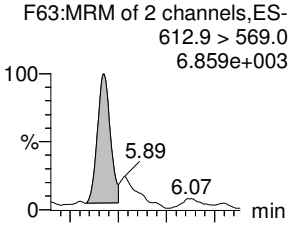

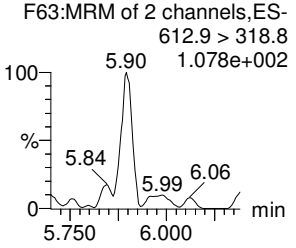

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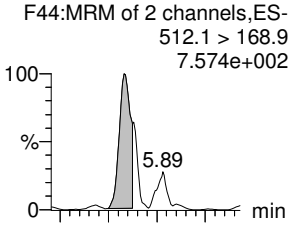

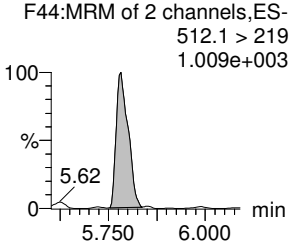

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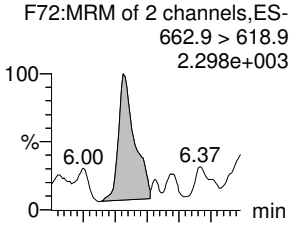

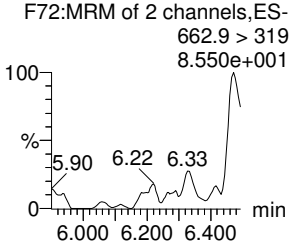

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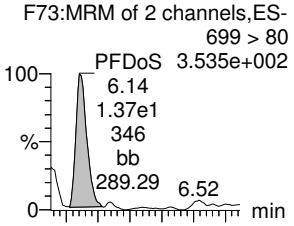

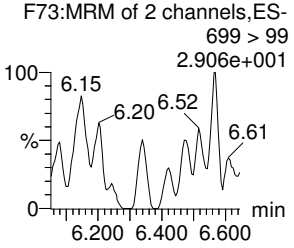

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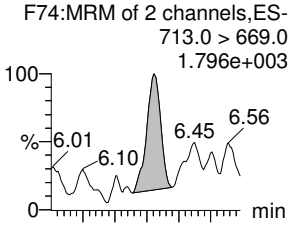
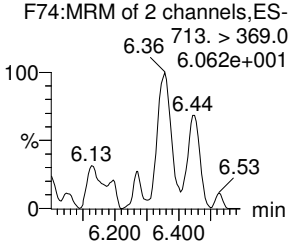
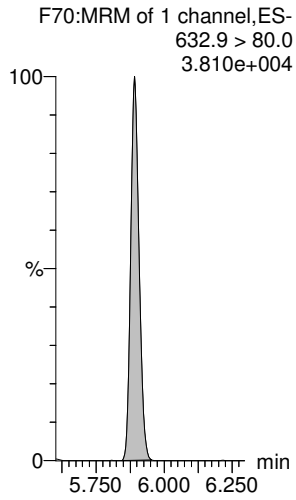




13C2-10:2 FTS-EIS



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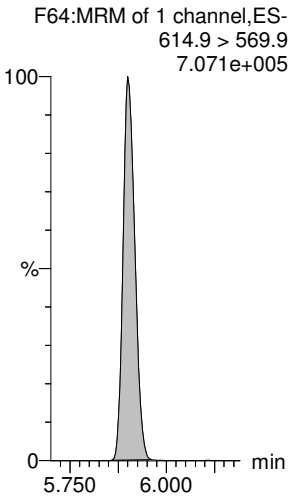

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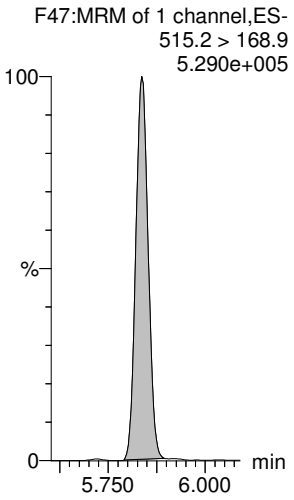

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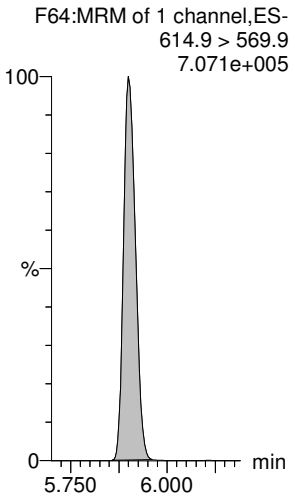

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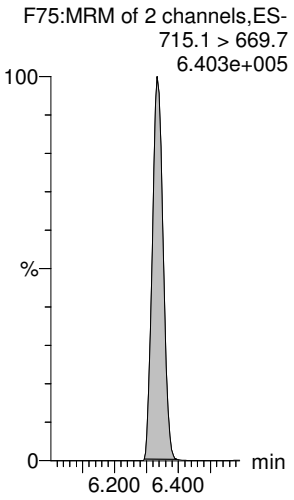

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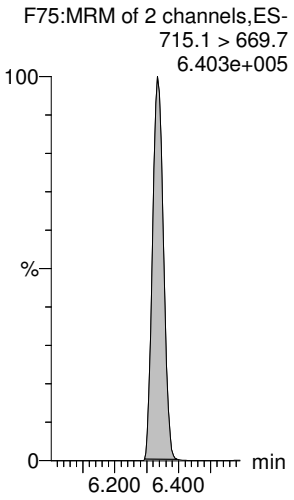

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Name: 200706P1-29, Date: 06-Jul-2020, Time: 14:58:58, ID: IB, Description: IB

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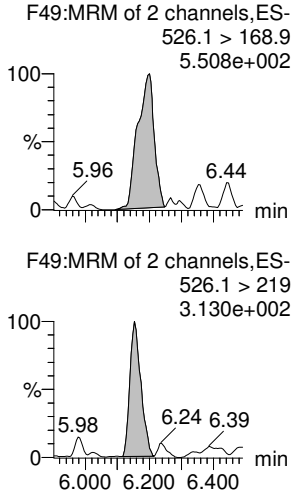

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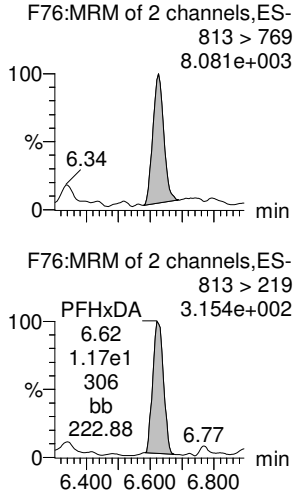

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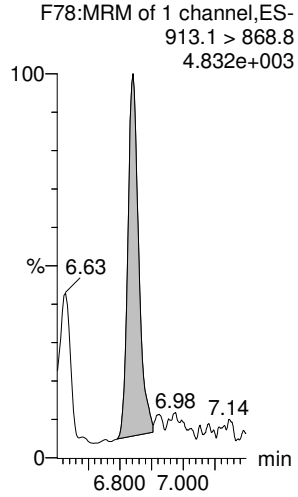

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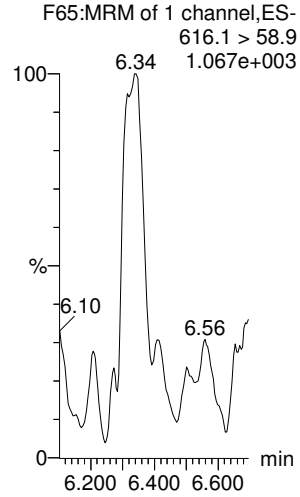

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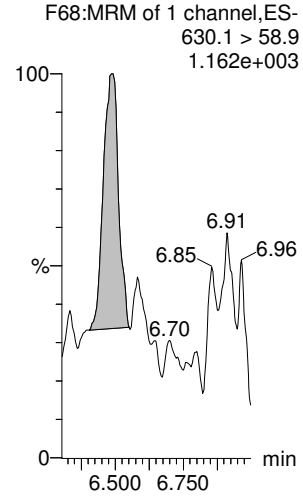

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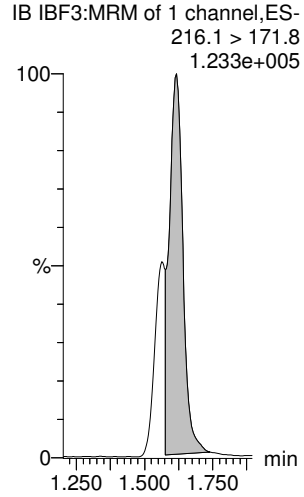
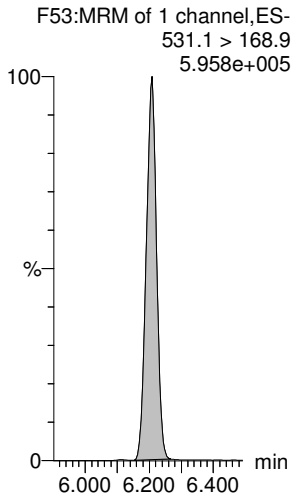


d5-N-ETFOSA-EIS



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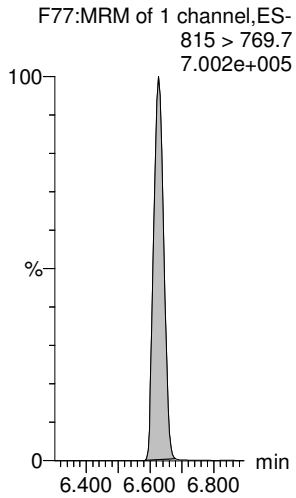

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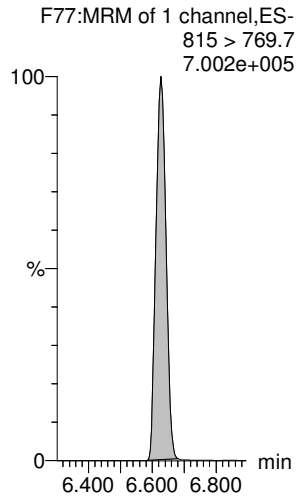

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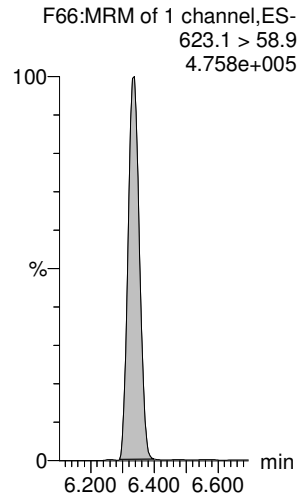

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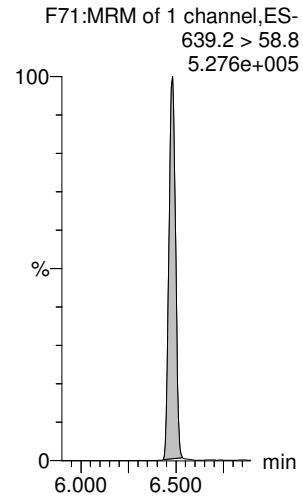

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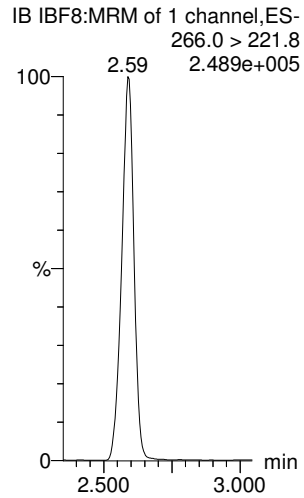

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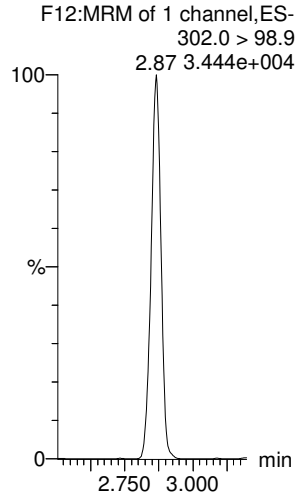

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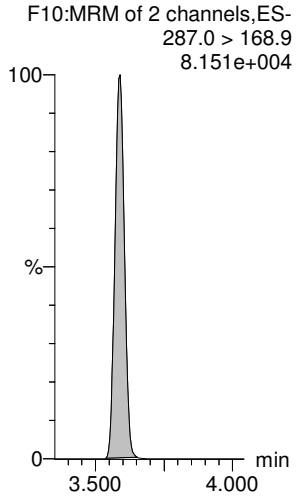
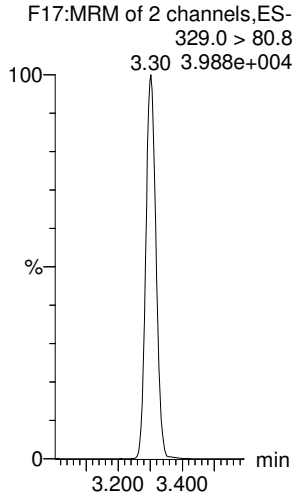


13C2-4:2 FTS-RSD



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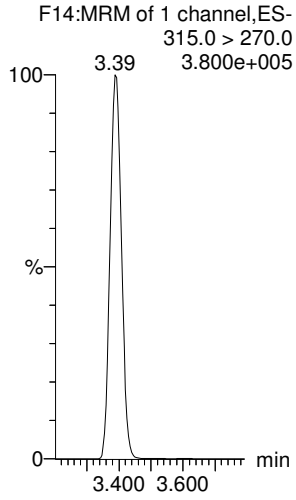

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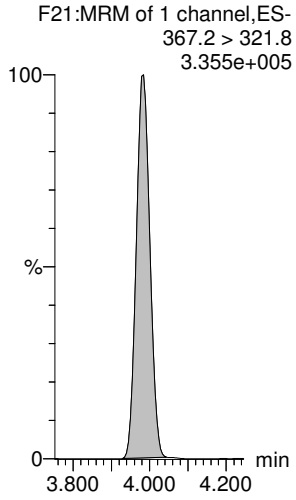

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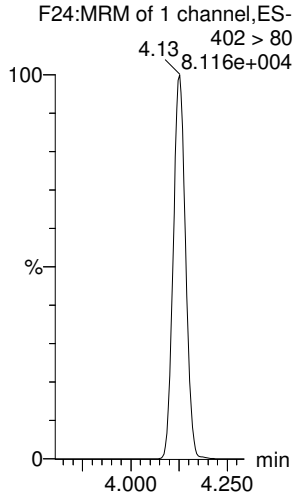

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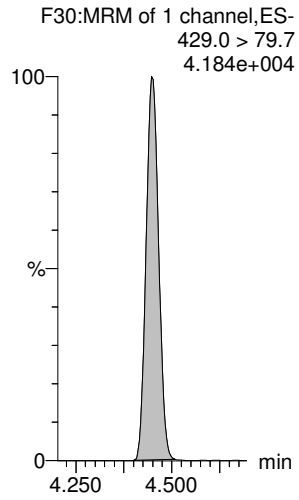

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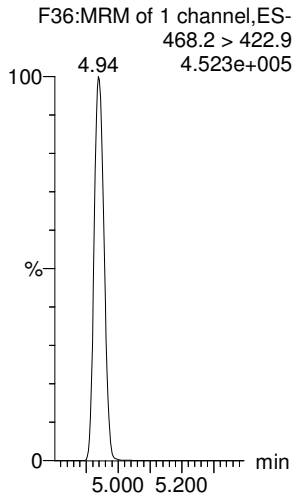

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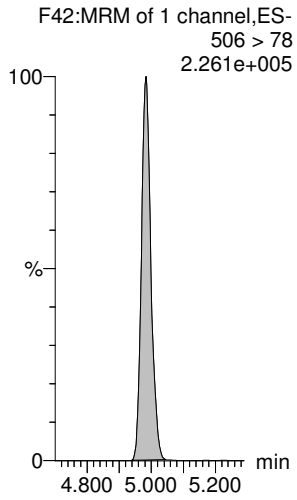
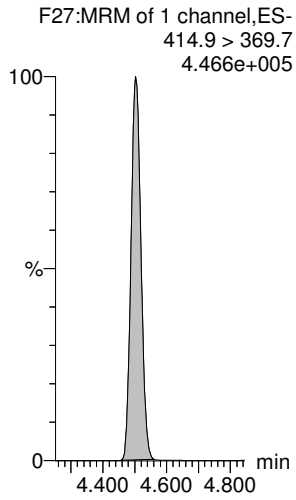
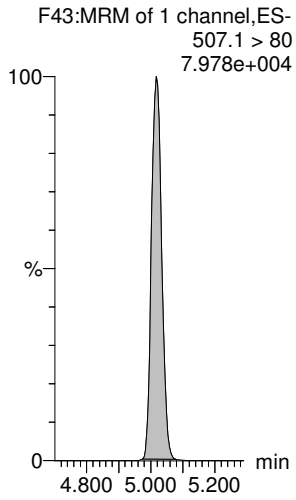


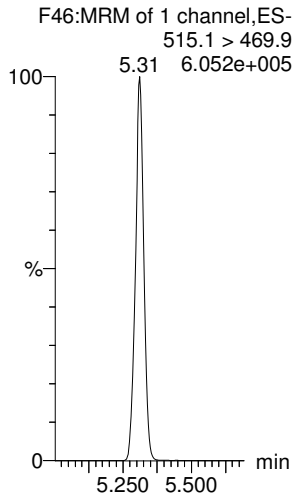
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



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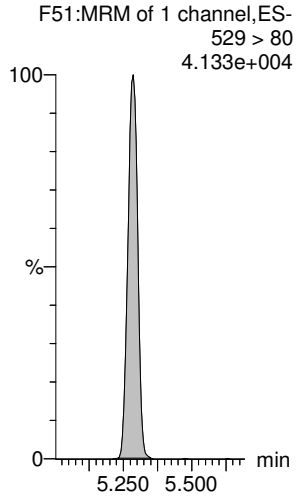
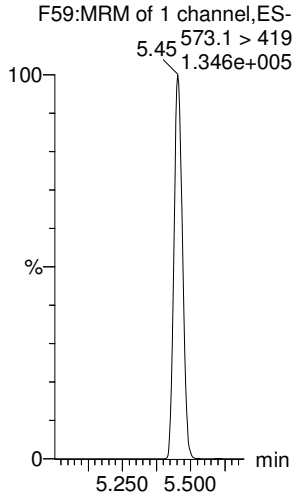
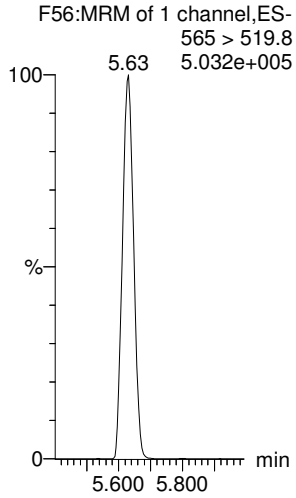
13C2-8:2 FTS-RSD



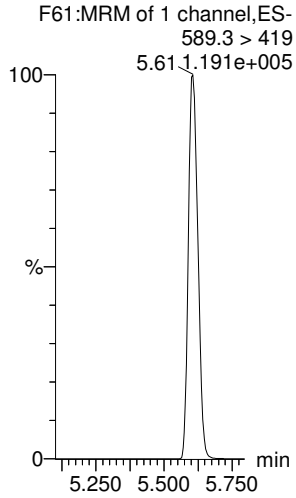
d3-N-MeFOSAA-RSD



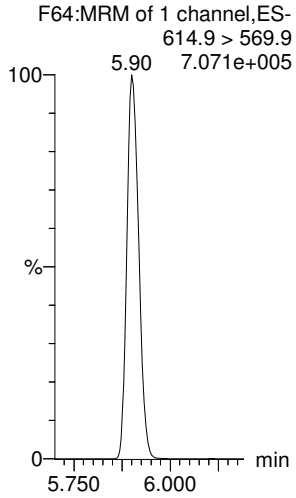
13C2-PFUdA-RSD



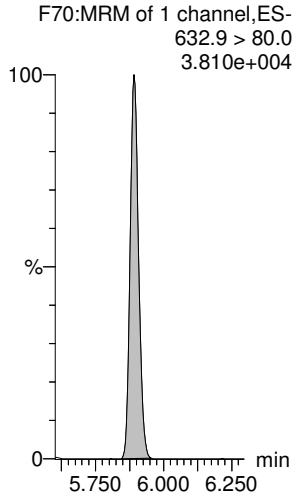
d5-N-EtFOSAA-RSD



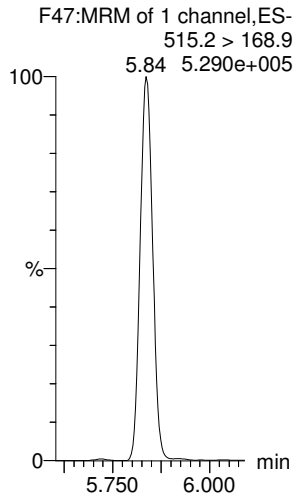
13C2-PFDoA-RSD



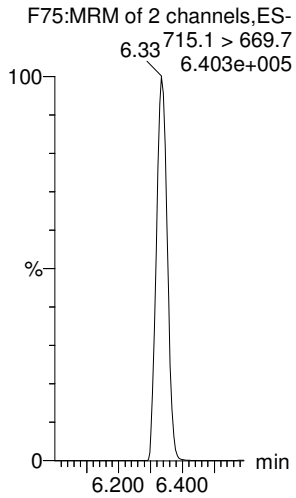
13C2-10:2 FTS-RSD



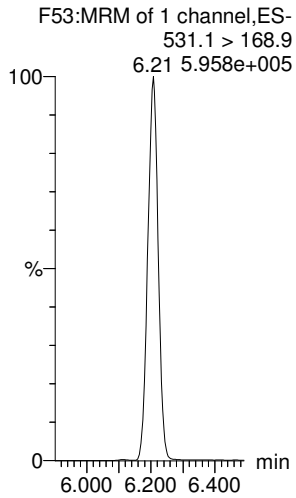
d3-N-MeFOSA-RSD



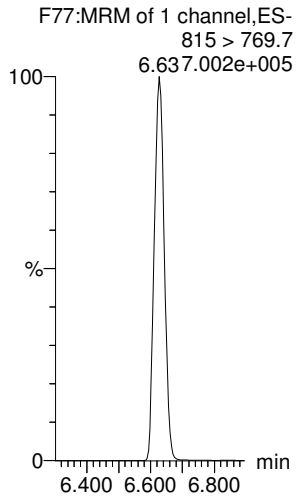
13C2-PFTeDA-RSD



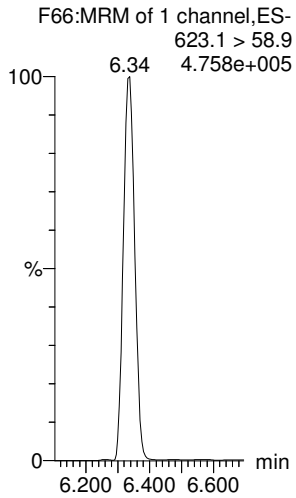
d5-N-ETFOSA-RSD



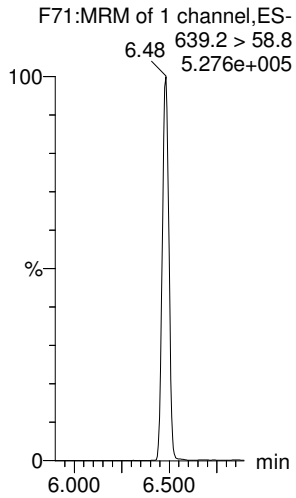
13C2-PFHxDA-RSD



d7-N-MeFOSE-RSD



d9-N-EtFOSE-RSD



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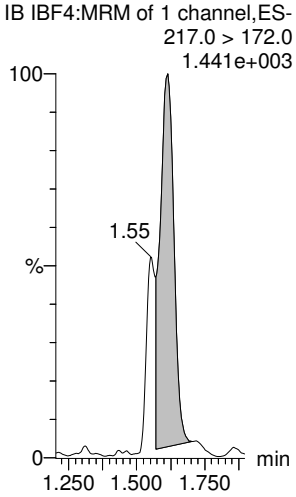
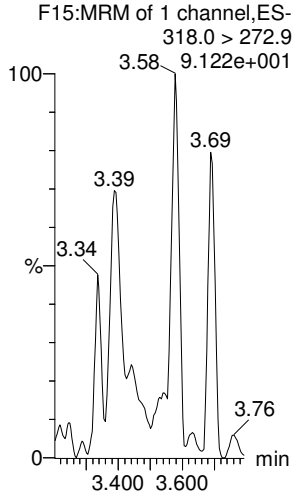
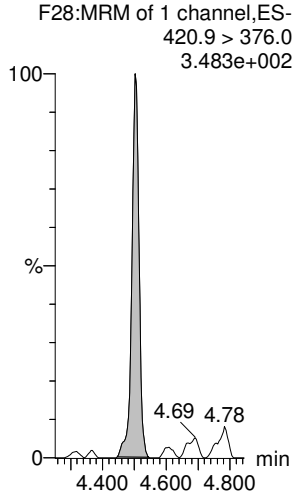
13C4-PFBA



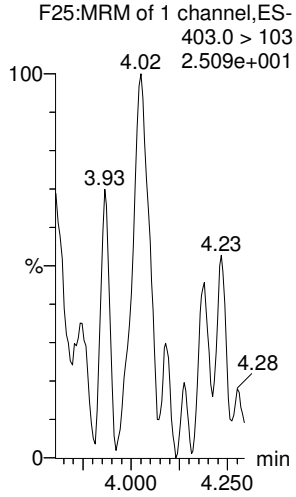
13C5-PFHxA



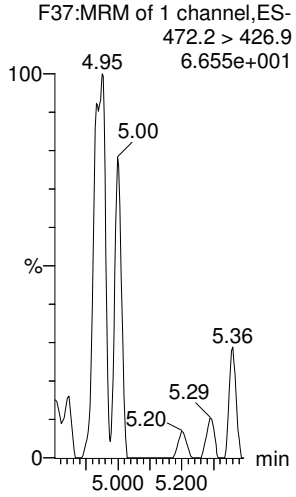
13C8-PFOA



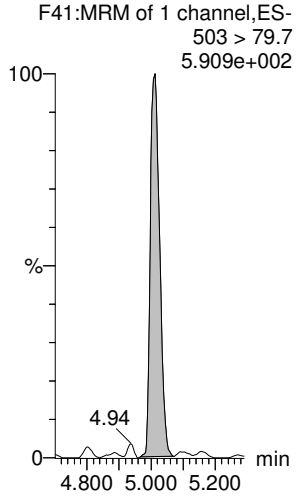
18O2-PFHxS



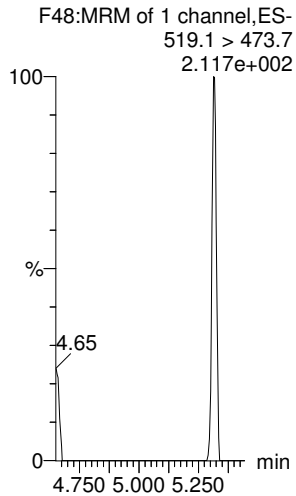
13C9-PFNA



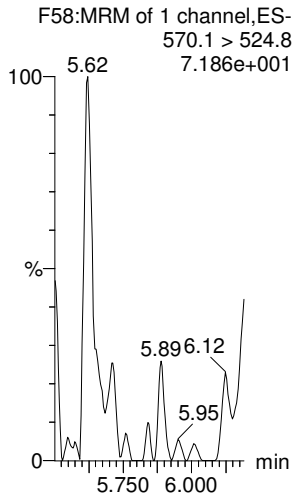
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	9.237	7031.754	1.00	1.40	0.016				NO		
2	2	PFPrS	249 > 80		1445.272	1.00						NO		YES
3	3	3:3 FTCA	240.9 > 176.9		12721.932	1.00						NO		YES
4	4	PFPeA	263.1 > 218.9	25.230	12721.932	1.00	2.60	0.025		0.0220		NO		
5	5	PFBS	299.0 > 80		1445.272	1.00						NO		YES
6	6	4:2 FTS	326.9 > 306.9		1446.075	1.00						NO		YES
7	47	13C3-PFBA-EIS	216.1 > 171.8	7031.754		1.00	1.62	7031.754	12.500	10.2	81.6	NO		
8	51	13C3-PFBS-EIS	302.0 > 98.9	1445.272		1.00	2.87	1445.272	12.500	13.9	111.2	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	12721.932		1.00	2.59	12721.932	12.500	13.2	105.8	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	12721.932		1.00	2.59	12721.932	12.500	13.2	105.8	NO		
11	51	13C3-PFBS-EIS	302.0 > 98.9	1445.272		1.00	2.87	1445.272	12.500	13.9	111.2	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >80.8	1446.075		1.00	3.30	1446.075	12.500	14.3	114.6	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	72.555	15300.678	1.00	3.48	0.059				NO		YES
15	8	PFPeS	349.>80		1445.272	1.00						NO		YES
16	9	HFPO-DA	285.1 > 168.9		3189.258	1.00						NO		YES
17	10	5:3 FTCA	340.9 > 236.9		13649.274	1.00						NO		YES
18	11	PFHpA	363.0 > 319	52.108	13649.274	1.00	3.92	0.048		0.00883		NO		YES
19	12	ADONA	376.8 > 250.9	88.752	13649.274	1.00	4.05	0.081		0.00188		NO	3.841	YES
20	57	13C2-PFHxA-EIS	315.0 > 270.0	15300.678		1.00	3.39	15300.678	12.500	14.0	112.3	NO		
21	51	13C3-PFBS-EIS	302.0 > 98.9	1445.272		1.00	2.87	1445.272	12.500	13.9	111.2	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	3189.258		1.00	3.59	3189.258	12.500	14.0	111.8	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	13649.274		1.00	3.98	13649.274	12.500	13.9	111.1	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	13649.274		1.00	3.98	13649.274	12.500	13.9	111.1	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	13649.274		1.00	3.98	13649.274	12.500	13.9	111.1	NO		
26	-1													
27	13	L-PFHxS	399 > 79.9		2956.690	1.00						NO		YES
28	15	6:2 FTS	427.0 > 407		1567.986	1.00						NO		YES
29	16	L-PFOA	413 > 369	129.786	15770.835	1.00	4.48	0.103		0.0430		NO	25.854	YES
30	18	PFecHS	461 > 381.0		15770.835	1.00						NO		YES
31	19	PFHpS	449.0 > 80	9.934	2919.588	1.00	4.59	0.043		0.0384		NO		YES
32	20	7:3 FTCA	440.9 > 336.9	7.772	16049.925	1.00	4.92	0.006		0.0180		NO		YES
33	61	13C3-PFHxS-EIS	402 > 80	2956.690		1.00	4.13	2956.690	12.500	13.4	107.5	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.7	1567.986		1.00	4.45	1567.986	12.500	12.2	97.4	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	15770.835		1.00	4.50	15770.835	12.500	13.7	109.3	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	15770.835		1.00	4.50	15770.835	12.500	13.7	109.3	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	71	13C8-PFOS-EIS	507.1 > 80	2919.588		1.00	5.02	2919.588	12.500	12.9	103.6	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	16049.925		1.00	4.94	16049.925	12.500	13.2	105.8	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	57.165	16049.925	1.00	4.93	0.045		0.0224		NO		YES
41	22	PFOSA	498 > 78	25.110	7728.135	1.00	4.96	0.041		0.0514		NO		YES
42	23	L-PFOS	499 > 80	8.560	2919.588	1.00	5.01	0.037		0.103		NO		YES
43	25	9Cl-PF30NS	531 > 351	9.123	2919.588	1.00	5.27	0.039		0.00792		NO	1.599	YES
44	26	PFDA	513 > 469	85.108	21328.793	1.00	5.30	0.050		0.00680		NO		YES
45	27	8:2 FTS	526.8 > 506.9		1698.056	1.00						NO		YES
46	65	13C5-PFNA-EIS	468.2 > 422.9	16049.925		1.00	4.94	16049.925	12.500	13.2	105.8	NO		
47	67	13C8-PFOSA-EIS	506 > 78	7728.135		1.00	4.98	7728.135	12.500	13.5	108.2	NO		
48	71	13C8-PFOS-EIS	507.1 > 80	2919.588		1.00	5.02	2919.588	12.500	12.9	103.6	NO		
49	71	13C8-PFOS-EIS	507.1 > 80	2919.588		1.00	5.02	2919.588	12.500	12.9	103.6	NO		
50	73	13C2-PFDA-EIS	515.1 > 469.9	21328.793		1.00	5.31	21328.793	12.500	14.3	114.4	NO		
51	75	13C2-8:2 FTS-EIS	529 > 80	1698.056		1.00	5.29	1698.056	12.500	15.4	123.1	NO		
52	-1													
53	28	PFNS	549 > 80		2919.588	1.00						NO		YES
54	29	L-MeFOSAA	570 > 419		4765.928	1.00						NO		YES
55	31	L-EtFOSAA	583.9 > 419	14.370	4706.535	1.00	5.61	0.038		0.0729		NO	1.950	NO
56	33	PFUdA	563.0 > 519	100.840	20308.568	1.00	5.63	0.062		0.0393		NO		YES
57	34	PFDS	598.8 >79.9		2919.588	1.00						NO		YES
58	35	11Cl-PF30UdS	631 > 451		24925.619	1.00						NO		YES
59	71	13C8-PFOS-EIS	507.1 > 80	2919.588		1.00	5.02	2919.588	12.500	12.9	103.6	NO		
60	77	d3-N-MeFOSAA-EIS	573.1 > 419	4765.928		1.00	5.45	4765.928	12.500	14.4	115.1	NO		
61	81	d5-N-EtFOSAA-EIS	589.3 > 419	4706.535		1.00	5.61	4706.535	12.500	15.0	119.9	NO		
62	79	13C2-PFUdA-EIS	565 > 519.8	20308.568		1.00	5.63	20308.568	12.500	12.8	102.7	NO		
63	71	13C8-PFOS-EIS	507.1 > 80	2919.588		1.00	5.02	2919.588	12.500	12.9	103.6	NO		
64	83	13C2-PFDoA-EIS	614.9 > 569.9	24925.619		1.00	5.90	24925.619	12.500	13.3	106.7	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	7.920	1352.273	1.00	5.89	0.073				NO	0.352	NO
67	37	PFDoA	612.9 > 569.0	251.215	24925.619	1.00	5.84	0.126		0.123		NO		YES
68	38	N-MeFOSA	512.1 > 168.9	24.563	19283.832	1.00	5.79	0.190		0.115		NO	0.693	YES
69	39	PFTrDA	662.9 > 618.9	124.413	24925.619	1.00	6.13	0.062		0.0581		NO		YES
70	40	PFDoS	699 > 80	13.725	24932.619	1.00	6.14	0.007		0.0634		NO		YES
71	41	PFTeDA	713.0 > 669.0	77.320	24932.619	1.00	6.32	0.039				NO		YES
72	85	13C2-10:2 FTS-EIS	632.9 > 80.0	1352.273		1.00	5.89	1352.273	12.500	12.4	99.6	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	83	13C2-PFDoA-EIS	614.9 > 569.9	24925.619		1.00	5.90	24925.619	12.500	13.3	106.7	NO		
74	87	d3-N-MeFOSA-EIS	515.2 > 168.9	19283.832		1.00	5.84	19283.832	149.200	139	93.4	NO		
75	83	13C2-PFDoA-EIS	614.9 > 569.9	24925.619		1.00	5.90	24925.619	12.500	13.3	106.7	NO		
76	89	13C2-PFTeDA-EIS	715.1 > 669.7	24932.619		1.00	6.33	24932.619	12.500	13.1	104.7	NO		
77	89	13C2-PFTeDA-EIS	715.1 > 669.7	24932.619		1.00	6.33	24932.619	12.500	13.1	104.7	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	32.074	22029.455	1.00	6.20	0.217		0.279		NO	2.593	NO
80	43	PFHxDA	813 > 769	298.843	25212.395	1.00	6.63	0.148				NO	25.568	NO
81	44	PFODA	913.1 > 868.8	179.740	25212.395	1.00	6.84	0.089		0.0930		NO		
82	45	N-MeFOSE	616.1 > 58.9		19306.602	1.00						NO		
83	46	N-EtFOSE	630.1 > 58.9	49.654	20422.244	1.00	6.49	0.363		0.0274		NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	7031.754	81.232	1.00	1.62	1082.048	12.500	1270	10132.7	YES		
85	91	d5-N-ETFOSA-EIS	531.1 > 168.9	22029.455		1.00	6.21	22029.455	149.200	142	95.1	NO		
86	93	13C2-PFHxDA-EIS	815 > 769.7	25212.395		1.00	6.63	25212.395	12.500	12.0	95.6	NO		
87	93	13C2-PFHxDA-EIS	815 > 769.7	25212.395		1.00	6.63	25212.395	12.500	12.0	95.6	NO		
88	95	d7-N-MeFOSE-EIS	623.1 > 58.9	19306.602		1.00	6.34	19306.602	149.200	143	96.0	NO		
89	97	d9-N-EtFOSE-EIS	639.2 > 58.8	20422.244		1.00	6.48	20422.244	149.200	137	92.0	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8			1.00			12.500			NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 98.9			1.00			12.500			NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	3189.258		1.00	3.59		12.500			NO		
94	56	13C2-4:2 FTS-RSD	329.0 >80.8			1.00			12.500			NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0			1.00			12.500			NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	13649.274		1.00	3.98		12.500			NO		
97	62	13C3-PFHxS-RSD	402 > 80			1.00			12.500			NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.7	1567.986	19.889	1.00	4.45	985.461	12.500	2080	16676.0	YES		
99	66	13C5-PFNA-RSD	468.2 > 422.9			1.00			12.500			NO		
100	68	13C8-PFOSA-RSD	506 > 78	7728.135		1.00	4.98		12.500			NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	15770.835	8.783	1.00	4.50	22445.114	12.500	20500	16418...	YES		
102	72	13C8-PFOS-RSD	507.1 > 80	2919.588	19.889	1.00	5.02	1834.926	12.500	2100	16783.2	YES		
103	74	13C2-PFDA-RSD	515.1 > 469.9			1.00			12.500			NO		
104	-1													
105	76	13C2-8:2 FTS-RSD	529 > 80	1698.056	19.889	1.00	5.29	1067.208	12.500	2340	18699.8	YES		
106	78	d3-N-MeFOSAA-RSD	573.1 > 419			1.00			12.500			NO		
107	80	13C2-PFUdA-RSD	565 > 519.8			1.00			12.500			NO		
108	82	d5-N-EtFOSAA-RSD	589.3 > 419			1.00			12.500			NO		

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Tuesday, July 07, 2020 10:17:16 Pacific Daylight Time
Printed: Tuesday, July 07, 2020 10:17:38 Pacific Daylight Time

Name: 200706P1-29, Date: 06-Jul-2020, Time: 14:58:58, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	84	13C2-PFDoA-RSD	614.9 > 569.9			1.00			12.500			NO		
110	86	13C2-10:2 FTS-RSD	632.9 > 80.0	1352.273	19.889	1.00	5.89	849.888	12.500	2210	17709.6	YES		
111	88	d3-N-MeFOSA-RSD	515.2 > 168.9			1.00			149.200			NO		
112	90	13C2-PFTeDA-RSD	715.1 > 669.7			1.00			12.500			NO		
113	92	d5-N-ETFOSA-RSD	531.1 > 168.9			1.00			149.200			NO		
114	94	13C2-PFHxDA-RSD	815 > 769.7			1.00			12.500			NO		
115	96	d7-N-MeFOSE-RSD	623.1 > 58.9			1.00			149.200			NO		
116	98	d9-N-EtFOSE-RSD	639.2 > 58.8			1.00			149.200			NO		
117	-1													
118	99	13C4-PFBA	217.0 > 172.0	81.232	81.232	1.00	1.61	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9			1.00			12.500			NO		
120	1...	13C8-PFOA	420.9 > 376.0	8.783	8.783	1.00	4.50	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103			1.00			12.500			NO		
122	1...	13C9-PFNA	472.2 > 426.9			1.00			12.500			NO		
123	1...	13C4-PFOS	503 > 79.7	19.889	19.889	1.00	5.01	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7			1.00			12.500			NO		
125	1...	13C7-PFUdA	570.1 > 524.8			1.00			12.500			NO		

Vista Analytical Laboratory

Low point
3:3 FTCA 0.500

High point
3:3 FTCA 100.000
5:3 FTCA 100.000
7:3 FTCA 100.000
10:2 FTS 250.000

Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:11:31 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

VQA 07/09/20

Compound name: PFBA
Coefficient of Determination: R^2 = 0.999944
Calibration curve: -2.45274e-005 * x^2 + 1.43514 * x + -0.158591
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	1.36	56.186	4224.612	0.166	0.2	-9.5	NO	1.000	NO	bb
2	200708M1_4	Standard	0.500	1.33	161.286	4015.618	0.502	0.5	-7.9	NO	1.000	NO	bb
3	200708M1_5	Standard	1.000	1.33	446.266	4262.880	1.309	1.0	2.2	NO	1.000	NO	MM
4	200708M1_6	Standard	2.000	1.33	962.040	4104.572	2.930	2.2	7.6	NO	1.000	NO	bb
5	200708M1_7	Standard	5.000	1.33	2538.488	4222.024	7.516	5.3	7.0	NO	1.000	NO	bb
6	200708M1_8	Standard	10.000	1.33	4733.090	4129.345	14.328	10.1	1.0	NO	1.000	NO	MM
7	200708M1_9	Standard	50.000	1.33	24747.852	4330.505	71.435	49.9	-0.1	NO	1.000	NO	MM
8	200708M1_10	Standard	100.000	1.32	49231.840	4293.063	143.347	100.2	0.2	NO	1.000	NO	MM
9	200708M1_11	Standard	250.000	1.33	126032.906	4433.721	355.325	248.8	-0.5	NO	1.000	NO	MM
10	200708M1_12	Standard	500.000	1.33	243065.234	4266.586	712.119	500.6	0.1	NO	1.000	NO	MM

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999487
Calibration curve: 0.000605525 * x^2 + 1.66427 * x + 0.0215845
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	1.69	46.984	1433.960	0.410	0.2	-6.8	NO	0.999	NO	MM
2	200708M1_4	Standard	0.500	1.67	93.156	1546.529	0.753	0.4	-12.1	NO	0.999	NO	MM
3	200708M1_5	Standard	1.000	1.66	222.998	1426.921	1.953	1.2	16.0	NO	0.999	NO	MM
4	200708M1_6	Standard	2.000	1.66	449.354	1561.362	3.597	2.1	7.3	NO	0.999	NO	bb
5	200708M1_7	Standard	5.000	1.66	1096.906	1606.825	8.533	5.1	2.1	NO	0.999	NO	MM
6	200708M1_8	Standard	10.000	1.66	2030.237	1572.336	16.140	9.7	-3.5	NO	0.999	NO	db
7	200708M1_9	Standard	50.000	1.66	10754.090	1595.806	84.237	49.7	-0.6	NO	0.999	NO	bb
8	200708M1_10	Standard	100.000	1.66	21347.518	1472.415	181.229	104.9	4.9	NO	0.999	NO	MM
9	200708M1_11	Standard	250.000	1.66	52171.332	1479.010	440.931	243.4	-2.6	NO	0.999	NO	bb
10	200708M1_12	Standard	500.000	1.66	103390.008	1307.604	988.354	502.1	0.4	NO	0.999	NO	MM

FR 07/09/2020

Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
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Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.997805
Calibration curve: -2.80477e-005 * x^2 + 0.0722393 * x + -0.00526289
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	2.16	2.866	6383.618	0.006	0.2	-39.8	YES	0.998	NO	MMX
2	200708M1_4	Standard	0.500	2.14	20.301	6115.046	0.041	0.6	29.5	NO	0.998	NO	MM
3	200708M1_5	Standard	1.000	2.15	26.557	6165.953	0.054	0.8	-18.2	NO	0.998	NO	bb
4	200708M1_6	Standard	2.000	2.13	54.494	5992.168	0.114	1.6	-17.6	NO	0.998	NO	MM
5	200708M1_7	Standard	5.000	2.14	172.942	6480.353	0.334	4.7	-6.0	NO	0.998	NO	MM
6	200708M1_8	Standard	10.000	2.14	328.134	6113.215	0.671	9.4	-6.0	NO	0.998	NO	bb
7	200708M1_9	Standard	50.000	2.14	1873.661	6312.225	3.710	52.5	5.0	NO	0.998	NO	bb
8	200708M1_10	Standard	100.000	2.14	3308.887	6031.688	6.857	98.8	-1.2	NO	0.998	NO	MM
9	200708M1_11	Standard	250.000	2.14	1836.301	5875.857	3.906	55.3	-77.9	YES	0.998	NO	bbX
10	200708M1_12	Standard	500.000	2.14	3369.362	5719.269	7.364	106.4	-78.7	YES	0.998	NO	bbX

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999963
Calibration curve: -5.58971e-005 * x^2 + 0.965015 * x + -0.00198908
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	2.31	107.788	6383.618	0.211	0.2	-11.7	NO	1.000	NO	bb
2	200708M1_4	Standard	0.500	2.29	259.141	6115.046	0.530	0.6	10.2	NO	1.000	NO	MM
3	200708M1_5	Standard	1.000	2.29	467.598	6165.953	0.948	1.0	-1.6	NO	1.000	NO	MM
4	200708M1_6	Standard	2.000	2.28	955.663	5992.168	1.994	2.1	3.4	NO	1.000	NO	bb
5	200708M1_7	Standard	5.000	2.28	2458.284	6480.353	4.742	4.9	-1.7	NO	1.000	NO	bb
6	200708M1_8	Standard	10.000	2.28	4692.835	6113.215	9.596	10.0	-0.5	NO	1.000	NO	MM
7	200708M1_9	Standard	50.000	2.29	24508.508	6312.225	48.534	50.4	0.9	NO	1.000	NO	MM
8	200708M1_10	Standard	100.000	2.28	46573.855	6031.688	96.519	100.6	0.6	NO	1.000	NO	MM
9	200708M1_11	Standard	250.000	2.28	111018.352	5875.857	236.175	248.3	-0.7	NO	1.000	NO	MM
10	200708M1_12	Standard	500.000	2.28	214662.922	5719.269	469.166	500.7	0.1	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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Compound name: PFBS
Coefficient of Determination: R^2 = 0.999482
Calibration curve: 4.53883e-005 * x^2 + 1.9507 * x + 0.021584
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	2.59	62.478	1433.960	0.545	0.3	7.3	NO	0.999	NO	bb
2	200708M1_4	Standard	0.500	2.58	112.562	1546.529	0.910	0.5	-8.9	NO	0.999	NO	bb
3	200708M1_5	Standard	1.000	2.57	241.480	1426.921	2.115	1.1	7.3	NO	0.999	NO	bb
4	200708M1_6	Standard	2.000	2.57	488.849	1561.362	3.914	2.0	-0.2	NO	0.999	NO	bb
5	200708M1_7	Standard	5.000	2.57	1302.501	1606.825	10.133	5.2	3.7	NO	0.999	NO	bb
6	200708M1_8	Standard	10.000	2.58	2305.173	1572.336	18.326	9.4	-6.2	NO	0.999	NO	bb
7	200708M1_9	Standard	50.000	2.57	12274.558	1595.806	96.147	49.2	-1.6	NO	0.999	NO	bb
8	200708M1_10	Standard	100.000	2.57	24205.236	1472.415	205.489	105.1	5.1	NO	0.999	NO	MM
9	200708M1_11	Standard	250.000	2.57	56659.531	1479.010	478.864	244.1	-2.4	NO	0.999	NO	bb
10	200708M1_12	Standard	500.000	2.57	103639.594	1307.604	990.739	502.0	0.4	NO	0.999	NO	bb

Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.999906
Calibration curve: -0.000634083 * x^2 + 2.70215 * x + -0.170074
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	3.03	104.588	2630.104	0.497	0.2	-1.2	NO	1.000	NO	bb
2	200708M1_4	Standard	0.500	3.03	213.711	2566.757	1.041	0.4	-10.4	NO	1.000	NO	bb
3	200708M1_5	Standard	1.000	3.02	465.747	2393.222	2.433	1.0	-3.7	NO	1.000	NO	bb
4	200708M1_6	Standard	2.000	3.02	1200.305	2485.083	6.038	2.3	14.9	NO	1.000	NO	MM
5	200708M1_7	Standard	5.000	3.02	2853.147	2625.658	13.583	5.1	1.9	NO	1.000	NO	bb
6	200708M1_8	Standard	10.000	3.02	5501.762	2613.010	26.319	9.8	-1.7	NO	1.000	NO	bb
7	200708M1_9	Standard	50.000	3.02	26925.018	2529.080	133.077	49.9	-0.2	NO	1.000	NO	bb
8	200708M1_10	Standard	100.000	3.02	47189.660	2217.982	265.949	100.9	0.9	NO	1.000	NO	bb
9	200708M1_11	Standard	250.000	3.02	101577.273	2009.243	631.937	248.4	-0.6	NO	1.000	NO	bb
10	200708M1_12	Standard	500.000	3.02	176745.422	1850.555	1193.868	500.7	0.1	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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Compound name: PFHxA
Coefficient of Determination: R^2 = 0.999919
Calibration curve: -0.00022153 * x^2 + 1.13263 * x + 0.0316668
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	3.12	280.368	11634.622	0.301	0.2	-4.8	NO	1.000	NO	MM
2	200708M1_4	Standard	0.500	3.11	589.865	11649.563	0.633	0.5	6.2	NO	1.000	NO	bb
3	200708M1_5	Standard	1.000	3.11	1097.477	12087.724	1.135	1.0	-2.6	NO	1.000	NO	bb
4	200708M1_6	Standard	2.000	3.11	2126.756	12143.737	2.189	1.9	-4.7	NO	1.000	NO	bb
5	200708M1_7	Standard	5.000	3.11	5817.983	12106.397	6.007	5.3	5.6	NO	1.000	NO	MM
6	200708M1_8	Standard	10.000	3.11	10576.122	11780.965	11.222	9.9	-1.0	NO	1.000	NO	bb
7	200708M1_9	Standard	50.000	3.11	52523.035	11523.188	56.975	50.8	1.6	NO	1.000	NO	bb
8	200708M1_10	Standard	100.000	3.11	102277.680	11447.669	111.680	100.6	0.6	NO	1.000	NO	bb
9	200708M1_11	Standard	250.000	3.11	240422.328	11270.611	266.647	247.4	-1.1	NO	1.000	NO	bb
10	200708M1_12	Standard	500.000	3.11	451637.875	11024.046	512.105	501.3	0.3	NO	1.000	NO	bb

Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999448
Calibration curve: -0.000192851 * x^2 + 2.14905 * x + -0.0252405
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	3.32	51.589	1433.960	0.450	0.2	-11.6	NO	0.999	NO	bb
2	200708M1_4	Standard	0.500	3.31	128.277	1546.529	1.037	0.5	-1.2	NO	0.999	NO	bb
3	200708M1_5	Standard	1.000	3.31	210.934	1426.921	1.848	0.9	-12.8	NO	0.999	NO	bb
4	200708M1_6	Standard	2.000	3.32	600.518	1561.362	4.808	2.2	12.5	NO	0.999	NO	bb
5	200708M1_7	Standard	5.000	3.31	1535.330	1606.825	11.944	5.6	11.4	NO	0.999	NO	bb
6	200708M1_8	Standard	10.000	3.32	2596.242	1572.336	20.640	9.6	-3.8	NO	0.999	NO	MM
7	200708M1_9	Standard	50.000	3.32	13441.790	1595.806	105.290	49.2	-1.6	NO	0.999	NO	bb
8	200708M1_10	Standard	100.000	3.32	26151.914	1472.415	222.015	104.3	4.3	NO	0.999	NO	bb
9	200708M1_11	Standard	250.000	3.31	60632.605	1479.010	512.442	243.8	-2.5	NO	0.999	NO	MM
10	200708M1_12	Standard	500.000	3.31	107852.742	1307.604	1031.015	502.4	0.5	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.999703
Calibration curve: -0.000226809 * x^2 + 0.905113 * x + -0.0763897
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	3.34	8.901	967.822	0.115	0.2	-15.4	NO	1.000	NO	bb
2	200708M1_4	Standard	0.500	3.32	24.068	892.489	0.337	0.5	-8.6	NO	1.000	NO	bb
3	200708M1_5	Standard	1.000	3.33	58.742	905.845	0.811	1.0	-2.0	NO	1.000	NO	bb
4	200708M1_6	Standard	2.000	3.33	142.851	918.964	1.943	2.2	11.6	NO	1.000	NO	bb
5	200708M1_7	Standard	5.000	3.33	345.179	869.324	4.963	5.6	11.5	NO	1.000	NO	bb
6	200708M1_8	Standard	10.000	3.34	684.792	911.709	9.389	10.5	4.9	NO	1.000	NO	bb
7	200708M1_9	Standard	50.000	3.34	2983.796	833.963	44.723	50.1	0.3	NO	1.000	NO	bb
8	200708M1_10	Standard	100.000	3.34	5610.826	819.392	85.594	97.0	-3.0	NO	1.000	NO	bb
9	200708M1_11	Standard	250.000	3.33	14356.602	839.285	213.822	252.3	0.9	NO	1.000	NO	bb
10	200708M1_12	Standard	500.000	3.34	25335.158	800.998	395.369	499.4	-0.1	NO	1.000	NO	bb

Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.998709
Calibration curve: -0.000464645 * x^2 + 0.369072 * x + -0.0327699
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	3.67	38.261	7137.632	0.067	0.3	8.2	NO	0.999	NO	MM
2	200708M1_4	Standard	0.500	3.67	92.920	7011.945	0.166	0.5	7.6	NO	0.999	NO	MM
3	200708M1_5	Standard	1.000	3.66	194.237	7304.971	0.332	1.0	-0.9	NO	0.999	NO	bb
4	200708M1_6	Standard	2.000	3.66	381.597	7091.787	0.673	1.9	-4.2	NO	0.999	NO	MM
5	200708M1_7	Standard	5.000	3.66	987.915	7337.285	1.683	4.7	-6.5	NO	0.999	NO	bb
6	200708M1_8	Standard	10.000	3.67	1917.178	7171.378	3.342	9.3	-7.5	NO	0.999	NO	bb
7	200708M1_9	Standard	50.000	3.67	9641.234	6697.738	17.993	52.3	4.6	NO	0.999	NO	bb
8	200708M1_10	Standard	100.000	3.66	17108.955	6705.330	31.894	98.8	-1.2	NO	0.999	NO	bb
9	200708M1_11	Standard	250.000	3.66	9933.616	6544.493	18.973	55.4	-77.9	YES	0.999	NO	bbX
10	200708M1_12	Standard	500.000	3.66	18022.332	5627.643	40.031	129.7	-74.1	YES	0.999	NO	bbX

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Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999123
Calibration curve: 0.000161526 * x^2 + 1.15899 * x + 0.0915454
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	3.73	172.888	7137.632	0.303	0.2	-27.1	NO	0.999	NO	bb
2	200708M1_4	Standard	0.500	3.72	395.591	7011.945	0.705	0.5	5.9	NO	0.999	NO	bb
3	200708M1_5	Standard	1.000	3.72	715.563	7304.971	1.224	1.0	-2.3	NO	0.999	NO	bb
4	200708M1_6	Standard	2.000	3.72	1435.083	7091.787	2.529	2.1	5.1	NO	0.999	NO	bb
5	200708M1_7	Standard	5.000	3.72	3794.964	7337.285	6.465	5.5	9.9	NO	0.999	NO	MM
6	200708M1_8	Standard	10.000	3.72	6883.516	7171.378	11.998	10.3	2.6	NO	0.999	NO	MM
7	200708M1_9	Standard	50.000	3.73	33902.633	6697.738	63.273	54.1	8.2	NO	0.999	NO	bb
8	200708M1_10	Standard	100.000	3.72	63468.852	6705.330	118.318	100.6	0.6	NO	0.999	NO	bb
9	200708M1_11	Standard	250.000	3.72	150932.172	6544.493	288.281	240.6	-3.8	NO	0.999	NO	bb
10	200708M1_12	Standard	500.000	3.72	281452.625	5627.643	625.157	503.9	0.8	NO	0.999	NO	bb

Compound name: ADONA
Coefficient of Determination: R^2 = 0.999208
Calibration curve: 0.000851872 * x^2 + 4.75939 * x + 0.256802
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	3.84	753.099	7137.632	1.319	0.2	-10.7	NO	0.999	NO	MM
2	200708M1_4	Standard	0.500	3.83	1383.580	7011.945	2.466	0.5	-7.2	NO	0.999	NO	bb
3	200708M1_5	Standard	1.000	3.83	2958.854	7304.971	5.063	1.0	1.0	NO	0.999	NO	bb
4	200708M1_6	Standard	2.000	3.83	5558.796	7091.787	9.798	2.0	0.2	NO	0.999	NO	bb
5	200708M1_7	Standard	5.000	3.83	15544.865	7337.285	26.483	5.5	10.1	NO	0.999	NO	MM
6	200708M1_8	Standard	10.000	3.83	27628.805	7171.378	48.158	10.0	0.5	NO	0.999	NO	MM
7	200708M1_9	Standard	50.000	3.84	140703.047	6697.738	262.594	54.6	9.2	NO	0.999	NO	MM
8	200708M1_10	Standard	100.000	3.83	258505.188	6705.330	481.902	99.4	-0.6	NO	0.999	NO	MM
9	200708M1_11	Standard	250.000	3.83	629883.438	6544.493	1203.079	242.2	-3.1	NO	0.999	NO	MM
10	200708M1_12	Standard	500.000	3.83	1175665.250	5627.643	2611.362	503.3	0.7	NO	0.999	NO	MM

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Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.999856
Calibration curve: -3.04277e-006 * x^2 + 1.09027 * x + 0.00990427
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	3.88	75.319	3574.113	0.263	0.2	-7.0	NO	1.000	NO	bb
2	200708M1_4	Standard	0.500	3.87	152.969	3402.460	0.562	0.5	1.3	NO	1.000	NO	MM
3	200708M1_5	Standard	1.000	3.87	306.916	3530.494	1.087	1.0	-1.2	NO	1.000	NO	MM
4	200708M1_6	Standard	2.000	3.87	612.166	3420.392	2.237	2.0	2.1	NO	1.000	NO	MM
5	200708M1_7	Standard	5.000	3.87	1589.229	3292.697	6.033	5.5	10.5	NO	1.000	NO	MM
6	200708M1_8	Standard	10.000	3.87	3077.490	3611.179	10.653	9.8	-2.4	NO	1.000	NO	MM
7	200708M1_9	Standard	50.000	3.87	15667.198	3518.517	55.660	51.0	2.1	NO	1.000	NO	MM
8	200708M1_10	Standard	100.000	3.87	30142.725	3529.354	106.757	97.9	-2.1	NO	1.000	NO	MM
9	200708M1_11	Standard	250.000	3.87	69945.453	3199.540	273.264	250.8	0.3	NO	1.000	NO	MM
10	200708M1_12	Standard	500.000	3.87	131067.266	3010.086	544.284	499.9	-0.0	NO	1.000	NO	MM

Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.999819
Calibration curve: -0.000360108 * x^2 + 2.90597 * x + 0.0788564
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	4.19	137.939	2107.039	0.818	0.3	1.8	NO	1.000	NO	bb
2	200708M1_4	Standard	0.500	4.18	238.045	2354.077	1.264	0.4	-18.4	NO	1.000	NO	bb
3	200708M1_5	Standard	1.000	4.18	512.851	2150.676	2.981	1.0	-0.1	NO	1.000	NO	bb
4	200708M1_6	Standard	2.000	4.18	1037.286	2102.670	6.166	2.1	4.8	NO	1.000	NO	bb
5	200708M1_7	Standard	5.000	4.18	2819.331	2106.546	16.730	5.7	14.7	NO	1.000	NO	bb
6	200708M1_8	Standard	10.000	4.18	5448.858	2379.363	28.626	9.8	-1.6	NO	1.000	NO	bb
7	200708M1_9	Standard	50.000	4.19	24106.596	2088.563	144.277	49.9	-0.1	NO	1.000	NO	bb
8	200708M1_10	Standard	100.000	4.18	46811.301	2063.404	283.581	98.8	-1.2	NO	1.000	NO	bb
9	200708M1_11	Standard	250.000	4.18	101637.594	1797.759	706.696	251.0	0.4	NO	1.000	NO	bb
10	200708M1_12	Standard	500.000	4.18	178046.500	1633.542	1362.427	499.8	-0.0	NO	1.000	NO	bb

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Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999446
Calibration curve: -0.000202942 * x^2 + 1.48998 * x + 0.074726
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	4.24	530.449	15383.038	0.431	0.2	-4.3	NO	0.999	NO	bb
2	200708M1_4	Standard	0.500	4.24	929.894	15121.468	0.769	0.5	-6.8	NO	0.999	NO	bb
3	200708M1_5	Standard	1.000	4.24	1887.215	15115.195	1.561	1.0	-0.3	NO	0.999	NO	MM
4	200708M1_6	Standard	2.000	4.24	3733.738	15022.593	3.107	2.0	1.8	NO	0.999	NO	bb
5	200708M1_7	Standard	5.000	4.24	9897.853	16263.055	7.608	5.1	1.2	NO	0.999	NO	MM
6	200708M1_8	Standard	10.000	4.24	17823.451	14197.515	15.692	10.5	5.0	NO	0.999	NO	bb
7	200708M1_9	Standard	50.000	4.24	89523.711	14560.156	76.857	51.9	3.8	NO	0.999	NO	bb
8	200708M1_10	Standard	100.000	4.24	165940.641	13771.166	150.623	102.5	2.5	NO	0.999	NO	bb
9	200708M1_11	Standard	250.000	4.24	368728.094	13261.692	347.550	241.1	-3.5	NO	0.999	NO	bb
10	200708M1_12	Standard	500.000	4.24	659303.875	11781.938	699.486	504.0	0.8	NO	0.999	NO	bb

Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999707
Calibration curve: 6.12191e-005 * x^2 + 0.456858 * x + -0.00362987
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	4.26	105.797	15383.038	0.086	0.2	-21.6	NO	1.000	NO	bb
2	200708M1_4	Standard	0.500	4.26	295.240	15121.468	0.244	0.5	8.4	NO	1.000	NO	bb
3	200708M1_5	Standard	1.000	4.25	555.806	15115.195	0.460	1.0	1.4	NO	1.000	NO	bb
4	200708M1_6	Standard	2.000	4.26	1151.066	15022.593	0.958	2.1	5.2	NO	1.000	NO	bb
5	200708M1_7	Standard	5.000	4.25	2860.278	16263.055	2.198	4.8	-3.7	NO	1.000	NO	MM
6	200708M1_8	Standard	10.000	4.26	5392.121	14197.515	4.747	10.4	3.8	NO	1.000	NO	bb
7	200708M1_9	Standard	50.000	4.26	27795.326	14560.156	23.862	51.9	3.8	NO	1.000	NO	MM
8	200708M1_10	Standard	100.000	4.26	51648.672	13771.166	46.881	101.3	1.3	NO	1.000	NO	MM
9	200708M1_11	Standard	250.000	4.26	122278.844	13261.692	115.256	244.3	-2.3	NO	1.000	NO	MM
10	200708M1_12	Standard	500.000	4.26	230844.609	11781.938	244.914	502.3	0.5	NO	1.000	NO	MM

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Compound name: PFHpS
Coefficient of Determination: R^2 = 0.999127
Calibration curve: -0.000406738 * x^2 + 1.04678 * x + -0.109167
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	4.36	49.381	3624.104	0.170	0.3	6.8	NO	0.999	NO	bb
2	200708M1_4	Standard	0.500	4.35	137.948	4084.891	0.422	0.5	1.5	NO	0.999	NO	bb
3	200708M1_5	Standard	1.000	4.35	309.259	3942.368	0.981	1.0	4.1	NO	0.999	NO	bb
4	200708M1_6	Standard	2.000	4.35	614.549	3716.018	2.067	2.1	4.0	NO	0.999	NO	bb
5	200708M1_7	Standard	5.000	4.35	1557.603	3926.336	4.959	4.9	-3.0	NO	0.999	NO	MM
6	200708M1_8	Standard	10.000	4.35	2911.066	4020.793	9.050	8.8	-12.2	NO	0.999	NO	MM
7	200708M1_9	Standard	50.000	4.35	14596.778	3804.877	47.954	46.8	-6.5	NO	0.999	NO	bb
8	200708M1_10	Standard	100.000	4.35	26889.334	3182.716	105.607	105.3	5.3	NO	0.999	NO	bb
9	200708M1_11	Standard	250.000	4.35	62339.492	3296.974	236.351	250.2	0.1	NO	0.999	NO	bb
10	200708M1_12	Standard	500.000	4.35	115162.750	3420.646	420.837	498.8	-0.2	NO	0.999	NO	bb

Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.998657
Calibration curve: -0.000748409 * x^2 + 0.364478 * x + -0.0409883
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	4.67	69.350	13873.641	0.062	0.3	13.6	NO	0.999	NO	bb
2	200708M1_4	Standard	0.500	4.67	127.789	14484.119	0.110	0.4	-16.9	NO	0.999	NO	bb
3	200708M1_5	Standard	1.000	4.66	394.589	13475.180	0.366	1.1	11.9	NO	0.999	NO	bb
4	200708M1_6	Standard	2.000	4.66	621.424	14082.285	0.552	1.6	-18.4	NO	0.999	NO	bb
5	200708M1_7	Standard	5.000	4.66	2117.565	13623.771	1.943	5.5	10.1	NO	0.999	NO	bb
6	200708M1_8	Standard	10.000	4.67	3600.365	12686.143	3.548	10.1	0.5	NO	0.999	NO	bb
7	200708M1_9	Standard	50.000	4.67	17755.395	13744.028	16.148	49.4	-1.1	NO	0.999	NO	bb
8	200708M1_10	Standard	100.000	4.66	32182.752	13873.766	28.996	100.3	0.3	NO	0.999	NO	bb
9	200708M1_11	Standard	250.000	4.66	18438.516	12415.451	18.564	57.9	-76.8	YES	0.999	NO	bdX
10	200708M1_12	Standard	500.000	4.66	31311.596	11588.029	33.776	124.7	-75.1	YES	0.999	NO	bbX

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Compound name: PFNA
Coefficient of Determination: R^2 = 0.999369
Calibration curve: -0.000108408 * x^2 + 1.20904 * x + 0.0784965
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	4.68	377.912	13873.641	0.340	0.2	-13.3	NO	0.999	NO	bb
2	200708M1_4	Standard	0.500	4.68	718.886	14484.119	0.620	0.4	-10.4	NO	0.999	NO	bb
3	200708M1_5	Standard	1.000	4.68	1304.425	13475.180	1.210	0.9	-6.4	NO	0.999	NO	MM
4	200708M1_6	Standard	2.000	4.68	3071.999	14082.285	2.727	2.2	9.5	NO	0.999	NO	MM
5	200708M1_7	Standard	5.000	4.68	7198.515	13623.771	6.605	5.4	8.0	NO	0.999	NO	bb
6	200708M1_8	Standard	10.000	4.68	13541.249	12686.143	13.343	11.0	9.8	NO	0.999	NO	MM
7	200708M1_9	Standard	50.000	4.68	70578.148	13744.028	64.190	53.3	6.6	NO	0.999	NO	MM
8	200708M1_10	Standard	100.000	4.68	129990.336	13873.766	117.11[illegible]	97.7	-2.3	NO	0.999	NO	bb
9	200708M1_11	Standard	250.000	4.68	287599.656	12415.451	289.558	244.8	-2.1	NO	0.999	NO	bb
10	200708M1_12	Standard	500.000	4.68	538272.688	11588.029	580.634	502.9	0.6	NO	0.999	NO	bb

Compound name: PFOSA
Coefficient of Determination: R^2 = 0.996985
Calibration curve: -6.61679e-006 * x^2 + 0.930233 * x + 0.0409936
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	4.73	114.076	5463.006	0.261	0.2	-5.4	NO	0.997	NO	bb
2	200708M1_4	Standard	0.500	4.73	234.313	5642.624	0.519	0.5	2.8	NO	0.997	NO	bb
3	200708M1_5	Standard	1.000	4.72	447.325	5325.613	1.050	1.1	8.5	NO	0.997	NO	bb
4	200708M1_6	Standard	2.000	4.72	792.411	5609.417	1.766	1.9	-7.3	NO	0.997	NO	bb
5	200708M1_7	Standard	5.000	4.73	2053.707	5283.587	4.859	5.2	3.6	NO	0.997	NO	MM
6	200708M1_8	Standard	10.000	4.73	4385.210	5642.816	9.714	10.4	4.0	NO	0.997	NO	MM
7	200708M1_9	Standard	50.000	4.73	21808.570	5129.466	53.145	57.1	14.2	NO	0.997	NO	bb
8	200708M1_10	Standard	100.000	4.73	40669.820	5294.822	96.013	103.2	3.2	NO	0.997	NO	bb
9	200708M1_11	Standard	250.000	4.73	93226.586	5432.302	214.519	230.9	-7.6	NO	0.997	NO	bb
10	200708M1_12	Standard	500.000	4.73	192519.297	5108.629	471.064	508.2	1.6	NO	0.997	NO	bb

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Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.998269
Calibration curve: -0.000208886 * x^2 + 1.12935 * x + -0.0982756
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	4.76	77.372	3624.104	0.267	0.3	29.3	NO	0.998	NO	MM
2	200708M1_4	Standard	0.500	4.76	160.711	4084.891	0.492	0.5	4.5	NO	0.998	NO	MM
3	200708M1_5	Standard	1.000	4.76	318.368	3942.368	1.009	1.0	-1.9	NO	0.998	NO	MM
4	200708M1_6	Standard	2.000	4.76	578.895	3716.018	1.947	1.8	-9.4	NO	0.998	NO	MM
5	200708M1_7	Standard	5.000	4.76	1702.192	3926.336	5.419	4.9	-2.2	NO	0.998	NO	MM
6	200708M1_8	Standard	10.000	4.76	3071.044	4020.793	9.547	8.6	-14.5	NO	0.998	NO	MM
7	200708M1_9	Standard	50.000	4.76	15003.946	3804.877	49.292	44.1	-11.8	NO	0.998	NO	MM
8	200708M1_10	Standard	100.000	4.76	29058.938	3182.716	114.128	103.1	3.1	NO	0.998	NO	MM
9	200708M1_11	Standard	250.000	4.76	73656.953	3296.974	279.260	259.9	3.9	NO	0.998	NO	MM
10	200708M1_12	Standard	500.000	4.76	138832.328	3420.646	507.332	494.5	-1.1	NO	0.998	NO	MM

Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.998215
Calibration curve: -0.00107349 * x^2 + 4.28144 * x + -0.342553
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	4.98	263.643	3624.104	0.909	0.3	17.0	NO	0.998	NO	MM
2	200708M1_4	Standard	0.500	4.98	588.206	4084.891	1.800	0.5	0.1	NO	0.998	NO	bb
3	200708M1_5	Standard	1.000	4.98	1060.177	3942.368	3.361	0.9	-13.5	NO	0.998	NO	MM
4	200708M1_6	Standard	2.000	4.98	2297.706	3716.018	7.729	1.9	-5.7	NO	0.998	NO	bb
5	200708M1_7	Standard	5.000	4.98	5976.602	3926.336	19.027	4.5	-9.4	NO	0.998	NO	MM
6	200708M1_8	Standard	10.000	4.98	11335.010	4020.793	35.239	8.3	-16.7	NO	0.998	NO	MM
7	200708M1_9	Standard	50.000	4.98	57378.188	3804.877	188.502	44.6	-10.8	NO	0.998	NO	MM
8	200708M1_10	Standard	100.000	4.98	111445.242	3182.716	437.697	105.1	5.1	NO	0.998	NO	MM
9	200708M1_11	Standard	250.000	4.98	271722.656	3296.974	1030.197	257.3	2.9	NO	0.998	NO	MM
10	200708M1_12	Standard	500.000	4.98	508079.625	3420.646	1856.665	495.2	-1.0	NO	0.998	NO	MM

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Compound name: PFDA
Coefficient of Determination: R^2 = 0.998619
Calibration curve: 0.000218247 * x^2 + 1.38933 * x + 0.132785
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	5.05	417.451	13583.881	0.384	0.2	-27.6	NO	0.999	NO	db
2	200708M1_4	Standard	0.500	5.05	866.360	13046.135	0.830	0.5	0.4	NO	0.999	NO	MM
3	200708M1_5	Standard	1.000	5.05	1549.310	12876.094	1.504	1.0	-1.3	NO	0.999	NO	bb
4	200708M1_6	Standard	2.000	5.05	3319.912	14427.406	2.876	2.0	-1.3	NO	0.999	NO	MM
5	200708M1_7	Standard	5.000	5.05	8949.867	14156.875	7.902	5.6	11.7	NO	0.999	NO	bb
6	200708M1_8	Standard	10.000	5.05	16674.758	13010.949	16.020	11.4	14.1	NO	0.999	NO	bb
7	200708M1_9	Standard	50.000	5.05	79737.922	13622.944	73.165	52.1	4.3	NO	0.999	NO	bb
8	200708M1_10	Standard	100.000	5.05	157434.641	13408.032	146.773	103.9	3.9	NO	0.999	NO	bb
9	200708M1_11	Standard	250.000	5.05	362344.938	13257.416	341.644	237.0	-5.2	NO	0.999	NO	MM
10	200708M1_12	Standard	500.000	5.05	683544.188	11277.535	757.639	505.1	1.0	NO	0.999	NO	MM

Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.999564
Calibration curve: -0.00103508 * x^2 + 2.55836 * x + -0.166582
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	5.03	105.541	2320.950	0.568	0.3	14.9	NO	1.000	NO	bb
2	200708M1_4	Standard	0.500	5.03	261.485	2335.965	1.399	0.6	22.4	NO	1.000	NO	bb
3	200708M1_5	Standard	1.000	5.02	456.039	2490.952	2.288	1.0	-4.0	NO	1.000	NO	bb
4	200708M1_6	Standard	2.000	5.02	817.531	2306.375	4.431	1.8	-10.1	NO	1.000	NO	MM
5	200708M1_7	Standard	5.000	5.03	1840.475	2270.678	10.132	4.0	-19.4	NO	1.000	NO	bb
6	200708M1_8	Standard	10.000	5.03	4742.079	2473.878	23.961	9.5	-5.3	NO	1.000	NO	bb
7	200708M1_9	Standard	50.000	5.03	21829.639	2185.153	124.875	49.9	-0.2	NO	1.000	NO	bb
8	200708M1_10	Standard	100.000	5.02	41519.000	2092.471	248.026	101.2	1.2	NO	1.000	NO	bb
9	200708M1_11	Standard	250.000	5.03	97137.102	2097.374	578.921	252.1	0.8	NO	1.000	NO	MM
10	200708M1_12	Standard	500.000	5.02	163944.406	2013.689	1017.687	498.3	-0.3	NO	1.000	NO	MM

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Compound name: PFNS
Correlation coefficient: r = 0.995855, r^2 = 0.991727
Calibration curve: 1.05308 * x + 0.0279789
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	5.12	93.932	3624.104	0.324	0.3	12.4	NO	0.992	NO	bb
2	200708M1_4	Standard	0.500	5.12	150.735	4084.891	0.461	0.4	-17.7	NO	0.992	NO	bb
3	200708M1_5	Standard	1.000	5.12	317.330	3942.368	1.006	0.9	-7.1	NO	0.992	NO	bb
4	200708M1_6	Standard	2.000	5.12	621.759	3716.018	2.091	2.0	-2.0	NO	0.992	NO	bb
5	200708M1_7	Standard	5.000	5.12	1794.086	3926.336	5.712	5.4	7.9	NO	0.992	NO	bb
6	200708M1_8	Standard	10.000	5.12	3356.325	4020.793	10.434	9.9	-1.2	NO	0.992	NO	MM
7	200708M1_9	Standard	50.000	5.12	15966.490	3804.877	52.454	49.8	-0.4	NO	0.992	NO	MM
8	200708M1_10	Standard	100.000	5.12	31890.721	3182.716	125.250	118.9	18.9	NO	0.992	NO	MM
9	200708M1_11	Standard	250.000	5.12	74399.406	3296.974	282.075	267.8	7.1	NO	0.992	NO	MM
10	200708M1_12	Standard	500.000	5.12	133539.563	3420.646	487.991	463.4	-7.3	NO	0.992	NO	MM

Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.999486
Calibration curve: -0.000301068 * x^2 + 0.938721 * x + -0.0850125
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	5.21	162.672	11602.693	0.175	0.3	10.9	NO	0.999	NO	bb
2	200708M1_4	Standard	0.500	5.21	357.937	10595.119	0.422	0.5	8.1	NO	0.999	NO	MM
3	200708M1_5	Standard	1.000	5.20	782.850	10904.561	0.897	1.0	4.7	NO	0.999	NO	MM
4	200708M1_6	Standard	2.000	5.20	1637.121	11948.095	1.713	1.9	-4.2	NO	0.999	NO	MM
5	200708M1_7	Standard	5.000	5.20	4139.523	12112.977	4.272	4.6	-7.0	NO	0.999	NO	MM
6	200708M1_8	Standard	10.000	5.21	7539.070	11400.199	8.266	8.9	-10.8	NO	0.999	NO	MM
7	200708M1_9	Standard	50.000	5.21	40298.184	11441.656	44.026	47.7	-4.6	NO	0.999	NO	MM
8	200708M1_10	Standard	100.000	5.21	78360.063	10659.506	91.890	101.3	1.3	NO	0.999	NO	MM
9	200708M1_11	Standard	250.000	5.21	182788.859	10371.950	220.292	255.7	2.3	NO	0.999	NO	MM
10	200708M1_12	Standard	500.000	5.20	338180.781	10790.436	391.760	496.5	-0.7	NO	0.999	NO	MM

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999537
Calibration curve: 7.17937e-005 * x^2 + 0.936702 * x + -0.0657425
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	5.36	152.626	10401.877	0.183	0.3	6.4	NO	1.000	NO	bb
2	200708M1_4	Standard	0.500	5.36	247.160	10491.100	0.294	0.4	-23.1	NO	1.000	NO	MM
3	200708M1_5	Standard	1.000	5.36	811.794	9931.490	1.022	1.2	16.1	NO	1.000	NO	MM
4	200708M1_6	Standard	2.000	5.36	1550.686	10910.122	1.777	2.0	-1.7	NO	1.000	NO	MM
5	200708M1_7	Standard	5.000	5.36	4166.655	10982.324	4.742	5.1	2.6	NO	1.000	NO	MM
6	200708M1_8	Standard	10.000	5.36	7553.916	10611.752	8.898	9.6	-4.4	NO	1.000	NO	MM
7	200708M1_9	Standard	50.000	5.37	38440.309	9894.964	48.560	51.7	3.4	NO	1.000	NO	MM
8	200708M1_10	Standard	100.000	5.36	72189.664	9299.229	97.037	102.9	2.9	NO	1.000	NO	MM
9	200708M1_11	Standard	250.000	5.36	162626.250	8767.435	231.861	243.1	-2.8	NO	1.000	NO	MM
10	200708M1_12	Standard	500.000	5.36	287828.406	7359.014	488.905	502.6	0.5	NO	1.000	NO	MM

Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999709
Calibration curve: -0.000252446 * x^2 + 0.928535 * x + 0.0483564
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	5.38	383.376	20451.197	0.234	0.2	-19.9	NO	1.000	NO	MM
2	200708M1_4	Standard	0.500	5.38	808.256	19304.012	0.523	0.5	2.3	NO	1.000	NO	MM
3	200708M1_5	Standard	1.000	5.38	1822.183	21243.359	1.072	1.1	10.3	NO	1.000	NO	MM
4	200708M1_6	Standard	2.000	5.38	3508.501	20844.371	2.104	2.2	10.8	NO	1.000	NO	MM
5	200708M1_7	Standard	5.000	5.38	8197.434	21268.732	4.818	5.1	2.9	NO	1.000	NO	MM
6	200708M1_8	Standard	10.000	5.38	15791.826	22730.596	8.684	9.3	-6.8	NO	1.000	NO	bb
7	200708M1_9	Standard	50.000	5.38	77816.758	21562.986	45.110	49.2	-1.6	NO	1.000	NO	MM
8	200708M1_10	Standard	100.000	5.38	151315.781	20334.959	93.015	103.0	3.0	NO	1.000	NO	MM
9	200708M1_11	Standard	250.000	5.38	335901.781	19625.184	213.948	246.9	-1.2	NO	1.000	NO	MM
10	200708M1_12	Standard	500.000	5.38	606830.875	18869.654	401.989	501.2	0.2	NO	1.000	NO	MM

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Compound name: PFDS
Coefficient of Determination: R^2 = 0.999009
Calibration curve: -0.000267848 * x^2 + 0.993901 * x + -0.103766
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	5.43	59.246	3624.104	0.204	0.3	24.0	NO	0.999	NO	bb
2	200708M1_4	Standard	0.500	5.42	133.676	4084.891	0.409	0.5	3.2	NO	0.999	NO	bb
3	200708M1_5	Standard	1.000	5.42	302.063	3942.368	0.958	1.1	6.8	NO	0.999	NO	bb
4	200708M1_6	Standard	2.000	5.43	470.919	3716.018	1.584	1.7	-15.1	NO	0.999	NO	bb
5	200708M1_7	Standard	5.000	5.42	1426.045	3926.336	4.540	4.7	-6.4	NO	0.999	NO	bb
6	200708M1_8	Standard	10.000	5.43	2820.366	4020.793	8.768	8.9	-10.5	NO	0.999	NO	bb
7	200708M1_9	Standard	50.000	5.43	13759.085	3804.877	45.202	46.2	-7.7	NO	0.999	NO	bb
8	200708M1_10	Standard	100.000	5.43	25843.967	3182.716	101.501	105.2	5.2	NO	0.999	NO	bb
9	200708M1_11	Standard	250.000	5.43	61581.320	3296.974	233.477	252.1	0.9	NO	0.999	NO	MM
10	200708M1_12	Standard	500.000	5.43	117227.055	3420.646	428.381	497.9	-0.4	NO	0.999	NO	MM

Compound name: 11Cl-PF30UdS
Coefficient of Determination: R^2 = 0.999232
Calibration curve: 7.12391e-005 * x^2 + 0.558434 * x + -0.00287677
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	5.59	249.260	24685.057	0.126	0.2	-7.5	NO	0.999	NO	bb
2	200708M1_4	Standard	0.500	5.59	505.303	24832.939	0.254	0.5	-7.9	NO	0.999	NO	bb
3	200708M1_5	Standard	1.000	5.59	1126.832	22634.844	0.622	1.1	11.9	NO	0.999	NO	bb
4	200708M1_6	Standard	2.000	5.59	2252.228	23433.711	1.201	2.2	7.8	NO	0.999	NO	MM
5	200708M1_7	Standard	5.000	5.59	5577.621	25206.643	2.766	5.0	-0.9	NO	0.999	NO	bb
6	200708M1_8	Standard	10.000	5.59	10384.126	25213.928	5.148	9.2	-7.9	NO	0.999	NO	bb
7	200708M1_9	Standard	50.000	5.60	51651.445	23307.668	27.701	49.3	-1.4	NO	0.999	NO	bb
8	200708M1_10	Standard	100.000	5.59	108337.945	22526.367	60.117	106.2	6.2	NO	0.999	NO	MM
9	200708M1_11	Standard	250.000	5.59	252326.875	22571.195	139.739	242.7	-2.9	NO	0.999	NO	MM
10	200708M1_12	Standard	500.000	5.59	471396.531	19739.012	298.518	502.4	0.5	NO	0.999	NO	bb

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Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.995236
Calibration curve: 0.00207431 * x^2 + 3.20121 * x + 0.0309863
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	5.65	122.465	1907.041	0.803	0.2	-3.6	NO	0.995	NO	bb
2	200708M1_4	Standard	0.500	5.65	251.489	1892.128	1.661	0.5	1.8	NO	0.995	NO	bb
3	200708M1_5	Standard	1.000	5.65	458.923	1816.619	3.158	1.0	-2.4	NO	0.995	NO	bb
4	200708M1_6	Standard	2.000	5.65	904.215	1778.766	6.354	2.0	-1.4	NO	0.995	NO	MM
5	200708M1_7	Standard	5.000	5.65	2203.378	1879.865	14.651	4.6	-8.9	NO	0.995	NO	MM
6	200708M1_8	Standard	10.000	5.65	4559.333	1553.441	36.687	11.4	13.7	NO	0.995	NO	MM
7	200708M1_9	Standard	50.000	5.65	21087.838	1401.547	188.076	56.7	13.3	NO	0.995	NO	bb
8	200708M1_10	Standard	100.000	5.65	37469.352	1530.535	306.015	90.3	-9.7	NO	0.995	NO	MM
9	200708M1_11	Standard	250.000	5.65	81754.516	1088.063	939.221	252.2	0.9	NO	0.995	NO	MM
10	200708M1_12	Standard	500.000	5.65	139487.641	1319.063	1321.844	338.6	-32.3	YES	0.995	NO	MMX

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.999112
Calibration curve: -0.000177253 * x^2 + 0.953102 * x + 0.178393
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	5.67	800.805	24685.057	0.406	0.2	-4.7	NO	0.999	NO	bb
2	200708M1_4	Standard	0.500	5.67	1278.823	24832.939	0.644	0.5	-2.3	NO	0.999	NO	bb
3	200708M1_5	Standard	1.000	5.66	2168.242	22634.844	1.197	1.1	6.9	NO	0.999	NO	MM
4	200708M1_6	Standard	2.000	5.66	3868.655	23433.711	2.064	2.0	-1.1	NO	0.999	NO	MM
5	200708M1_7	Standard	5.000	5.66	10466.561	25206.643	5.190	5.3	5.3	NO	0.999	NO	bb
6	200708M1_8	Standard	10.000	5.66	18206.041	25213.928	9.026	9.3	-7.0	NO	0.999	NO	bb
7	200708M1_9	Standard	50.000	5.67	88167.297	23307.668	47.284	49.9	-0.2	NO	0.999	NO	bb
8	200708M1_10	Standard	100.000	5.66	178887.250	22526.367	99.265	106.1	6.1	NO	0.999	NO	MM
9	200708M1_11	Standard	250.000	5.66	396256.844	22571.195	219.448	240.8	-3.7	NO	0.999	NO	MM
10	200708M1_12	Standard	500.000	5.66	687376.938	19739.012	435.291	503.7	0.7	NO	0.999	NO	MM

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Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999214
Calibration curve: -9.17873e-005 * x^2 + 1.05216 * x + 0.104052
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	1.250	5.66	120.119	14398.055	1.245	1.1	-13.3	NO	0.999	NO	bb
2	200708M1_4	Standard	2.500	5.65	284.452	15305.276	2.773	2.5	1.5	NO	0.999	NO	bb
3	200708M1_5	Standard	5.000	5.65	588.037	15925.755	5.509	5.1	2.8	NO	0.999	NO	bb
4	200708M1_6	Standard	10.000	5.65	1132.531	15590.763	10.838	10.2	2.1	NO	0.999	NO	bb
5	200708M1_7	Standard	25.000	5.65	3036.609	16173.507	28.013	26.6	6.3	NO	0.999	NO	bb
6	200708M1_8	Standard	50.000	5.66	5673.055	15453.874	54.771	52.2	4.4	NO	0.999	NO	MM
7	200708M1_9	Standard	250.000	5.65	28452.148	15560.982	272.802	265.3	6.1	NO	0.999	NO	MM
8	200708M1_10	Standard	500.000	5.65	53288.754	15666.606	507.492	504.4	0.9	NO	0.999	NO	MM
9	200708M1_11	Standard	1250.000	5.65	118249.094	15625.023	1129.135	1198.3	-4.1	NO	0.999	NO	bb
10	200708M1_12	Standard	2500.000	5.65	205012.859	14735.760	2075.761	2532.1	1.3	NO	0.999	NO	bb

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.999474
Calibration curve: -4.74084e-005 * x^2 + 0.920175 * x + 0.0452806
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	5.91	452.604	24685.057	0.229	0.2	-20.1	NO	0.999	NO	MM
2	200708M1_4	Standard	0.500	5.91	1001.422	24832.939	0.504	0.5	-0.3	NO	0.999	NO	MM
3	200708M1_5	Standard	1.000	5.91	1868.294	22634.844	1.032	1.1	7.2	NO	0.999	NO	bb
4	200708M1_6	Standard	2.000	5.91	3745.727	23433.711	1.998	2.1	6.1	NO	0.999	NO	MM
5	200708M1_7	Standard	5.000	5.91	9874.938	25206.643	4.897	5.3	5.5	NO	0.999	NO	MM
6	200708M1_8	Standard	10.000	5.91	18505.568	25213.928	9.174	9.9	-0.7	NO	0.999	NO	MM
7	200708M1_9	Standard	50.000	5.92	86313.742	23307.668	46.290	50.4	0.8	NO	0.999	NO	bb
8	200708M1_10	Standard	100.000	5.91	171662.078	22526.367	95.256	104.0	4.0	NO	0.999	NO	bb
9	200708M1_11	Standard	250.000	5.91	397237.781	22571.195	219.992	242.0	-3.2	NO	0.999	NO	MM
10	200708M1_12	Standard	500.000	5.91	712305.563	19739.012	451.077	503.2	0.6	NO	0.999	NO	MM

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Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999668
Calibration curve: -6.76627e-005 * x^2 + 0.280677 * x + -0.00867327
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	5.93	60.844	16557.852	0.046	0.2	-22.2	NO	1.000	NO	bb
2	200708M1_4	Standard	0.500	5.93	176.011	15860.128	0.139	0.5	5.0	NO	1.000	NO	bb
3	200708M1_5	Standard	1.000	5.93	364.495	15978.433	0.285	1.0	4.7	NO	1.000	NO	bb
4	200708M1_6	Standard	2.000	5.93	718.943	15343.263	0.586	2.1	5.9	NO	1.000	NO	bb
5	200708M1_7	Standard	5.000	5.93	2033.606	15831.176	1.606	5.8	15.2	NO	1.000	NO	MM
6	200708M1_8	Standard	10.000	5.94	3459.744	16520.268	2.618	9.4	-6.2	NO	1.000	NO	MM
7	200708M1_9	Standard	50.000	5.94	17410.916	16250.715	13.392	48.3	-3.4	NO	1.000	NO	MM
8	200708M1_10	Standard	100.000	5.93	34252.277	15613.823	27.421	100.1	0.1	NO	1.000	NO	MM
9	200708M1_11	Standard	250.000	5.94	78504.922	14746.160	66.547	252.5	1.0	NO	1.000	NO	MM
10	200708M1_12	Standard	500.000	5.94	146928.984	14914.077	123.146	498.7	-0.3	NO	1.000	NO	MM

Compound name: PFTeDA
Coefficient of Determination: R^2 = 0.998347
Calibration curve: -0.000244929 * x^2 + 1.42312 * x + 0.101619
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	6.12	515.827	16557.852	0.389	0.2	-19.1	NO	0.998	NO	bb
2	200708M1_4	Standard	0.500	6.13	1055.257	15860.128	0.832	0.5	2.6	NO	0.998	NO	bb
3	200708M1_5	Standard	1.000	6.13	1910.164	15978.433	1.494	1.0	-2.1	NO	0.998	NO	bb
4	200708M1_6	Standard	2.000	6.13	3863.044	15343.263	3.147	2.1	7.0	NO	0.998	NO	bb
5	200708M1_7	Standard	5.000	6.13	10723.322	15831.176	8.467	5.9	17.7	NO	0.998	NO	bb
6	200708M1_8	Standard	10.000	6.13	18431.779	16520.268	13.946	9.7	-2.6	NO	0.998	NO	bb
7	200708M1_9	Standard	50.000	6.13	92866.156	16250.715	71.432	50.6	1.1	NO	0.998	NO	bb
8	200708M1_10	Standard	100.000	6.13	160399.250	15613.823	128.411	91.6	-8.4	NO	0.998	NO	bb
9	200708M1_11	Standard	250.000	6.13	419530.594	14746.160	355.627	261.6	4.6	NO	0.998	NO	bb
10	200708M1_12	Standard	500.000	6.13	769723.000	14914.077	645.131	495.5	-0.9	NO	0.998	NO	bb

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Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999443
Calibration curve: -4.12301e-005 * x^2 + 0.843423 * x + 0.233393
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	1.250	6.09	171.671	22162.381	1.156	1.1	-12.5	NO	0.999	NO	bb
2	200708M1_4	Standard	2.500	6.09	326.257	22563.031	2.157	2.3	-8.7	NO	0.999	NO	bb
3	200708M1_5	Standard	5.000	6.09	668.565	22593.682	4.415	5.0	-0.8	NO	0.999	NO	bb
4	200708M1_6	Standard	10.000	6.09	1406.535	22534.115	9.313	10.8	7.7	NO	0.999	NO	bb
5	200708M1_7	Standard	25.000	6.09	3602.028	23775.350	22.604	26.6	6.2	NO	0.999	NO	MM
6	200708M1_8	Standard	50.000	6.09	6735.232	22724.852	44.220	52.3	4.6	NO	0.999	NO	MM
7	200708M1_9	Standard	250.000	6.09	33426.180	22588.705	220.782	264.9	6.0	NO	0.999	NO	MM
8	200708M1_10	Standard	500.000	6.09	61373.426	22287.326	410.858	499.0	-0.2	NO	0.999	NO	MM
9	200708M1_11	Standard	1250.000	6.09	143007.000	22172.492	962.302	1212.5	-3.0	NO	0.999	NO	MM
10	200708M1_12	Standard	2500.000	6.09	256007.891	20493.035	1863.871	2520.1	0.8	NO	0.999	NO	MM

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999720
Calibration curve: -0.000159677 * x^2 + 0.638299 * x + 0.0976639
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	6.45	499.631	24305.631	0.257	0.2	-0.2	NO	1.000	NO	bb
2	200708M1_4	Standard	0.500	6.45	742.418	24296.154	0.382	0.4	-10.9	NO	1.000	NO	bb
3	200708M1_5	Standard	1.000	6.45	1444.913	23807.215	0.759	1.0	3.6	NO	1.000	NO	MM
4	200708M1_6	Standard	2.000	6.45	2818.433	24702.871	1.426	2.1	4.1	NO	1.000	NO	MM
5	200708M1_7	Standard	5.000	6.45	6631.655	24607.752	3.369	5.1	2.6	NO	1.000	NO	MM
6	200708M1_8	Standard	10.000	6.45	12839.259	24885.109	6.449	10.0	-0.2	NO	1.000	NO	bb
7	200708M1_9	Standard	50.000	6.45	62423.281	23772.154	32.824	51.9	3.9	NO	1.000	NO	bb
8	200708M1_10	Standard	100.000	6.45	118883.805	24694.613	60.177	96.5	-3.5	NO	1.000	NO	bb
9	200708M1_11	Standard	250.000	6.45	266530.813	22101.174	150.745	251.9	0.8	NO	1.000	NO	bb
10	200708M1_12	Standard	500.000	6.45	500192.188	22401.148	279.111	499.5	-0.1	NO	1.000	NO	bb

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Compound name: PFODA
Coefficient of Determination: R^2 = 0.999269
Calibration curve: -0.000203013 * x^2 + 1.04439 * x + -0.0169289
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	0.250	6.67	479.068	24305.631	0.246	0.3	0.9	NO	0.999	NO	bb
2	200708M1_4	Standard	0.500	6.67	986.203	24296.154	0.507	0.5	0.4	NO	0.999	NO	MM
3	200708M1_5	Standard	1.000	6.67	1947.986	23807.215	1.023	1.0	-0.4	NO	0.999	NO	MM
4	200708M1_6	Standard	2.000	6.67	3952.389	24702.871	2.000	1.9	-3.4	NO	0.999	NO	MM
5	200708M1_7	Standard	5.000	6.67	10623.988	24607.752	5.397	5.2	3.8	NO	0.999	NO	MM
6	200708M1_8	Standard	10.000	6.67	19705.602	24885.109	9.898	9.5	-4.9	NO	0.999	NO	MM
7	200708M1_9	Standard	50.000	6.67	97041.273	23772.154	51.027	49.3	-1.3	NO	0.999	NO	MM
8	200708M1_10	Standard	100.000	6.67	193205.656	24694.613	97.797	95.4	-4.6	NO	0.999	NO	MM
9	200708M1_11	Standard	250.000	6.67	455632.969	22101.174	257.697	259.9	4.0	NO	0.999	NO	MM
10	200708M1_12	Standard	500.000	6.67	838285.563	22401.148	467.769	495.7	-0.9	NO	0.999	NO	MM

Compound name: N-MeFOSE
Coefficient of Determination: R^2 = 0.999368
Calibration curve: 6.3867e-006 * x^2 + 0.942462 * x + 0.242346
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	1.250	6.31	108.976	11321.333	1.436	1.3	1.3	NO	0.999	NO	bb
2	200708M1_4	Standard	2.500	6.31	223.760	12972.699	2.573	2.5	-1.1	NO	0.999	NO	bb
3	200708M1_5	Standard	5.000	6.31	330.737	11128.187	4.434	4.4	-11.0	NO	0.999	NO	MM
4	200708M1_6	Standard	10.000	6.31	777.786	11471.051	10.116	10.5	4.8	NO	0.999	NO	MM
5	200708M1_7	Standard	25.000	6.31	1934.648	12096.947	23.861	25.1	0.2	NO	0.999	NO	MM
6	200708M1_8	Standard	50.000	6.31	3782.039	11877.717	47.507	50.1	0.3	NO	0.999	NO	MM
7	200708M1_9	Standard	250.000	6.31	20621.154	11931.568	257.860	272.8	9.1	NO	0.999	NO	MM
8	200708M1_10	Standard	500.000	6.31	37551.348	12112.540	462.550	488.9	-2.2	NO	0.999	NO	MM
9	200708M1_11	Standard	1250.000	6.31	96762.398	12381.021	1166.055	1226.8	-1.9	NO	0.999	NO	MM
10	200708M1_12	Standard	2500.000	6.31	181195.078	11229.783	2407.376	2511.4	0.5	NO	0.999	NO	MM

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Compound name: N-EtFOSE
Coefficient of Determination: R^2 = 0.999472
Calibration curve: 5.37739e-006 * x^2 + 1.11036 * x + 0.0955806
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200708M1_3	Standard	1.250	6.46	124.343	11182.640	1.659	1.4	12.6	NO	0.999	NO	bb
2	200708M1_4	Standard	2.500	6.46	236.667	11844.100	2.981	2.6	4.0	NO	0.999	NO	bb
3	200708M1_5	Standard	5.000	6.46	417.821	11873.343	5.250	4.6	-7.2	NO	0.999	NO	bb
4	200708M1_6	Standard	10.000	6.46	872.198	12203.005	10.664	9.5	-4.8	NO	0.999	NO	MM
5	200708M1_7	Standard	25.000	6.46	2287.067	12335.147	27.663	24.8	-0.7	NO	0.999	NO	bb
6	200708M1_8	Standard	50.000	6.46	4472.952	12348.560	54.044	48.6	-2.8	NO	0.999	NO	MM
7	200708M1_9	Standard	250.000	6.46	23778.471	11882.085	298.580	268.5	7.4	NO	0.999	NO	MM
8	200708M1_10	Standard	500.000	6.46	44191.188	11789.180	559.269	502.4	0.5	NO	0.999	NO	MM
9	200708M1_11	Standard	1250.000	6.46	110868.766	12163.181	1359.975	1217.5	-2.6	NO	0.999	NO	MM
10	200708M1_12	Standard	2500.000	6.46	241857.516	12772.229	2825.281	2513.8	0.6	NO	0.999	NO	MM

Compound name: 13C3-PFBA-EIS
Response Factor: 330.348
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	1.36	4224.612		4224.612	12.8	2.3	NO		NO	bbX
2	200708M1_4	Standard	12.500	1.34	4015.618		4015.618	12.2	-2.8	NO		NO	MMX
3	200708M1_5	Standard	12.500	1.33	4262.880		4262.880	12.9	3.2	NO		NO	MMX
4	200708M1_6	Standard	12.500	1.32	4104.572		4104.572	12.4	-0.6	NO		NO	bbX
5	200708M1_7	Standard	12.500	1.33	4222.024		4222.024	12.8	2.2	NO		NO	MMX
6	200708M1_8	Standard	12.500	1.32	4129.345		4129.345	12.5	0.0	NO		NO	MM
7	200708M1_9	Standard	12.500	1.33	4330.505		4330.505	13.1	4.9	NO		NO	MMX
8	200708M1_10	Standard	12.500	1.32	4293.063		4293.063	13.0	4.0	NO		NO	bbX
9	200708M1_11	Standard	12.500	1.32	4433.721		4433.721	13.4	7.4	NO		NO	bbX
10	200708M1_12	Standard	12.500	1.33	4266.586		4266.586	12.9	3.3	NO		NO	MMX

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Compound name: 13C3-PFBA-RSD
Response Factor: 0.674196
RRF SD: 0.018398, Relative SD: 2.72889
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	1.36	4224.612	5962.702	8.856	13.1	5.1	NO	NO	bb
2	200708M1_4	Standard	12.500	1.34	4008.722	6109.560	8.202	12.2	-2.7	NO	NO	MM
3	200708M1_5	Standard	12.500	1.33	4266.943	6403.676	8.329	12.4	-1.2	NO	NO	MM
4	200708M1_6	Standard	12.500	1.32	4118.641	6119.256	8.413	12.5	-0.2	NO	NO	MM
5	200708M1_7	Standard	12.500	1.33	4221.107	6389.294	8.258	12.2	-2.0	NO	NO	MM
6	200708M1_8	Standard	12.500	1.32	4148.820	6157.062	8.423	12.5	-0.1	NO	NO	MM
7	200708M1_9	Standard	12.500	1.33	4337.091	6355.104	8.531	12.7	1.2	NO	NO	MM
8	200708M1_10	Standard	12.500	1.32	4321.091	6218.400	8.686	12.9	3.1	NO	NO	MM
9	200708M1_11	Standard	12.500	1.32	4433.721	6858.645	8.081	12.0	-4.1	NO	NO	bb
10	200708M1_12	Standard	12.500	1.33	4275.275	6290.413	8.496	12.6	0.8	NO	NO	MM

Compound name: 13C3-PFPeA-EIS
Response Factor: 489.057
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	2.31	6383.618	6383.618	13.1	4.4	NO	NO	MMX
2	200708M1_4	Standard	12.500	2.29	6115.046	6115.046	12.5	0.0	NO	NO	MMX
3	200708M1_5	Standard	12.500	2.28	6165.953	6165.953	12.6	0.9	NO	NO	bbX
4	200708M1_6	Standard	12.500	2.28	5992.168	5992.168	12.3	-2.0	NO	NO	bbX
5	200708M1_7	Standard	12.500	2.28	6480.353	6480.353	13.3	6.0	NO	NO	bbX
6	200708M1_8	Standard	12.500	2.28	6113.215	6113.215	12.5	0.0	NO	NO	MM
7	200708M1_9	Standard	12.500	2.28	6312.225	6312.225	12.9	3.3	NO	NO	MMX
8	200708M1_10	Standard	12.500	2.28	6031.688	6031.688	12.3	-1.3	NO	NO	MMX
9	200708M1_11	Standard	12.500	2.28	5875.857	5875.857	12.0	-3.9	NO	NO	MMX
10	200708M1_12	Standard	12.500	2.28	5719.269	5719.269	11.7	-6.4	NO	NO	bbX

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Compound name: 13C3-PFPeA-RSD
Response Factor: 0.444649
RRF SD: 0.0223148, Relative SD: 5.01852
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	2.31	6381.878	13014.759	6.129	13.8	10.3	NO	NO	MM
2	200708M1_4	Standard	12.500	2.29	6114.540	14226.861	5.372	12.1	-3.3	NO	NO	MM
3	200708M1_5	Standard	12.500	2.28	6165.953	13964.611	5.519	12.4	-0.7	NO	NO	bb
4	200708M1_6	Standard	12.500	2.28	5992.168	14429.465	5.191	11.7	-6.6	NO	NO	bb
5	200708M1_7	Standard	12.500	2.28	6480.353	15515.364	5.221	11.7	-6.1	NO	NO	bb
6	200708M1_8	Standard	12.500	2.28	6105.492	13904.121	5.489	12.3	-1.2	NO	NO	MM
7	200708M1_9	Standard	12.500	2.28	6315.758	13622.165	5.795	13.0	4.3	NO	NO	MM
8	200708M1_10	Standard	12.500	2.28	6023.193	13185.069	5.710	12.8	2.7	NO	NO	MM
9	200708M1_11	Standard	12.500	2.28	5884.428	13299.839	5.531	12.4	-0.5	NO	NO	MM
10	200708M1_12	Standard	12.500	2.28	5719.269	12713.842	5.623	12.6	1.2	NO	NO	bb

Compound name: 13C3-PFBS-EIS
Response Factor: 125.787
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	2.59	1433.960	1433.960	11.4	-8.8	NO	NO	bbX
2	200708M1_4	Standard	12.500	2.58	1546.529	1546.529	12.3	-1.6	NO	NO	MMX
3	200708M1_5	Standard	12.500	2.57	1426.921	1426.921	11.3	-9.2	NO	NO	bbX
4	200708M1_6	Standard	12.500	2.57	1561.362	1561.362	12.4	-0.7	NO	NO	MMX
5	200708M1_7	Standard	12.500	2.57	1606.825	1606.825	12.8	2.2	NO	NO	MMX
6	200708M1_8	Standard	12.500	2.57	1572.336	1572.336	12.5	0.0	NO	NO	bb
7	200708M1_9	Standard	12.500	2.57	1595.806	1595.806	12.7	1.5	NO	NO	bbX
8	200708M1_10	Standard	12.500	2.57	1472.415	1472.415	11.7	-6.4	NO	NO	bbX
9	200708M1_11	Standard	12.500	2.57	1479.010	1479.010	11.8	-5.9	NO	NO	bbX
10	200708M1_12	Standard	12.500	2.57	1307.604	1307.604	10.4	-16.8	NO	NO	bbX

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Compound name: 13C3-PFBS-RSD
Response Factor: 0.763576
RRF SD: 0.0451311, Relative SD: 5.91049
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	2.59	1433.960	1676.817	10.690	14.0	12.0	NO	NO	bb
2	200708M1_4	Standard	12.500	2.58	1544.286	2080.981	9.276	12.1	-2.8	NO	NO	MM
3	200708M1_5	Standard	12.500	2.57	1426.921	2085.931	8.551	11.2	-10.4	NO	NO	bb
4	200708M1_6	Standard	12.500	2.57	1558.149	2045.788	9.520	12.5	-0.3	NO	NO	MM
5	200708M1_7	Standard	12.500	2.57	1606.174	2077.248	9.665	12.7	1.3	NO	NO	MM
6	200708M1_8	Standard	12.500	2.57	1572.336	2036.593	9.651	12.6	1.1	NO	NO	bb
7	200708M1_9	Standard	12.500	2.57	1595.806	2099.047	9.503	12.4	-0.4	NO	NO	bb
8	200708M1_10	Standard	12.500	2.57	1472.415	1879.717	9.791	12.8	2.6	NO	NO	bb
9	200708M1_11	Standard	12.500	2.57	1479.010	1881.583	9.826	12.9	2.9	NO	NO	bb
10	200708M1_12	Standard	12.500	2.57	1307.604	1821.404	8.974	11.8	-6.0	NO	NO	bb

Compound name: 13C3-HFPO-DA-EIS
Response Factor: 72.9367
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	3.34	967.822	967.822	13.3	6.2	NO	NO	bbX
2	200708M1_4	Standard	12.500	3.33	892.489	892.489	12.2	-2.1	NO	NO	bbX
3	200708M1_5	Standard	12.500	3.33	905.845	905.845	12.4	-0.6	NO	NO	bbX
4	200708M1_6	Standard	12.500	3.33	918.964	918.964	12.6	0.8	NO	NO	bbX
5	200708M1_7	Standard	12.500	3.33	869.324	869.324	11.9	-4.6	NO	NO	bbX
6	200708M1_8	Standard	12.500	3.34	911.709	911.709	12.5	0.0	NO	NO	bb
7	200708M1_9	Standard	12.500	3.34	833.963	833.963	11.4	-8.5	NO	NO	bbX
8	200708M1_10	Standard	12.500	3.33	819.392	819.392	11.2	-10.1	NO	NO	MMX
9	200708M1_11	Standard	12.500	3.33	839.285	839.285	11.5	-7.9	NO	NO	MMX
10	200708M1_12	Standard	12.500	3.33	800.998	800.998	11.0	-12.1	NO	NO	bbX

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Compound name: 13C3-HFPO-DA-RSD
Response Factor: 0.0636808
RRF SD: 0.00456526, Relative SD: 7.16897
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	3.34	967.822	13014.759	0.930	14.6	16.8	NO	NO	bb
2	200708M1_4	Standard	12.500	3.33	892.489	14226.861	0.784	12.3	-1.5	NO	NO	bb
3	200708M1_5	Standard	12.500	3.33	905.845	13964.611	0.811	12.7	1.9	NO	NO	bb
4	200708M1_6	Standard	12.500	3.33	918.964	14429.465	0.796	12.5	0.0	NO	NO	bb
5	200708M1_7	Standard	12.500	3.33	869.324	15515.364	0.700	11.0	-12.0	NO	NO	bb
6	200708M1_8	Standard	12.500	3.34	911.709	13904.121	0.820	12.9	3.0	NO	NO	bb
7	200708M1_9	Standard	12.500	3.34	833.963	13622.165	0.765	12.0	-3.9	NO	NO	bb
8	200708M1_10	Standard	12.500	3.33	819.854	13185.069	0.777	12.2	-2.4	NO	NO	MM
9	200708M1_11	Standard	12.500	3.33	839.936	13299.839	0.789	12.4	-0.8	NO	NO	MM
10	200708M1_12	Standard	12.500	3.33	800.998	12713.842	0.788	12.4	-1.1	NO	NO	bb

Compound name: 13C2-4:2 FTS-EIS
Response Factor: 209.041
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	3.03	2630.104	2630.104	12.6	0.7	NO	NO	bbX
2	200708M1_4	Standard	12.500	3.03	2566.757	2566.757	12.3	-1.8	NO	NO	bbX
3	200708M1_5	Standard	12.500	3.02	2393.222	2393.222	11.4	-8.4	NO	NO	MMX
4	200708M1_6	Standard	12.500	3.02	2485.083	2485.083	11.9	-4.9	NO	NO	MMX
5	200708M1_7	Standard	12.500	3.02	2625.658	2625.658	12.6	0.5	NO	NO	MMX
6	200708M1_8	Standard	12.500	3.02	2613.010	2613.010	12.5	0.0	NO	NO	bb
7	200708M1_9	Standard	12.500	3.02	2529.080	2529.080	12.1	-3.2	NO	NO	MMX
8	200708M1_10	Standard	12.500	3.02	2217.982	2217.982	10.6	-15.1	NO	NO	MMX
9	200708M1_11	Standard	12.500	3.02	2009.243	2009.243	9.6	-23.1	NO	NO	bbX
10	200708M1_12	Standard	12.500	3.02	1850.555	1850.555	8.9	-29.2	NO	NO	bbX

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Compound name: 13C2-4:2 FTS-RSD
Response Factor: 1.21787
RRF SD: 0.148844, Relative SD: 12.2216
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	3.03	2630.104	1676.817	19.606	16.1	28.8	NO	NO	bb
2	200708M1_4	Standard	12.500	3.03	2566.757	2080.981	15.418	12.7	1.3	NO	NO	bb
3	200708M1_5	Standard	12.500	3.02	2393.060	2085.931	14.340	11.8	-5.8	NO	NO	MM
4	200708M1_6	Standard	12.500	3.02	2481.484	2045.788	15.162	12.4	-0.4	NO	NO	MM
5	200708M1_7	Standard	12.500	3.02	2625.584	2077.248	15.800	13.0	3.8	NO	NO	MM
6	200708M1_8	Standard	12.500	3.02	2613.010	2036.593	16.038	13.2	5.4	NO	NO	bb
7	200708M1_9	Standard	12.500	3.02	2529.786	2099.047	15.065	12.4	-1.0	NO	NO	MM
8	200708M1_10	Standard	12.500	3.02	2218.958	1879.717	14.756	12.1	-3.1	NO	NO	MM
9	200708M1_11	Standard	12.500	3.02	2009.243	1881.583	13.348	11.0	-12.3	NO	NO	bb
10	200708M1_12	Standard	12.500	3.02	1850.555	1821.404	12.700	10.4	-16.6	NO	NO	bb

Compound name: 13C2-PFHxA-EIS
Response Factor: 942.477
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	3.12	11634.622	11634.622	12.3	-1.2	NO	NO	bbX
2	200708M1_4	Standard	12.500	3.11	11649.563	11649.563	12.4	-1.1	NO	NO	bbX
3	200708M1_5	Standard	12.500	3.11	12087.724	12087.724	12.8	2.6	NO	NO	MMX
4	200708M1_6	Standard	12.500	3.11	12143.737	12143.737	12.9	3.1	NO	NO	MMX
5	200708M1_7	Standard	12.500	3.11	12106.397	12106.397	12.8	2.8	NO	NO	MMX
6	200708M1_8	Standard	12.500	3.11	11780.965	11780.965	12.5	0.0	NO	NO	bb
7	200708M1_9	Standard	12.500	3.11	11523.188	11523.188	12.2	-2.2	NO	NO	MMX
8	200708M1_10	Standard	12.500	3.11	11447.669	11447.669	12.1	-2.8	NO	NO	MMX
9	200708M1_11	Standard	12.500	3.11	11270.611	11270.611	12.0	-4.3	NO	NO	MMX
10	200708M1_12	Standard	12.500	3.11	11024.046	11024.046	11.7	-6.4	NO	NO	MMX

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Compound name: 13C2-PFHxA-RSD
Response Factor: 0.847582
RRF SD: 0.0306901, Relative SD: 3.6209
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	3.12	11634.622	13014.759	11.174	13.2	5.5	NO	NO	bb
2	200708M1_4	Standard	12.500	3.11	11649.563	14226.861	10.236	12.1	-3.4	NO	NO	bb
3	200708M1_5	Standard	12.500	3.11	12084.200	13964.611	10.817	12.8	2.1	NO	NO	MM
4	200708M1_6	Standard	12.500	3.11	12135.961	14429.465	10.513	12.4	-0.8	NO	NO	MM
5	200708M1_7	Standard	12.500	3.11	12123.281	15515.364	9.767	11.5	-7.8	NO	NO	MM
6	200708M1_8	Standard	12.500	3.11	11780.965	13904.121	10.591	12.5	-0.0	NO	NO	bb
7	200708M1_9	Standard	12.500	3.11	11515.483	13622.165	10.567	12.5	-0.3	NO	NO	MM
8	200708M1_10	Standard	12.500	3.11	11446.007	13185.069	10.851	12.8	2.4	NO	NO	MM
9	200708M1_11	Standard	12.500	3.11	11287.820	13299.839	10.609	12.5	0.1	NO	NO	MM
10	200708M1_12	Standard	12.500	3.11	11007.390	12713.842	10.822	12.8	2.1	NO	NO	MM

Compound name: 13C4-PFHpA-EIS
Response Factor: 573.71
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	3.73	7137.632	7137.632	12.4	-0.5	NO	NO	bbX
2	200708M1_4	Standard	12.500	3.72	7011.945	7011.945	12.2	-2.2	NO	NO	bbX
3	200708M1_5	Standard	12.500	3.72	7304.971	7304.971	12.7	1.9	NO	NO	MMX
4	200708M1_6	Standard	12.500	3.72	7091.787	7091.787	12.4	-1.1	NO	NO	MMX
5	200708M1_7	Standard	12.500	3.72	7337.285	7337.285	12.8	2.3	NO	NO	MMX
6	200708M1_8	Standard	12.500	3.72	7171.378	7171.378	12.5	0.0	NO	NO	MM
7	200708M1_9	Standard	12.500	3.72	6697.738	6697.738	11.7	-6.6	NO	NO	bbX
8	200708M1_10	Standard	12.500	3.72	6705.330	6705.330	11.7	-6.5	NO	NO	MMX
9	200708M1_11	Standard	12.500	3.72	6544.493	6544.493	11.4	-8.7	NO	NO	MMX
10	200708M1_12	Standard	12.500	3.72	5627.643	5627.643	9.8	-21.5	NO	NO	MMX

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Compound name: 13C4-PFHpA-RSD
Response Factor: 0.498016
RRF SD: 0.0288128, Relative SD: 5.78552
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	3.73	7137.632	13014.759	6.855	13.8	10.1	NO	NO	bb
2	200708M1_4	Standard	12.500	3.72	7011.945	14226.861	6.161	12.4	-1.0	NO	NO	bb
3	200708M1_5	Standard	12.500	3.72	7307.590	13964.611	6.541	13.1	5.1	NO	NO	MM
4	200708M1_6	Standard	12.500	3.72	7093.272	14429.465	6.145	12.3	-1.3	NO	NO	MM
5	200708M1_7	Standard	12.500	3.72	7333.856	15515.364	5.909	11.9	-5.1	NO	NO	MM
6	200708M1_8	Standard	12.500	3.72	7173.837	13904.121	6.449	13.0	3.6	NO	NO	MM
7	200708M1_9	Standard	12.500	3.72	6697.738	13622.165	6.146	12.3	-1.3	NO	NO	bb
8	200708M1_10	Standard	12.500	3.72	6707.152	13185.069	6.359	12.8	2.1	NO	NO	MM
9	200708M1_11	Standard	12.500	3.72	6549.078	13299.839	6.155	12.4	-1.1	NO	NO	MM
10	200708M1_12	Standard	12.500	3.72	5626.715	12713.842	5.532	11.1	-11.1	NO	NO	MM

Compound name: 13C3-PFHxS-EIS
Response Factor: 288.894
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	3.88	3574.113	3574.113	12.4	-1.0	NO	NO	MMX
2	200708M1_4	Standard	12.500	3.87	3402.460	3402.460	11.8	-5.8	NO	NO	bbX
3	200708M1_5	Standard	12.500	3.87	3530.494	3530.494	12.2	-2.2	NO	NO	bbX
4	200708M1_6	Standard	12.500	3.87	3420.392	3420.392	11.8	-5.3	NO	NO	bbX
5	200708M1_7	Standard	12.500	3.87	3292.697	3292.697	11.4	-8.8	NO	NO	bbX
6	200708M1_8	Standard	12.500	3.87	3611.179	3611.179	12.5	0.0	NO	NO	bb
7	200708M1_9	Standard	12.500	3.87	3518.517	3518.517	12.2	-2.6	NO	NO	bbX
8	200708M1_10	Standard	12.500	3.87	3529.354	3529.354	12.2	-2.3	NO	NO	MMX
9	200708M1_11	Standard	12.500	3.87	3199.540	3199.540	11.1	-11.4	NO	NO	bbX
10	200708M1_12	Standard	12.500	3.87	3010.086	3010.086	10.4	-16.6	NO	NO	bbX

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Compound name: 13C3-PFHxS-RSD
Response Factor: 1.74043
RRF SD: 0.159003, Relative SD: 9.13588
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	3.88	3574.093	1676.817	26.643	15.3	22.5	NO	NO	MM
2	200708M1_4	Standard	12.500	3.87	3402.460	2080.981	20.438	11.7	-6.1	NO	NO	bb
3	200708M1_5	Standard	12.500	3.87	3548.650	2085.931	21.265	12.2	-2.3	NO	NO	bb
4	200708M1_6	Standard	12.500	3.87	3420.392	2045.788	20.899	12.0	-3.9	NO	NO	bb
5	200708M1_7	Standard	12.500	3.87	3292.697	2077.248	19.814	11.4	-8.9	NO	NO	bb
6	200708M1_8	Standard	12.500	3.87	3611.179	2036.593	22.164	12.7	1.9	NO	NO	bb
7	200708M1_9	Standard	12.500	3.87	3518.517	2099.047	20.953	12.0	-3.7	NO	NO	bb
8	200708M1_10	Standard	12.500	3.87	3528.315	1879.717	23.463	13.5	7.8	NO	NO	MM
9	200708M1_11	Standard	12.500	3.87	3199.540	1881.583	21.256	12.2	-2.3	NO	NO	bb
10	200708M1_12	Standard	12.500	3.87	3010.086	1821.404	20.658	11.9	-5.0	NO	NO	bb

Compound name: 13C2-6:2 FTS-EIS
Response Factor: 190.349
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	4.19	2107.039	2107.039	11.1	-11.4	NO	NO	bbX
2	200708M1_4	Standard	12.500	4.18	2354.077	2354.077	12.4	-1.1	NO	NO	MMX
3	200708M1_5	Standard	12.500	4.18	2150.676	2150.676	11.3	-9.6	NO	NO	bbX
4	200708M1_6	Standard	12.500	4.18	2102.670	2102.670	11.0	-11.6	NO	NO	MMX
5	200708M1_7	Standard	12.500	4.18	2106.546	2106.546	11.1	-11.5	NO	NO	MMX
6	200708M1_8	Standard	12.500	4.18	2379.363	2379.363	12.5	0.0	NO	NO	MM
7	200708M1_9	Standard	12.500	4.19	2088.563	2088.563	11.0	-12.2	NO	NO	MMX
8	200708M1_10	Standard	12.500	4.18	2063.404	2063.404	10.8	-13.3	NO	NO	bbX
9	200708M1_11	Standard	12.500	4.18	1797.759	1797.759	9.4	-24.4	NO	NO	bbX
10	200708M1_12	Standard	12.500	4.18	1633.542	1633.542	8.6	-31.3	NO	NO	bbX

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Compound name: 13C2-6:2 FTS-RSD
Response Factor: 0.540772
RRF SD: 0.0486047, Relative SD: 8.98802
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	4.19	2107.039	3553.063	7.413	13.7	9.7	NO	NO	bb
2	200708M1_4	Standard	12.500	4.18	2352.024	4111.977	7.150	13.2	5.8	NO	NO	MM
3	200708M1_5	Standard	12.500	4.18	2150.676	3801.956	7.071	13.1	4.6	NO	NO	bb
4	200708M1_6	Standard	12.500	4.18	2102.978	3722.677	7.061	13.1	4.5	NO	NO	MM
5	200708M1_7	Standard	12.500	4.18	2112.892	4417.748	5.978	11.1	-11.6	NO	NO	MM
6	200708M1_8	Standard	12.500	4.18	2376.845	3941.968	7.537	13.9	11.5	NO	NO	MM
7	200708M1_9	Standard	12.500	4.19	2088.750	4061.267	6.429	11.9	-4.9	NO	NO	MM
8	200708M1_10	Standard	12.500	4.18	2063.404	3706.736	6.958	12.9	2.9	NO	NO	bb
9	200708M1_11	Standard	12.500	4.18	1797.759	3663.627	6.134	11.3	-9.3	NO	NO	bb
10	200708M1_12	Standard	12.500	4.18	1633.542	3481.487	5.865	10.8	-13.2	NO	NO	bb

Compound name: 13C5-PFNA-EIS
Response Factor: 1014.89
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	4.68	13873.641	13873.641	13.7	9.4	NO	NO	bbX
2	200708M1_4	Standard	12.500	4.68	14484.119	14484.119	14.3	14.2	NO	NO	bbX
3	200708M1_5	Standard	12.500	4.68	13475.180	13475.180	13.3	6.2	NO	NO	MMX
4	200708M1_6	Standard	12.500	4.68	14082.285	14082.285	13.9	11.0	NO	NO	MMX
5	200708M1_7	Standard	12.500	4.68	13623.771	13623.771	13.4	7.4	NO	NO	bbX
6	200708M1_8	Standard	12.500	4.68	12686.143	12686.143	12.5	0.0	NO	NO	MM
7	200708M1_9	Standard	12.500	4.68	13744.028	13744.028	13.5	8.3	NO	NO	MMX
8	200708M1_10	Standard	12.500	4.68	13873.766	13873.766	13.7	9.4	NO	NO	bbX
9	200708M1_11	Standard	12.500	4.68	12415.451	12415.451	12.2	-2.1	NO	NO	bbX
10	200708M1_12	Standard	12.500	4.68	11588.029	11588.029	11.4	-8.7	NO	NO	MMX

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Compound name: 13C5-PFNA-RSD
Response Factor: 0.920467
RRF SD: 0.041551, Relative SD: 4.51413
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	4.68	13873.641	14091.791	12.306	13.4	7.0	NO	NO	bb
2	200708M1_4	Standard	12.500	4.68	14484.119	15196.036	11.914	12.9	3.6	NO	NO	bb
3	200708M1_5	Standard	12.500	4.68	13488.304	15372.920	10.968	11.9	-4.7	NO	NO	MM
4	200708M1_6	Standard	12.500	4.68	14079.030	15910.540	11.061	12.0	-3.9	NO	NO	MM
5	200708M1_7	Standard	12.500	4.68	13623.771	15857.792	10.739	11.7	-6.7	NO	NO	bb
6	200708M1_8	Standard	12.500	4.68	12679.812	14086.853	11.251	12.2	-2.2	NO	NO	MM
7	200708M1_9	Standard	12.500	4.68	13738.318	15030.584	11.425	12.4	-0.7	NO	NO	MM
8	200708M1_10	Standard	12.500	4.68	13873.766	14314.450	12.115	13.2	5.3	NO	NO	bb
9	200708M1_11	Standard	12.500	4.68	12415.451	13546.166	11.457	12.4	-0.4	NO	NO	bb
10	200708M1_12	Standard	12.500	4.68	11585.770	12251.019	11.821	12.8	2.7	NO	NO	MM

Compound name: 13C8-PFOSA-EIS
Response Factor: 451.425
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	4.73	5463.006	5463.006	12.1	-3.2	NO	NO	bbX
2	200708M1_4	Standard	12.500	4.72	5642.624	5642.624	12.5	-0.0	NO	NO	bbX
3	200708M1_5	Standard	12.500	4.72	5325.613	5325.613	11.8	-5.6	NO	NO	bbX
4	200708M1_6	Standard	12.500	4.72	5609.417	5609.417	12.4	-0.6	NO	NO	bbX
5	200708M1_7	Standard	12.500	4.72	5283.587	5283.587	11.7	-6.4	NO	NO	bbX
6	200708M1_8	Standard	12.500	4.72	5642.816	5642.816	12.5	0.0	NO	NO	bb
7	200708M1_9	Standard	12.500	4.73	5129.466	5129.466	11.4	-9.1	NO	NO	bbX
8	200708M1_10	Standard	12.500	4.72	5294.822	5294.822	11.7	-6.2	NO	NO	MMX
9	200708M1_11	Standard	12.500	4.72	5432.302	5432.302	12.0	-3.7	NO	NO	MMX
10	200708M1_12	Standard	12.500	4.72	5108.629	5108.629	11.3	-9.5	NO	NO	MMX

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Compound name: 13C8-PFOSA-RSD
Response Factor: 0.230212
RRF SD: 0.0165219, Relative SD: 7.17681
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	4.73	5463.006	22969.748	2.973	12.9	3.3	NO	NO	bb
2	200708M1_4	Standard	12.500	4.72	5642.624	23598.768	2.989	13.0	3.9	NO	NO	bb
3	200708M1_5	Standard	12.500	4.72	5325.613	25261.740	2.635	11.4	-8.4	NO	NO	bb
4	200708M1_6	Standard	12.500	4.72	5609.417	24475.137	2.865	12.4	-0.4	NO	NO	bb
5	200708M1_7	Standard	12.500	4.72	5283.587	25773.268	2.563	11.1	-11.0	NO	NO	bb
6	200708M1_8	Standard	12.500	4.72	5642.816	25691.861	2.745	11.9	-4.6	NO	NO	bb
7	200708M1_9	Standard	12.500	4.73	5129.466	23289.395	2.753	12.0	-4.3	NO	NO	bb
8	200708M1_10	Standard	12.500	4.72	5290.879	22680.334	2.916	12.7	1.3	NO	NO	MM
9	200708M1_11	Standard	12.500	4.72	5429.435	21487.666	3.158	13.7	9.8	NO	NO	MM
10	200708M1_12	Standard	12.500	4.72	5145.916	20233.389	3.179	13.8	10.5	NO	NO	MM

Compound name: 13C2-PFOA-EIS
Response Factor: 1135.8
RRF SD: **0**, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	4.24	15383.038	15383.038	13.5	8.4	NO	NO	bbX
2	200708M1_4	Standard	12.500	4.24	15121.468	15121.468	13.3	6.5	NO	NO	bbX
3	200708M1_5	Standard	12.500	4.24	15115.195	15115.195	13.3	6.5	NO	NO	MMX
4	200708M1_6	Standard	12.500	4.24	15022.593	15022.593	13.2	5.8	NO	NO	bbX
5	200708M1_7	Standard	12.500	4.24	16263.055	16263.055	14.3	14.5	NO	NO	MMX
6	200708M1_8	Standard	12.500	4.24	14197.515	14197.515	12.5	0.0	NO	NO	bb
7	200708M1_9	Standard	12.500	4.24	14560.156	14560.156	12.8	2.6	NO	NO	bbX
8	200708M1_10	Standard	12.500	4.24	13771.166	13771.166	12.1	-3.0	NO	NO	bbX
9	200708M1_11	Standard	12.500	4.24	13261.692	13261.692	11.7	-6.6	NO	NO	bbX
10	200708M1_12	Standard	12.500	4.24	11781.938	11781.938	10.4	-17.0	NO	NO	bbX

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Compound name: 13C2-PFOA-RSD
Response Factor: 0.659677
RRF SD: 0.0223237, Relative SD: 3.38403
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	4.24	15383.038	21774.033	8.831	13.4	7.1	NO	NO	bb
2	200708M1_4	Standard	12.500	4.24	15121.468	23601.328	8.009	12.1	-2.9	NO	NO	bb
3	200708M1_5	Standard	12.500	4.24	15099.851	22300.717	8.464	12.8	2.6	NO	NO	MM
4	200708M1_6	Standard	12.500	4.24	15022.593	23908.840	7.854	11.9	-4.8	NO	NO	bb
5	200708M1_7	Standard	12.500	4.24	16311.354	24318.871	8.384	12.7	1.7	NO	NO	MM
6	200708M1_8	Standard	12.500	4.24	14197.515	21286.393	8.337	12.6	1.1	NO	NO	bb
7	200708M1_9	Standard	12.500	4.24	14560.156	22558.705	8.068	12.2	-2.2	NO	NO	bb
8	200708M1_10	Standard	12.500	4.24	13771.166	21075.037	8.168	12.4	-0.9	NO	NO	bb
9	200708M1_11	Standard	12.500	4.24	13261.692	20566.754	8.060	12.2	-2.3	NO	NO	bb
10	200708M1_12	Standard	12.500	4.24	11781.938	17776.957	8.285	12.6	0.5	NO	NO	bb

Compound name: 13C8-PFOS-EIS
Response Factor: 321.663
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	4.76	3624.104	3624.104	11.3	-9.9	NO	NO	bbX
2	200708M1_4	Standard	12.500	4.76	4084.891	4084.891	12.7	1.6	NO	NO	bbX
3	200708M1_5	Standard	12.500	4.76	3942.368	3942.368	12.3	-2.0	NO	NO	bbX
4	200708M1_6	Standard	12.500	4.76	3716.018	3716.018	11.6	-7.6	NO	NO	MMX
5	200708M1_7	Standard	12.500	4.76	3926.336	3926.336	12.2	-2.3	NO	NO	bbX
6	200708M1_8	Standard	12.500	4.76	4020.793	4020.793	12.5	0.0	NO	NO	bb
7	200708M1_9	Standard	12.500	4.76	3804.877	3804.877	11.8	-5.4	NO	NO	bbX
8	200708M1_10	Standard	12.500	4.76	3182.716	3182.716	9.9	-20.8	NO	NO	bbX
9	200708M1_11	Standard	12.500	4.76	3296.974	3296.974	10.2	-18.0	NO	NO	bbX
10	200708M1_12	Standard	12.500	4.76	3420.646	3420.646	10.6	-14.9	NO	NO	bbX

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Compound name: 13C8-PFOS-RSD
Response Factor: 0.963539
RRF SD: 0.0628766, Relative SD: 6.52559
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	4.76	3624.104	3553.063	12.750	13.2	5.9	NO	NO	bb
2	200708M1_4	Standard	12.500	4.76	4084.891	4111.977	12.418	12.9	3.1	NO	NO	bb
3	200708M1_5	Standard	12.500	4.76	3942.368	3801.956	12.962	13.5	7.6	NO	NO	bb
4	200708M1_6	Standard	12.500	4.76	3716.522	3722.677	12.479	13.0	3.6	NO	NO	MM
5	200708M1_7	Standard	12.500	4.76	3926.336	4417.748	11.110	11.5	-7.8	NO	NO	bb
6	200708M1_8	Standard	12.500	4.76	4020.793	3941.968	12.750	13.2	5.9	NO	NO	bb
7	200708M1_9	Standard	12.500	4.76	3804.877	4061.267	11.711	12.2	-2.8	NO	NO	bb
8	200708M1_10	Standard	12.500	4.76	3182.716	3706.736	10.733	11.1	-10.9	NO	NO	bb
9	200708M1_11	Standard	12.500	4.76	3296.974	3663.627	11.249	11.7	-6.6	NO	NO	bb
10	200708M1_12	Standard	12.500	4.76	3420.646	3481.487	12.282	12.7	2.0	NO	NO	bb

Compound name: 13C2-PFDA-EIS
Response Factor: 1040.88
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	5.05	13583.881	13583.881	13.1	4.4	NO	NO	bbX
2	200708M1_4	Standard	12.500	5.05	13046.135	13046.135	12.5	0.3	NO	NO	bbX
3	200708M1_5	Standard	12.500	5.05	12876.094	12876.094	12.4	-1.0	NO	NO	bbX
4	200708M1_6	Standard	12.500	5.05	14427.406	14427.406	13.9	10.9	NO	NO	bbX
5	200708M1_7	Standard	12.500	5.05	14156.875	14156.875	13.6	8.8	NO	NO	bbX
6	200708M1_8	Standard	12.500	5.05	13010.949	13010.949	12.5	0.0	NO	NO	MM
7	200708M1_9	Standard	12.500	5.05	13622.944	13622.944	13.1	4.7	NO	NO	bbX
8	200708M1_10	Standard	12.500	5.05	13408.032	13408.032	12.9	3.1	NO	NO	bbX
9	200708M1_11	Standard	12.500	5.05	13257.416	13257.416	12.7	1.9	NO	NO	MMX
10	200708M1_12	Standard	12.500	5.05	11277.535	11277.535	10.8	-13.3	NO	NO	MMX

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Compound name: 13C2-PFDA-RSD
Response Factor: 0.736667
RRF SD: 0.0448791, Relative SD: 6.09218
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	5.05	13583.881	17073.691	9.945	13.5	8.0	NO	NO	bb
2	200708M1_4	Standard	12.500	5.05	13046.135	19507.832	8.360	11.3	-9.2	NO	NO	bb
3	200708M1_5	Standard	12.500	5.05	12876.094	19173.234	8.395	11.4	-8.8	NO	NO	bb
4	200708M1_6	Standard	12.500	5.05	14427.406	18451.916	9.774	13.3	6.1	NO	NO	bb
5	200708M1_7	Standard	12.500	5.05	14156.875	19802.070	8.936	12.1	-3.0	NO	NO	bb
6	200708M1_8	Standard	12.500	5.05	13011.560	17674.045	9.202	12.5	-0.1	NO	NO	MM
7	200708M1_9	Standard	12.500	5.05	13622.944	18572.779	9.169	12.4	-0.4	NO	NO	bb
8	200708M1_10	Standard	12.500	5.05	13408.032	17579.076	9.534	12.9	3.5	NO	NO	bb
9	200708M1_11	Standard	12.500	5.05	13254.998	16908.516	9.799	13.3	6.4	NO	NO	MM
10	200708M1_12	Standard	12.500	5.05	11269.862	15705.097	8.970	12.2	-2.6	NO	NO	MM

Compound name: 13C2-8:2 FTS-EIS
Response Factor: 197.91
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	5.03	2320.950	2320.950	11.7	-6.2	NO	NO	bbX
2	200708M1_4	Standard	12.500	5.03	2335.965	2335.965	11.8	-5.6	NO	NO	bbX
3	200708M1_5	Standard	12.500	5.02	2490.952	2490.952	12.6	0.7	NO	NO	MMX
4	200708M1_6	Standard	12.500	5.02	2306.375	2306.375	11.7	-6.8	NO	NO	MMX
5	200708M1_7	Standard	12.500	5.03	2270.678	2270.678	11.5	-8.2	NO	NO	MMX
6	200708M1_8	Standard	12.500	5.03	2473.878	2473.878	12.5	0.0	NO	NO	MM
7	200708M1_9	Standard	12.500	5.03	2185.153	2185.153	11.0	-11.7	NO	NO	bbX
8	200708M1_10	Standard	12.500	5.02	2092.471	2092.471	10.6	-15.4	NO	NO	bbX
9	200708M1_11	Standard	12.500	5.03	2097.374	2097.374	10.6	-15.2	NO	NO	MMX
10	200708M1_12	Standard	12.500	5.03	2013.689	2013.689	10.2	-18.6	NO	NO	bbX

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Compound name: 13C2-8:2 FTS-RSD
Response Factor: 0.589179
RRF SD: 0.0478901, Relative SD: 8.12828
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	5.03	2320.950	3553.063	8.165	13.9	10.9	NO	NO	bb
2	200708M1_4	Standard	12.500	5.03	2335.965	4111.977	7.101	12.1	-3.6	NO	NO	bb
3	200708M1_5	Standard	12.500	5.02	2493.016	3801.956	8.196	13.9	11.3	NO	NO	MM
4	200708M1_6	Standard	12.500	5.02	2306.228	3722.677	7.744	13.1	5.1	NO	NO	MM
5	200708M1_7	Standard	12.500	5.03	2270.312	4417.748	6.424	10.9	-12.8	NO	NO	MM
6	200708M1_8	Standard	12.500	5.03	2473.868	3941.968	7.845	13.3	6.5	NO	NO	MM
7	200708M1_9	Standard	12.500	5.03	2185.153	4061.267	6.726	11.4	-8.7	NO	NO	bb
8	200708M1_10	Standard	12.500	5.02	2092.471	3706.736	7.056	12.0	-4.2	NO	NO	bb
9	200708M1_11	Standard	12.500	5.03	2098.598	3663.627	7.160	12.2	-2.8	NO	NO	MM
10	200708M1_12	Standard	12.500	5.03	2013.689	3481.487	7.230	12.3	-1.8	NO	NO	bb

Compound name: d3-N-MeFOSAA-EIS
Response Factor: 912.016
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	5.20	11602.693	11602.693	12.7	1.8	NO	NO	bbX
2	200708M1_4	Standard	12.500	5.20	10595.119	10595.119	11.6	-7.1	NO	NO	bbX
3	200708M1_5	Standard	12.500	5.20	10904.561	10904.561	12.0	-4.3	NO	NO	bbX
4	200708M1_6	Standard	12.500	5.20	11948.095	11948.095	13.1	4.8	NO	NO	MMX
5	200708M1_7	Standard	12.500	5.20	12112.977	12112.977	13.3	6.3	NO	NO	bbX
6	200708M1_8	Standard	12.500	5.20	11400.199	11400.199	12.5	0.0	NO	NO	MM
7	200708M1_9	Standard	12.500	5.20	11441.656	11441.656	12.5	0.4	NO	NO	bbX
8	200708M1_10	Standard	12.500	5.20	10659.506	10659.506	11.7	-6.5	NO	NO	bbX
9	200708M1_11	Standard	12.500	5.20	10371.950	10371.950	11.4	-9.0	NO	NO	bbX
10	200708M1_12	Standard	12.500	5.20	10790.436	10790.436	11.8	-5.3	NO	NO	bbX

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Compound name: d3-N-MeFOSAA-RSD
Response Factor: 0.476435
RRF SD: 0.0305685, Relative SD: 6.41608
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	5.20	11602.693	22969.748	6.314	13.3	6.0	NO	NO	bb
2	200708M1_4	Standard	12.500	5.20	10595.119	23598.768	5.612	11.8	-5.8	NO	NO	bb
3	200708M1_5	Standard	12.500	5.20	10904.561	25261.740	5.396	11.3	-9.4	NO	NO	bb
4	200708M1_6	Standard	12.500	5.20	11950.051	24475.137	6.103	12.8	2.5	NO	NO	MM
5	200708M1_7	Standard	12.500	5.20	12112.977	25773.268	5.875	12.3	-1.4	NO	NO	bb
6	200708M1_8	Standard	12.500	5.20	11383.868	25691.861	5.539	11.6	-7.0	NO	NO	MM
7	200708M1_9	Standard	12.500	5.20	11441.656	23289.395	6.141	12.9	3.1	NO	NO	bb
8	200708M1_10	Standard	12.500	5.20	10659.506	22680.334	5.875	12.3	-1.4	NO	NO	bb
9	200708M1_11	Standard	12.500	5.20	10371.950	21487.666	6.034	12.7	1.3	NO	NO	bb
10	200708M1_12	Standard	12.500	5.20	10790.436	20233.389	6.666	14.0	11.9	NO	NO	bb

Compound name: 13C2-PFUdA-EIS
Response Factor: 1818.45
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	5.38	20451.197	20451.197	11.2	-10.0	NO	NO	bbX
2	200708M1_4	Standard	12.500	5.38	19304.012	19304.012	10.6	-15.1	NO	NO	bbX
3	200708M1_5	Standard	12.500	5.38	21243.359	21243.359	11.7	-6.5	NO	NO	bbX
4	200708M1_6	Standard	12.500	5.38	20844.371	20844.371	11.5	-8.3	NO	NO	bbX
5	200708M1_7	Standard	12.500	5.38	21268.732	21268.732	11.7	-6.4	NO	NO	bbX
6	200708M1_8	Standard	12.500	5.38	22730.596	22730.596	12.5	0.0	NO	NO	MM
7	200708M1_9	Standard	12.500	5.38	21562.986	21562.986	11.9	-5.1	NO	NO	MMX
8	200708M1_10	Standard	12.500	5.38	20334.959	20334.959	11.2	-10.5	NO	NO	bbX
9	200708M1_11	Standard	12.500	5.38	19625.184	19625.184	10.8	-13.7	NO	NO	MMX
10	200708M1_12	Standard	12.500	5.38	18869.654	18869.654	10.4	-17.0	NO	NO	MMX

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Compound name: 13C2-PFUdA-RSD
Response Factor: 0.878054
RRF SD: 0.0416867, Relative SD: 4.74763
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	5.38	20451.197	22969.748	11.129	12.7	1.4	NO	NO	bb
2	200708M1_4	Standard	12.500	5.38	19304.012	23598.768	10.225	11.6	-6.8	NO	NO	bb
3	200708M1_5	Standard	12.500	5.38	21243.359	25261.740	10.512	12.0	-4.2	NO	NO	bb
4	200708M1_6	Standard	12.500	5.38	20844.371	24475.137	10.646	12.1	-3.0	NO	NO	bb
5	200708M1_7	Standard	12.500	5.38	21268.732	25773.268	10.315	11.7	-6.0	NO	NO	bb
6	200708M1_8	Standard	12.500	5.38	22728.648	25691.861	11.058	12.6	0.8	NO	NO	MM
7	200708M1_9	Standard	12.500	5.38	21558.143	23289.395	11.571	13.2	5.4	NO	NO	MM
8	200708M1_10	Standard	12.500	5.38	20334.959	22680.334	11.207	12.8	2.1	NO	NO	bb
9	200708M1_11	Standard	12.500	5.38	19638.518	21487.666	11.424	13.0	4.1	NO	NO	MM
10	200708M1_12	Standard	12.500	5.38	18888.070	20233.389	11.669	13.3	6.3	NO	NO	MM

Compound name: d5-N-EtFOSAA-EIS
Response Factor: 848.94
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	5.36	10401.877	10401.877	12.3	-2.0	NO	NO	MMX
2	200708M1_4	Standard	12.500	5.36	10491.100	10491.100	12.4	-1.1	NO	NO	MMX
3	200708M1_5	Standard	12.500	5.36	9931.490	9931.490	11.7	-6.4	NO	NO	bbX
4	200708M1_6	Standard	12.500	5.36	10910.122	10910.122	12.9	2.8	NO	NO	bbX
5	200708M1_7	Standard	12.500	5.36	10982.324	10982.324	12.9	3.5	NO	NO	bbX
6	200708M1_8	Standard	12.500	5.36	10611.752	10611.752	12.5	0.0	NO	NO	bb
7	200708M1_9	Standard	12.500	5.36	9894.964	9894.964	11.7	-6.8	NO	NO	bbX
8	200708M1_10	Standard	12.500	5.36	9299.229	9299.229	11.0	-12.4	NO	NO	bbX
9	200708M1_11	Standard	12.500	5.36	8767.435	8767.435	10.3	-17.4	NO	NO	bbX
10	200708M1_12	Standard	12.500	5.36	7359.014	7359.014	8.7	-30.7	NO	NO	bbX

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Compound name: d5-N-EtFOSAA-RSD
Response Factor: 0.418216
RRF SD: 0.0270152, Relative SD: 6.45963
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	5.36	10411.312	22969.748	5.666	13.5	8.4	NO	NO	MM
2	200708M1_4	Standard	12.500	5.36	10483.295	23598.768	5.553	13.3	6.2	NO	NO	MM
3	200708M1_5	Standard	12.500	5.36	9931.490	25261.740	4.914	11.8	-6.0	NO	NO	bb
4	200708M1_6	Standard	12.500	5.36	10910.122	24475.137	5.572	13.3	6.6	NO	NO	bb
5	200708M1_7	Standard	12.500	5.36	10982.324	25773.268	5.326	12.7	1.9	NO	NO	bb
6	200708M1_8	Standard	12.500	5.36	10611.752	25691.861	5.163	12.3	-1.2	NO	NO	bb
7	200708M1_9	Standard	12.500	5.36	9894.964	23289.395	5.311	12.7	1.6	NO	NO	bb
8	200708M1_10	Standard	12.500	5.36	9299.229	22680.334	5.125	12.3	-2.0	NO	NO	bb
9	200708M1_11	Standard	12.500	5.36	8767.435	21487.666	5.100	12.2	-2.4	NO	NO	bb
10	200708M1_12	Standard	12.500	5.36	7359.014	20233.389	4.546	10.9	-13.0	NO	NO	bb

Compound name: 13C2-PFDoA-EIS
Response Factor: 2017.11
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	5.66	24685.057	24685.057	12.2	-2.1	NO	NO	bbX
2	200708M1_4	Standard	12.500	5.66	24832.939	24832.939	12.3	-1.5	NO	NO	bbX
3	200708M1_5	Standard	12.500	5.66	22634.844	22634.844	11.2	-10.2	NO	NO	bbX
4	200708M1_6	Standard	12.500	5.66	23433.711	23433.711	11.6	-7.1	NO	NO	bbX
5	200708M1_7	Standard	12.500	5.66	25206.643	25206.643	12.5	-0.0	NO	NO	bbX
6	200708M1_8	Standard	12.500	5.66	25213.928	25213.928	12.5	0.0	NO	NO	MM
7	200708M1_9	Standard	12.500	5.67	23307.668	23307.668	11.6	-7.6	NO	NO	bbX
8	200708M1_10	Standard	12.500	5.66	22526.367	22526.367	11.2	-10.7	NO	NO	MMX
9	200708M1_11	Standard	12.500	5.66	22571.195	22571.195	11.2	-10.5	NO	NO	MMX
10	200708M1_12	Standard	12.500	5.66	19739.012	19739.012	9.8	-21.7	NO	NO	MMX

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Compound name: 13C2-PFDoA-RSD
Response Factor: 1.30756
RRF SD: 0.0962538, Relative SD: 7.36133
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	5.66	25816.492	17073.691	18.901	14.5	15.6	NO	NO	bb
2	200708M1_4	Standard	12.500	5.66	24832.939	19507.832	15.912	12.2	-2.6	NO	NO	bb
3	200708M1_5	Standard	12.500	5.66	22634.844	19173.234	14.757	11.3	-9.7	NO	NO	bb
4	200708M1_6	Standard	12.500	5.66	23433.711	18451.916	15.875	12.1	-2.9	NO	NO	bb
5	200708M1_7	Standard	12.500	5.66	25206.643	19802.070	15.912	12.2	-2.6	NO	NO	bb
6	200708M1_8	Standard	12.500	5.66	25227.160	17674.045	17.842	13.6	9.2	NO	NO	MM
7	200708M1_9	Standard	12.500	5.67	23307.668	18572.779	15.687	12.0	-4.0	NO	NO	bb
8	200708M1_10	Standard	12.500	5.66	22542.719	17579.076	16.030	12.3	-1.9	NO	NO	MM
9	200708M1_11	Standard	12.500	5.66	22737.373	16908.516	16.809	12.9	2.8	NO	NO	MM
10	200708M1_12	Standard	12.500	5.66	19752.529	15705.097	15.721	12.0	-3.8	NO	NO	MM

Compound name: 13C2-10:2 FTS-EIS
Response Factor: 124.275
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	5.65	1907.041	1907.041	15.3	22.8	NO	NO	MMX
2	200708M1_4	Standard	12.500	5.65	1892.128	1892.128	15.2	21.8	NO	NO	MMX
3	200708M1_5	Standard	12.500	5.65	1816.619	1816.619	14.6	16.9	NO	NO	MMX
4	200708M1_6	Standard	12.500	5.65	1778.766	1778.766	14.3	14.5	NO	NO	MMX
5	200708M1_7	Standard	12.500	5.65	1879.865	1879.865	15.1	21.0	NO	NO	MMX
6	200708M1_8	Standard	12.500	5.65	1553.441	1553.441	12.5	0.0	NO	NO	MM
7	200708M1_9	Standard	12.500	5.65	1401.547	1401.547	11.3	-9.8	NO	NO	MMX
8	200708M1_10	Standard	12.500	5.65	1530.535	1530.535	12.3	-1.5	NO	NO	MMX
9	200708M1_11	Standard	12.500	5.65	1088.063	1088.063	8.8	-30.0	NO	NO	MMX
10	200708M1_12	Standard	12.500	5.65	1319.063	1319.063	10.6	-15.1	NO	NO	MMX

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Compound name: 13C2-10:2 FTS-RSD
Response Factor: 0.420795
RRF SD: 0.0708949, Relative SD: 16.8479
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	5.65	1908.043	3553.063	6.713	16.0	27.6	NO	NO	MM
2	200708M1_4	Standard	12.500	5.65	1894.487	4111.977	5.759	13.7	9.5	NO	NO	MM
3	200708M1_5	Standard	12.500	5.65	1816.206	3801.956	5.971	14.2	13.5	NO	NO	MM
4	200708M1_6	Standard	12.500	5.65	1779.145	3722.677	5.974	14.2	13.6	NO	NO	MM
5	200708M1_7	Standard	12.500	5.65	1883.182	4417.748	5.328	12.7	1.3	NO	NO	MM
6	200708M1_8	Standard	12.500	5.65	1555.333	3941.968	4.932	11.7	-6.2	NO	NO	MM
7	200708M1_9	Standard	12.500	5.65	1401.794	4061.267	4.315	10.3	-18.0	NO	NO	MM
8	200708M1_10	Standard	12.500	5.65	1530.535	3706.736	5.161	12.3	-1.9	NO	NO	MM
9	200708M1_11	Standard	12.500	5.65	1087.379	3663.627	3.710	8.8	-29.5	NO	NO	MM
10	200708M1_12	Standard	12.500	5.65	1319.063	3481.487	4.736	11.3	-10.0	NO	NO	MM

Compound name: d3-N-MeFOSA-EIS
Response Factor: 103.578
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	149.200	5.69	14398.055	14398.055	139.0	-6.8	NO	NO	bbX
2	200708M1_4	Standard	149.200	5.68	15305.276	15305.276	147.8	-1.0	NO	NO	bbX
3	200708M1_5	Standard	149.200	5.68	15925.755	15925.755	153.8	3.1	NO	NO	MMX
4	200708M1_6	Standard	149.200	5.68	15590.763	15590.763	150.5	0.9	NO	NO	bbX
5	200708M1_7	Standard	149.200	5.68	16173.507	16173.507	156.1	4.7	NO	NO	bbX
6	200708M1_8	Standard	149.200	5.68	15453.874	15453.874	149.2	0.0	NO	NO	bb
7	200708M1_9	Standard	149.200	5.68	15560.982	15560.982	150.2	0.7	NO	NO	bbX
8	200708M1_10	Standard	149.200	5.68	15666.606	15666.606	151.3	1.4	NO	NO	MMX
9	200708M1_11	Standard	149.200	5.68	15625.023	15625.023	150.9	1.1	NO	NO	bbX
10	200708M1_12	Standard	149.200	5.68	14735.760	14735.760	142.3	-4.6	NO	NO	bbX

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Compound name: d3-N-MeFOSA-RSD
Response Factor: 0.0551764
RRF SD: 0.00367003, Relative SD: 6.65145
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	149.200	5.69	14398.055	22969.748	7.835	142.0	-4.8	NO	NO	bb
2	200708M1_4	Standard	149.200	5.68	15305.276	23598.768	8.107	146.9	-1.5	NO	NO	bb
3	200708M1_5	Standard	149.200	5.68	15922.322	25261.740	7.879	142.8	-4.3	NO	NO	MM
4	200708M1_6	Standard	149.200	5.68	15590.763	24475.137	7.963	144.3	-3.3	NO	NO	bb
5	200708M1_7	Standard	149.200	5.68	16173.507	25773.268	7.844	142.2	-4.7	NO	NO	bb
6	200708M1_8	Standard	149.200	5.68	15453.874	25691.861	7.519	136.3	-8.7	NO	NO	bb
7	200708M1_9	Standard	149.200	5.68	15560.982	23289.395	8.352	151.4	1.5	NO	NO	bb
8	200708M1_10	Standard	149.200	5.68	15661.235	22680.334	8.632	156.4	4.8	NO	NO	MM
9	200708M1_11	Standard	149.200	5.68	15625.023	21487.666	9.090	164.7	10.4	NO	NO	bb
10	200708M1_12	Standard	149.200	5.68	14735.760	20233.389	9.104	165.0	10.6	NO	NO	bb

Compound name: 13C2-PFTeDA-EIS
Response Factor: 1321.62
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	6.13	16557.852	16557.852	12.5	0.2	NO	NO	MMX
2	200708M1_4	Standard	12.500	6.12	15860.128	15860.128	12.0	-4.0	NO	NO	bbX
3	200708M1_5	Standard	12.500	6.13	15978.433	15978.433	12.1	-3.3	NO	NO	MMX
4	200708M1_6	Standard	12.500	6.13	15343.263	15343.263	11.6	-7.1	NO	NO	bbX
5	200708M1_7	Standard	12.500	6.13	15831.176	15831.176	12.0	-4.2	NO	NO	bbX
6	200708M1_8	Standard	12.500	6.13	16520.268	16520.268	12.5	0.0	NO	NO	bb
7	200708M1_9	Standard	12.500	6.13	16250.715	16250.715	12.3	-1.6	NO	NO	MMX
8	200708M1_10	Standard	12.500	6.13	15613.823	15613.823	11.8	-5.5	NO	NO	bbX
9	200708M1_11	Standard	12.500	6.13	14746.160	14746.160	11.2	-10.7	NO	NO	MMX
10	200708M1_12	Standard	12.500	6.13	14914.077	14914.077	11.3	-9.7	NO	NO	MMX

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Compound name: 13C2-PFTeDA-RSD
Response Factor: 0.671492
RRF SD: 0.0432357, Relative SD: 6.43874
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	6.13	16666.617	22969.748	9.070	13.5	8.1	NO	NO	MM
2	200708M1_4	Standard	12.500	6.12	15860.128	23598.768	8.401	12.5	0.1	NO	NO	bb
3	200708M1_5	Standard	12.500	6.13	15980.836	25261.740	7.908	11.8	-5.8	NO	NO	MM
4	200708M1_6	Standard	12.500	6.13	15343.263	24475.137	7.836	11.7	-6.6	NO	NO	bb
5	200708M1_7	Standard	12.500	6.13	15831.176	25773.268	7.678	11.4	-8.5	NO	NO	bb
6	200708M1_8	Standard	12.500	6.13	16260.476	25691.861	7.911	11.8	-5.7	NO	NO	bb
7	200708M1_9	Standard	12.500	6.13	16260.382	23289.395	8.727	13.0	4.0	NO	NO	MM
8	200708M1_10	Standard	12.500	6.13	15613.823	22680.334	8.605	12.8	2.5	NO	NO	bb
9	200708M1_11	Standard	12.500	6.13	14740.827	21487.666	8.575	12.8	2.2	NO	NO	MM
10	200708M1_12	Standard	12.500	6.13	14931.678	20233.389	9.225	13.7	9.9	NO	NO	MM

Compound name: d5-N-ETFOSA-EIS
Response Factor: 152.311
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	149.200	6.11	22162.381	22162.381	145.5	-2.5	NO	NO	bbX
2	200708M1_4	Standard	149.200	6.11	22563.031	22563.031	148.1	-0.7	NO	NO	bbX
3	200708M1_5	Standard	149.200	6.11	22593.682	22593.682	148.3	-0.6	NO	NO	bbX
4	200708M1_6	Standard	149.200	6.11	22534.115	22534.115	147.9	-0.8	NO	NO	bbX
5	200708M1_7	Standard	149.200	6.11	23775.350	23775.350	156.1	4.6	NO	NO	MMX
6	200708M1_8	Standard	149.200	6.11	22724.852	22724.852	149.2	0.0	NO	NO	bb
7	200708M1_9	Standard	149.200	6.11	22588.705	22588.705	148.3	-0.6	NO	NO	bbX
8	200708M1_10	Standard	149.200	6.11	22287.326	22287.326	146.3	-1.9	NO	NO	bbX
9	200708M1_11	Standard	149.200	6.11	22172.492	22172.492	145.6	-2.4	NO	NO	MMX
10	200708M1_12	Standard	149.200	6.11	20493.035	20493.035	134.5	-9.8	NO	NO	MMX

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Compound name: d5-N-ETFOSA-RSD
Response Factor: 0.0799796
RRF SD: 0.00411952, Relative SD: 5.15072
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	149.200	6.11	22162.381	22969.748	12.061	150.8	1.1	NO	NO	bb
2	200708M1_4	Standard	149.200	6.11	22563.031	23598.768	11.951	149.4	0.2	NO	NO	bb
3	200708M1_5	Standard	149.200	6.11	22593.682	25261.740	11.180	139.8	-6.3	NO	NO	bb
4	200708M1_6	Standard	149.200	6.11	22534.115	24475.137	11.509	143.9	-3.6	NO	NO	bb
5	200708M1_7	Standard	149.200	6.11	23808.855	25773.268	11.547	144.4	-3.2	NO	NO	MM!
6	200708M1_8	Standard	149.200	6.11	22724.852	25691.861	11.056	138.2	-7.3	NO	NO	bb
7	200708M1_9	Standard	149.200	6.11	22588.705	23289.395	12.124	151.6	1.6	NO	NO	bb
8	200708M1_10	Standard	149.200	6.11	22287.326	22680.334	12.283	153.6	2.9	NO	NO	bb
9	200708M1_11	Standard	149.200	6.11	22210.078	21487.666	12.920	161.5	8.3	NO	NO	MM
10	200708M1_12	Standard	149.200	6.11	20553.574	20233.389	12.698	158.8	6.4	NO	NO	MM

Compound name: 13C2-PFHxDA-EIS
Response Factor: 1990.81
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	12.500	6.45	24305.631	24305.631	12.2	-2.3	NO	NO	MMX
2	200708M1_4	Standard	12.500	6.45	24296.154	24296.154	12.2	-2.4	NO	NO	MMX
3	200708M1_5	Standard	12.500	6.45	23807.215	23807.215	12.0	-4.3	NO	NO	MMX
4	200708M1_6	Standard	12.500	6.45	24702.871	24702.871	12.4	-0.7	NO	NO	MMX
5	200708M1_7	Standard	12.500	6.45	24607.752	24607.752	12.4	-1.1	NO	NO	MMX
6	200708M1_8	Standard	12.500	6.45	24885.109	24885.109	12.5	0.0	NO	NO	MM
7	200708M1_9	Standard	12.500	6.45	23772.154	23772.154	11.9	-4.5	NO	NO	MMX
8	200708M1_10	Standard	12.500	6.45	24694.613	24694.613	12.4	-0.8	NO	NO	MMX
9	200708M1_11	Standard	12.500	6.45	22101.174	22101.174	11.1	-11.2	NO	NO	MMX
10	200708M1_12	Standard	12.500	6.45	22401.148	22401.148	11.3	-10.0	NO	NO	MMX

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Compound name: 13C2-PFHxDA-RSD
Response Factor: 1.02158
RRF SD: 0.0540433, Relative SD: 5.29015
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	6.45	24283.740	22969.748	13.215	12.9	3.5	NO	NO	MM
2	200708M1_4	Standard	12.500	6.45	24290.584	23598.768	12.866	12.6	0.8	NO	NO	MM
3	200708M1_5	Standard	12.500	6.45	23808.693	25261.740	11.781	11.5	-7.7	NO	NO	MM
4	200708M1_6	Standard	12.500	6.45	24836.975	24475.137	12.685	12.4	-0.7	NO	NO	MM
5	200708M1_7	Standard	12.500	6.45	24672.766	25773.268	11.966	11.7	-6.3	NO	NO	MM
6	200708M1_8	Standard	12.500	6.45	24866.797	25691.861	12.099	11.8	-5.3	NO	NO	MM
7	200708M1_9	Standard	12.500	6.45	23785.520	23289.395	12.766	12.5	-0.0	NO	NO	MM
8	200708M1_10	Standard	12.500	6.45	24708.678	22680.334	13.618	13.3	6.6	NO	NO	MM
9	200708M1_11	Standard	12.500	6.45	22158.859	21487.666	12.890	12.6	0.9	NO	NO	MM
10	200708M1_12	Standard	12.500	6.45	22355.859	20233.389	13.811	13.5	8.2	NO	NO	MM

Compound name: d7-N-MeFOSE-EIS
Response Factor: 79.6094
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	149.200	6.30	11321.333	11321.333	142.2	-4.7	NO	NO	MMX
2	200708M1_4	Standard	149.200	6.30	12972.699	12972.699	163.0	9.2	NO	NO	MMX
3	200708M1_5	Standard	149.200	6.30	11128.187	11128.187	139.8	-6.3	NO	NO	MMX
4	200708M1_6	Standard	149.200	6.30	11471.051	11471.051	144.1	-3.4	NO	NO	MMX
5	200708M1_7	Standard	149.200	6.30	12096.947	12096.947	152.0	1.8	NO	NO	MMX
6	200708M1_8	Standard	149.200	6.30	11877.717	11877.717	149.2	0.0	NO	NO	MM
7	200708M1_9	Standard	149.200	6.31	11931.568	11931.568	149.9	0.5	NO	NO	MMX
8	200708M1_10	Standard	149.200	6.30	12112.540	12112.540	152.1	2.0	NO	NO	MMX
9	200708M1_11	Standard	149.200	6.30	12381.021	12381.021	155.5	4.2	NO	NO	MMX
10	200708M1_12	Standard	149.200	6.30	11229.783	11229.783	141.1	-5.5	NO	NO	MMX

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Compound name: d7-N-MeFOSE-RSD
Response Factor: 0.0423757
RRF SD: 0.00385874, Relative SD: 9.10603
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	149.200	6.30	11389.416	22969.748	6.198	146.3	-2.0	NO	NO	MM
2	200708M1_4	Standard	149.200	6.30	12907.352	23598.768	6.837	161.3	8.1	NO	NO	MM
3	200708M1_5	Standard	149.200	6.30	11118.841	25261.740	5.502	129.8	-13.0	NO	NO	MM
4	200708M1_6	Standard	149.200	6.30	11471.740	24475.137	5.859	138.3	-7.3	NO	NO	MM
5	200708M1_7	Standard	149.200	6.30	12107.410	25773.268	5.872	138.6	-7.1	NO	NO	MM
6	200708M1_8	Standard	149.200	6.30	11799.816	25691.861	5.741	135.5	-9.2	NO	NO	MM
7	200708M1_9	Standard	149.200	6.31	11940.243	23289.395	6.409	151.2	1.4	NO	NO	MM
8	200708M1_10	Standard	149.200	6.30	12104.066	22680.334	6.671	157.4	5.5	NO	NO	MM
9	200708M1_11	Standard	149.200	6.30	12370.947	21487.666	7.197	169.8	13.8	NO	NO	MM
10	200708M1_12	Standard	149.200	6.30	11232.869	20233.389	6.940	163.8	9.8	NO	NO	MM

Compound name: d9-N-EtFOSE-EIS
Response Factor: 82.7651
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200708M1_3	Standard	149.200	6.45	11182.640	11182.640	135.1	-9.4	NO	NO	MMX
2	200708M1_4	Standard	149.200	6.45	11844.100	11844.100	143.1	-4.1	NO	NO	MMX
3	200708M1_5	Standard	149.200	6.45	11873.343	11873.343	143.5	-3.8	NO	NO	MMX
4	200708M1_6	Standard	149.200	6.45	12203.005	12203.005	147.4	-1.2	NO	NO	MMX
5	200708M1_7	Standard	149.200	6.45	12335.147	12335.147	149.0	-0.1	NO	NO	MMX
6	200708M1_8	Standard	149.200	6.44	12348.560	12348.560	149.2	0.0	NO	NO	MM
7	200708M1_9	Standard	149.200	6.45	11882.085	11882.085	143.6	-3.8	NO	NO	MMX
8	200708M1_10	Standard	149.200	6.45	11789.180	11789.180	142.4	-4.5	NO	NO	MMX
9	200708M1_11	Standard	149.200	6.45	12163.181	12163.181	147.0	-1.5	NO	NO	MMX
10	200708M1_12	Standard	149.200	6.45	12772.229	12772.229	154.3	3.4	NO	NO	MMX

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Compound name: d9-N-EtFOSE-RSD
Response Factor: 0.0431431
RRF SD: 0.00410436, Relative SD: 9.51336
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	149.200	6.45	11181.224	22969.748	6.085	141.0	-5.5	NO	NO	MM
2	200708M1_4	Standard	149.200	6.45	11875.097	23598.768	6.290	145.8	-2.3	NO	NO	MM
3	200708M1_5	Standard	149.200	6.45	11877.565	25261.740	5.877	136.2	-8.7	NO	NO	bb
4	200708M1_6	Standard	149.200	6.45	12246.530	24475.137	6.255	145.0	-2.8	NO	NO	MM
5	200708M1_7	Standard	149.200	6.45	12402.393	25773.268	6.015	139.4	-6.6	NO	NO	MM
6	200708M1_8	Standard	149.200	6.44	12342.845	25691.861	6.005	139.2	-6.7	NO	NO	MM
7	200708M1_9	Standard	149.200	6.45	11889.896	23289.395	6.382	147.9	-0.9	NO	NO	MM
8	200708M1_10	Standard	149.200	6.45	11789.686	22680.334	6.498	150.6	0.9	NO	NO	bb
9	200708M1_11	Standard	149.200	6.45	12163.181	21487.666	7.076	164.0	9.9	NO	NO	MM
10	200708M1_12	Standard	149.200	6.45	12767.110	20233.389	7.887	182.8	22.5	NO	NO	MM

Compound name: 13C4-PFBA
Response Factor: 1
RRF SD: 7.40149e-017, Relative SD: 7.40149e-015
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	1.36	5962.702	5962.702	12.500	12.5	0.0	NO	NO	MM
2	200708M1_4	Standard	12.500	1.33	6109.560	6109.560	12.500	12.5	0.0	NO	NO	MM
3	200708M1_5	Standard	12.500	1.33	6403.676	6403.676	12.500	12.5	0.0	NO	NO	MM
4	200708M1_6	Standard	12.500	1.32	6119.256	6119.256	12.500	12.5	0.0	NO	NO	MM
5	200708M1_7	Standard	12.500	1.33	6389.294	6389.294	12.500	12.5	0.0	NO	NO	MM
6	200708M1_8	Standard	12.500	1.32	6157.062	6157.062	12.500	12.5	0.0	NO	NO	MM
7	200708M1_9	Standard	12.500	1.32	6355.104	6355.104	12.500	12.5	0.0	NO	NO	MM
8	200708M1_10	Standard	12.500	1.32	6218.400	6218.400	12.500	12.5	0.0	NO	NO	MM
9	200708M1_11	Standard	12.500	1.32	6858.645	6858.645	12.500	12.5	0.0	NO	NO	MM
10	200708M1_12	Standard	12.500	1.32	6290.413	6290.413	12.500	12.5	0.0	NO	NO	MM

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Compound name: 13C5-PFHxA
Response Factor: 1
RRF SD: 1.33432e-016, Relative SD: 1.33432e-014
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	3.12	13014.759	13014.759	12.500	12.5	0.0	NO	NO	bb
2	200708M1_4	Standard	12.500	3.11	14226.861	14226.861	12.500	12.5	0.0	NO	NO	bb
3	200708M1_5	Standard	12.500	3.11	13964.611	13964.611	12.500	12.5	0.0	NO	NO	bb
4	200708M1_6	Standard	12.500	3.11	14429.465	14429.465	12.500	12.5	0.0	NO	NO	bb
5	200708M1_7	Standard	12.500	3.11	15515.364	15515.364	12.500	12.5	0.0	NO	NO	bb
6	200708M1_8	Standard	12.500	3.11	13904.121	13904.121	12.500	12.5	0.0	NO	NO	bb
7	200708M1_9	Standard	12.500	3.11	13622.165	13622.165	12.500	12.5	0.0	NO	NO	bb
8	200708M1_10	Standard	12.500	3.11	13185.069	13185.069	12.500	12.5	0.0	NO	NO	bb
9	200708M1_11	Standard	12.500	3.11	13299.839	13299.839	12.500	12.5	0.0	NO	NO	bb
10	200708M1_12	Standard	12.500	3.11	12713.842	12713.842	12.500	12.5	0.0	NO	NO	bb

Compound name: 18O2-PFHxS
Response Factor: 1
RRF SD: 6.40988e-017, Relative SD: 6.40988e-015
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	3.88	1676.817	1676.817	12.500	12.5	0.0	NO	NO	bb
2	200708M1_4	Standard	12.500	3.87	2080.981	2080.981	12.500	12.5	0.0	NO	NO	bb
3	200708M1_5	Standard	12.500	3.87	2085.931	2085.931	12.500	12.5	0.0	NO	NO	bb
4	200708M1_6	Standard	12.500	3.87	2045.788	2045.788	12.500	12.5	0.0	NO	NO	bb
5	200708M1_7	Standard	12.500	3.87	2077.248	2077.248	12.500	12.5	0.0	NO	NO	bb
6	200708M1_8	Standard	12.500	3.87	2036.593	2036.593	12.500	12.5	0.0	NO	NO	bb
7	200708M1_9	Standard	12.500	3.87	2099.047	2099.047	12.500	12.5	0.0	NO	NO	bb
8	200708M1_10	Standard	12.500	3.87	1879.717	1879.717	12.500	12.5	0.0	NO	NO	bb
9	200708M1_11	Standard	12.500	3.87	1881.583	1881.583	12.500	12.5	0.0	NO	NO	bb
10	200708M1_12	Standard	12.500	3.87	1821.404	1821.404	12.500	12.5	0.0	NO	NO	MM

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Compound name: 13C8-PFOA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	4.24	21774.033	21774.033	12.500	12.5	0.0	NO	NO	bb
2	200708M1_4	Standard	12.500	4.24	23601.328	23601.328	12.500	12.5	0.0	NO	NO	bb
3	200708M1_5	Standard	12.500	4.24	22300.717	22300.717	12.500	12.5	0.0	NO	NO	bb
4	200708M1_6	Standard	12.500	4.24	23908.840	23908.840	12.500	12.5	0.0	NO	NO	MM
5	200708M1_7	Standard	12.500	4.24	24318.871	24318.871	12.500	12.5	0.0	NO	NO	bb
6	200708M1_8	Standard	12.500	4.24	21286.393	21286.393	12.500	12.5	0.0	NO	NO	bb
7	200708M1_9	Standard	12.500	4.24	22558.705	22558.705	12.500	12.5	0.0	NO	NO	bb
8	200708M1_10	Standard	12.500	4.24	21075.037	21075.037	12.500	12.5	0.0	NO	NO	bb
9	200708M1_11	Standard	12.500	4.24	20566.754	20566.754	12.500	12.5	0.0	NO	NO	MM
10	200708M1_12	Standard	12.500	4.24	17776.957	17776.957	12.500	12.5	0.0	NO	NO	MM

Compound name: 13C9-PFNA
Response Factor: 1
RRF SD: 9.06493e-017, Relative SD: 9.06493e-015
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	4.68	14091.791	14091.791	12.500	12.5	0.0	NO	NO	bb
2	200708M1_4	Standard	12.500	4.68	15196.036	15196.036	12.500	12.5	0.0	NO	NO	bb
3	200708M1_5	Standard	12.500	4.68	15372.920	15372.920	12.500	12.5	0.0	NO	NO	MM
4	200708M1_6	Standard	12.500	4.68	15910.540	15910.540	12.500	12.5	0.0	NO	NO	MM
5	200708M1_7	Standard	12.500	4.68	15857.792	15857.792	12.500	12.5	0.0	NO	NO	bb
6	200708M1_8	Standard	12.500	4.68	14086.853	14086.853	12.500	12.5	0.0	NO	NO	bb
7	200708M1_9	Standard	12.500	4.68	15030.584	15030.584	12.500	12.5	0.0	NO	NO	bb
8	200708M1_10	Standard	12.500	4.68	14314.450	14314.450	12.500	12.5	0.0	NO	NO	bb
9	200708M1_11	Standard	12.500	4.68	13546.166	13546.166	12.500	12.5	0.0	NO	NO	MM
10	200708M1_12	Standard	12.500	4.68	12251.019	12251.019	12.500	12.5	0.0	NO	NO	MM

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Compound name: 13C4-PFOS
Response Factor: 1
RRF SD: 1.33432e-016, Relative SD: 1.33432e-014
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	4.76	3553.063	3553.063	12.500	12.5	0.0	NO	NO	bb
2	200708M1_4	Standard	12.500	4.76	4111.977	4111.977	12.500	12.5	0.0	NO	NO	bb
3	200708M1_5	Standard	12.500	4.76	3801.956	3801.956	12.500	12.5	0.0	NO	NO	bb
4	200708M1_6	Standard	12.500	4.76	3722.677	3722.677	12.500	12.5	0.0	NO	NO	bb
5	200708M1_7	Standard	12.500	4.76	4417.748	4417.748	12.500	12.5	0.0	NO	NO	MM
6	200708M1_8	Standard	12.500	4.76	3941.968	3941.968	12.500	12.5	0.0	NO	NO	bb
7	200708M1_9	Standard	12.500	4.76	4061.267	4061.267	12.500	12.5	0.0	NO	NO	MM
8	200708M1_10	Standard	12.500	4.76	3706.736	3706.736	12.500	12.5	0.0	NO	NO	bb
9	200708M1_11	Standard	12.500	4.76	3663.627	3663.627	12.500	12.5	0.0	NO	NO	bb
10	200708M1_12	Standard	12.500	4.76	3481.487	3481.487	12.500	12.5	0.0	NO	NO	bb

Compound name: 13C6-PFDA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	5.05	17073.691	17073.691	12.500	12.5	0.0	NO	NO	bb
2	200708M1_4	Standard	12.500	5.05	19507.832	19507.832	12.500	12.5	0.0	NO	NO	bb
3	200708M1_5	Standard	12.500	5.05	19173.234	19173.234	12.500	12.5	0.0	NO	NO	bb
4	200708M1_6	Standard	12.500	5.05	18451.916	18451.916	12.500	12.5	0.0	NO	NO	bb
5	200708M1_7	Standard	12.500	5.05	19802.070	19802.070	12.500	12.5	0.0	NO	NO	bb
6	200708M1_8	Standard	12.500	5.05	17674.045	17674.045	12.500	12.5	0.0	NO	NO	bb
7	200708M1_9	Standard	12.500	5.05	18572.779	18572.779	12.500	12.5	0.0	NO	NO	bb
8	200708M1_10	Standard	12.500	5.05	17579.076	17579.076	12.500	12.5	0.0	NO	NO	bb
9	200708M1_11	Standard	12.500	5.05	16908.516	16908.516	12.500	12.5	0.0	NO	NO	bb
10	200708M1_12	Standard	12.500	5.05	15705.097	15705.097	12.500	12.5	0.0	NO	NO	MM

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Compound name: 13C7-PFUdA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

1	200708M1_3	Standard	12.500	5.38	22969.748	22969.748	12.500	12.5	0.0	NO	NO	bb
2	200708M1_4	Standard	12.500	5.38	23598.768	23598.768	12.500	12.5	0.0	NO	NO	bb
3	200708M1_5	Standard	12.500	5.38	25261.740	25261.740	12.500	12.5	0.0	NO	NO	MM
4	200708M1_6	Standard	12.500	5.38	24475.137	24475.137	12.500	12.5	0.0	NO	NO	bb
5	200708M1_7	Standard	12.500	5.38	25773.268	25773.268	12.500	12.5	0.0	NO	NO	MM
6	200708M1_8	Standard	12.500	5.38	25691.861	25691.861	12.500	12.5	0.0	NO	NO	bd
7	200708M1_9	Standard	12.500	5.38	23289.395	23289.395	12.500	12.5	0.0	NO	NO	bb
8	200708M1_10	Standard	12.500	5.38	22680.334	22680.334	12.500	12.5	0.0	NO	NO	bb
9	200708M1_11	Standard	12.500	5.38	21487.666	21487.666	12.500	12.5	0.0	NO	NO	MM
10	200708M1_12	Standard	12.500	5.38	20233.389	20233.389	12.500	12.5	0.0	NO	NO	MM

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

Name: 200708M1_8, Date: 08-Jul-2020, Time: 16:01:57, ID: ST200708M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

1	PFBA	47	0.9999	NO
2	PFPrS	51	0.9995	NO
3	3:3 FTCA	49	0.9978	NO
4	PFPeA	49	1.0000	NO
5	PFBS	51	0.9995	NO
6	4:2 FTS	55	0.9999	NO
7	PFHxA	57	0.9999	NO
8	PFPeS	51	0.9994	NO
9	HFPO-DA	53	0.9997	NO
10	5:3 FTCA	59	0.9987	NO
11	PFHpA	59	0.9991	NO
12	ADONA	59	0.9992	NO
13	L-PFHxS	61	0.9999	NO
15	6:2 FTS	63	0.9998	NO
16	L-PFOA	69	0.9994	NO
18	PFecHS	69	0.9997	NO
19	PFHpS	73	0.9991	NO
20	7:3 FTCA	65	0.9987	NO
21	PFNA	65	0.9994	NO
22	PFOSA	67	0.9970	NO
23	L-PFOS	73	0.9983	NO
25	9Cl-PF3ONS	73	0.9982	NO
26	PFDA	75	0.9986	NO
27	8:2 FTS	77	0.9996	NO
28	PFNS	73	0.9917	NO
29	L-MeFOSAA	79	0.9995	NO

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Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:14:46 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

Name: 200708M1_8, Date: 08-Jul-2020, Time: 16:01:57, ID: ST200708M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

31	L-EtFOSAA	83	0.9995	NO	
33	PFUdA	81	0.9997	NO	
34	PFDS	73	0.9990	NO	
35	11Cl-PF30UdS	85	0.9992	NO	
36	10:2 FTS	87	0.9952	NO	
37	PFDoA	85	0.9991	NO	
38	N-MeFOSA	89	0.9992	NO	
39	PFTrDA	85	0.9995	NO	
40	PFDoS	91	0.9997	NO	
41	PFTeDA	91	0.9983	NO	
42	N-EtFOSA	93	0.9994	NO	
43	PFHxDA	95	0.9997	NO	
44	PFODA	95	0.9993	NO	
45	N-MeFOSE	97	0.9994	NO	
46	N-EtFOSE	99	0.9995	NO	
47	13C3-PFBA-EIS			NO	0.000
48	13C3-PFBA-RSD	101		NO	2.729
49	13C3-PFPeA-EIS			NO	0.000
50	13C3-PFPeA-RSD	102		NO	5.019
51	13C3-PFBS-EIS			NO	0.000
52	13C3-PFBS-RSD	103		NO	5.910
53	13C3-HFPO-DA-EIS			NO	0.000
54	13C3-HFPO-DA-RSD	102		NO	7.169
55	13C2-4:2 FTS-EIS			NO	0.000
56	13C2-4:2 FTS-RSD	103		NO	12.222
57	13C2-PFHxA-EIS			NO	0.000
58	13C2-PFHxA-RSD	102		NO	3.621
59	13C4-PFHpA-EIS			NO	0.000
60	13C4-PFHpA-RSD	102		NO	5.786
61	13C3-PFHxS-EIS			NO	0.000
62	13C3-PFHxS-RSD	103		NO	9.136
63	13C2-6:2 FTS-EIS			NO	0.000

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Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
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Name: 200708M1_8, Date: 08-Jul-2020, Time: 16:01:57, ID: ST200708M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

64	13C2-6:2 FTS-RSD	106	NO	8.988
65	13C5-PFNA-EIS		NO	0.000
66	13C5-PFNA-RSD	105	NO	4.514
67	13C8-PFOSA-EIS		NO	0.000
68	13C8-PFOSA-RSD	108	NO	7.177
69	13C2-PFOA-EIS		NO	0.000
70	13C2-PFOA-RSD	104	NO	3.384
73	13C8-PFOS-EIS		NO	0.000
74	13C8-PFOS-RSD	106	NO	6.526
75	13C2-PFDA-EIS		NO	0.000
76	13C2-PFDA-RSD	107	NO	6.092
77	13C2-8:2 FTS-EIS		NO	0.000
78	13C2-8:2 FTS-RSD	106	NO	8.128
79	d3-N-MeFOSAA-EIS		NO	0.000
80	d3-N-MeFOSAA-RSD	108	NO	6.416
81	13C2-PFUdA-EIS		NO	0.000
82	13C2-PFUdA-RSD	108	NO	4.748
83	d5-N-EtFOSAA-EIS		NO	0.000
84	d5-N-EtFOSAA-RSD	108	NO	6.460
85	13C2-PFDoA-EIS		NO	0.000
86	13C2-PFDoA-RSD	107	NO	7.361
87	13C2-10:2 FTS-EIS		NO	0.000
88	13C2-10:2 FTS-RSD	106	NO	16.848
89	d3-N-MeFOSA-EIS		NO	0.000
90	d3-N-MeFOSA-RSD	108	NO	6.651
91	13C2-PFTeDA-EIS		NO	0.000
92	13C2-PFTeDA-RSD	108	NO	6.439
93	d5-N-ETFOSA-EIS		NO	0.000
94	d5-N-ETFOSA-RSD	108	NO	5.151
95	13C2-PFHxDA-EIS		NO	0.000
96	13C2-PFHxDA-RSD	108	NO	5.290
97	d7-N-MeFOSE-EIS		NO	0.000
98	d7-N-MeFOSE-RSD	108	NO	9.106
99	d9-N-EtFOSE-EIS		NO	0.000
1...	d9-N-EtFOSE-RSD	108	NO	9.513
1...	13C4-PFBA	101	NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:14:46 Pacific Daylight Time

Name: 200708M1_8, Date: 08-Jul-2020, Time: 16:01:57, ID: ST200708M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

				SD
1...	13C5-PFHxA	102	NO	0.000
1...	18O2-PFHxS	103	NO	0.000
1...	13C8-PFOA	104	NO	0.000
1...	13C9-PFNA	105	NO	0.000
1...	13C4-PFOS	106	NO	0.000
1...	13C6-PFDA	107	NO	0.000
1...	13C7-PFUdA	108	NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

Name: 200708M1_8, Date: 08-Jul-2020, Time: 16:01:57, ID: ST200708M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

1	PFBA	1.32	1.33			
2	PFPrS	1.71	1.66	2.371	2.371	NO
3	3:3 FTCA	2.14	2.14	1.921	1.921	NO
4	PFPeA	2.28	2.28			
5	PFBS	2.57	2.58	2.453	2.453	NO
6	4:2 FTS	3.02	3.02	1.950	1.950	NO
7	PFHxA	3.11	3.11	17.120	17.120	NO
8	PFPeS	3.24	3.32	1.612	1.612	NO
9	HFPO-DA	3.34	3.34	2.321	2.321	NO
10	5:3 FTCA	3.67	3.67	1.532	1.532	NO
11	PFHpA	3.72	3.72	9.136	9.136	NO
12	ADONA	3.82	3.83	3.523	3.523	NO
13	L-PFHxS	3.87	3.87	1.640	1.640	NO
15	6:2 FTS	4.18	4.18	2.226	2.226	NO
16	L-PFOA	4.24	4.24	3.751	3.751	NO
18	PFecHS	4.26	4.26	1.001	1.001	NO
19	PFHpS	4.37	4.35	1.981	1.981	NO
20	7:3 FTCA	4.67	4.67	1.466	1.466	NO
21	PFNA	4.68	4.68	3.873	3.873	NO
22	PFOSA	4.72	4.73	29.330	29.330	NO
23	L-PFOS	4.76	4.76	1.926	1.926	NO
25	9Cl-PF30NS	4.97	4.98	19.003	19.003	NO
26	PFDA	5.05	5.05	5.396	5.396	NO
27	8:2 FTS	5.03	5.03	1.696	1.696	NO
28	PFNS	5.10	5.12	1.696	1.696	NO
29	L-MeFOSAA	5.20	5.21	2.658	2.658	NO

Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

Name: 200708M1_8, Date: 08-Jul-2020, Time: 16:01:57, ID: ST200708M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	31 L-EtFOSAA	5.36	5.36	1.407	1.407	NO
	33 PFUdA	5.38	5.38	8.743	8.743	NO
	34 PFDS	5.40	5.43	1.542	1.542	NO
	35 11Cl-PF30UdS	5.60	5.59	21.113	21.113	NO
	36 10:2 FTS	5.65	5.65	1.510	1.510	NO
	37 PFDoA	5.66	5.66	8.281	8.281	NO
	38 N-MeFOSA	5.67	5.66	1.425	1.425	NO
	39 PFTrDA	5.92	5.91	8.432	8.432	NO
	40 PFDoS	5.93	5.94	1.746	1.746	NO
	41 PFTeDA	6.13	6.13	12.947	12.947	NO
	42 N-EtFOSA	6.09	6.09	1.476	1.476	NO
	43 PFHxDA	6.45	6.45	26.379	26.379	NO
	44 PFODA	6.66	6.67			
	45 N-MeFOSE	6.30	6.31			
	46 N-EtFOSE	6.44	6.46			

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Dataset: Untitled

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Printed: Thursday, July 09, 2020 10:18:21 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

Compound name: PFBA

1	200708M1_1	IPA	08-Jul-20	14:48:54
2	200708M1_2	IPA	08-Jul-20	14:59:15
3	200708M1_3	ST200708M1-1 PFC CS-2 20F1901	08-Jul-20	15:09:37
4	200708M1_4	ST200708M1-2 PFC CS-1 20F1902	08-Jul-20	15:20:19
5	200708M1_5	ST200708M1-3 PFC CS0 20F1903	08-Jul-20	15:30:45
6	200708M1_6	ST200708M1-4 PFC CS1 20F1904	08-Jul-20	15:41:09
7	200708M1_7	ST200708M1-5 PFC CS2 20F1905	08-Jul-20	15:51:35
8	200708M1_8	ST200708M1-6 PFC CS3 20F1906	08-Jul-20	16:01:57
9	200708M1_9	ST200708M1-7 PFC CS4 20F1907	08-Jul-20	16:12:19
10	200708M1_10	ST200708M1-8 PFC CS5 20F1908	08-Jul-20	16:22:41
11	200708M1_11	ST200708M1-9 PFC CS6 20F1909	08-Jul-20	16:33:04
12	200708M1_12	ST200708M1-10 PFC CS7 20F1910	08-Jul-20	16:43:26
13	200708M1_13	IB	08-Jul-20	16:53:48
14	200708M1_14	ICV200708M1-1 PFC ICV 20F1911	08-Jul-20	17:04:11
15	200708M1_15	IB	08-Jul-20	17:14:33

Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
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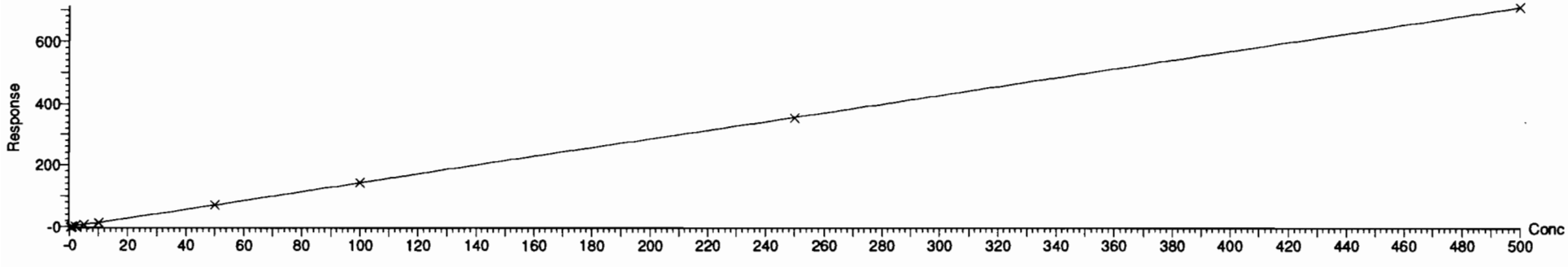
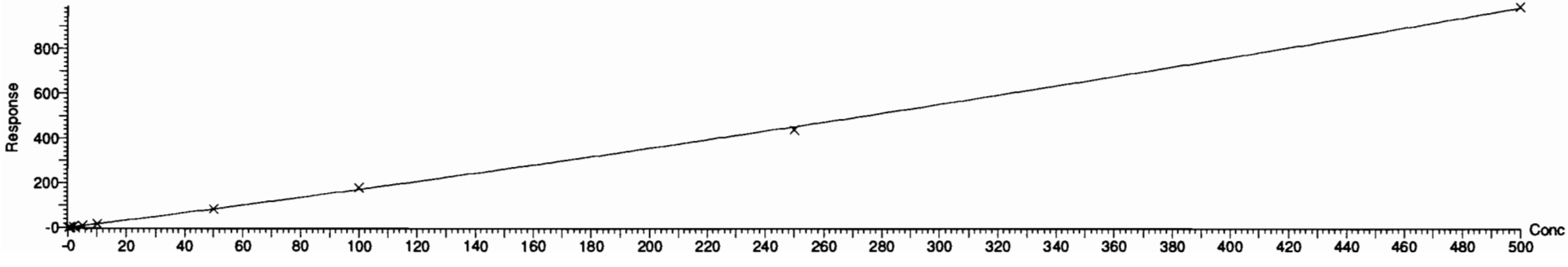
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

Compound name: PFBA
Coefficient of Determination: R^2 = 0.999944
Calibration curve: -2.45274e-005 * x^2 + 1.43514 * x + -0.158591
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999487
Calibration curve: 0.000605525 * x^2 + 1.66427 * x + 0.0215845
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
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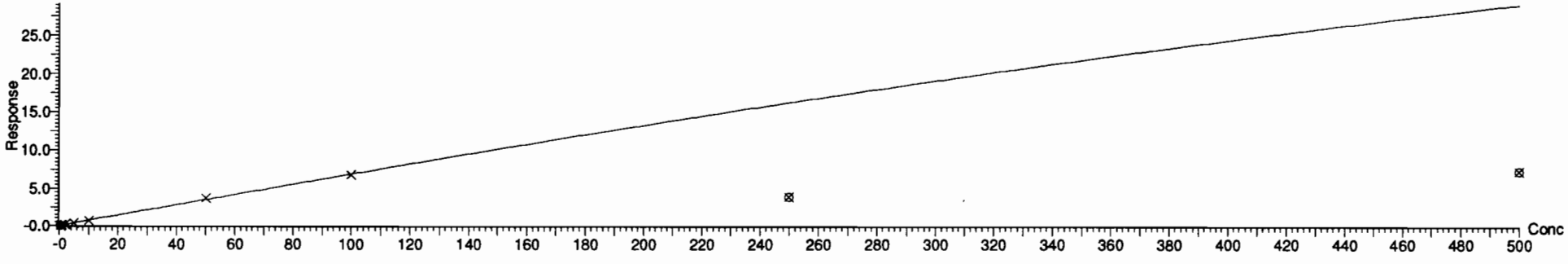
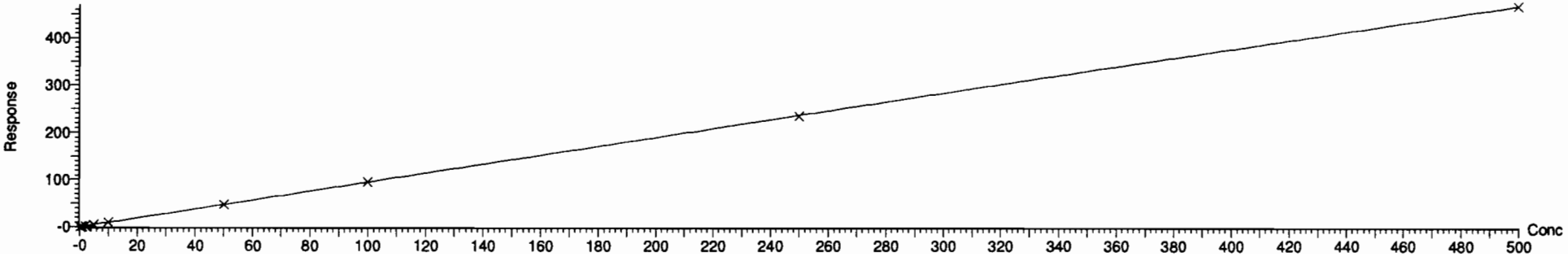
Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.997805
Calibration curve: -2.80477e-005 * x^2 + 0.0722393 * x + -0.00526289
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999963
Calibration curve: -5.58971e-005 * x^2 + 0.965015 * x + -0.00198908
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
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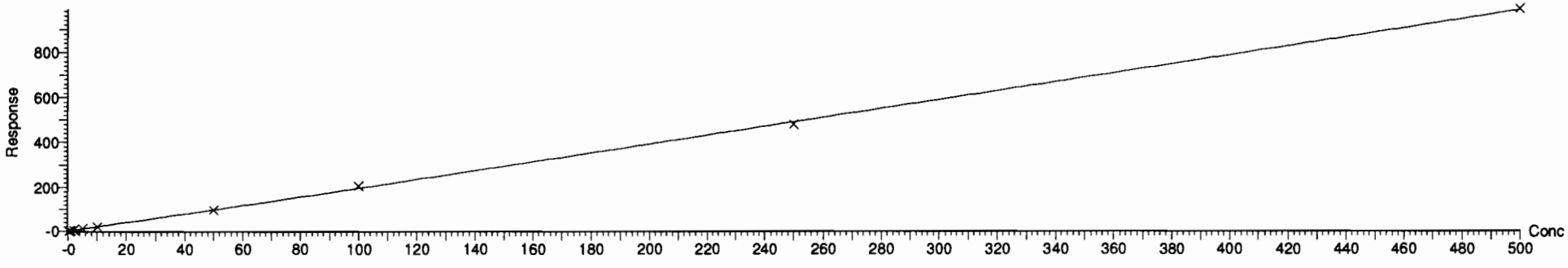
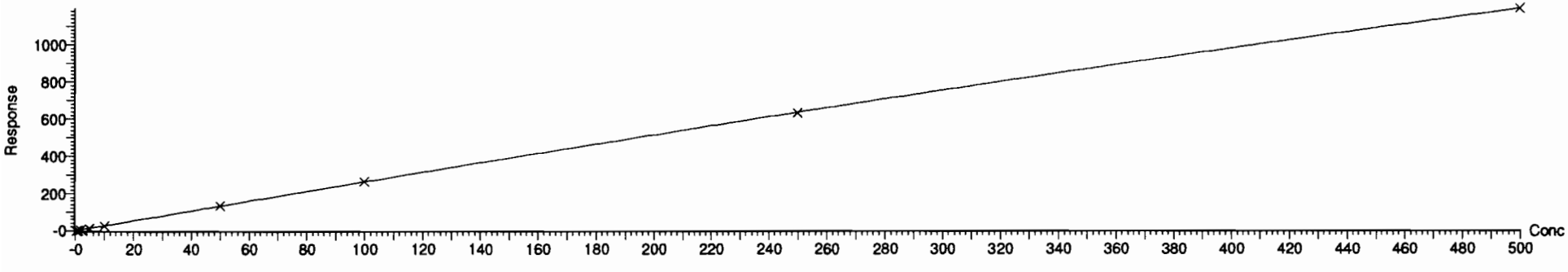
Compound name: PFBS
Coefficient of Determination: R^2 = 0.999482
Calibration curve: 4.53883e-005 * x^2 + 1.9507 * x + 0.021584
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.999906
Calibration curve: -0.000634083 * x^2 + 2.70215 * x + -0.170074
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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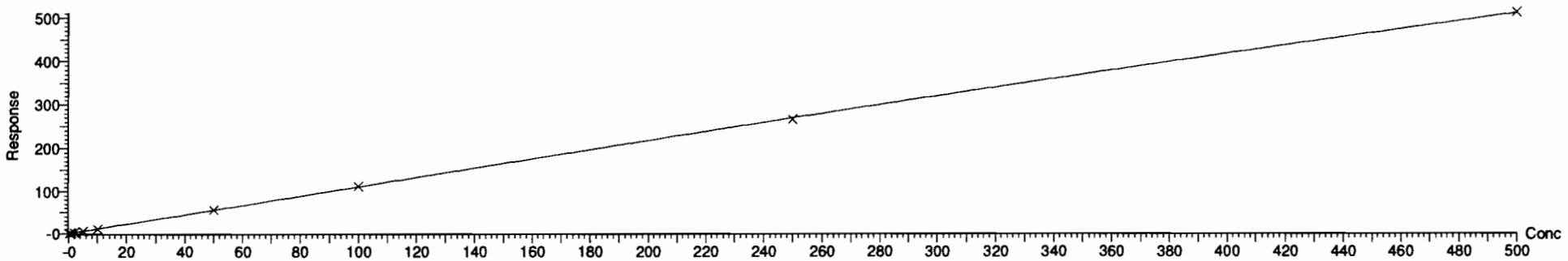
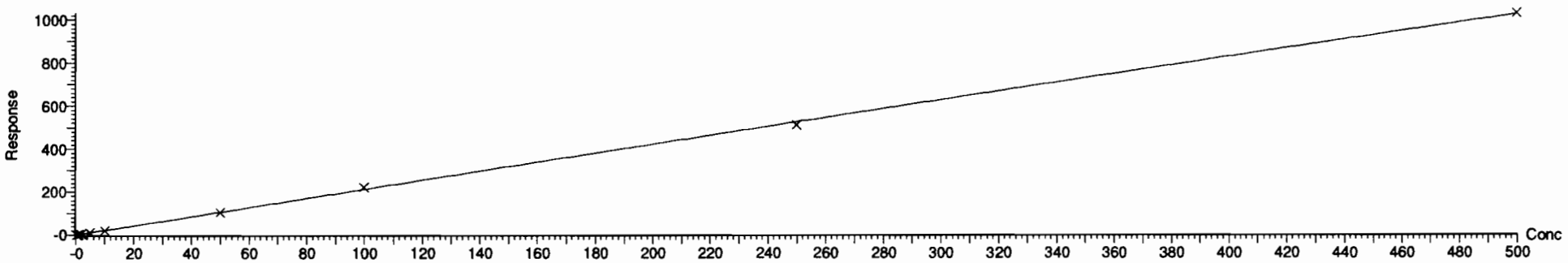
Compound name: PFHxA
Coefficient of Determination: R^2 = 0.999919
Calibration curve: -0.00022153 * x^2 + 1.13263 * x + 0.0316668
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999448
Calibration curve: -0.000192851 * x^2 + 2.14905 * x + -0.0252405
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
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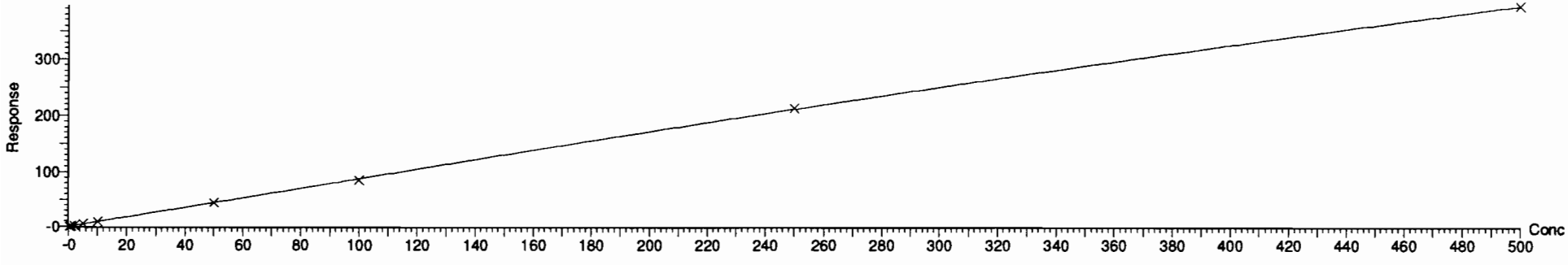
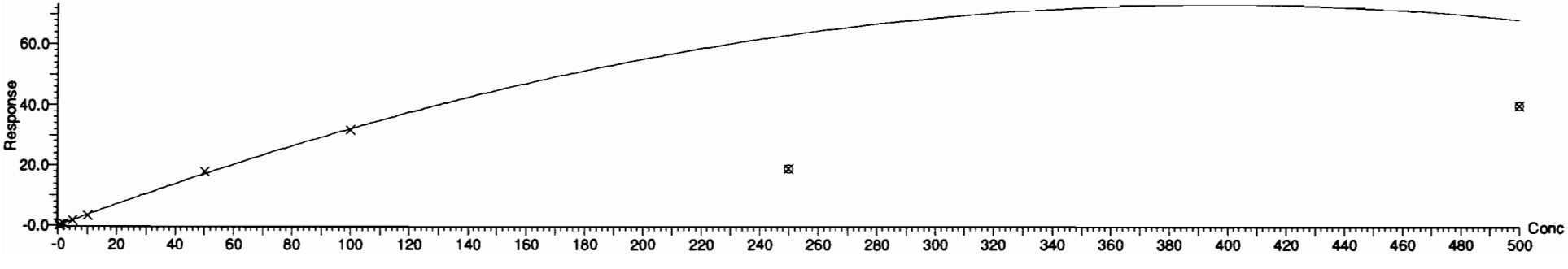
Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.999703
Calibration curve: -0.000226809 * x^2 + 0.905113 * x + -0.0763897
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.998709
Calibration curve: -0.000464645 * x^2 + 0.369072 * x + -0.0327699
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
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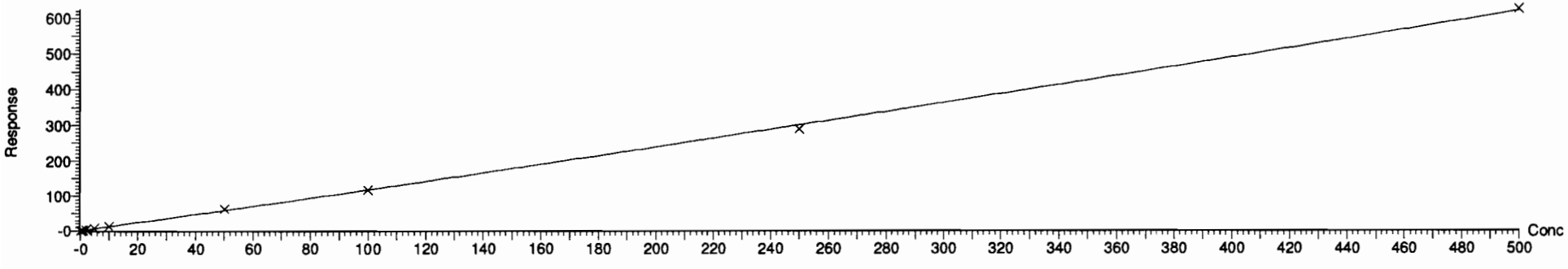
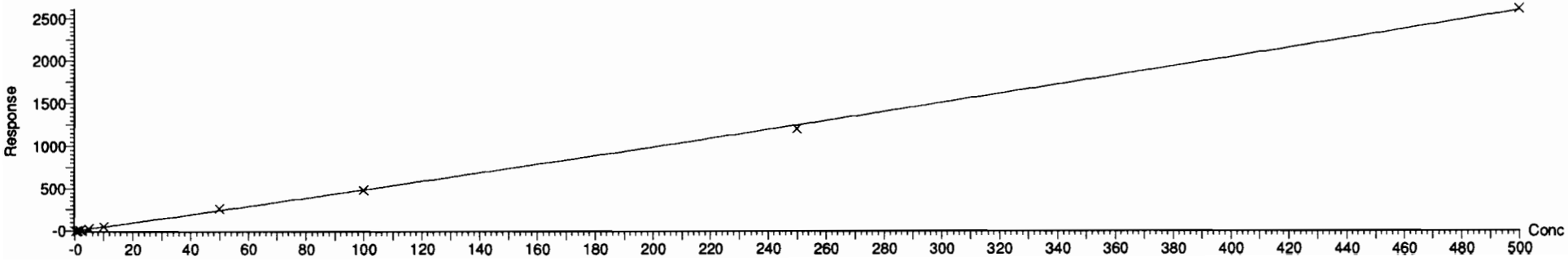
Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999123
Calibration curve: 0.000161526 * x^2 + 1.15899 * x + 0.0915454
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: ADONA
Coefficient of Determination: R^2 = 0.999208
Calibration curve: 0.000851872 * x^2 + 4.75939 * x + 0.256802
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
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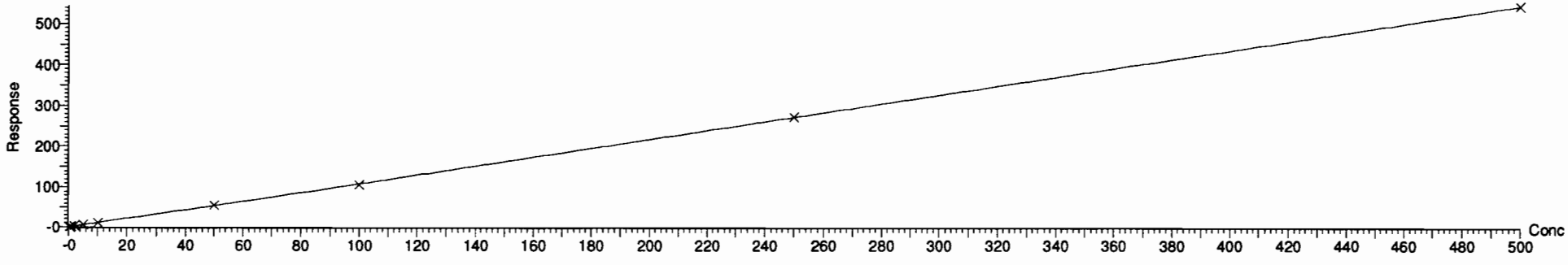
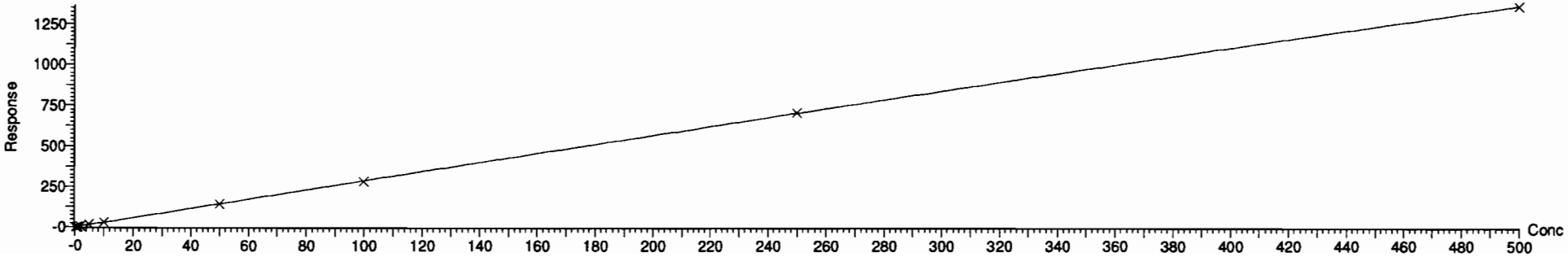
Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.999856
Calibration curve: -3.04277e-006 * x^2 + 1.09027 * x + 0.00990427
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



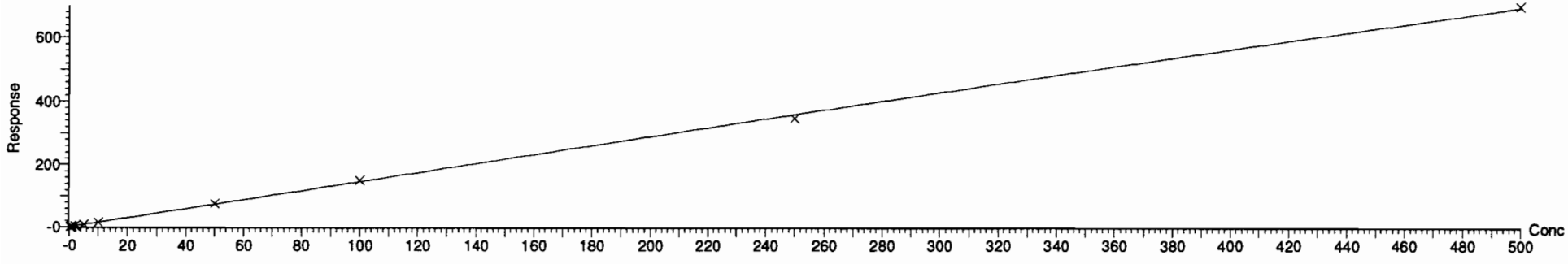
Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.999819
Calibration curve: -0.000360108 * x^2 + 2.90597 * x + 0.0788564
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



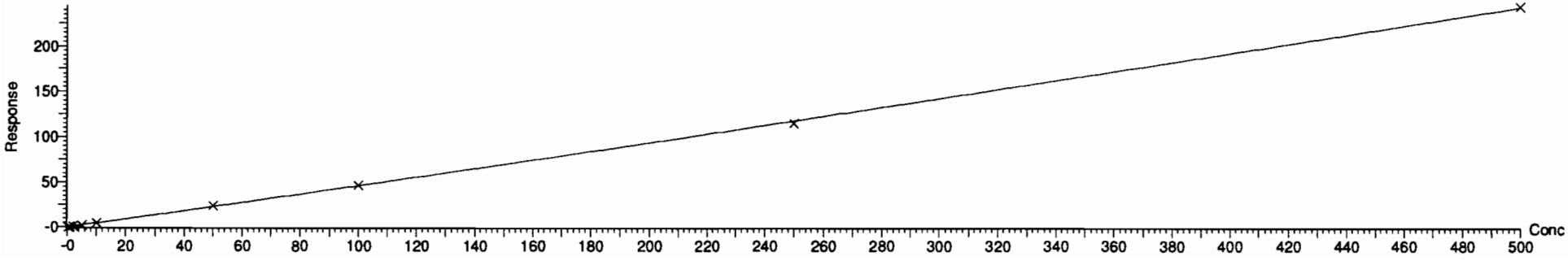
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:16:41 Pacific Daylight Time

Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999446
Calibration curve: -0.000202942 * x^2 + 1.48998 * x + 0.074726
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



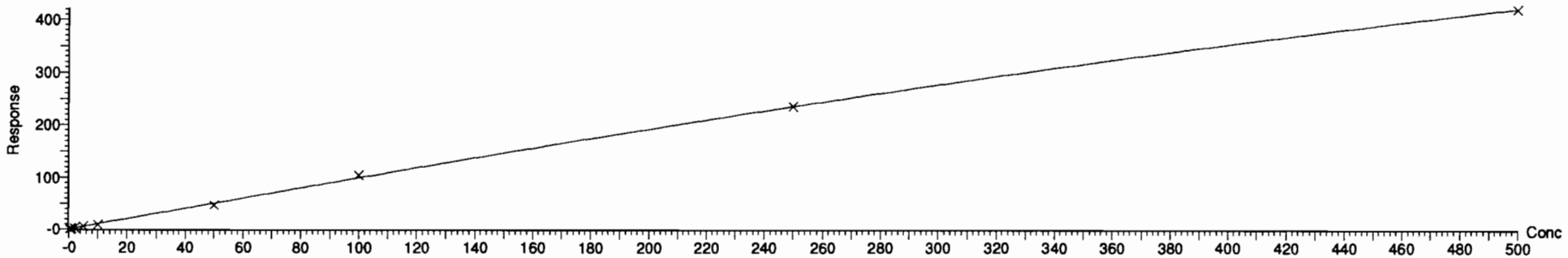
Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999707
Calibration curve: 6.12191e-005 * x^2 + 0.456858 * x + -0.00362987
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



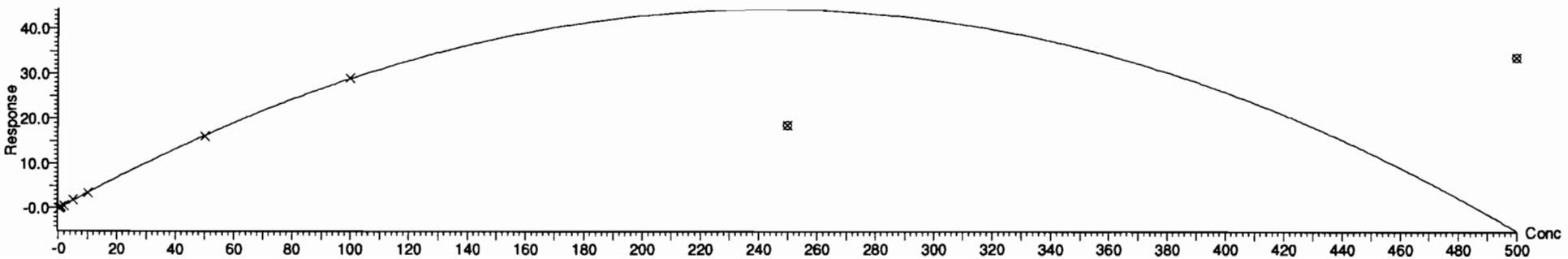
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:16:41 Pacific Daylight Time

Compound name: PFHpS
Coefficient of Determination: R^2 = 0.999127
Calibration curve: -0.000406738 * x^2 + 1.04678 * x + -0.109167
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



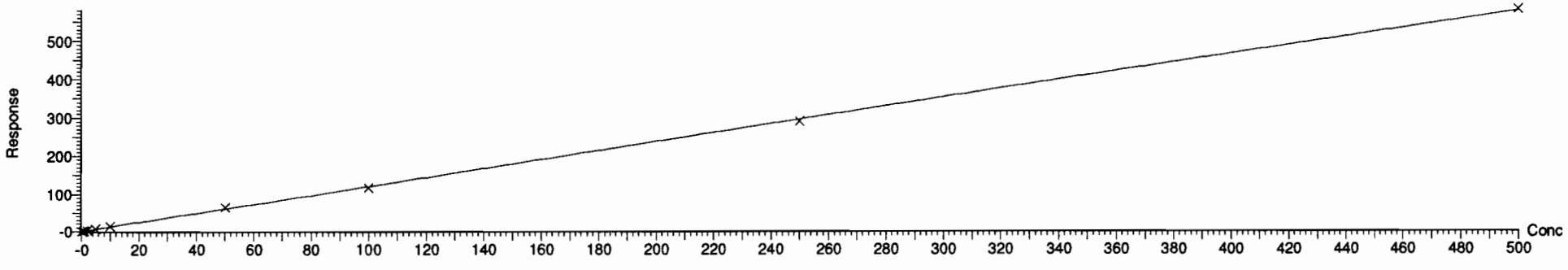
Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.998657
Calibration curve: -0.000748409 * x^2 + 0.364478 * x + -0.0409883
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



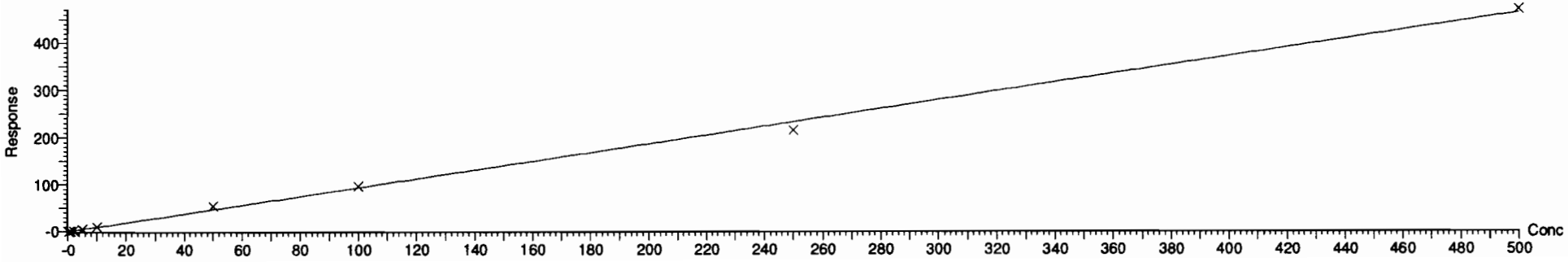
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:16:41 Pacific Daylight Time

Compound name: PFNA
Coefficient of Determination: R^2 = 0.999369
Calibration curve: -0.000108408 * x^2 + 1.20904 * x + 0.0784965
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



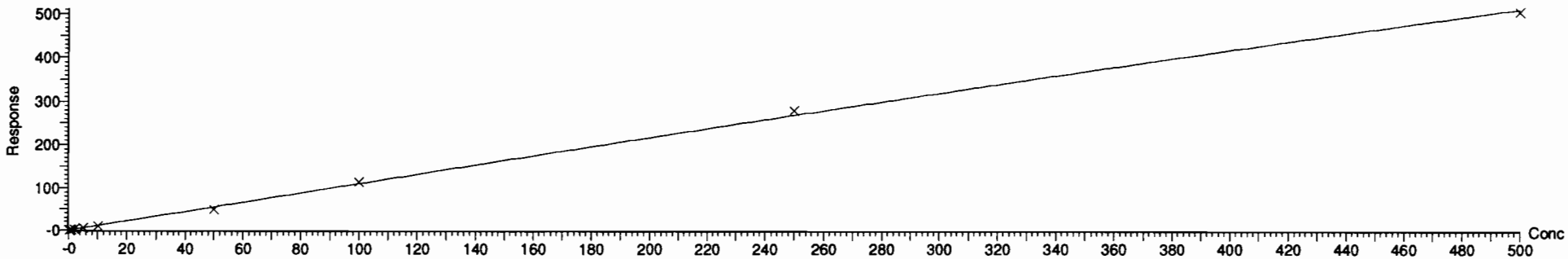
Compound name: PFOSA
Coefficient of Determination: R^2 = 0.996985
Calibration curve: -6.61679e-006 * x^2 + 0.930233 * x + 0.0409936
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



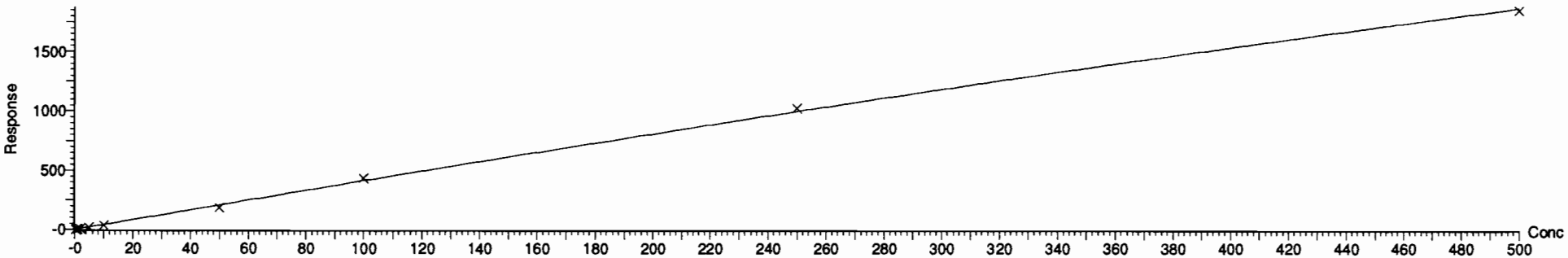
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:16:41 Pacific Daylight Time

Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.998269
Calibration curve: -0.000208886 * x^2 + 1.12935 * x + -0.0982756
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



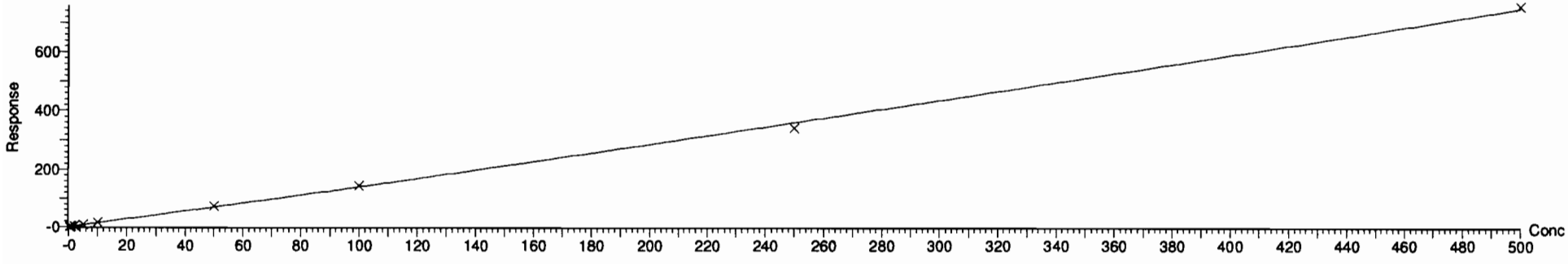
Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.998215
Calibration curve: -0.00107349 * x^2 + 4.28144 * x + -0.342553
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



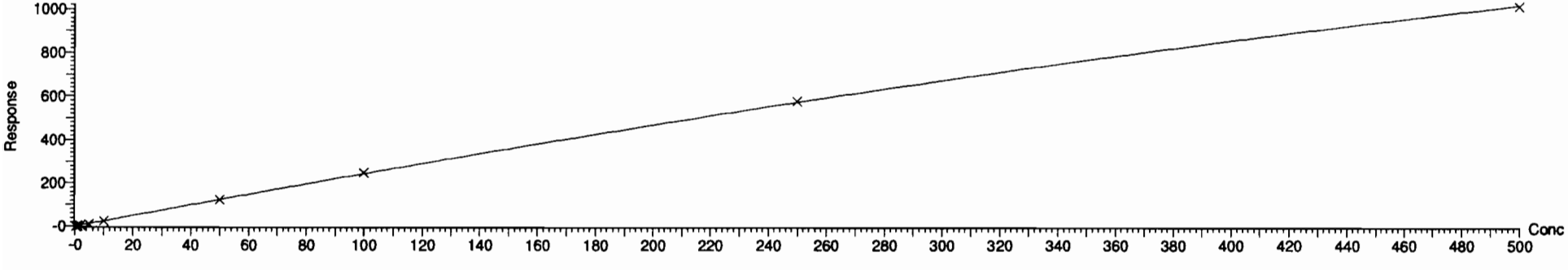
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:16:41 Pacific Daylight Time

Compound name: PFDA
Coefficient of Determination: R^2 = 0.998619
Calibration curve: 0.000218247 * x^2 + 1.38933 * x + 0.132785
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



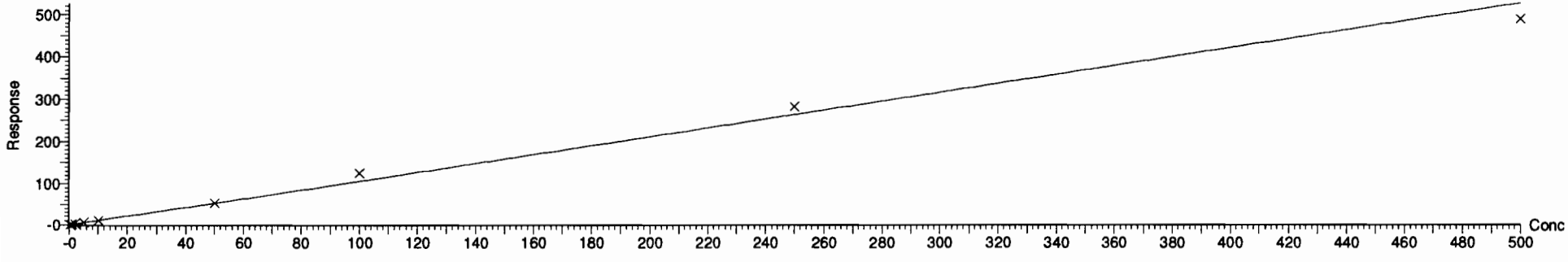
Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.999564
Calibration curve: -0.00103508 * x^2 + 2.55836 * x + -0.166582
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



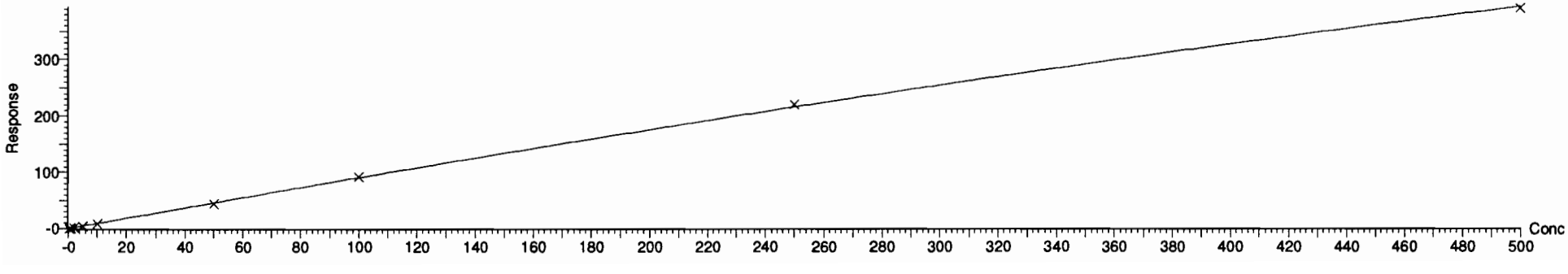
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:16:41 Pacific Daylight Time

Compound name: PFNS
Correlation coefficient: r = 0.995855, r^2 = 0.991727
Calibration curve: 1.05308 * x + 0.0279789
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.999486
Calibration curve: -0.000301068 * x^2 + 0.938721 * x + -0.0850125
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



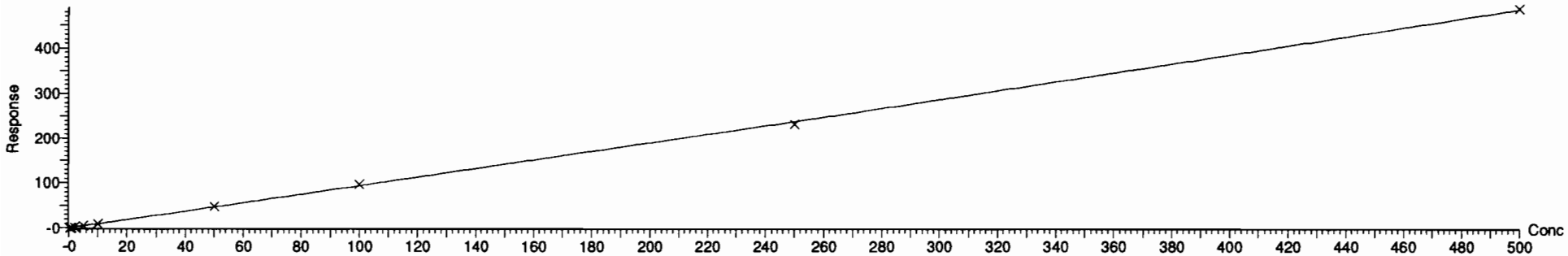
Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

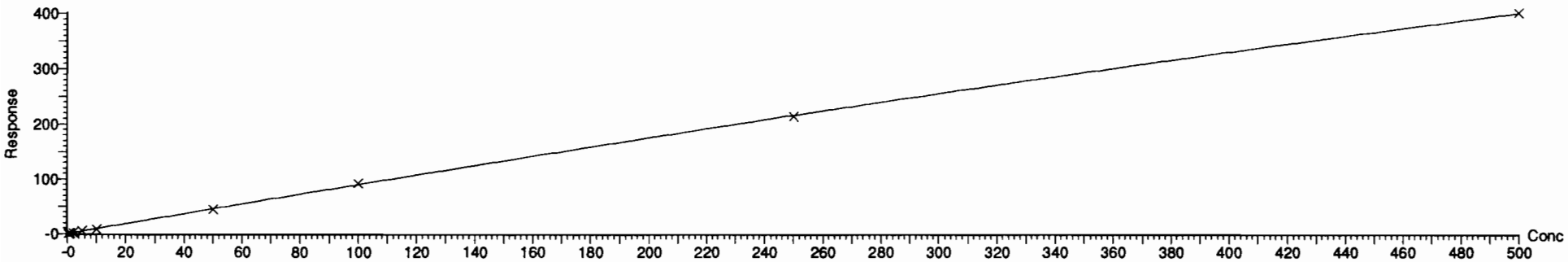
Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:17:05 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999537
Calibration curve: 7.17937e-005 * x^2 + 0.936702 * x + -0.0657425
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



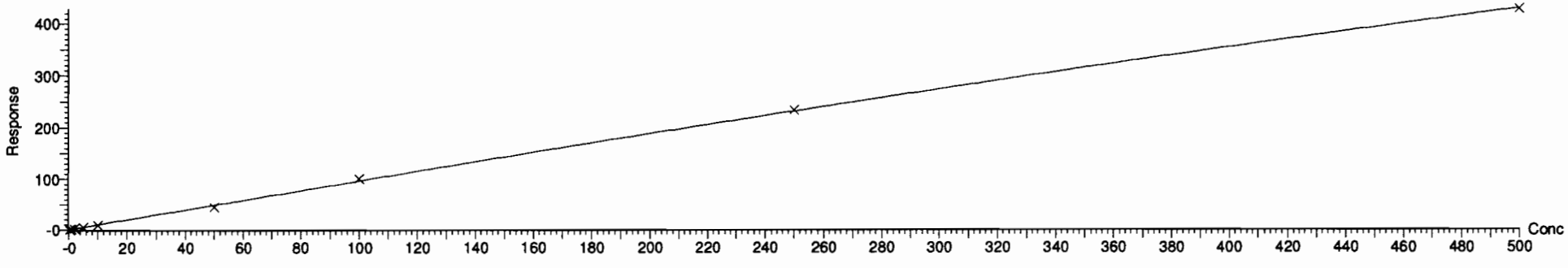
Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999709
Calibration curve: -0.000252446 * x^2 + 0.928535 * x + 0.0483564
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



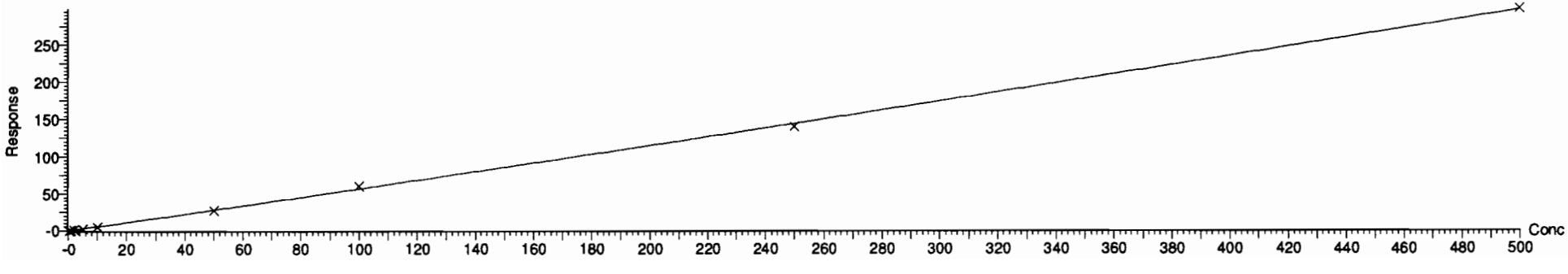
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:17:05 Pacific Daylight Time

Compound name: PFDS
Coefficient of Determination: R^2 = 0.999009
Calibration curve: -0.000267848 * x^2 + 0.993901 * x + -0.103766
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



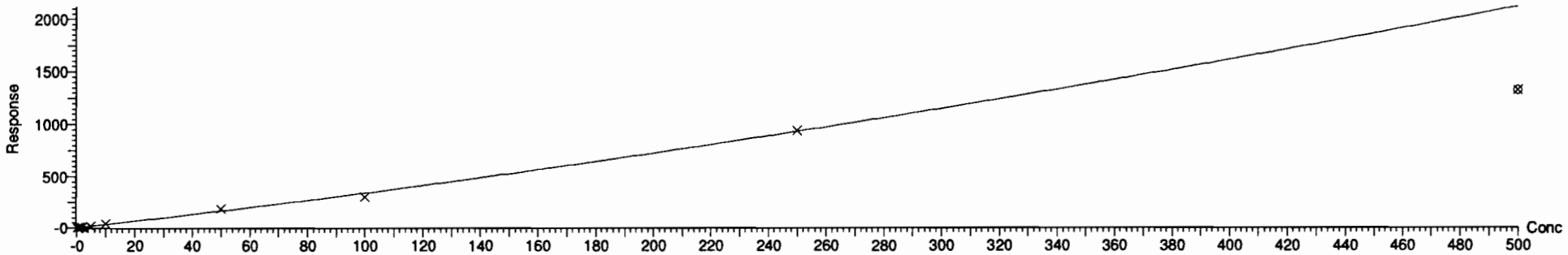
Compound name: 11Cl-PF30UdS
Coefficient of Determination: R^2 = 0.999232
Calibration curve: 7.12391e-005 * x^2 + 0.558434 * x + -0.00287677
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



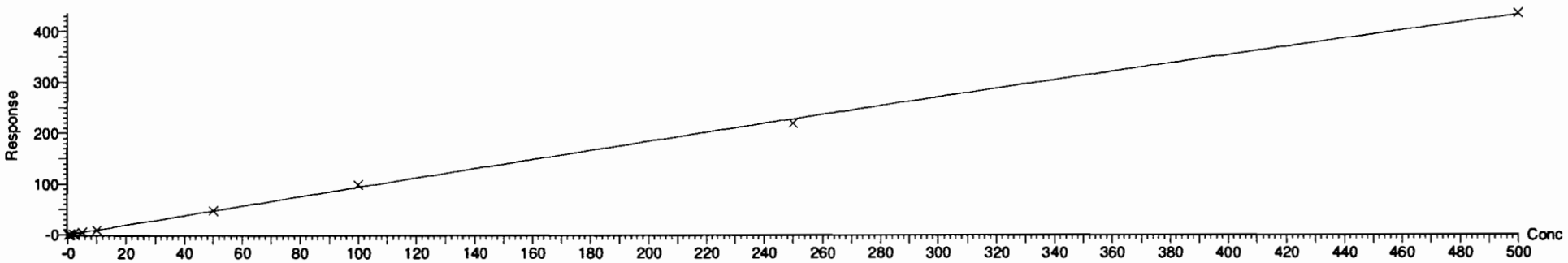
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:17:05 Pacific Daylight Time

Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.995236
Calibration curve: 0.00207431 * x^2 + 3.20121 * x + 0.0309863
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



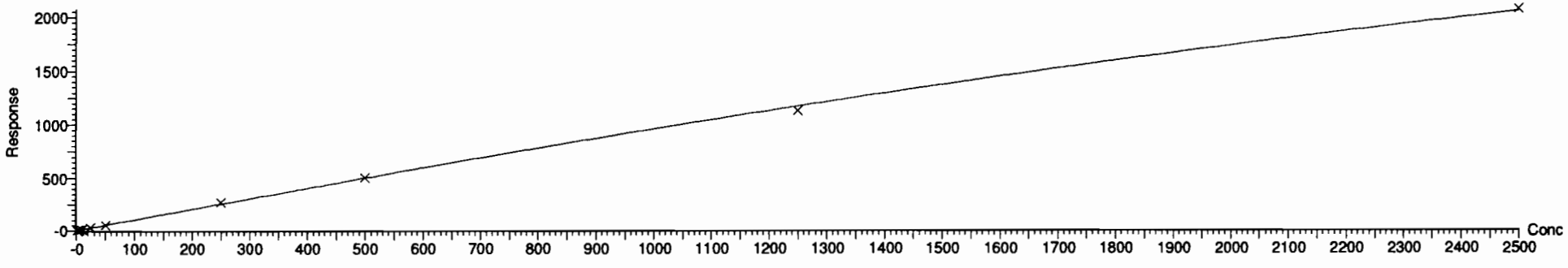
Compound name: PFDoA
Coefficient of Determination: R^2 = 0.999112
Calibration curve: -0.000177253 * x^2 + 0.953102 * x + 0.178393
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



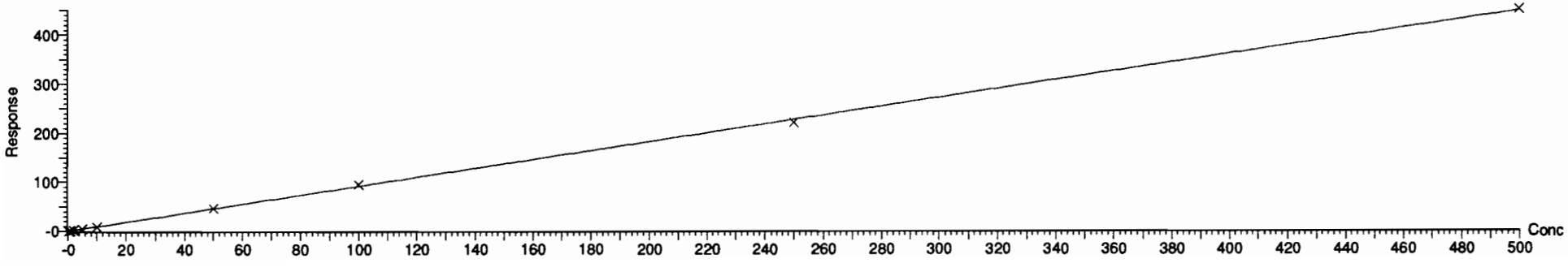
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:17:05 Pacific Daylight Time

Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999214
Calibration curve: -9.17873e-005 * x^2 + 1.05216 * x + 0.104052
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



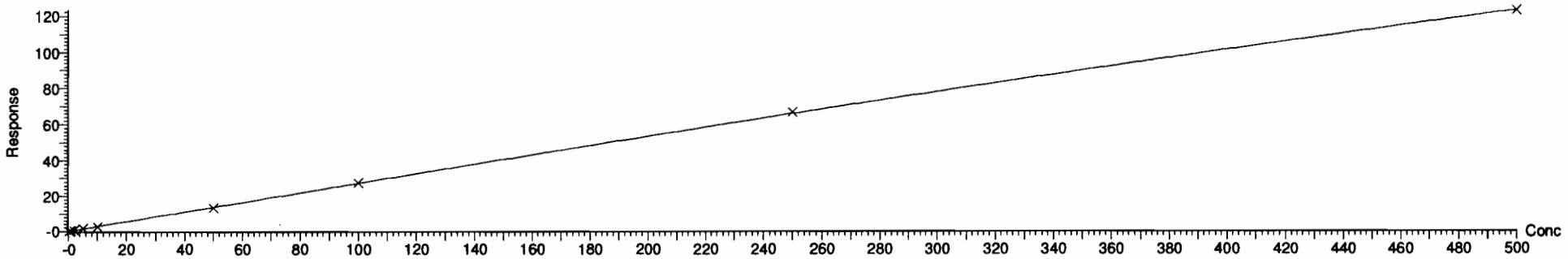
Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.999474
Calibration curve: -4.74084e-005 * x^2 + 0.920175 * x + 0.0452806
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



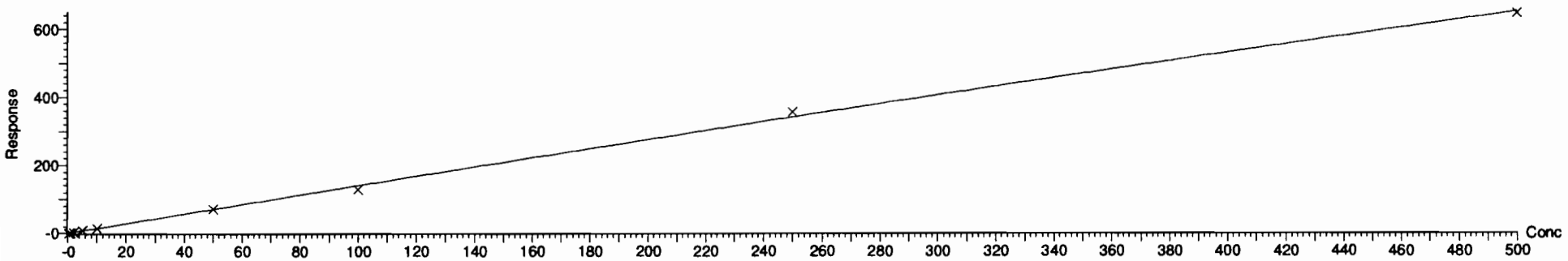
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:17:05 Pacific Daylight Time

Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999668
Calibration curve: -6.76627e-005 * x^2 + 0.280677 * x + -0.00867327
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



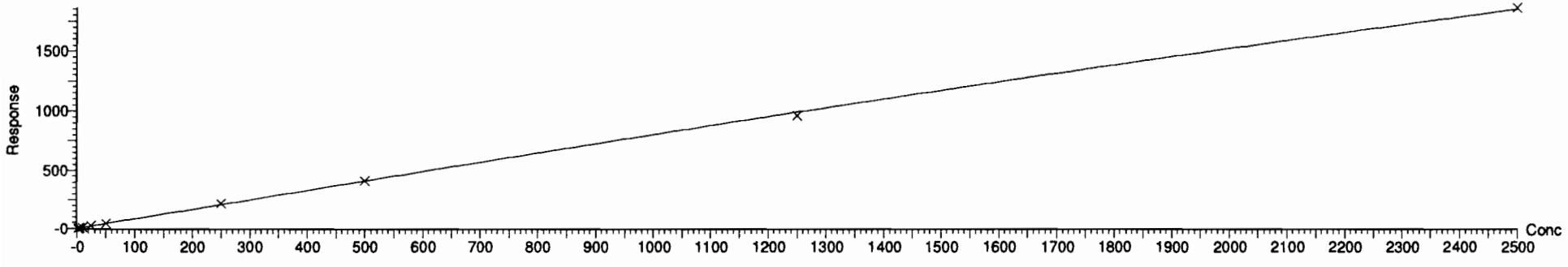
Compound name: PFTeDA
Coefficient of Determination: R^2 = 0.998347
Calibration curve: -0.000244929 * x^2 + 1.42312 * x + 0.101619
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



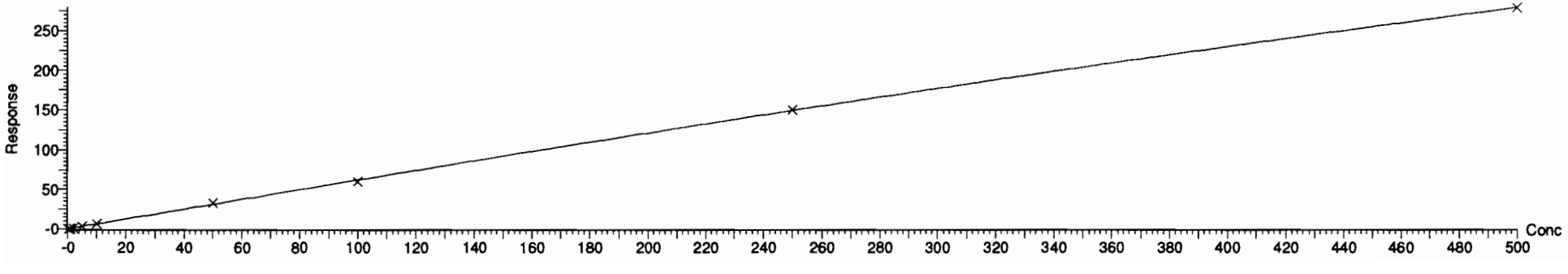
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:17:05 Pacific Daylight Time

Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999443
Calibration curve: -4.12301e-005 * x^2 + 0.843423 * x + 0.233393
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



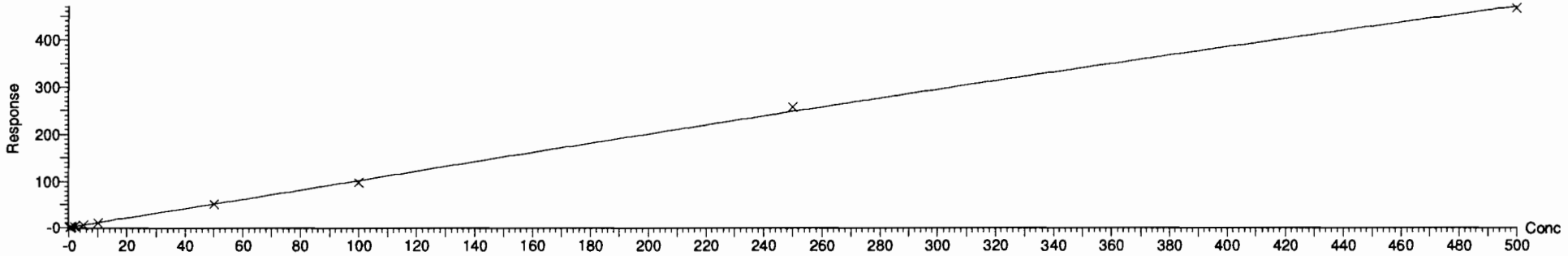
Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999720
Calibration curve: -0.000159677 * x^2 + 0.638299 * x + 0.0976639
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



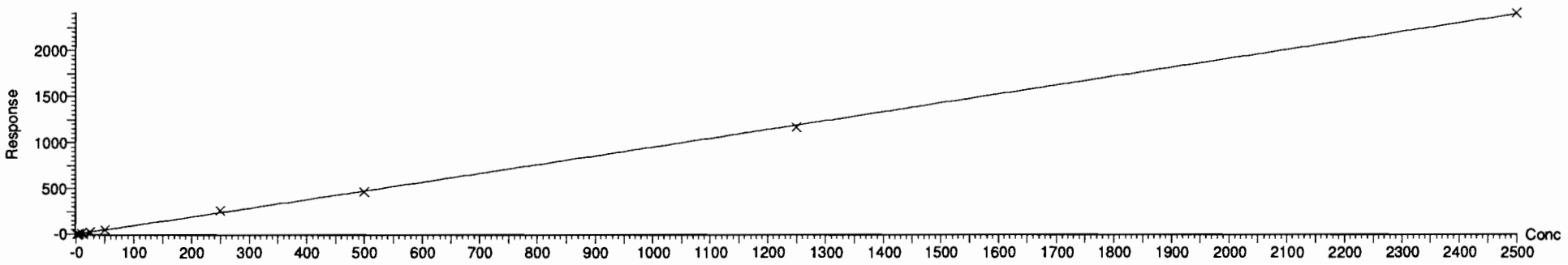
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:17:05 Pacific Daylight Time

Compound name: PFODA
Coefficient of Determination: R^2 = 0.999269
Calibration curve: -0.000203013 * x^2 + 1.04439 * x + -0.0169289
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



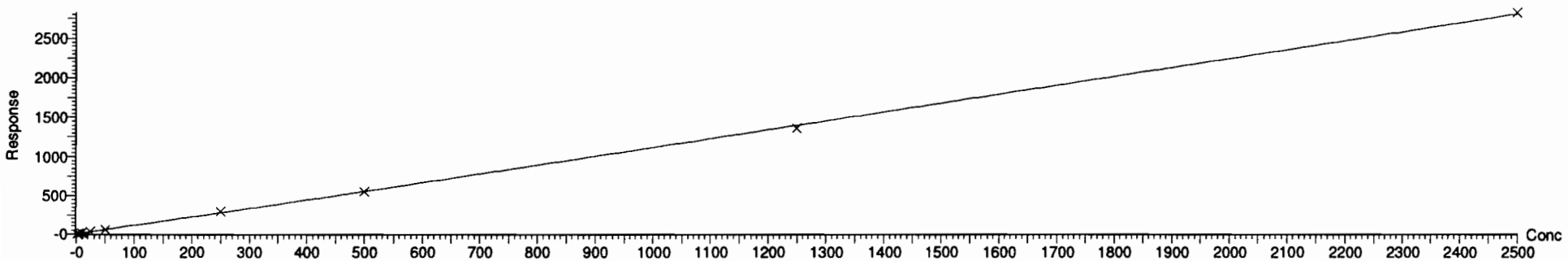
Compound name: N-MeFOSE
Coefficient of Determination: R^2 = 0.999368
Calibration curve: 6.3867e-006 * x^2 + 0.942462 * x + 0.242346
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 10:10:06 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:17:05 Pacific Daylight Time

Compound name: N-EtFOSE
Coefficient of Determination: R^2 = 0.999472
Calibration curve: 5.37739e-006 * x^2 + 1.11036 * x + 0.0955806
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Vista Analytical Laboratory

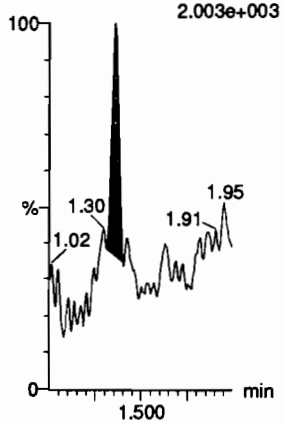
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

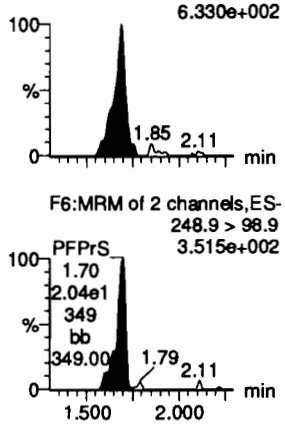
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: 09 Jul 2020 09:21:30

Name: 200708M1_3, Date: 08-Jul-2020, Time: 15:09:37, ID: ST200708M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

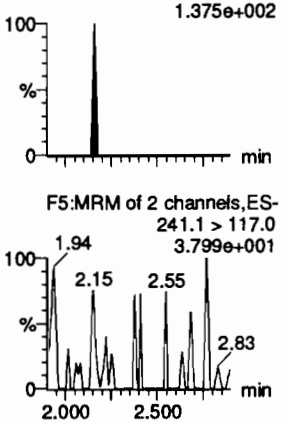
PFBA



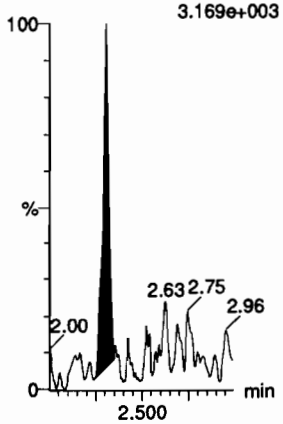
PFPrS



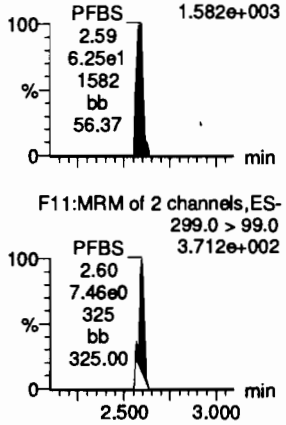
3:3 FTCA



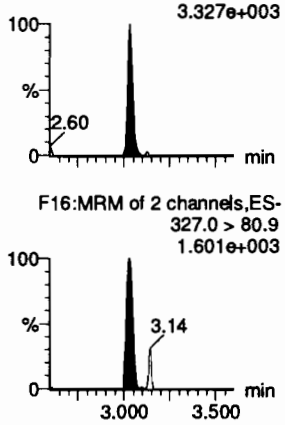
PFPeA



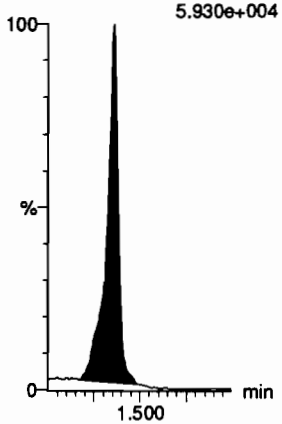
PFBS



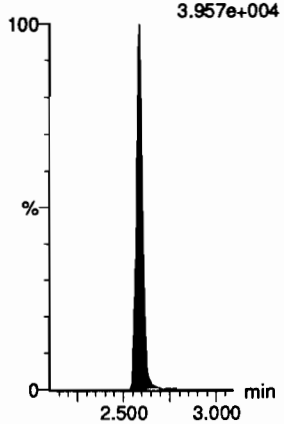
4:2 FTS



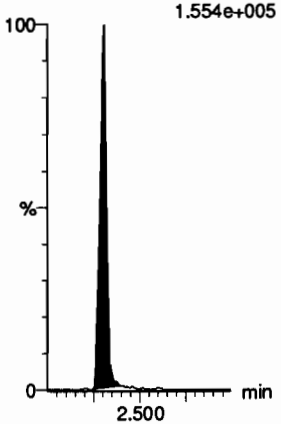
13C3-PFBA-EIS



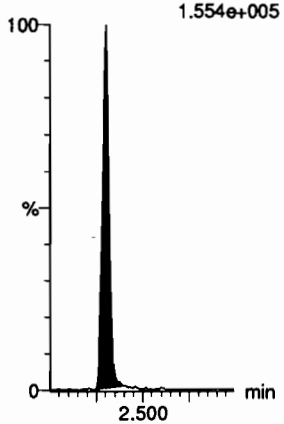
13C3-PFBS-EIS



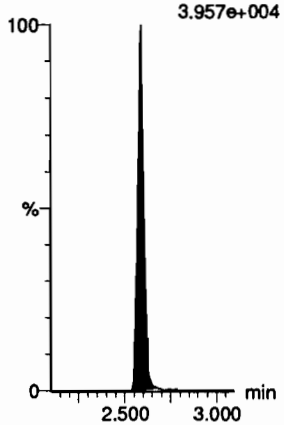
13C3-PFPeA-EIS



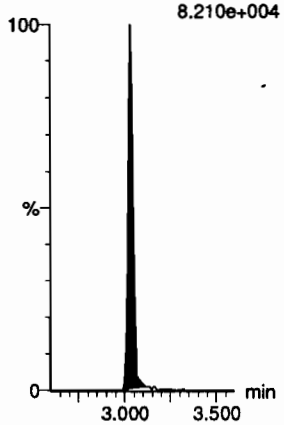
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

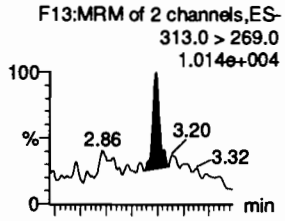


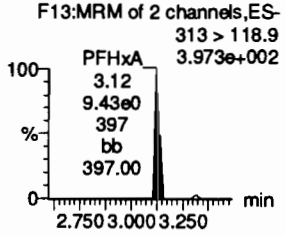
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

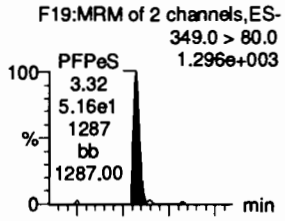
Name: 200708M1_3, Date: 08-Jul-2020, Time: 15:09:37, ID: ST200708M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

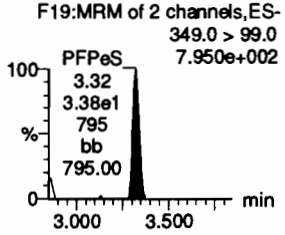
PFHxA



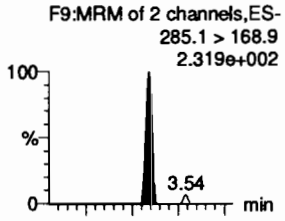


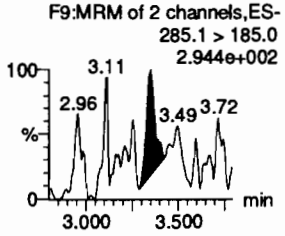
PFPeS



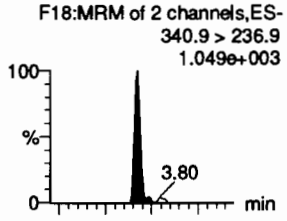


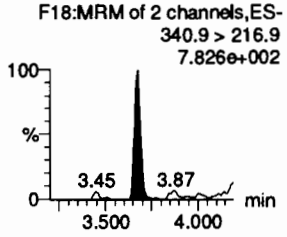
HFPO-DA



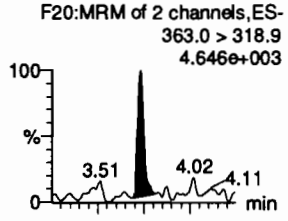


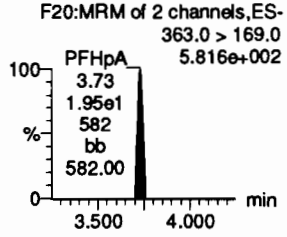
5:3 FTCA



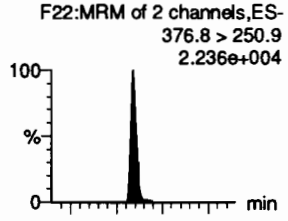


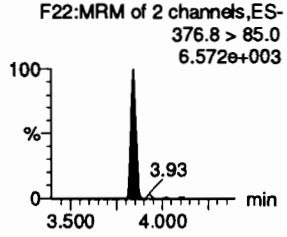
PFHpA



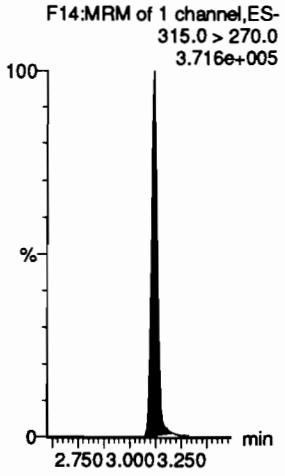


ADONA

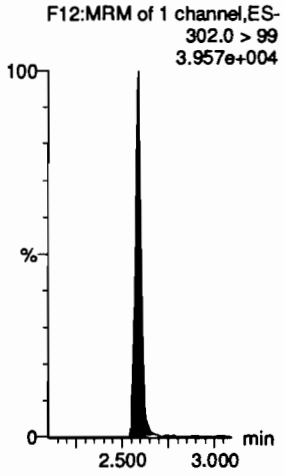




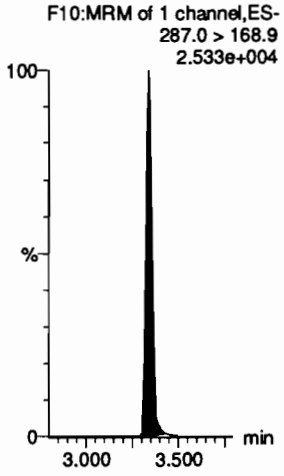
13C2-PFHxA-EIS



13C3-PFBS-EIS

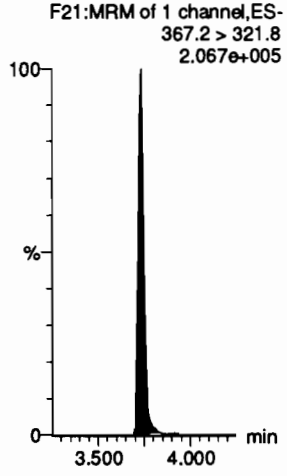


13C3-HFPO-DA-EIS

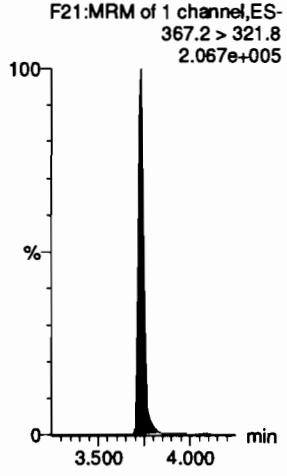


13C4-PFHpA-EIS

13C4-PFHpA-EIS



13C4-PFHpA-EIS



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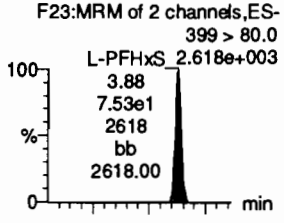
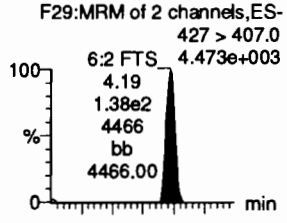
Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_3, Date: 08-Jul-2020, Time: 15:09:37, ID: ST200708M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

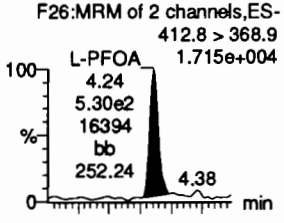
L-PFHxS



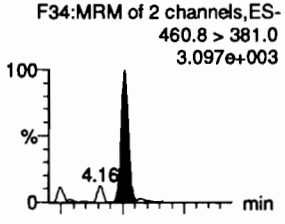
6:2 FTS



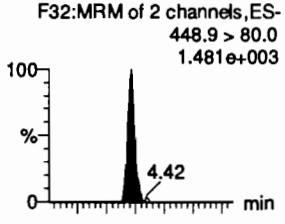
L-PFOA



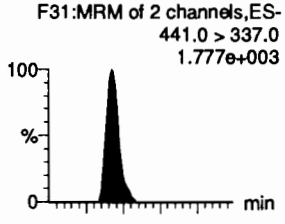
PFEChS



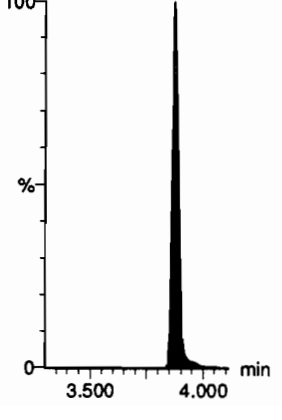
PFHpS



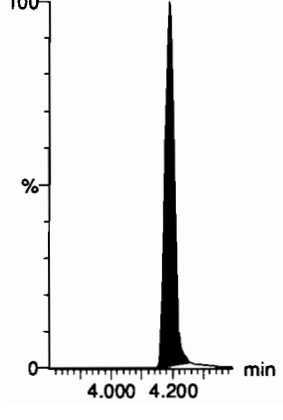
7:3 FTCA



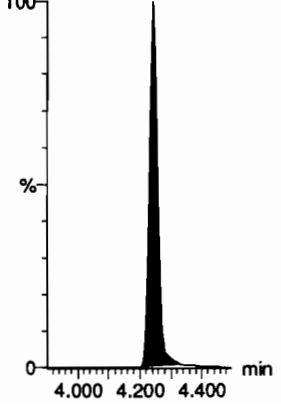
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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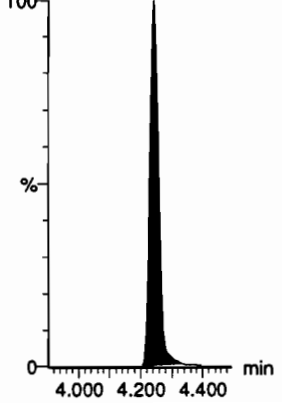
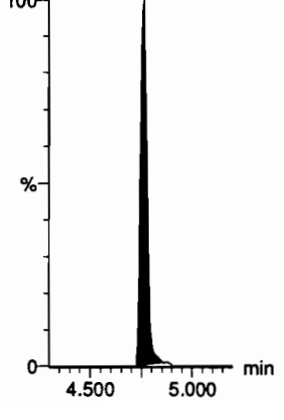
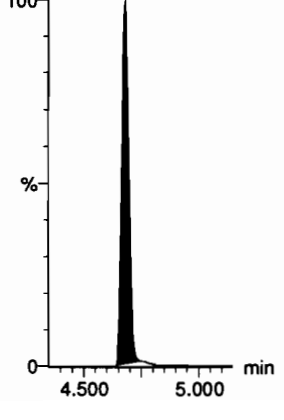


13C8-PFOS-EIS



13C5-PFNA-EIS



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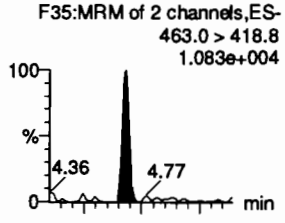
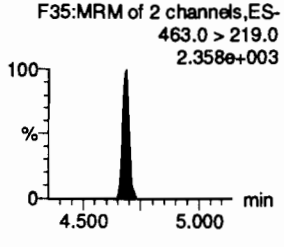
Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

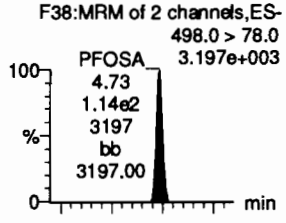
Name: 200708M1_3, Date: 08-Jul-2020, Time: 15:09:37, ID: ST200708M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

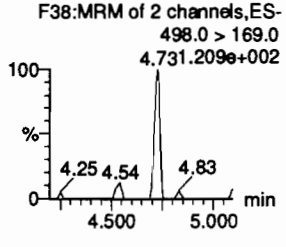
PFNA



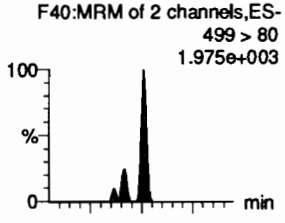


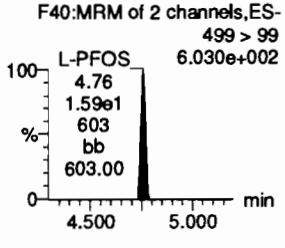
PFOSA



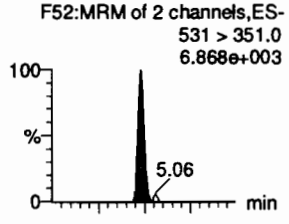


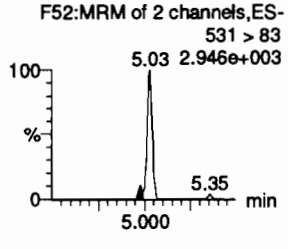
L-PFOS



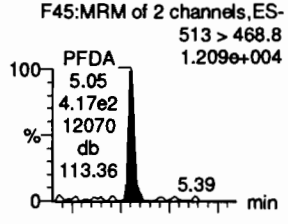


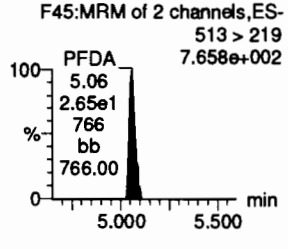
9Cl-PF30NS



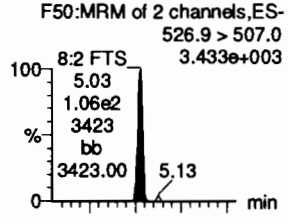


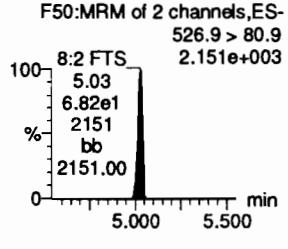
PFDA



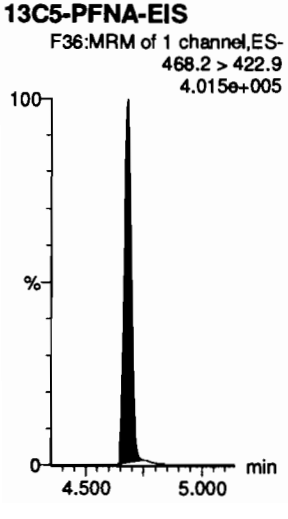


8:2 FTS

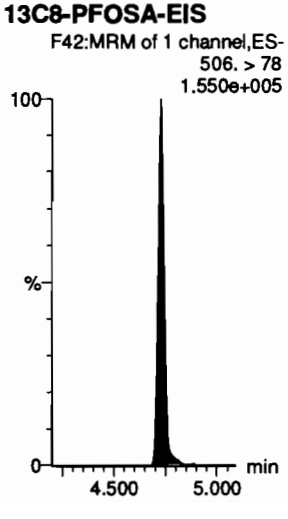




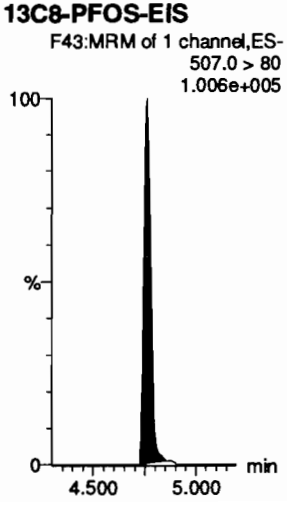
13C5-PFNA-EIS



13C8-PFOSA-EIS



13C8-PFOS-EIS



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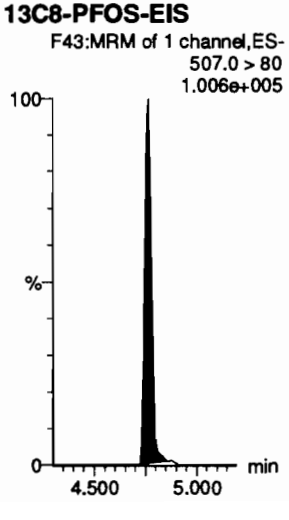
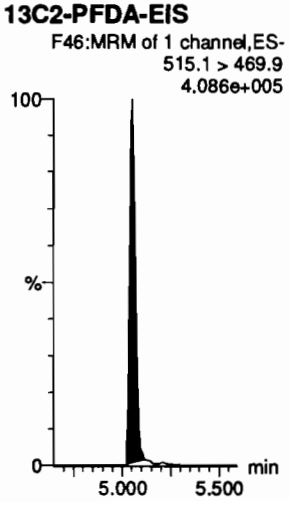
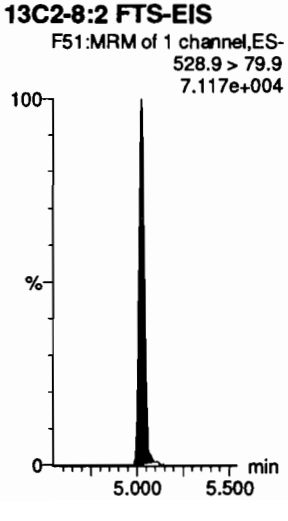


13C2-PFDA-EIS



13C2-8:2 FTS-EIS

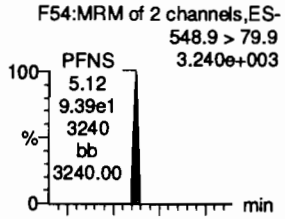


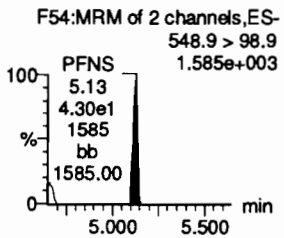
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

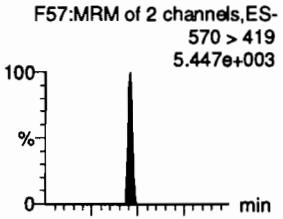
Name: 200708M1_3, Date: 08-Jul-2020, Time: 15:09:37, ID: ST200708M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

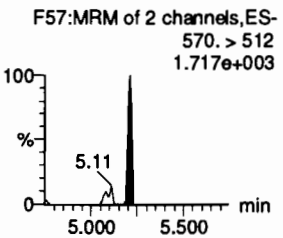
PFNS



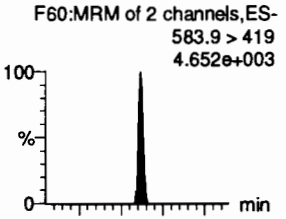


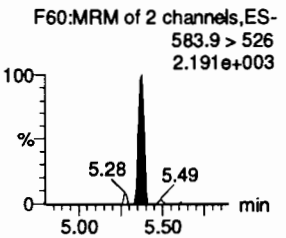
L-MeFOSAA



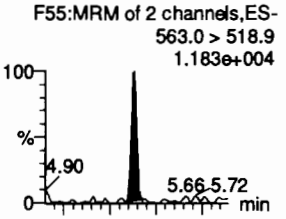


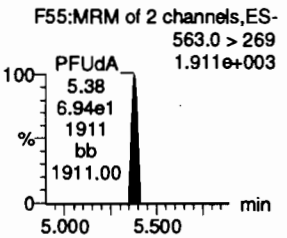
L-EtFOSAA



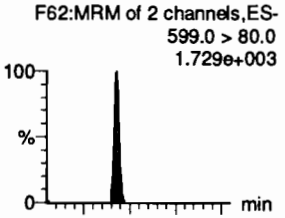


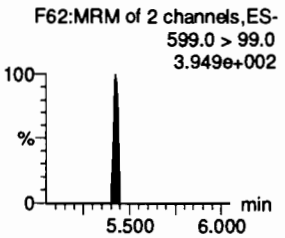
PFUdA



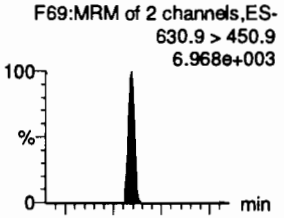


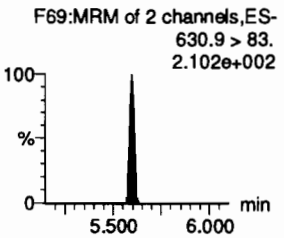
PFDS



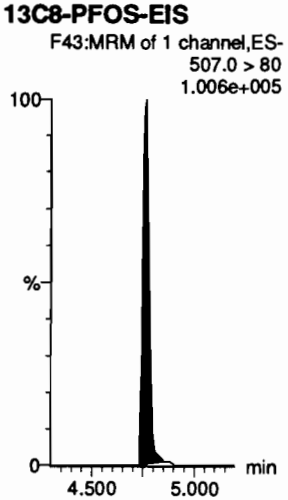


11Cl-PF30UdS

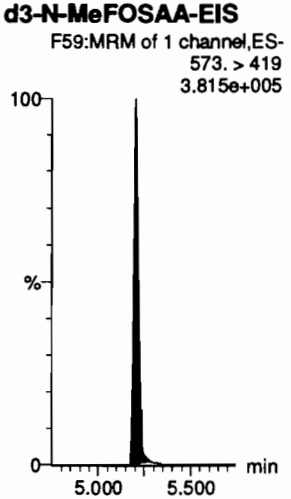




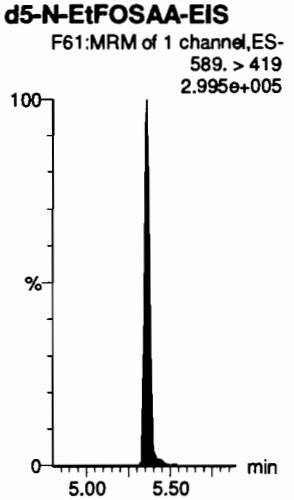
13C8-PFOS-EIS



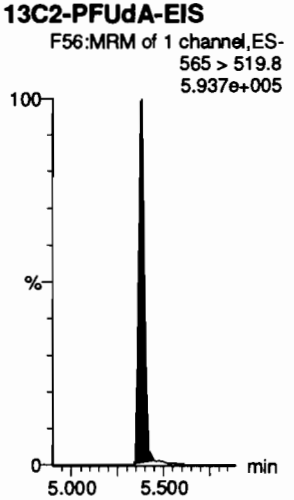
d3-N-MeFOSAA-EIS



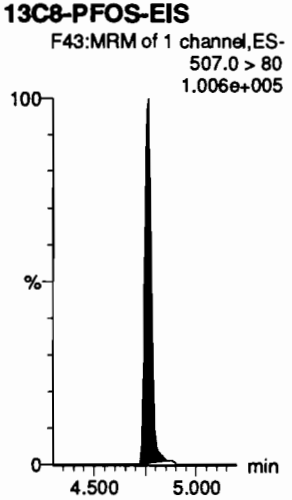
d5-N-EtFOSAA-EIS



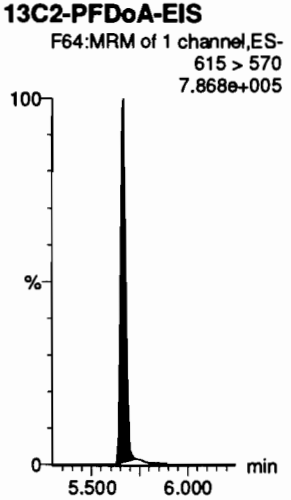
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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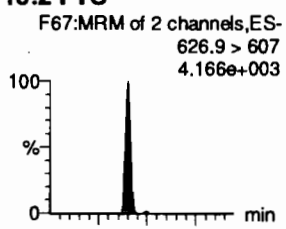
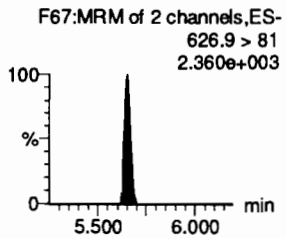
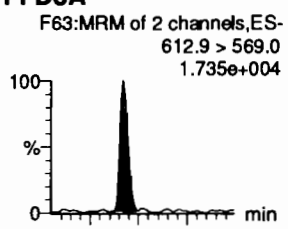
Name: 200708M1_3, Date: 08-Jul-2020, Time: 15:09:37, ID: ST200708M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

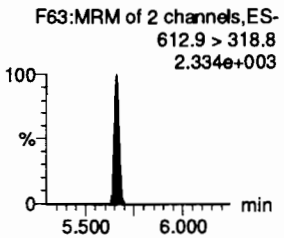
10:2 FTS



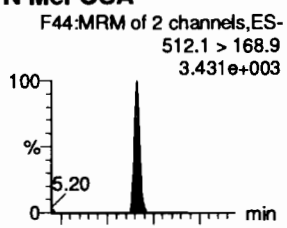


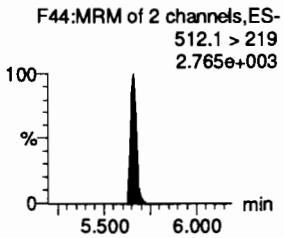
PFDoA



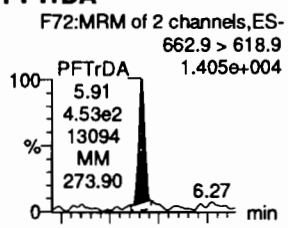


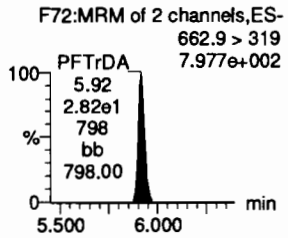
N-MeFOSA



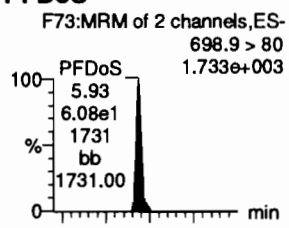


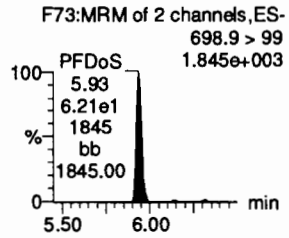
PFTrDA



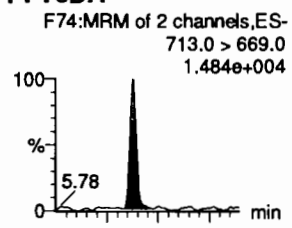


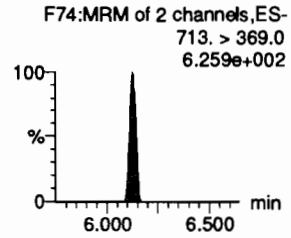
PFDoS



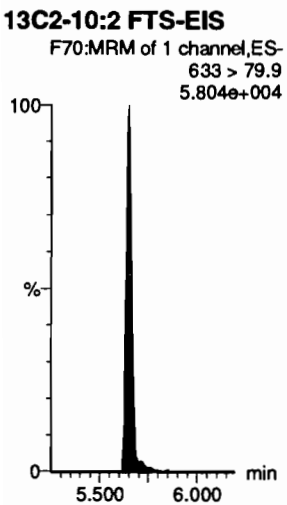


PFTeDA

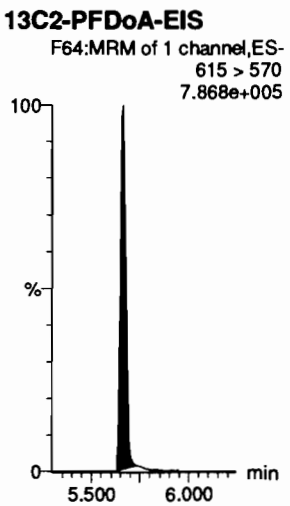




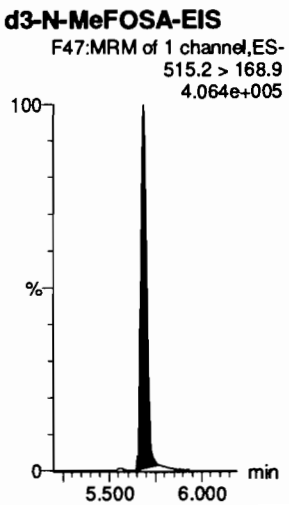
13C2-10:2 FTS-EIS



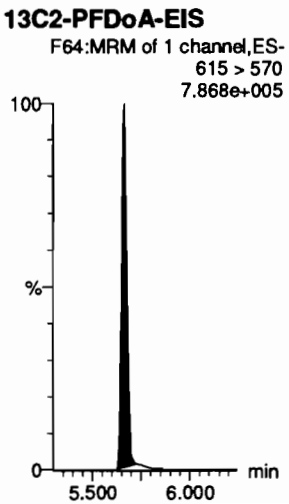
13C2-PFDoA-EIS



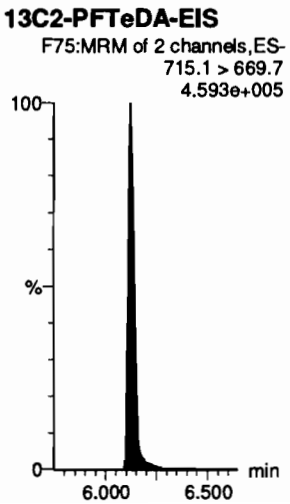
d3-N-MeFOSA-EIS



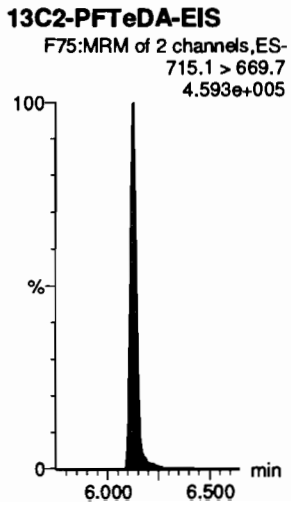
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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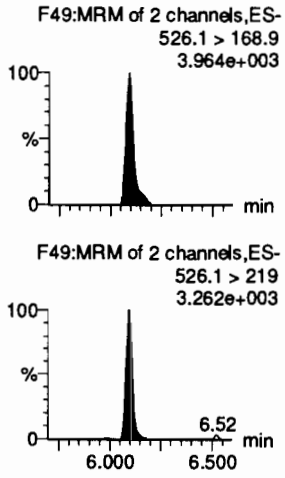
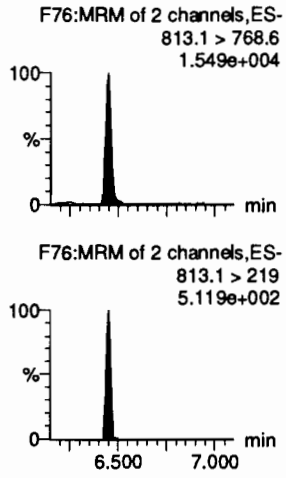
Name: 200708M1_3, Date: 08-Jul-2020, Time: 15:09:37, ID: ST200708M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

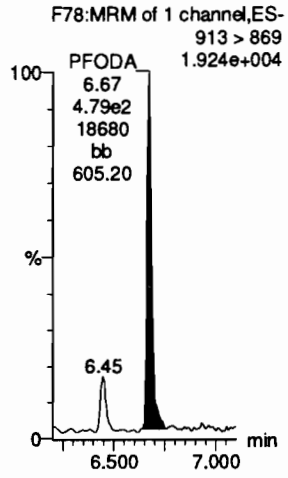
N-EtFOSA



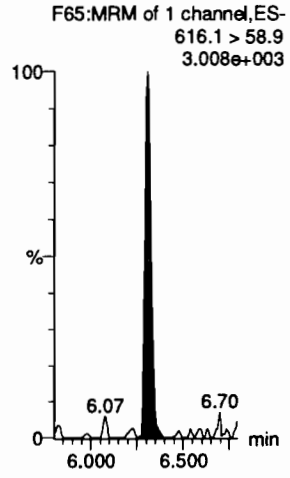
PFHxDA



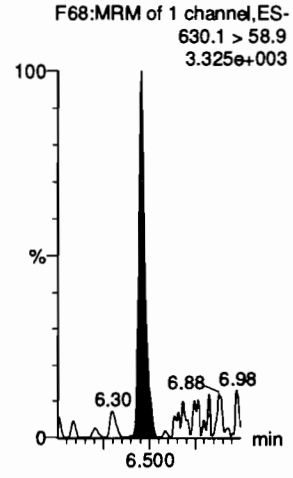
PFODA



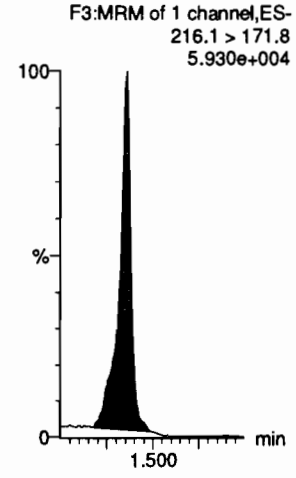
N-MeFOSE



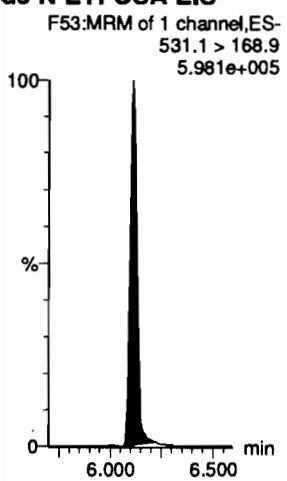
N-EtFOSE



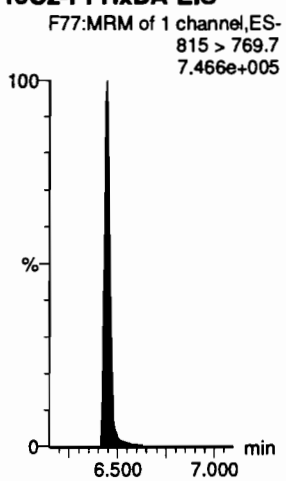
13C3-PFBA-RSD



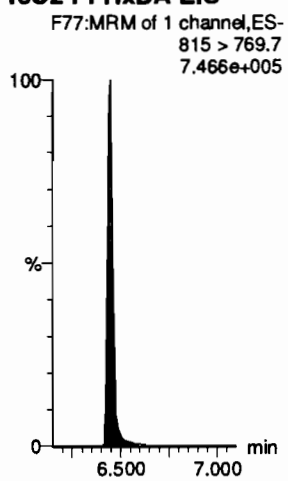
d5-N-ETFOSA-EIS



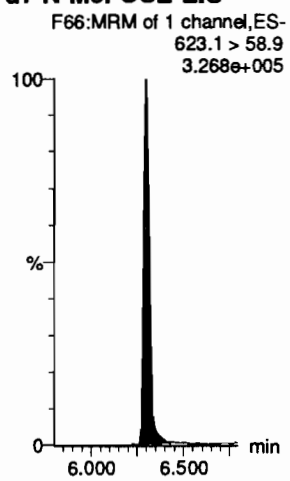
13C2-PFHxDA-EIS



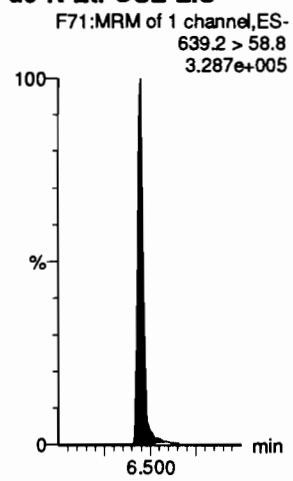
13C2-PFHxDA-EIS



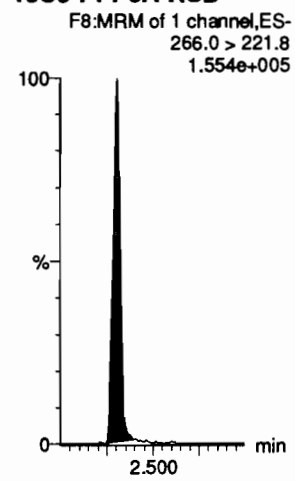
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

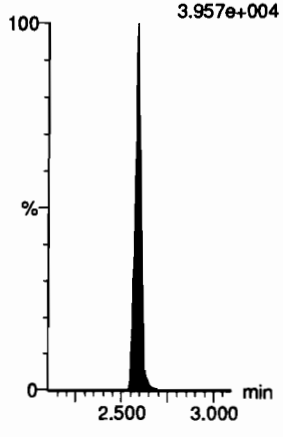


Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

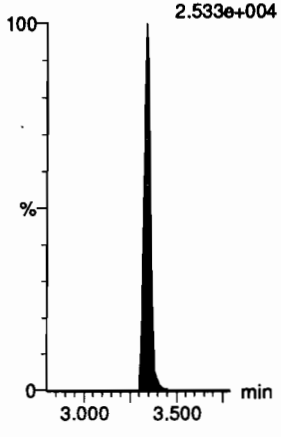
Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_3, Date: 08-Jul-2020, Time: 15:09:37, ID: ST200708M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

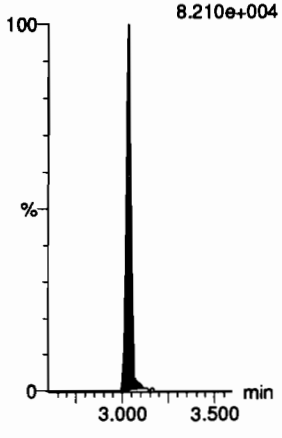
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.957e+004



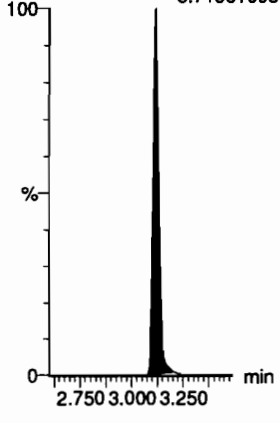
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.533e+004



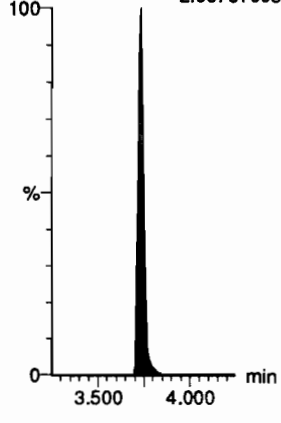
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
8.210e+004



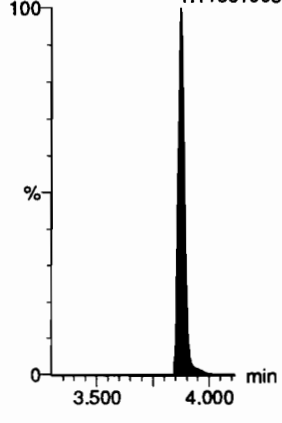
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.716e+005



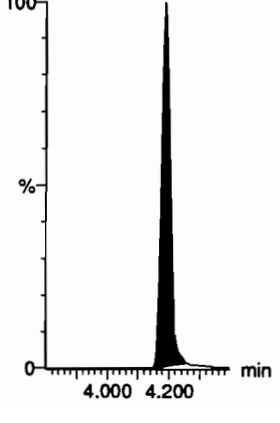
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.067e+005



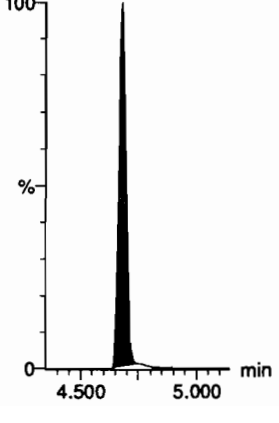
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.118e+005



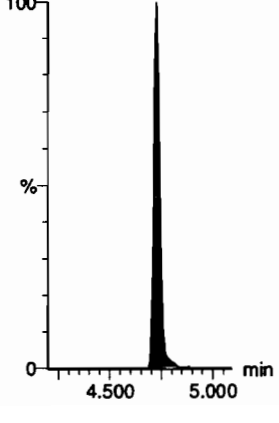
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.399e+004



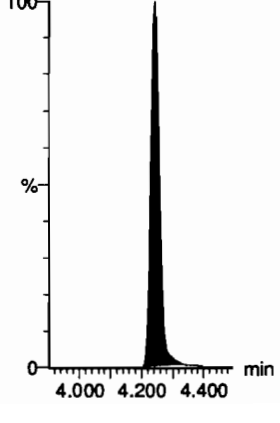
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.015e+005



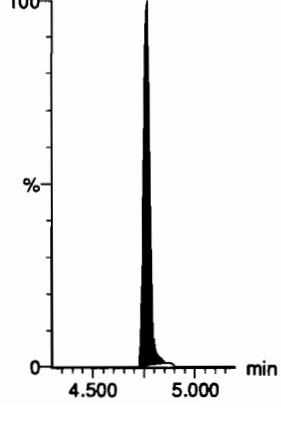
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.550e+005



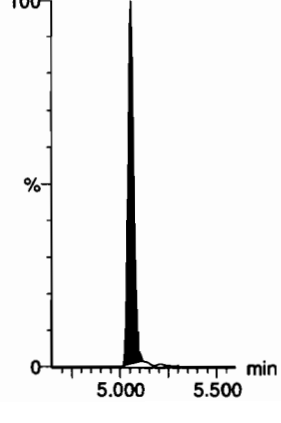
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.882e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.006e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.086e+005



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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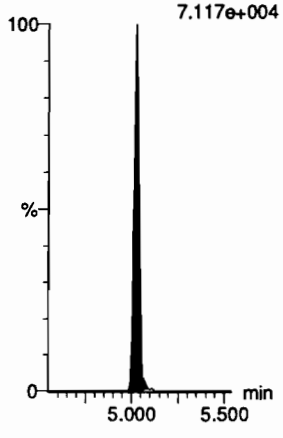
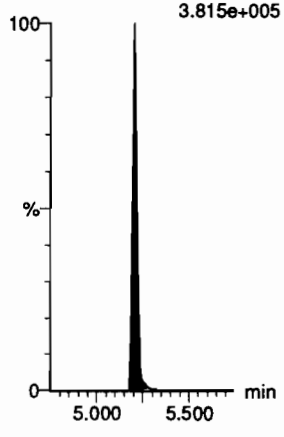
Name: 200708M1_3, Date: 08-Jul-2020, Time: 15:09:37, ID: ST200708M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

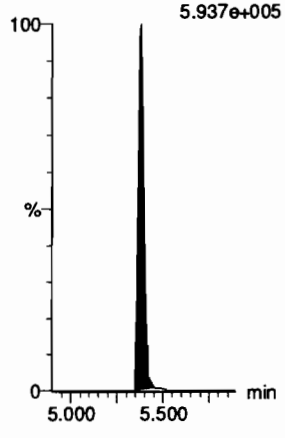
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
7.117e+004



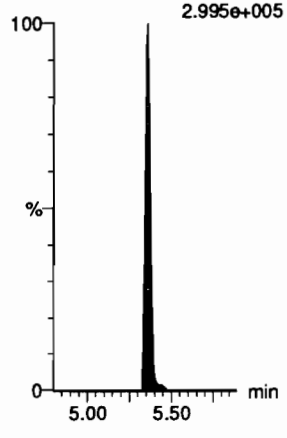
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.815e+005



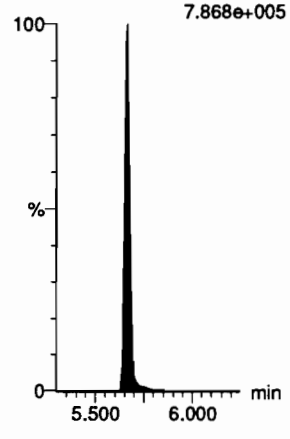
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.937e+005



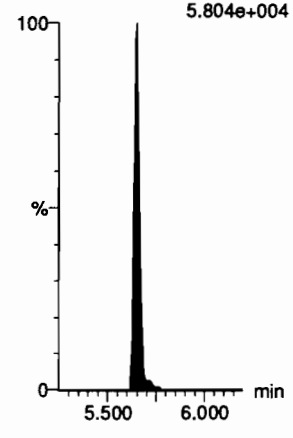
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.995e+005



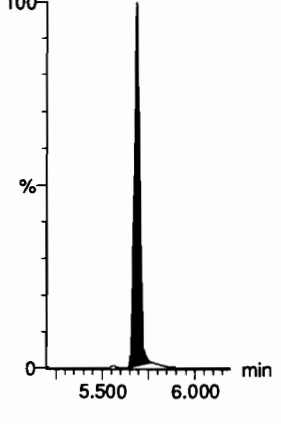
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
7.868e+005



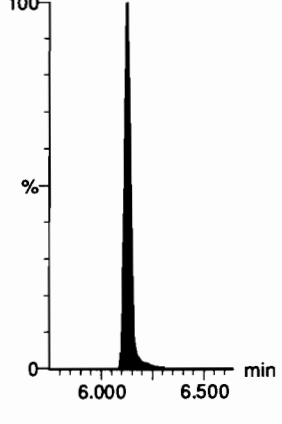
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.804e+004



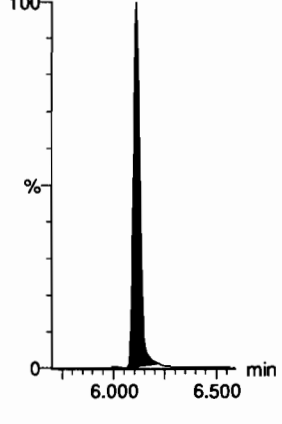
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.064e+005



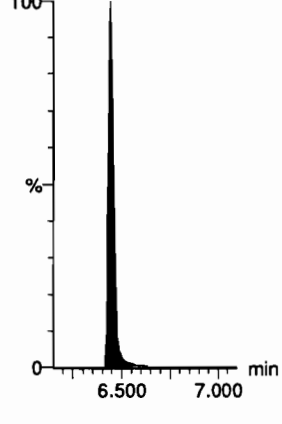
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.593e+005



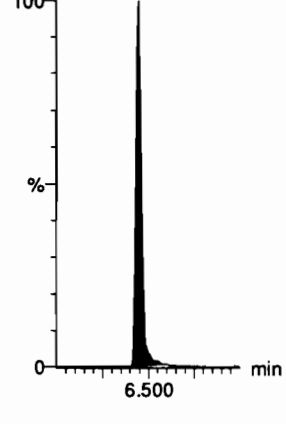
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.981e+005



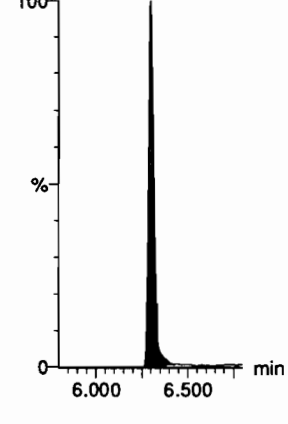
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.466e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.287e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.268e+005



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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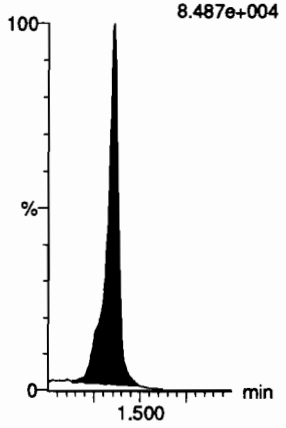
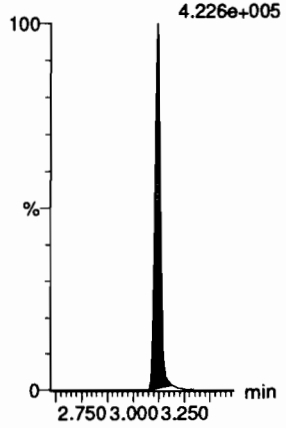
Name: 200708M1_3, Date: 08-Jul-2020, Time: 15:09:37, ID: ST200708M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

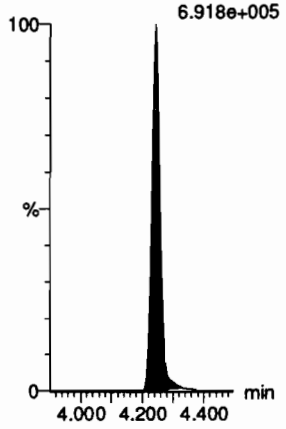
13C4-PFBA



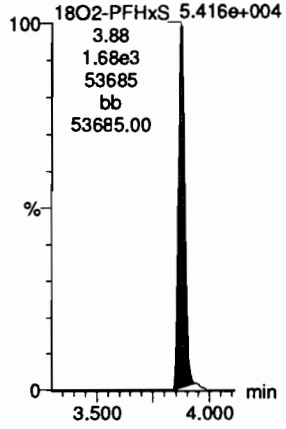
13C5-PFHxA



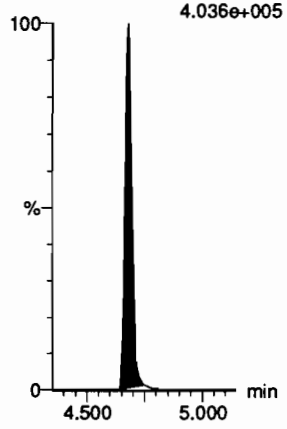
13C8-PFOA



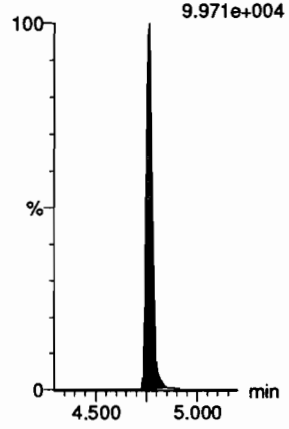
18O2-PFHxS



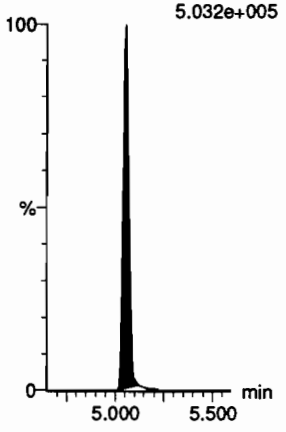
13C9-PFNA



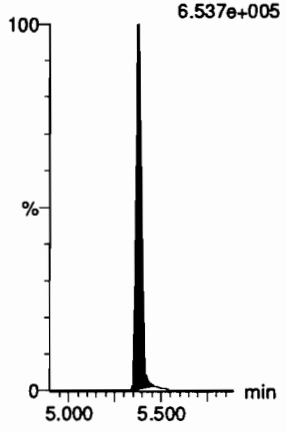
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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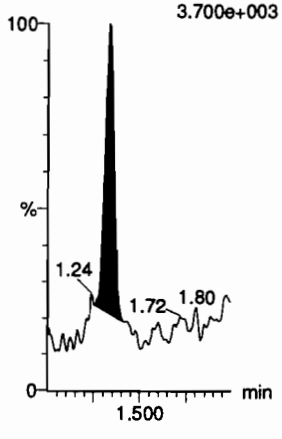
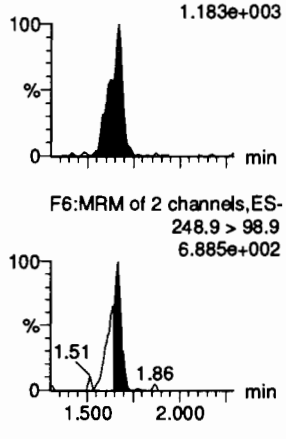
Name: 200708M1_4, Date: 08-Jul-2020, Time: 15:20:19, ID: ST200708M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

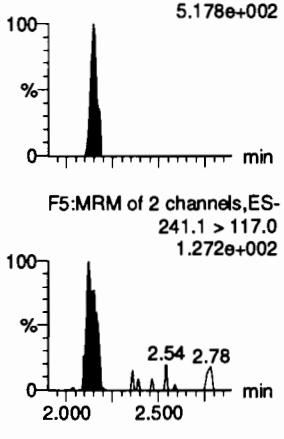
PFBA



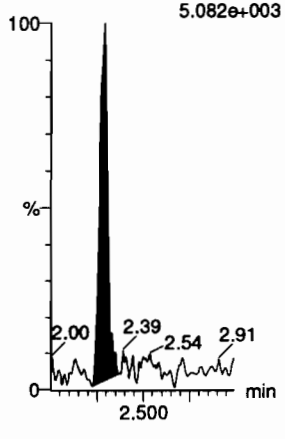
PFPrS



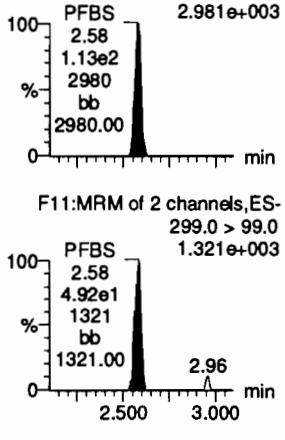
3:3 FTCA



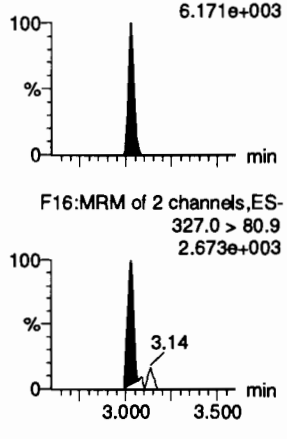
PFPeA



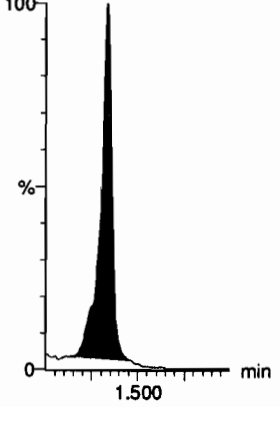
PFBS



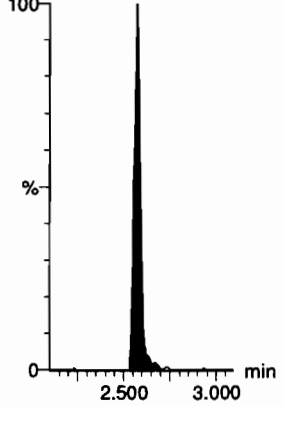
4:2 FTS



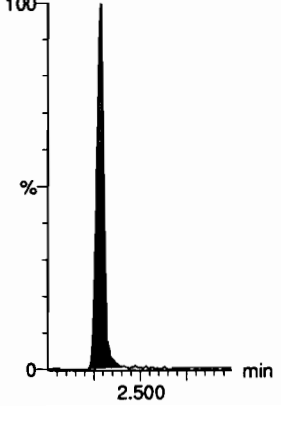
13C3-PFBA-EIS



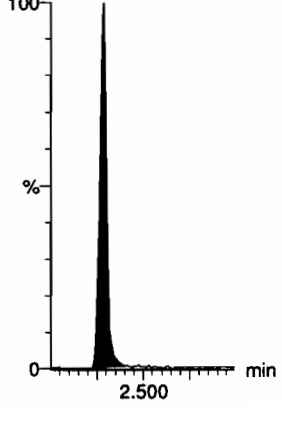
13C3-PFBS-EIS



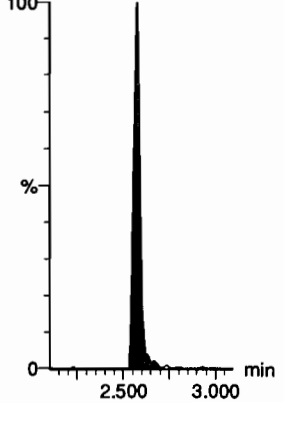
13C3-PFPeA-EIS



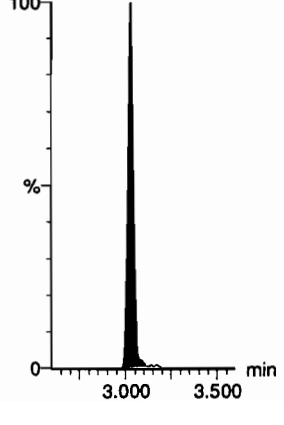
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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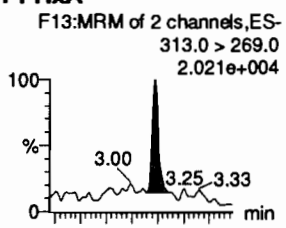
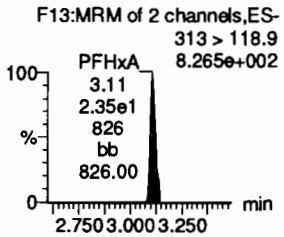
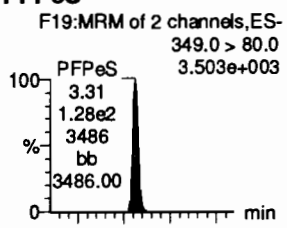
Name: 200708M1_4, Date: 08-Jul-2020, Time: 15:20:19, ID: ST200708M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

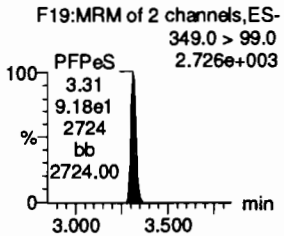
PFHxA



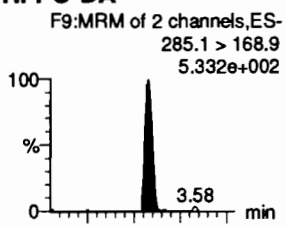


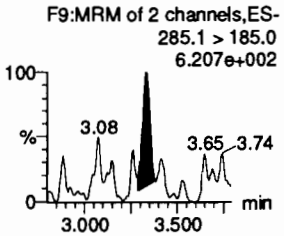
PFPeS



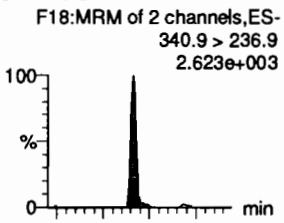


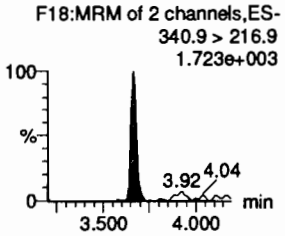
HFPO-DA



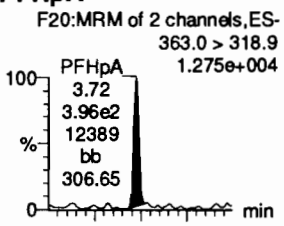


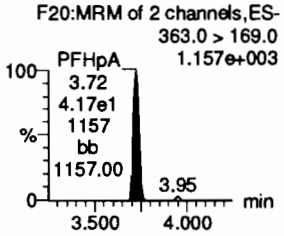
5:3 FTCA



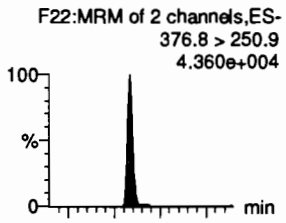


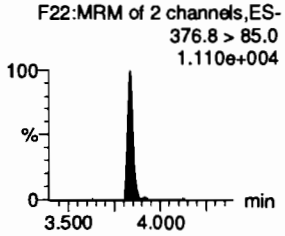
PFHpA



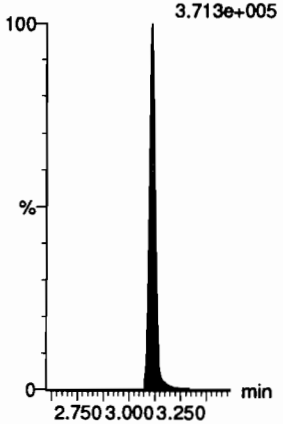


ADONA

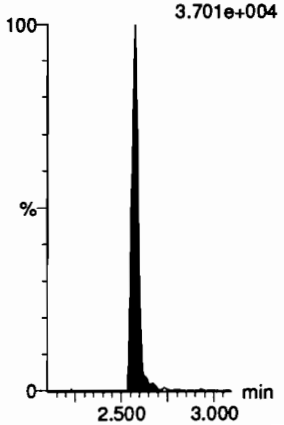




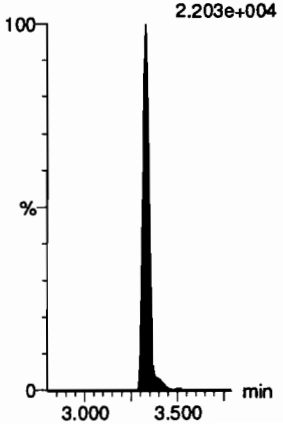
13C2-PFHxA-EIS



13C3-PFBS-EIS



13C3-HFPO-DA-EIS



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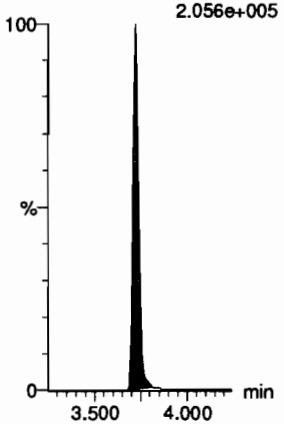

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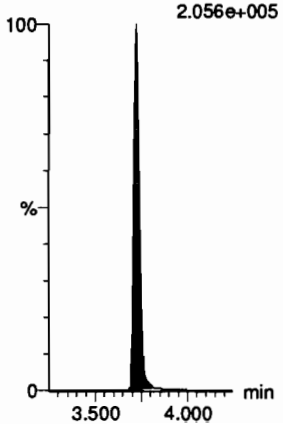
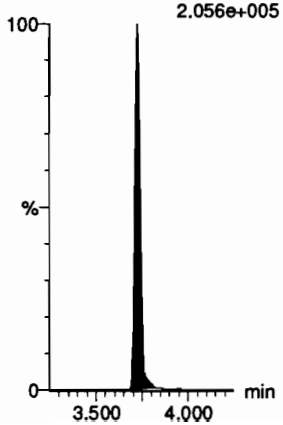


13C4-PFHpA-EIS



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Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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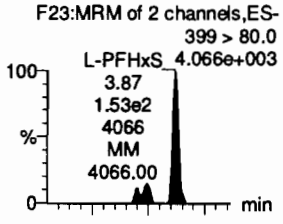
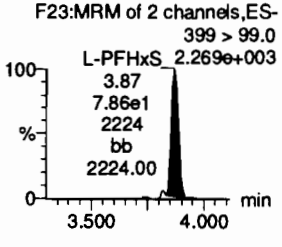
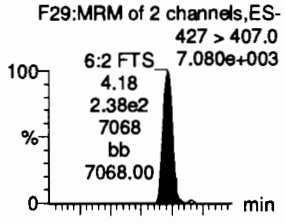
Name: 200708M1_4, Date: 08-Jul-2020, Time: 15:20:19, ID: ST200708M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

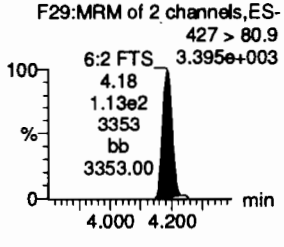
L-PFHxS



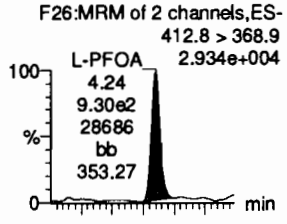


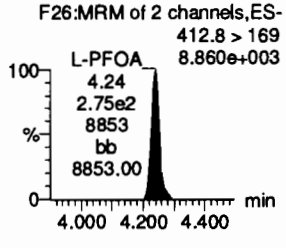
6:2 FTS



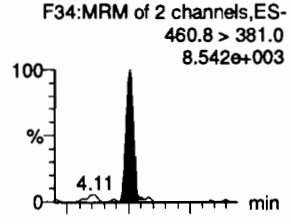


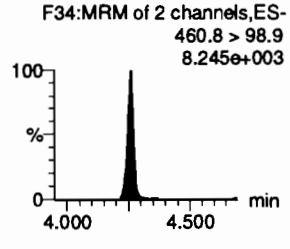
L-PFOA





PFEChS





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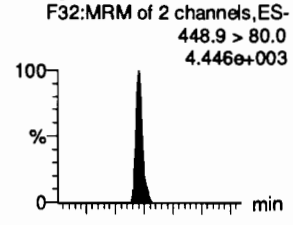
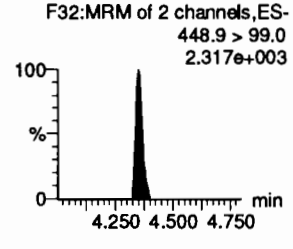
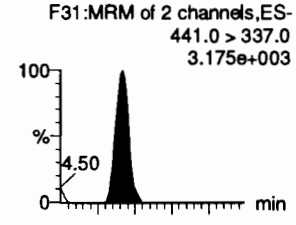
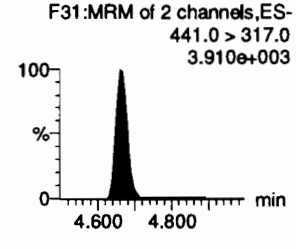


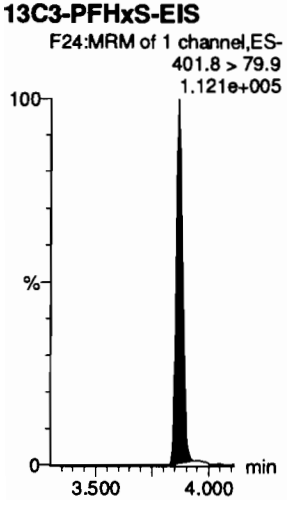


7:3 FTCA

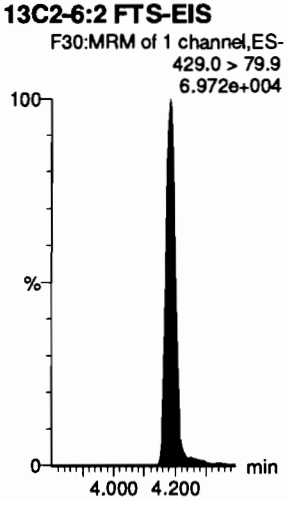




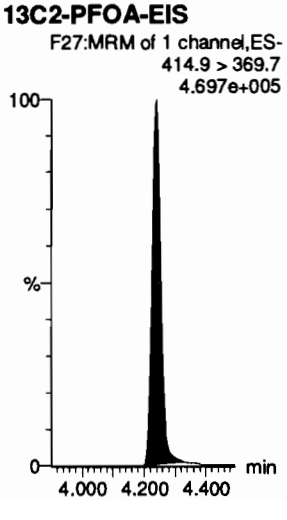
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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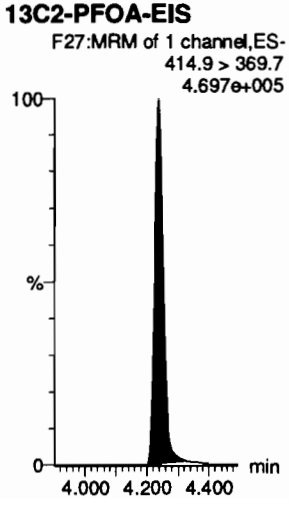
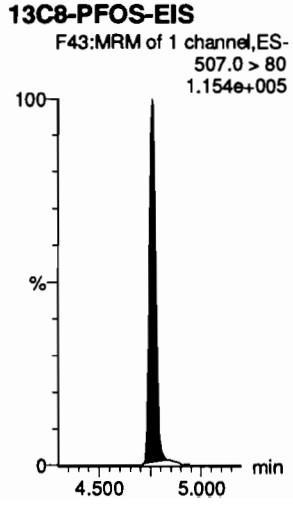
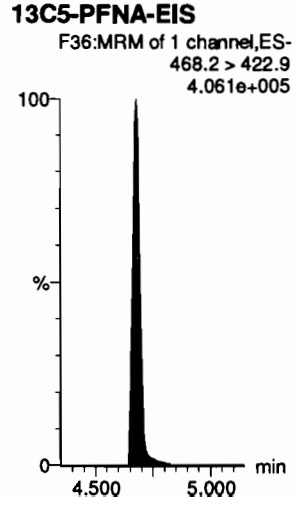


13C8-PFOS-EIS



13C5-PFNA-EIS



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Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_4, Date: 08-Jul-2020, Time: 15:20:19, ID: ST200708M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

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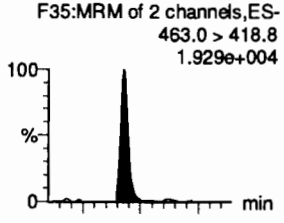

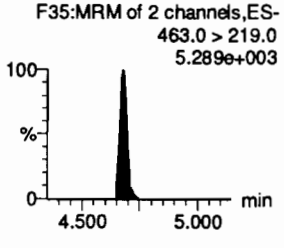

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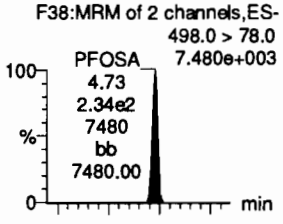
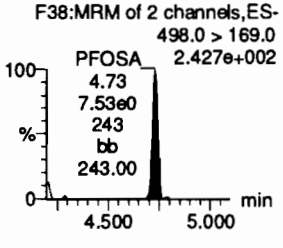
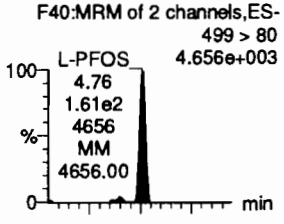
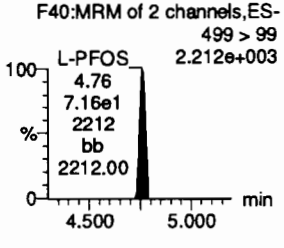


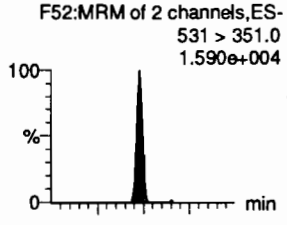


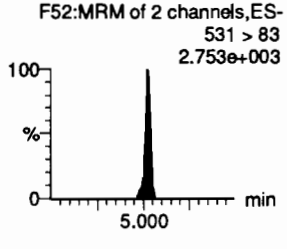
L-PFOS





9Cl-PF30NS





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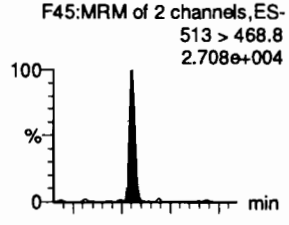
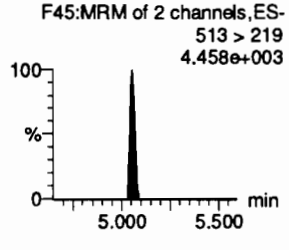
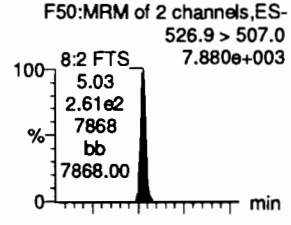
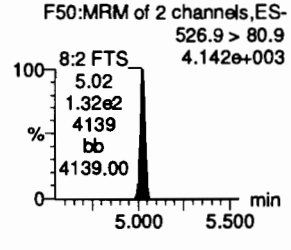


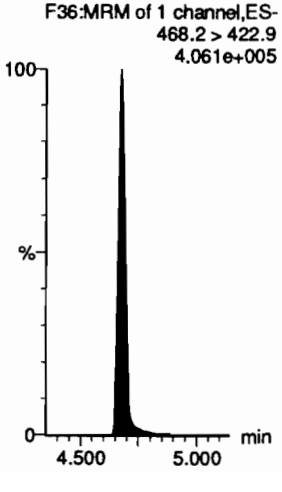


8:2 FTS

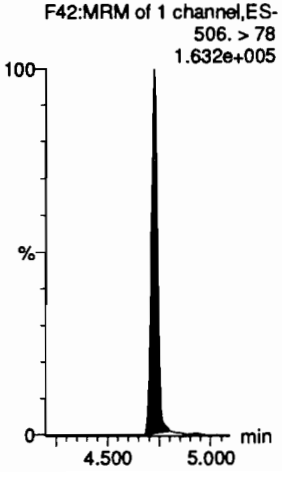




13C5-PFNA-EIS



13C8-PFOSA-EIS



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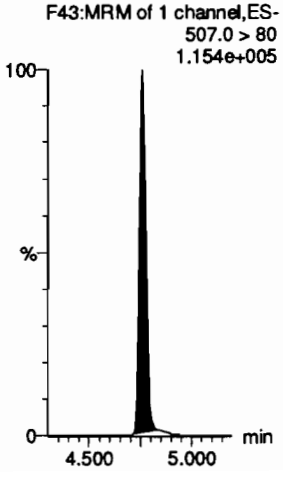

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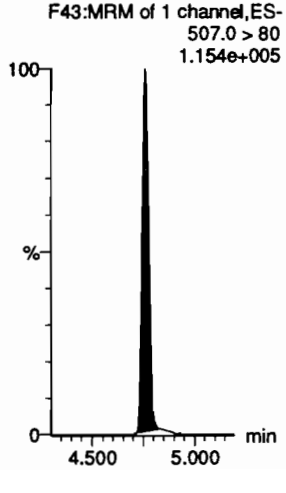
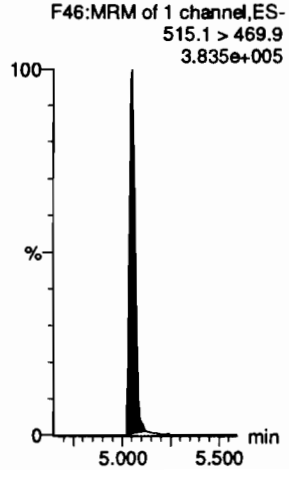
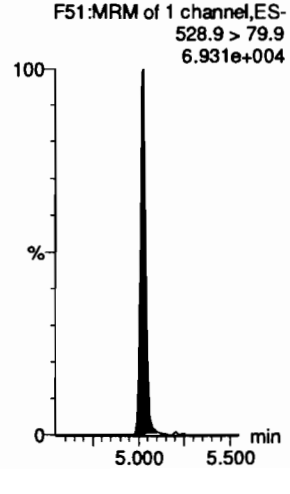


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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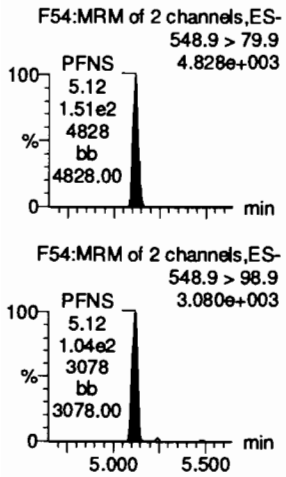
Name: 200708M1_4, Date: 08-Jul-2020, Time: 15:20:19, ID: ST200708M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

PFNS



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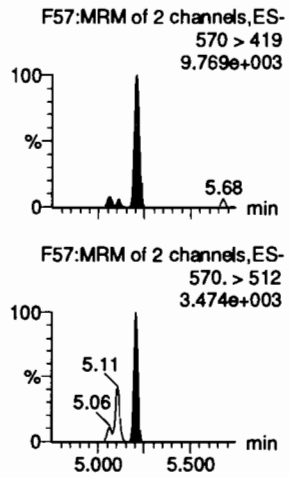

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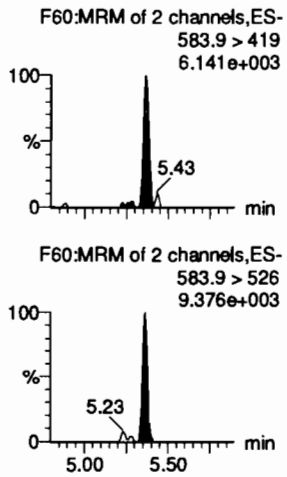

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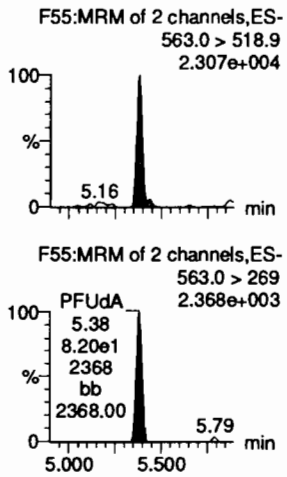
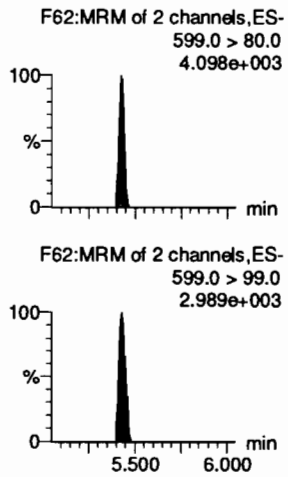
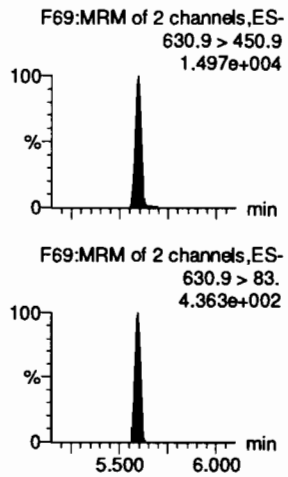


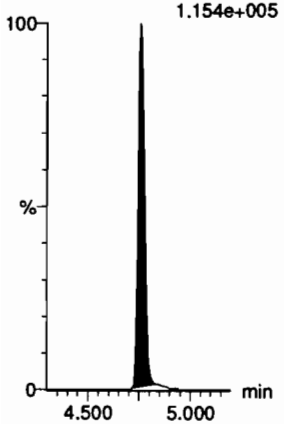
PFDS



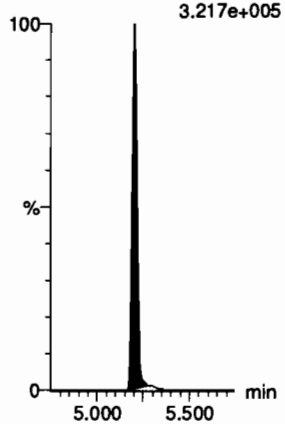
11Cl-PF30UdS



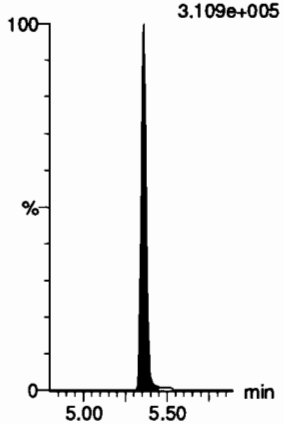
13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



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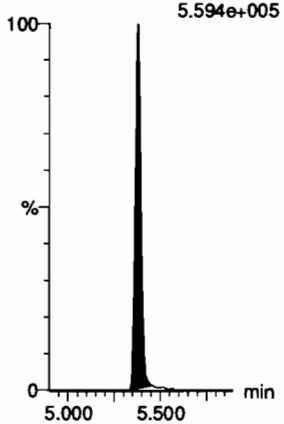

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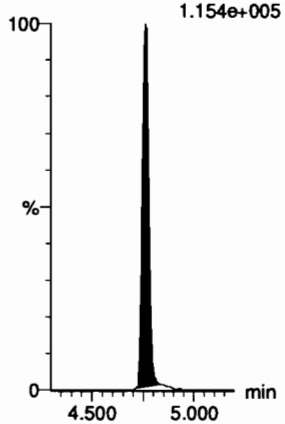
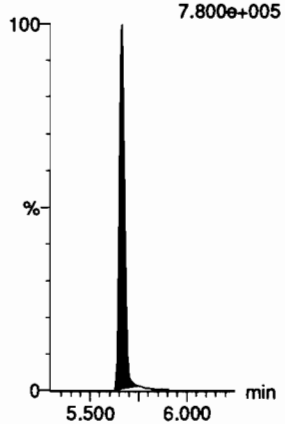


13C2-PFDoA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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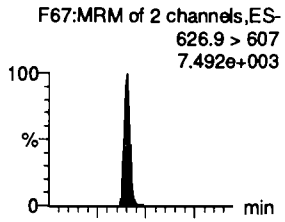
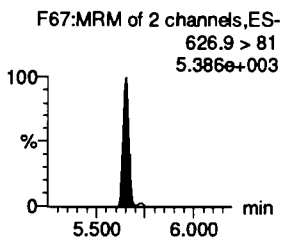
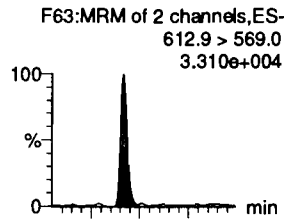
Name: 200708M1_4, Date: 08-Jul-2020, Time: 15:20:19, ID: ST200708M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

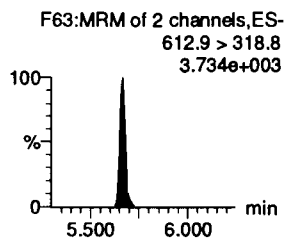
10:2 FTS



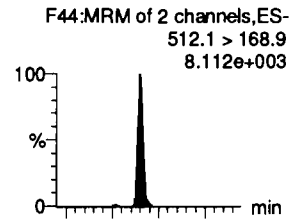


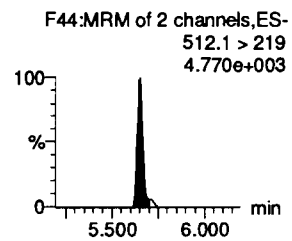
PFDoA



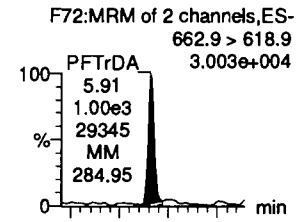


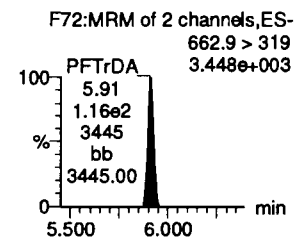
N-MeFOSA



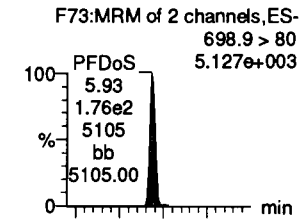


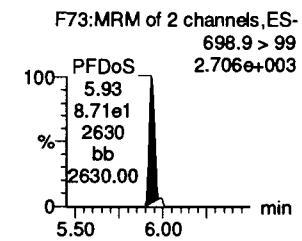
PFTrDA



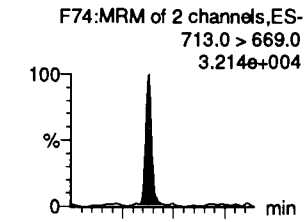


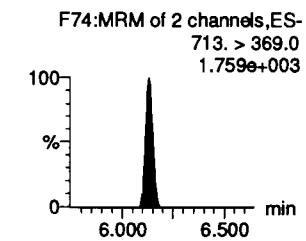
PFDoS



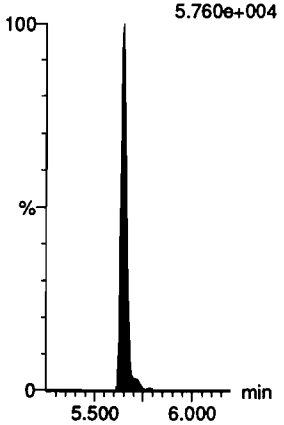


PFTeDA

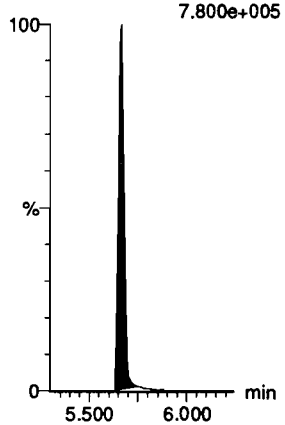




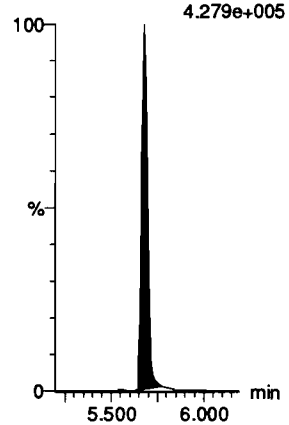
13C2-10:2 FTS-EIS



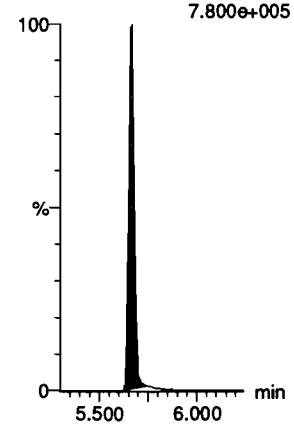
13C2-PFDoA-EIS



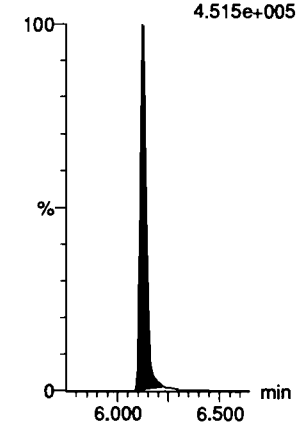
d3-N-MeFOSA-EIS



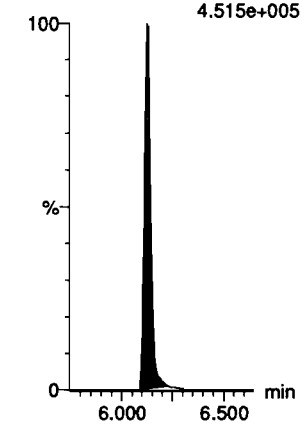
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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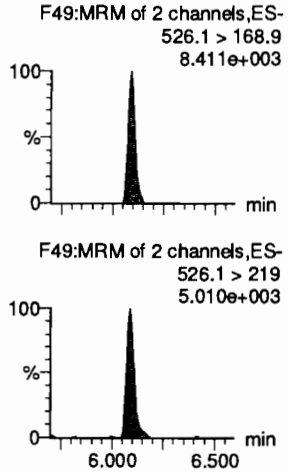
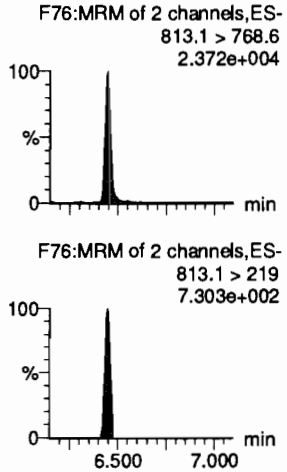
Name: 200708M1_4, Date: 08-Jul-2020, Time: 15:20:19, ID: ST200708M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

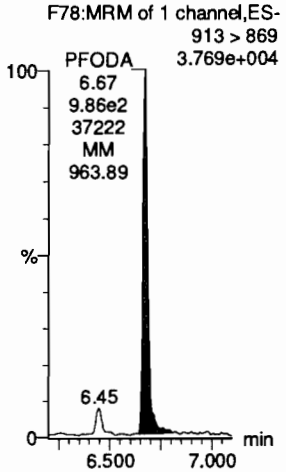
N-EtFOSA



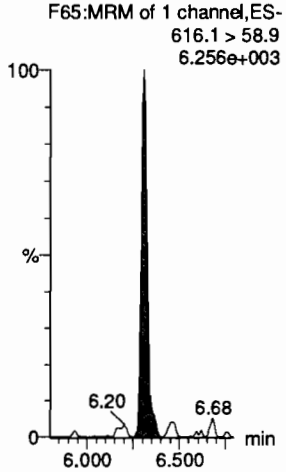
PFHxDA



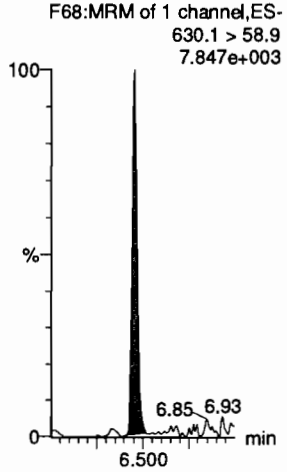
PFODA



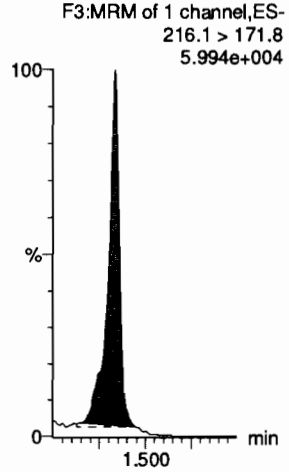
N-MeFOSE



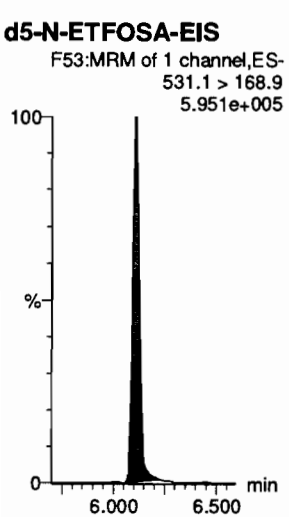
N-EtFOSE



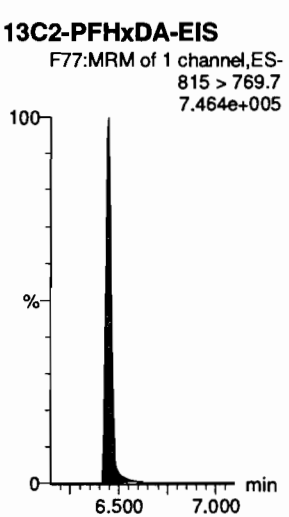
13C3-PFBA-RSD



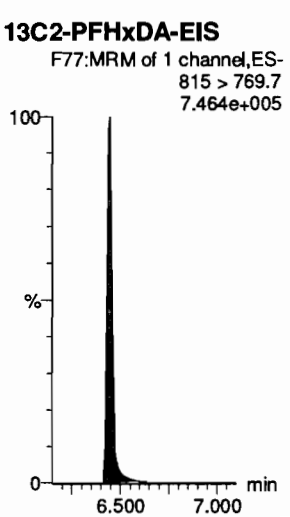
d5-N-ETFOSA-EIS



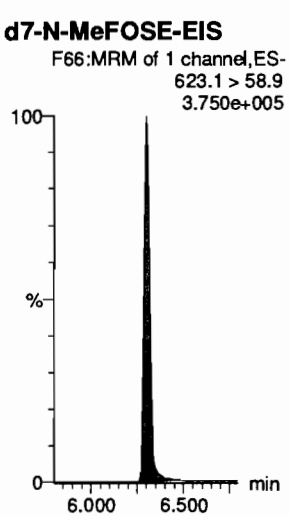
13C2-PFHxDA-EIS



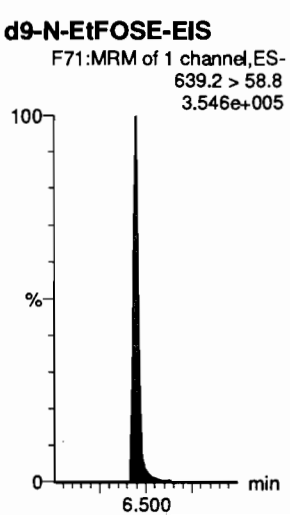
13C2-PFHxDA-EIS



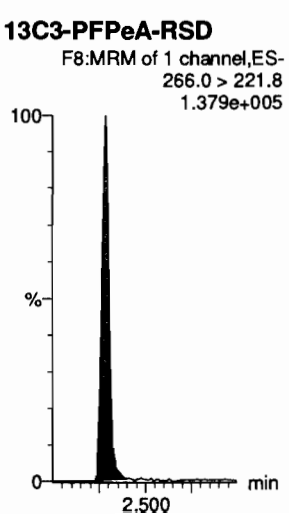
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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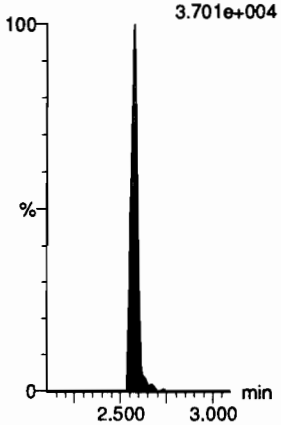
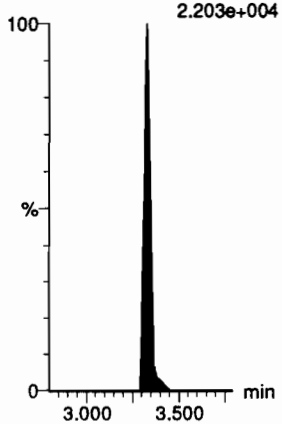
Name: 200708M1_4, Date: 08-Jul-2020, Time: 15:20:19, ID: ST200708M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

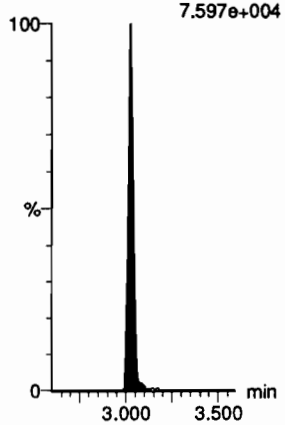
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.701e+004



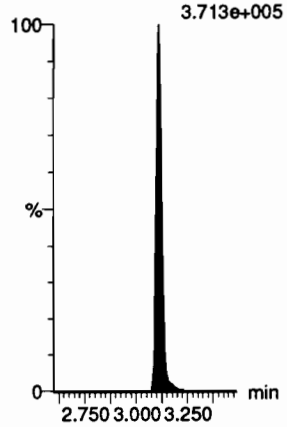
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.203e+004



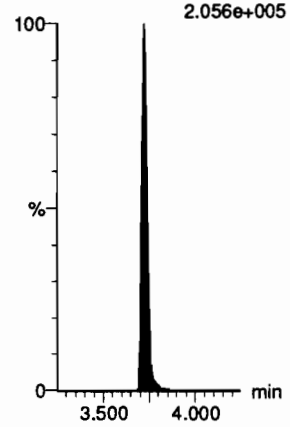
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.597e+004



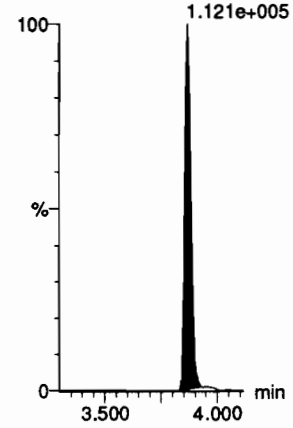
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.713e+005



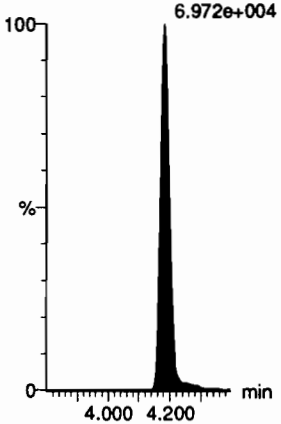
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.056e+005



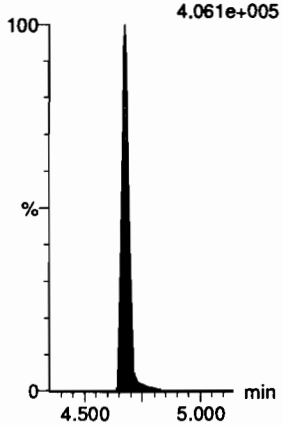
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.121e+005



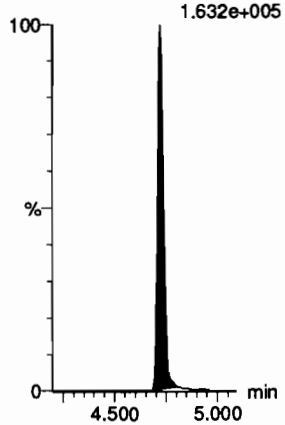
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.972e+004



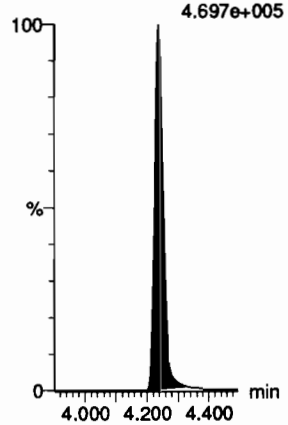
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.061e+005



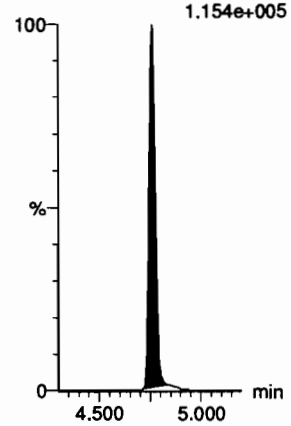
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.632e+005



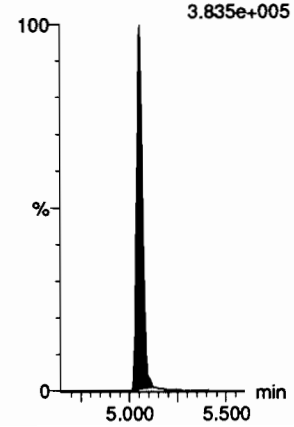
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.697e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.154e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.835e+005



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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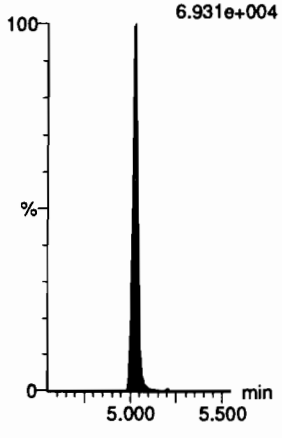
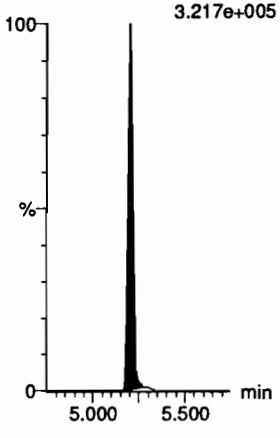
Name: 200708M1_4, Date: 08-Jul-2020, Time: 15:20:19, ID: ST200708M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

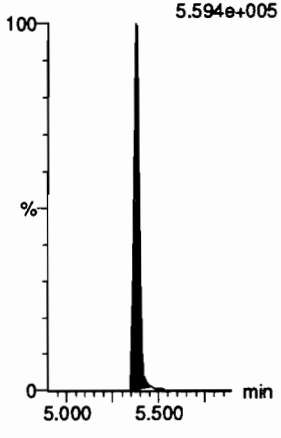
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.931e+004



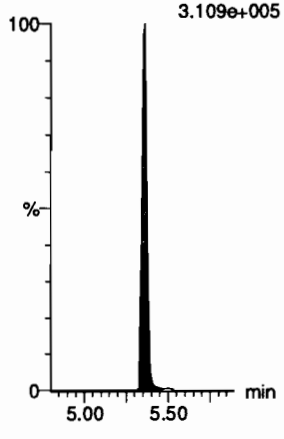
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.217e+005



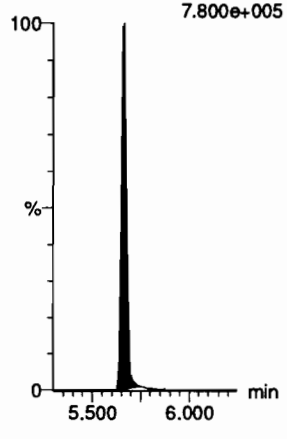
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.594e+005



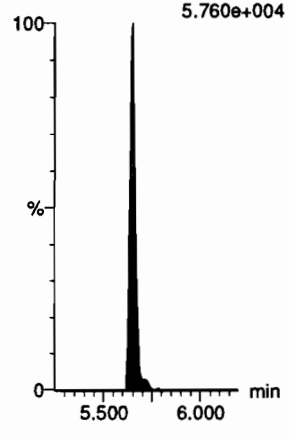
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
3.109e+005



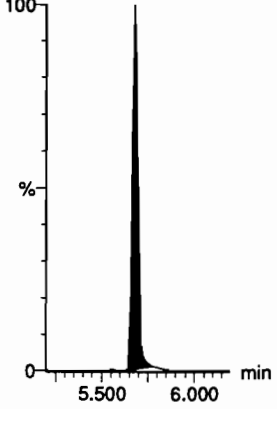
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
7.800e+005



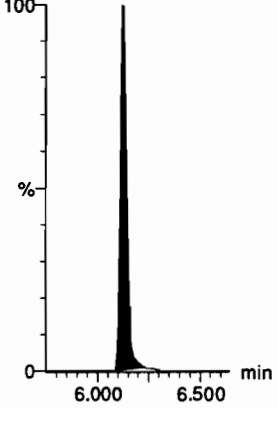
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.760e+004



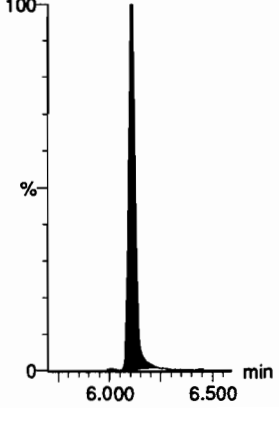
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.279e+005



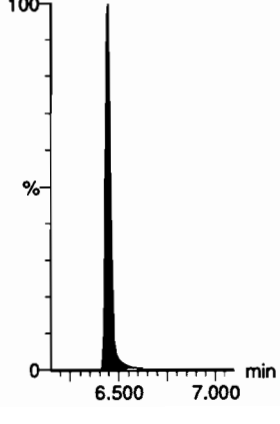
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.515e+005



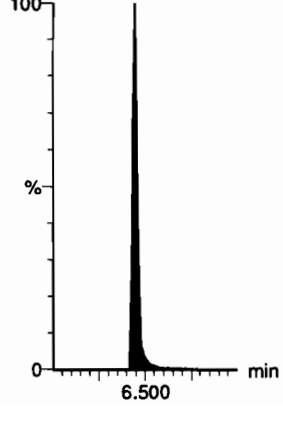
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.951e+005



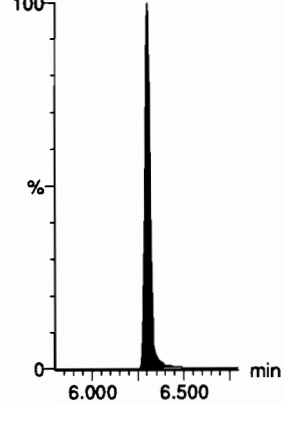
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.464e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.546e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.750e+005

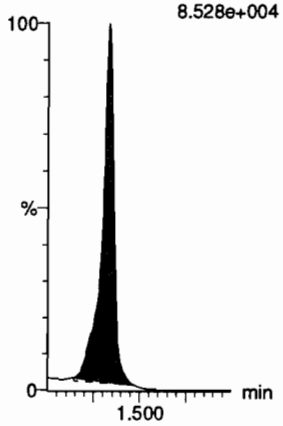


Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

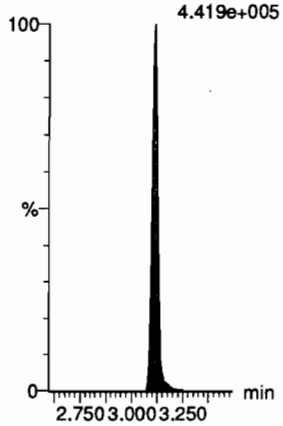
Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_4, Date: 08-Jul-2020, Time: 15:20:19, ID: ST200708M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

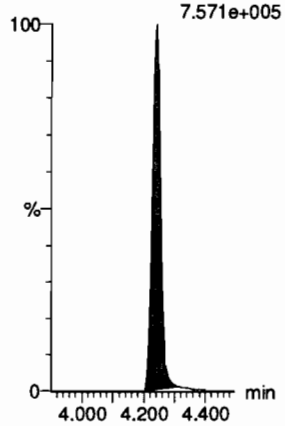
13C4-PFBA



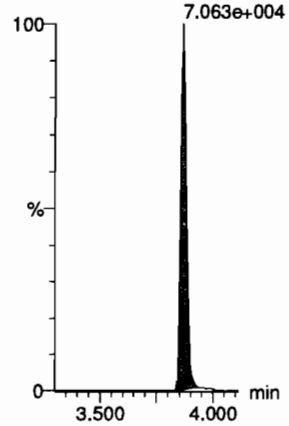
13C5-PFHxA



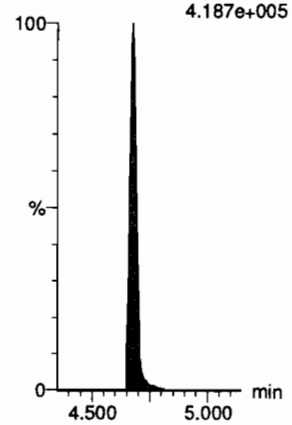
13C8-PFOA



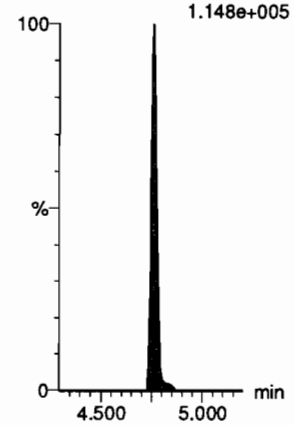
18O2-PFHxS



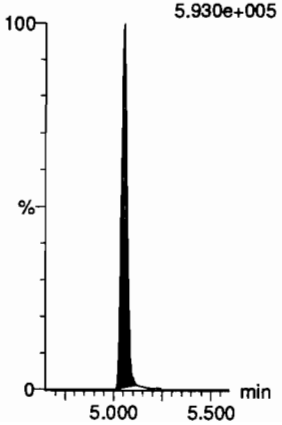
13C9-PFNA



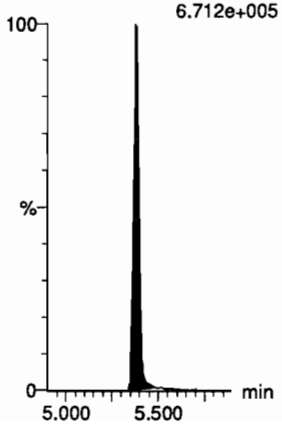
13C4-PFOS



13C6-PFDA



13C7-PFUdA

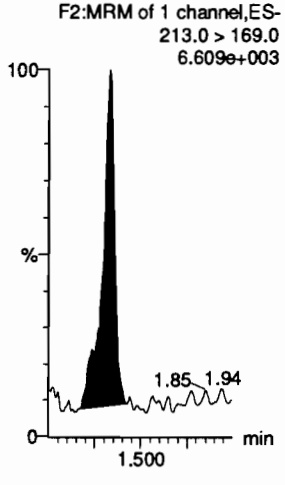


Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

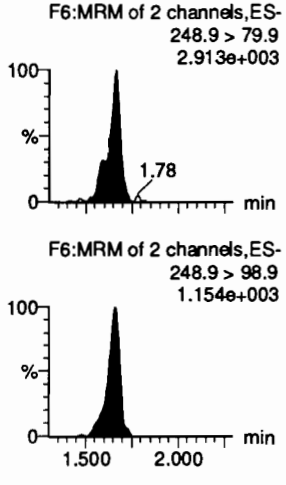
Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_5, Date: 08-Jul-2020, Time: 15:30:45, ID: ST200708M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

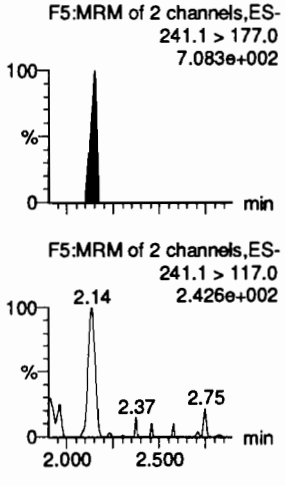
PFBA



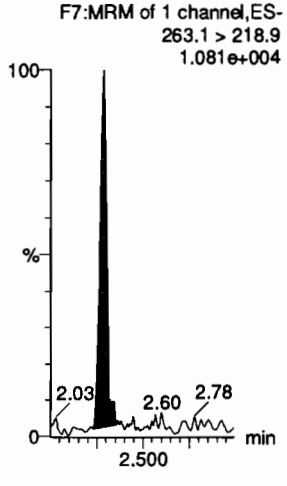
PFPrS



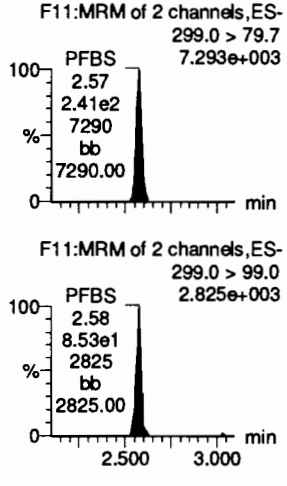
3:3 FTCA



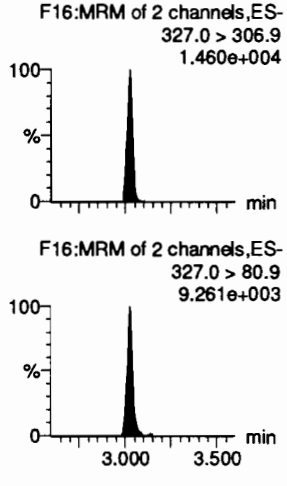
PFPeA



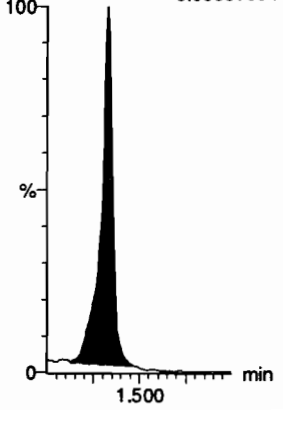
PFBS



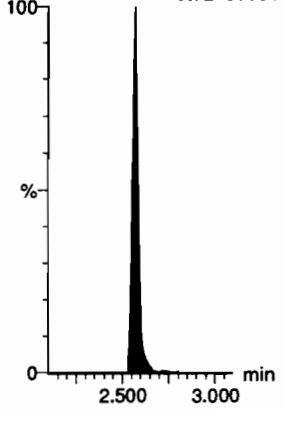
4:2 FTS



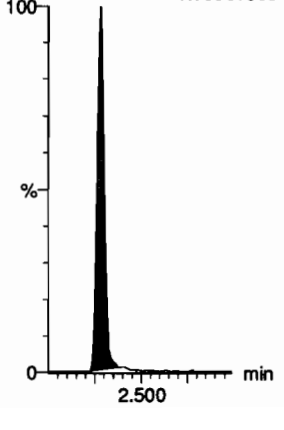
13C3-PFBA-EIS



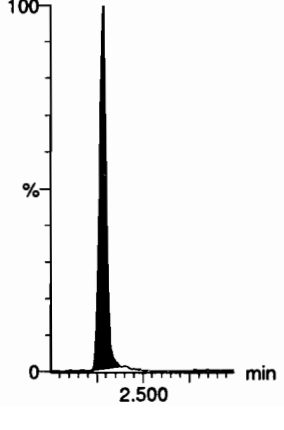
13C3-PFBS-EIS



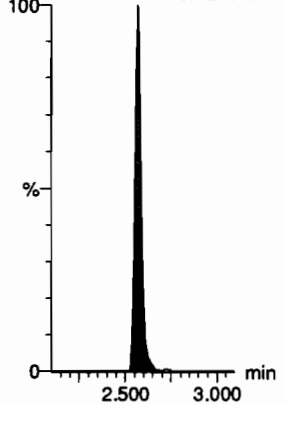
13C3-PFPeA-EIS



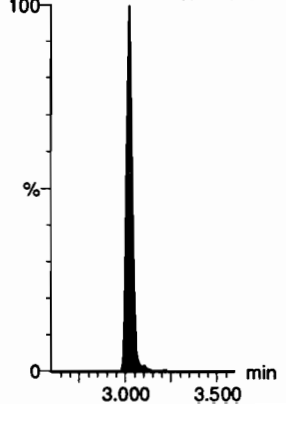
13C3-PFPeA-EIS



13C3-PFBS-EIS



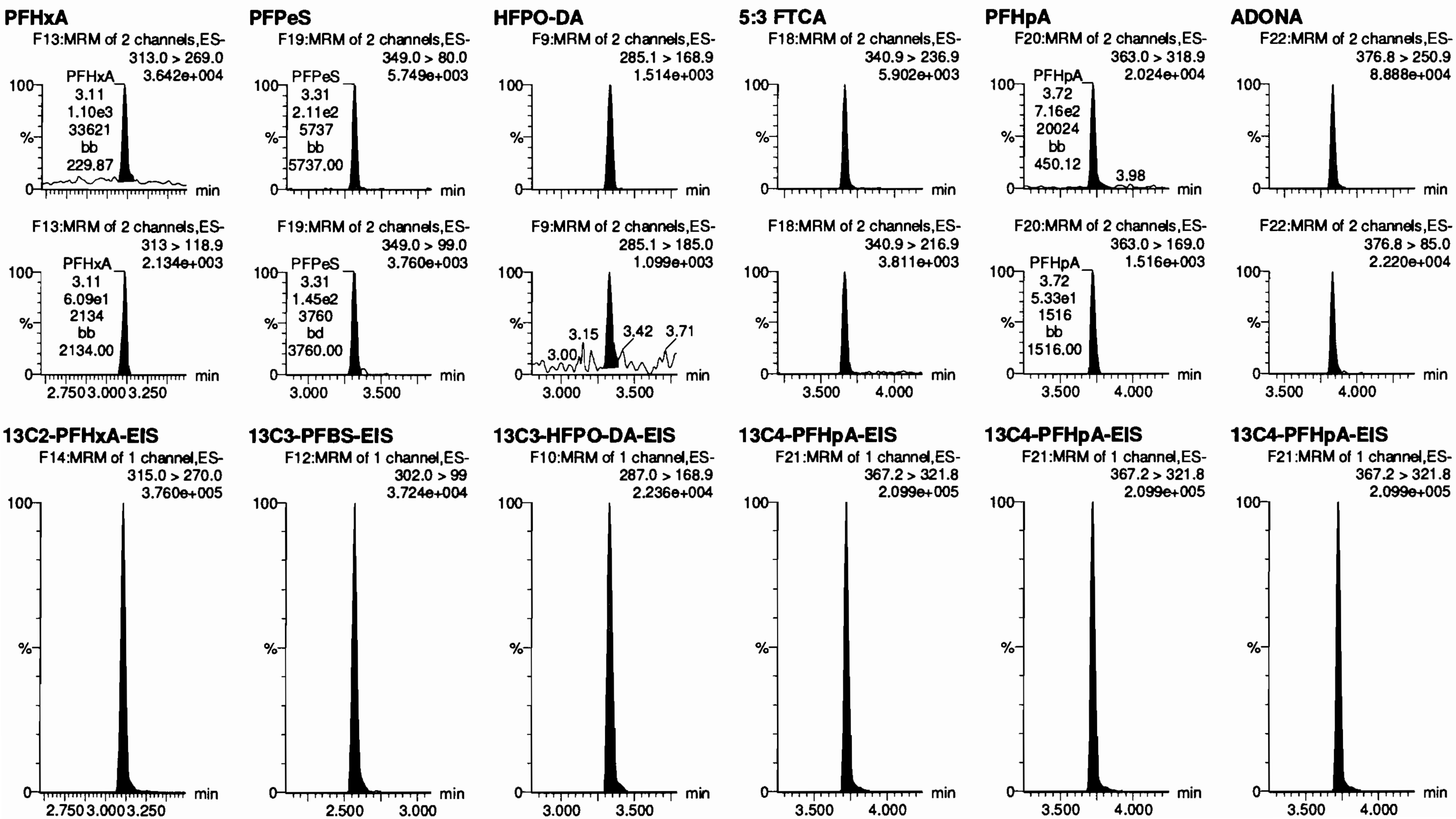
13C2-4:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_5, Date: 08-Jul-2020, Time: 15:30:45, ID: ST200708M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

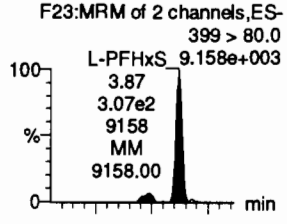


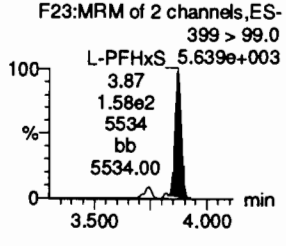
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

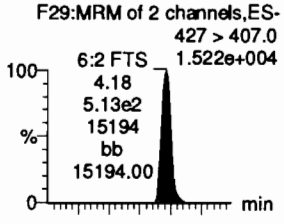
Name: 200708M1_5, Date: 08-Jul-2020, Time: 15:30:45, ID: ST200708M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

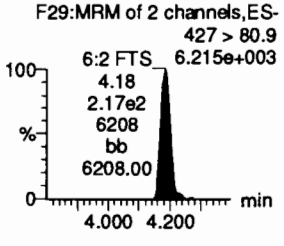
L-PFHxS



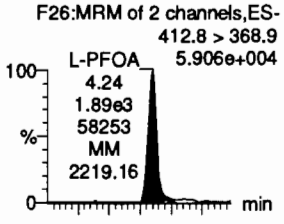


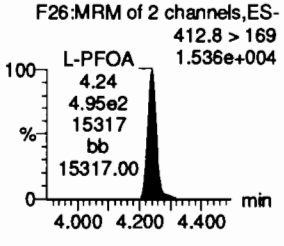
6:2 FTS



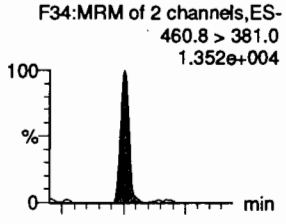


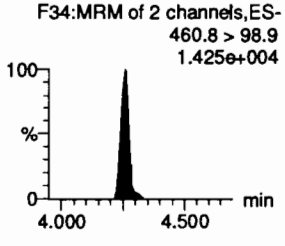
L-PFOA



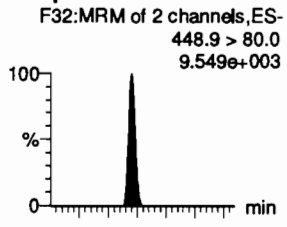


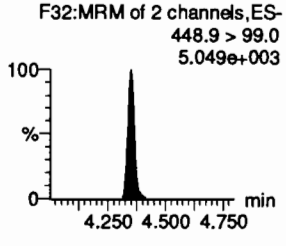
PFEChS



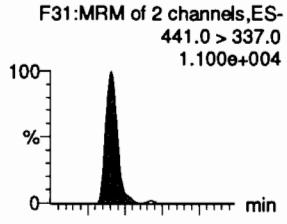


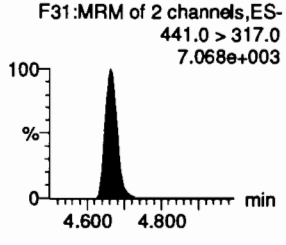
PFHpS



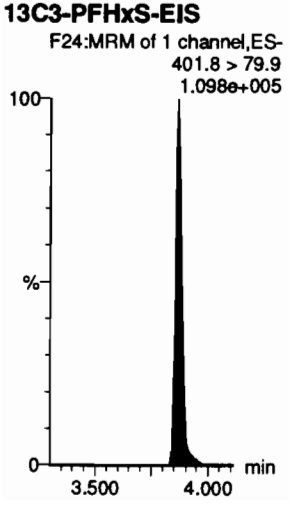


7:3 FTCA

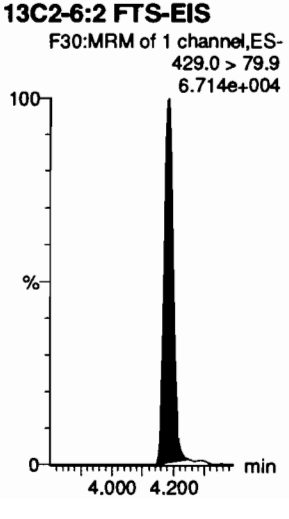




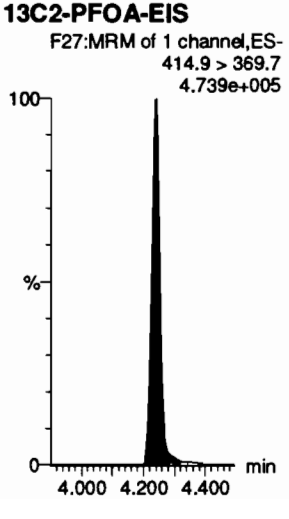
13C3-PFHxS-EIS



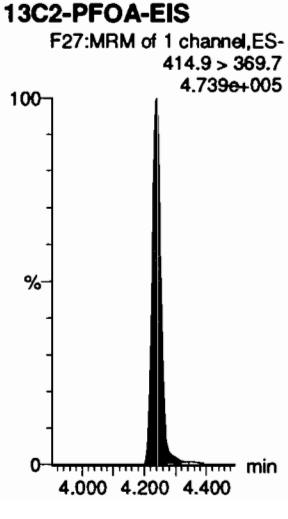
13C2-6:2 FTS-EIS



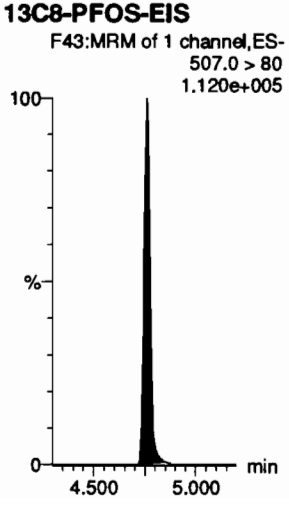
13C2-PFOA-EIS



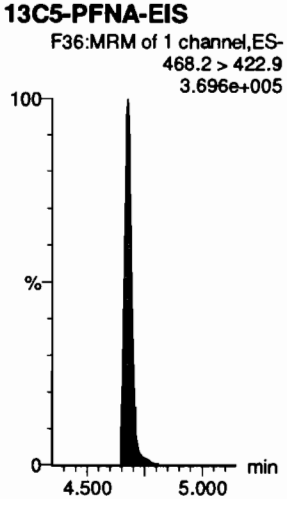
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

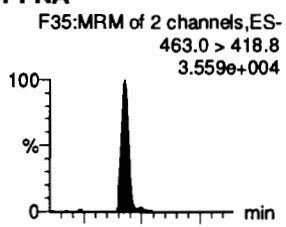


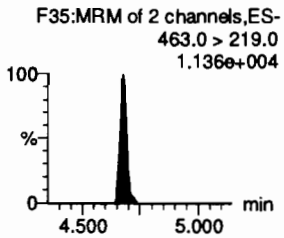
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

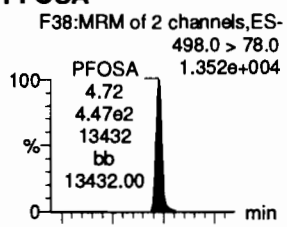
Name: 200708M1_5, Date: 08-Jul-2020, Time: 15:30:45, ID: ST200708M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

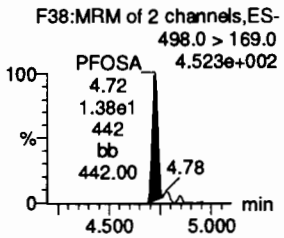
PFNA



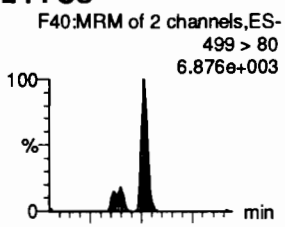


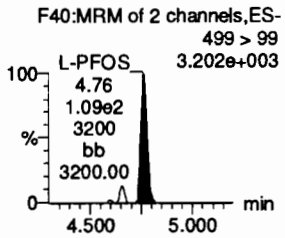
PFOSA



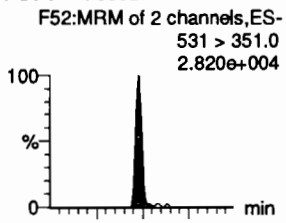


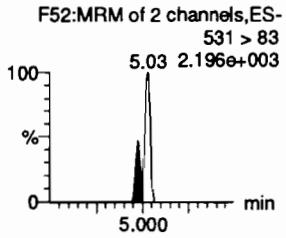
L-PFOS



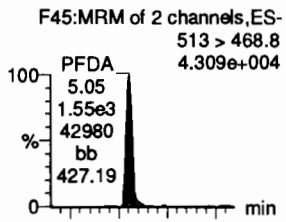


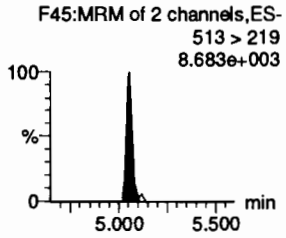
9Cl-PF30NS



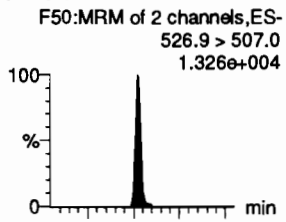


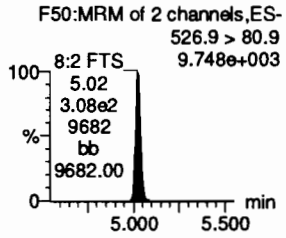
PFDA



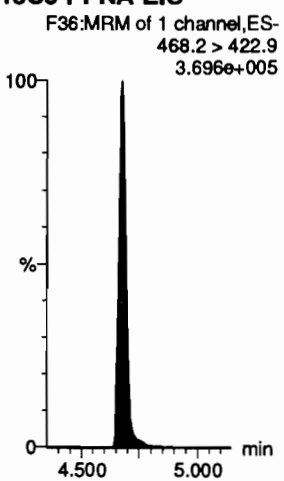


8:2 FTS

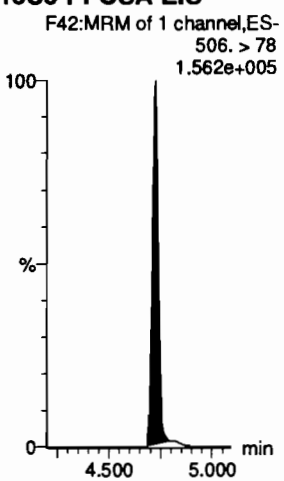




13C5-PFNA-EIS



13C8-PFOSA-EIS



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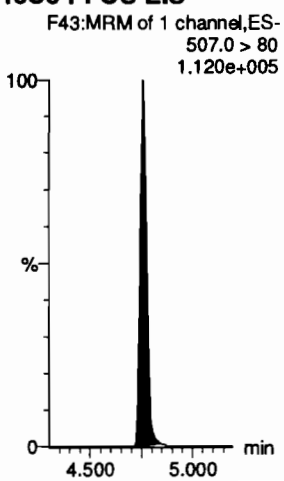

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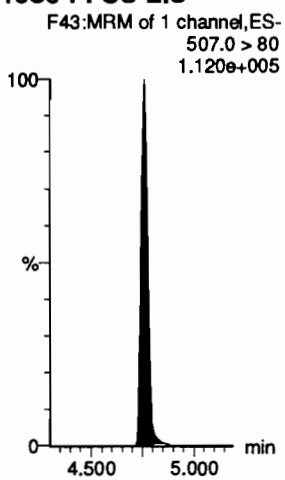
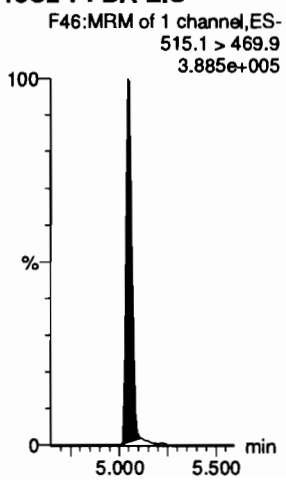
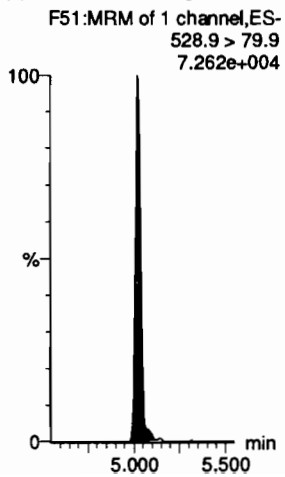


13C2-PFDA-EIS



13C2-8:2 FTS-EIS

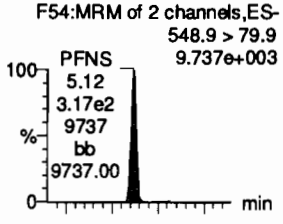


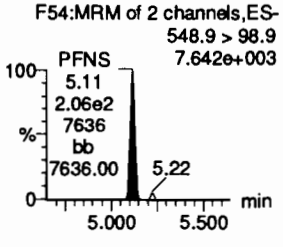
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

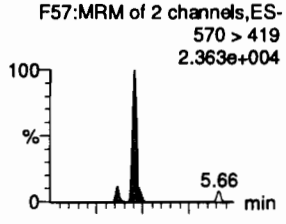
Name: 200708M1_5, Date: 08-Jul-2020, Time: 15:30:45, ID: ST200708M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

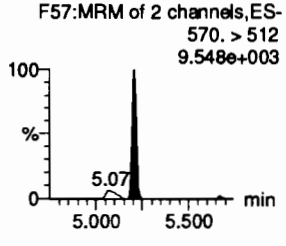
PFNS



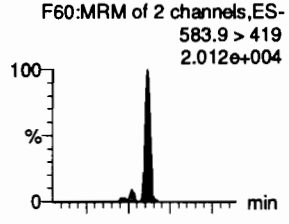


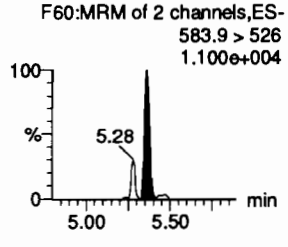
L-MeFOSAA





L-EtFOSAA





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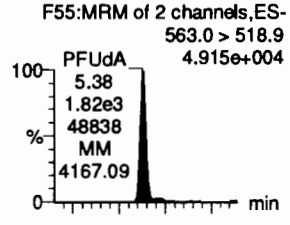

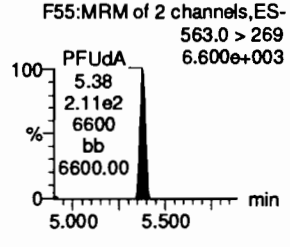

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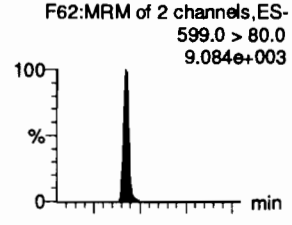
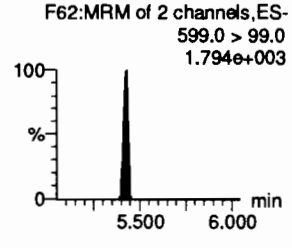
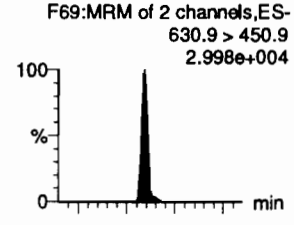
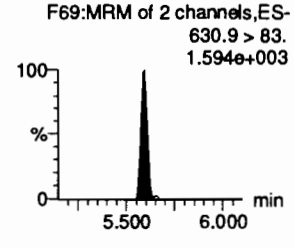


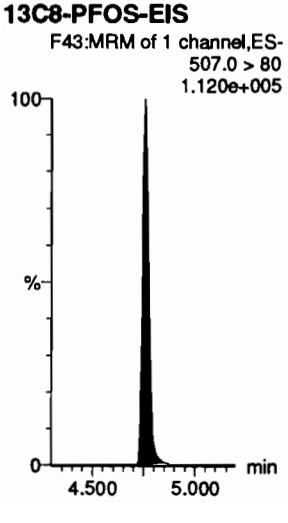


11Cl-PF30UdS

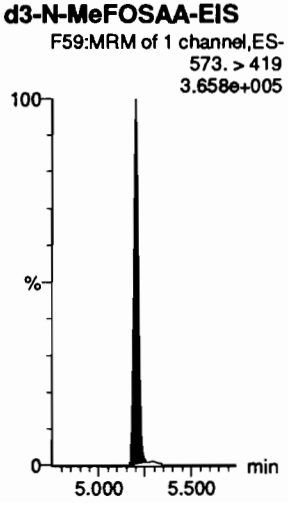




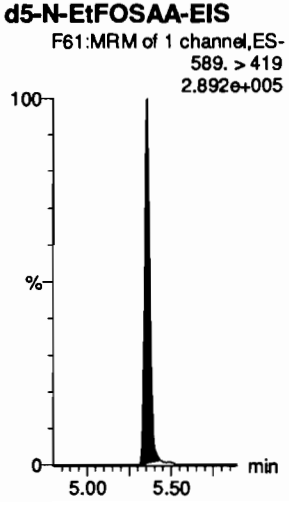
13C8-PFOS-EIS



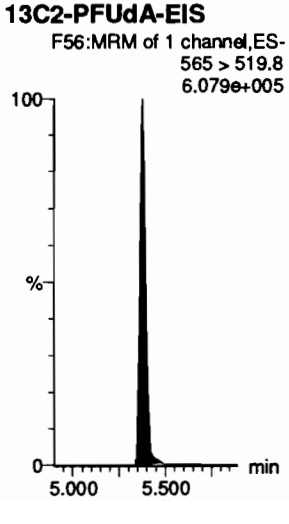
d3-N-MeFOSAA-EIS



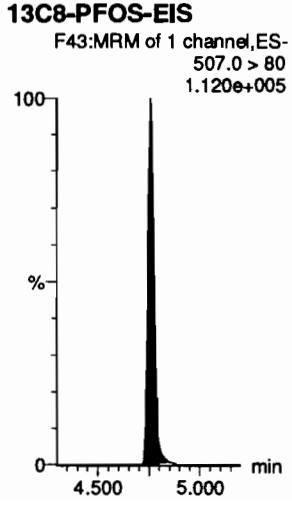
d5-N-EtFOSAA-EIS



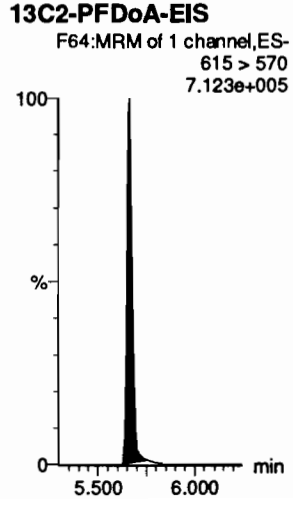
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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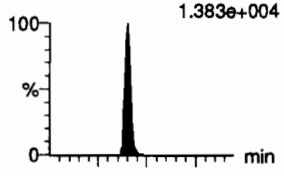
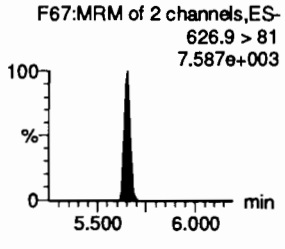
Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

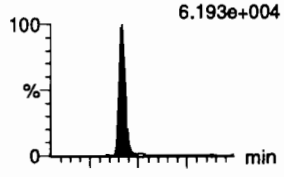
Name: 200708M1_5, Date: 08-Jul-2020, Time: 15:30:45, ID: ST200708M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

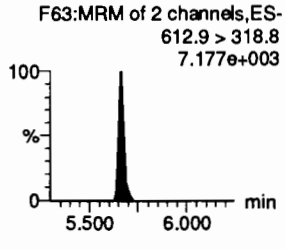
10:2 FTS



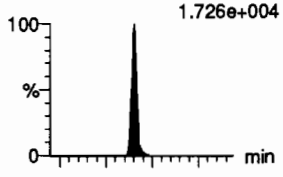


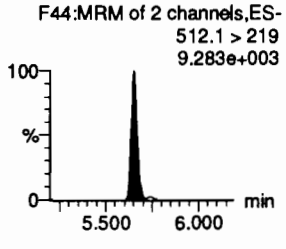
PFDoA



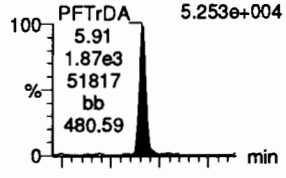


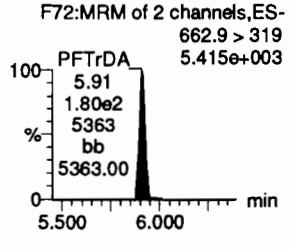
N-MeFOSA



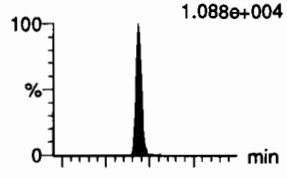


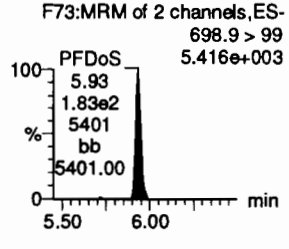
PFTrDA





PFDoS





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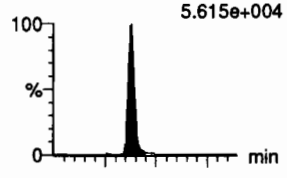
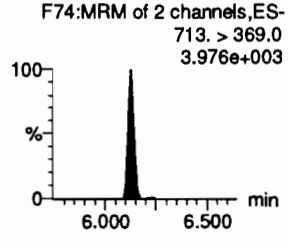
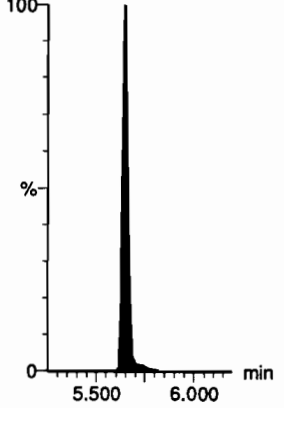
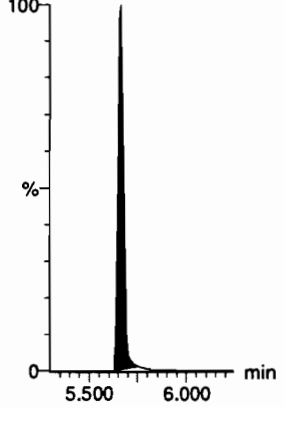




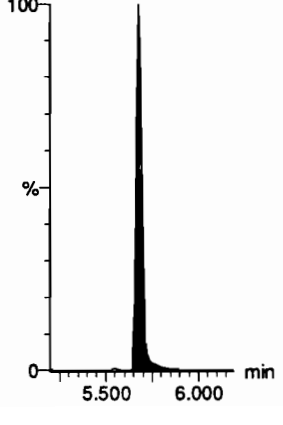
13C2-10:2 FTS-EIS



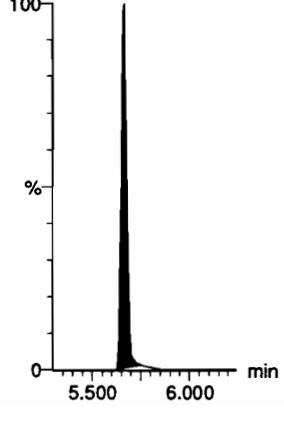
13C2-PFDoA-EIS



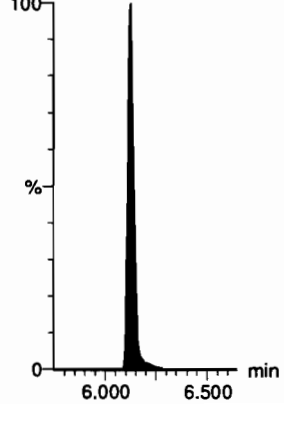
d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

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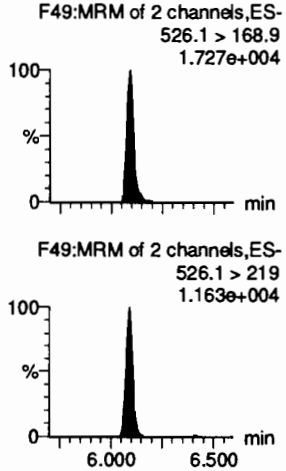
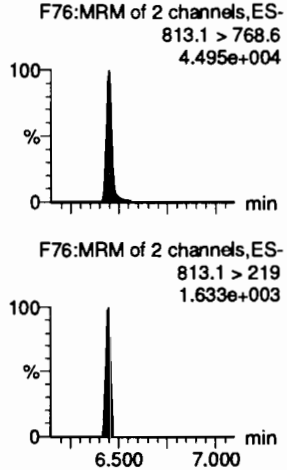
Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_5, Date: 08-Jul-2020, Time: 15:30:45, ID: ST200708M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

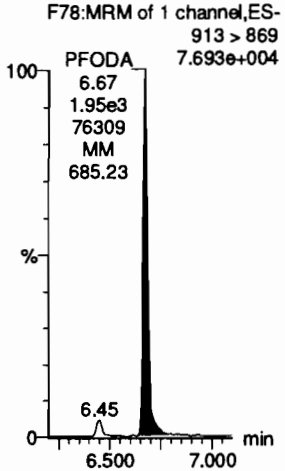
N-EtFOSA



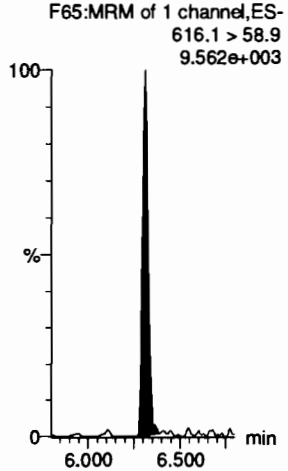
PFHxDA



PFODA



N-MeFOSE



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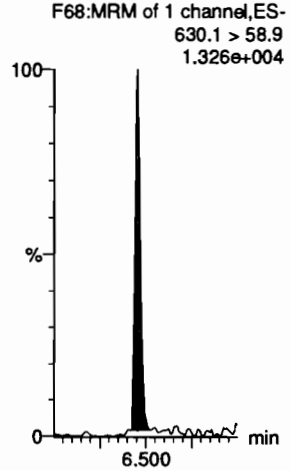
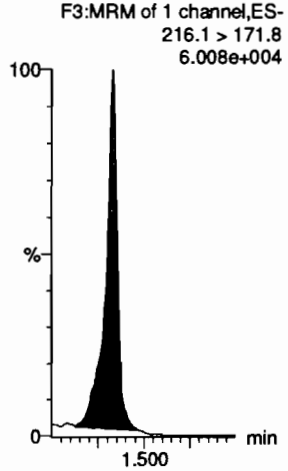
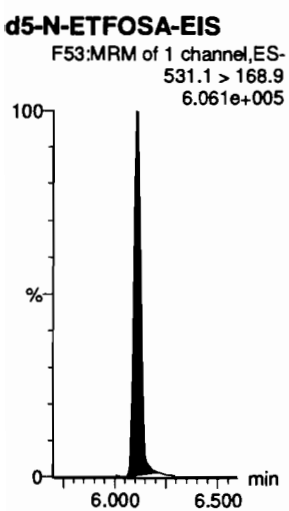


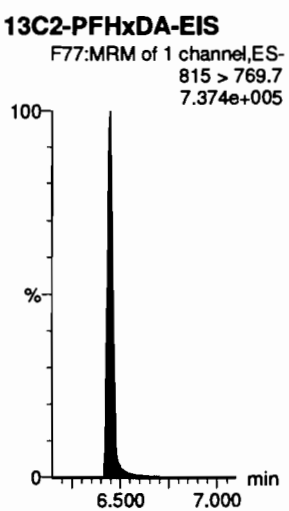
13C3-PFBA-RSD



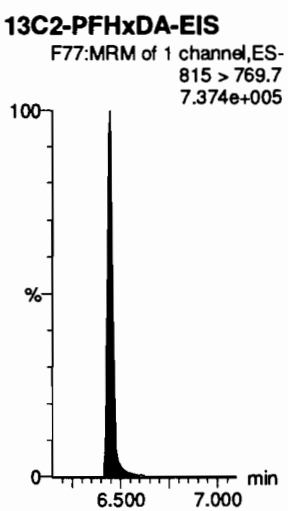
d5-N-ETFOSA-EIS



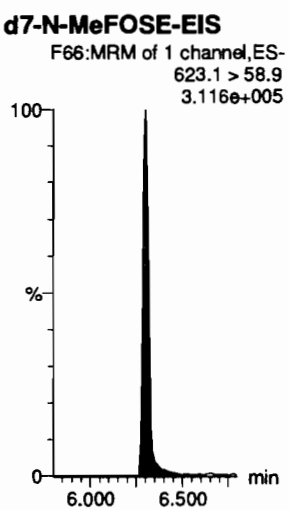
13C2-PFHxDA-EIS



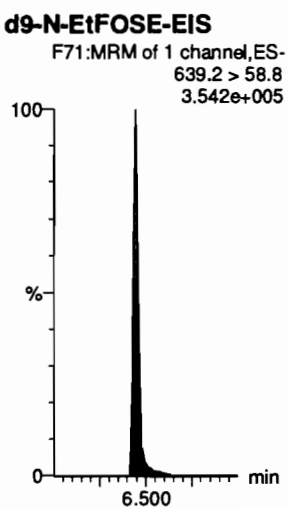
13C2-PFHxDA-EIS



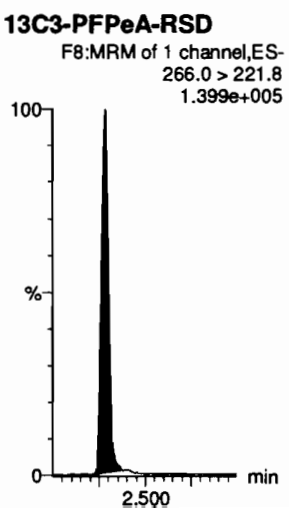
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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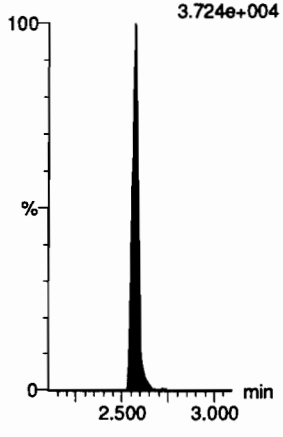
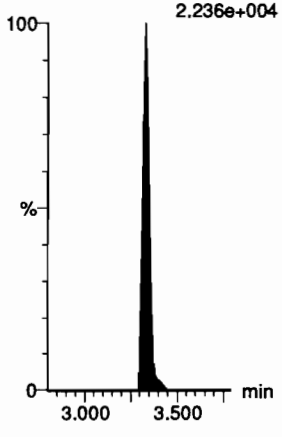
Name: 200708M1_5, Date: 08-Jul-2020, Time: 15:30:45, ID: ST200708M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

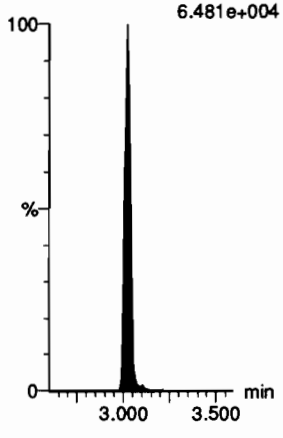
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.724e+004



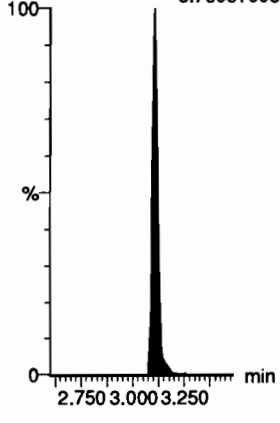
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.236e+004



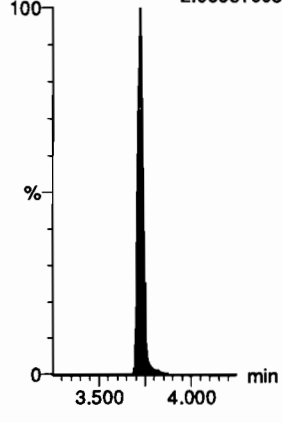
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.481e+004



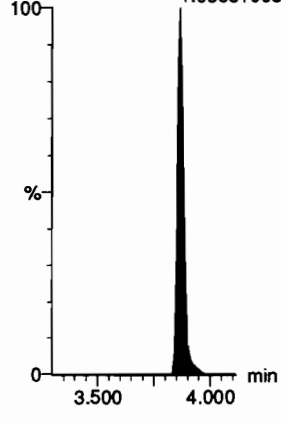
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.760e+005



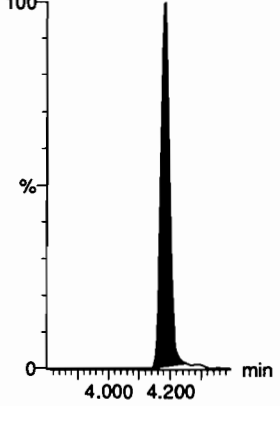
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.099e+005



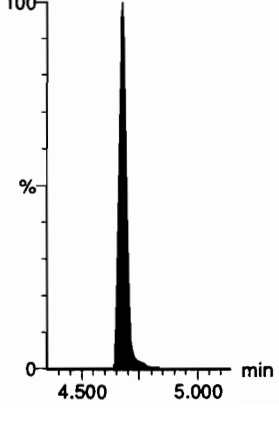
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.098e+005



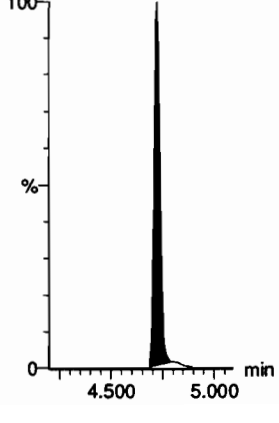
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.714e+004



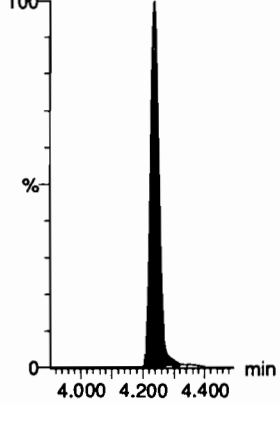
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.696e+005



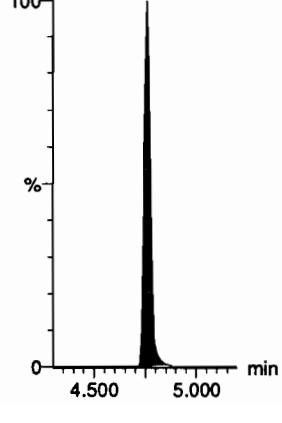
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.562e+005



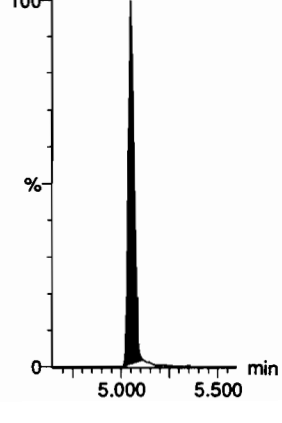
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.739e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.120e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.885e+005



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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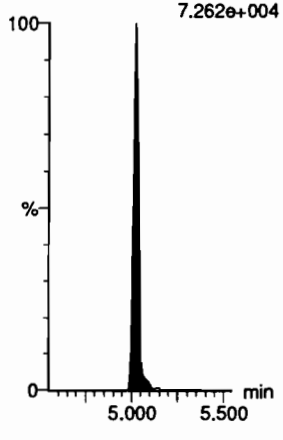
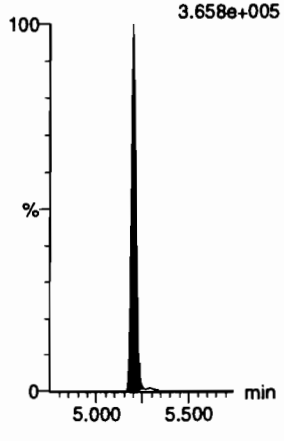
Name: 200708M1_5, Date: 08-Jul-2020, Time: 15:30:45, ID: ST200708M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

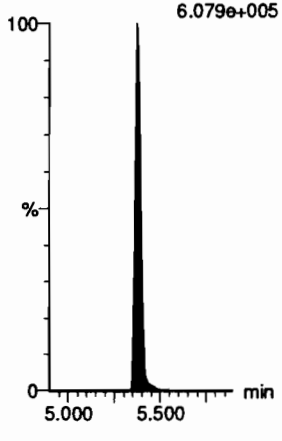
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
7.262e+004



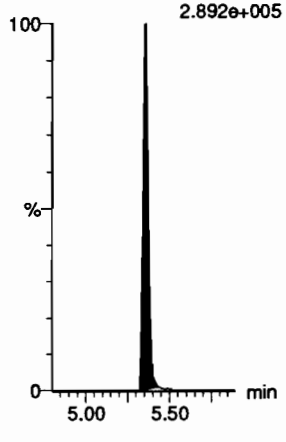
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.658e+005



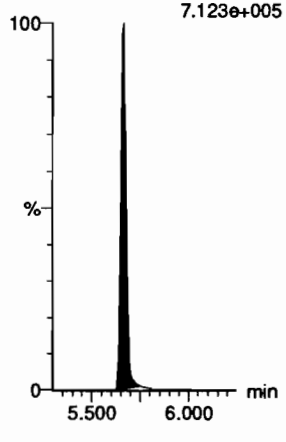
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.079e+005



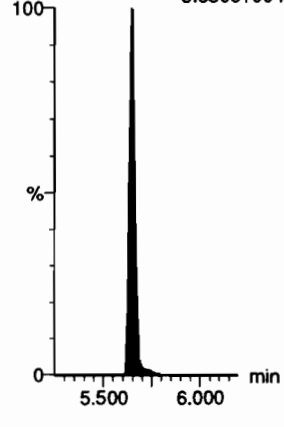
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.892e+005



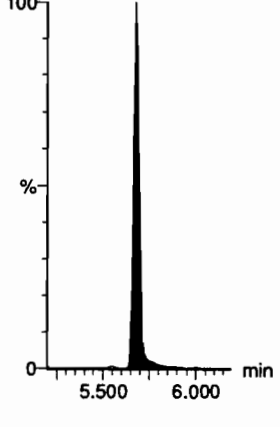
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
7.123e+005



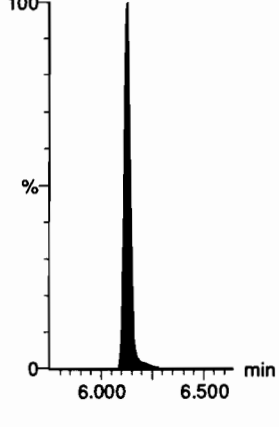
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.330e+004



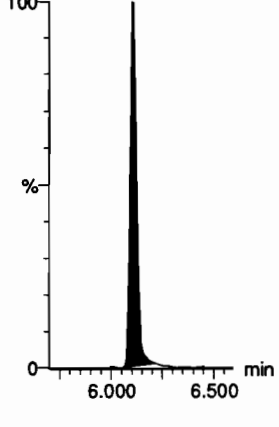
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.386e+005



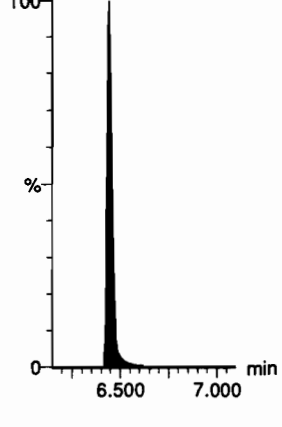
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.517e+005



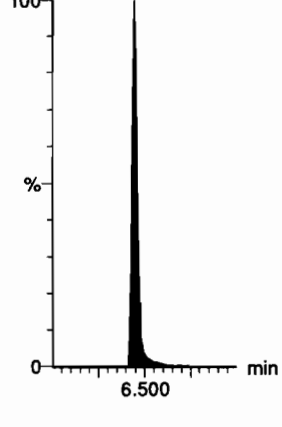
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.061e+005



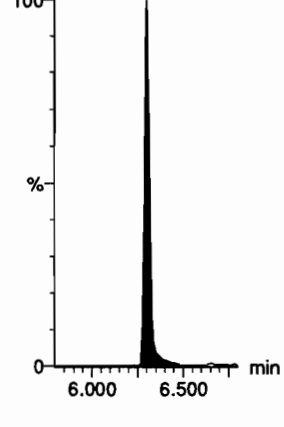
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.374e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.542e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.116e+005



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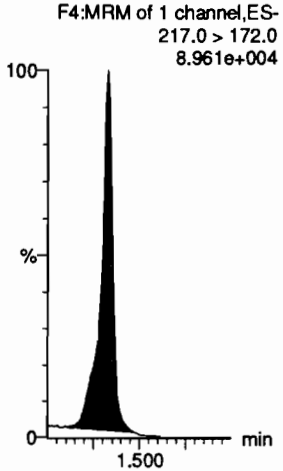
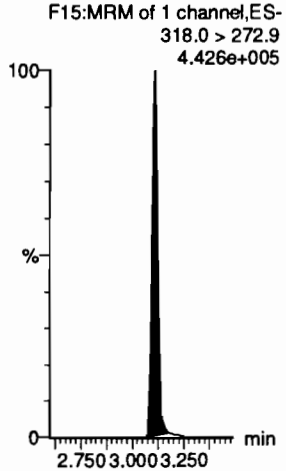
Name: 200708M1_5, Date: 08-Jul-2020, Time: 15:30:45, ID: ST200708M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

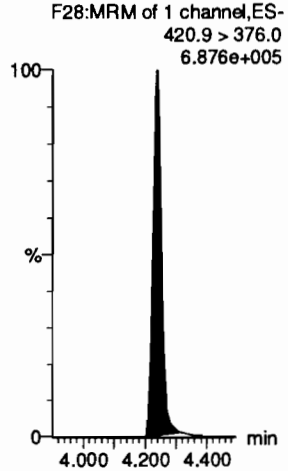
13C4-PFBA



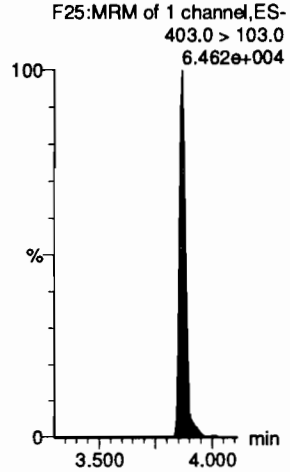
13C5-PFHxA



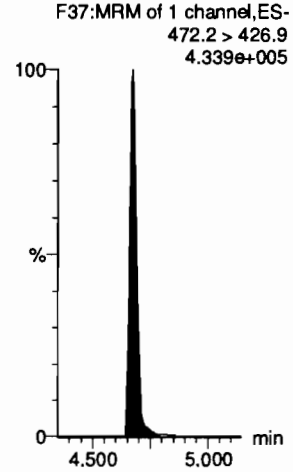
13C8-PFOA



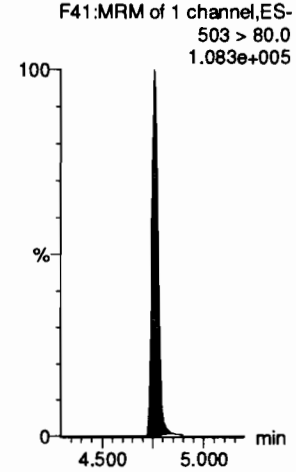
18O2-PFHxS



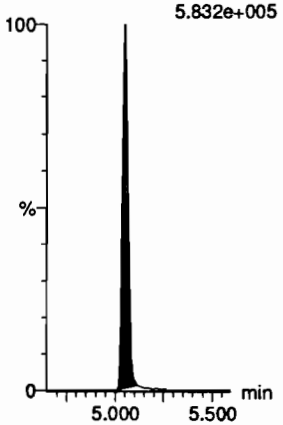
13C9-PFNA



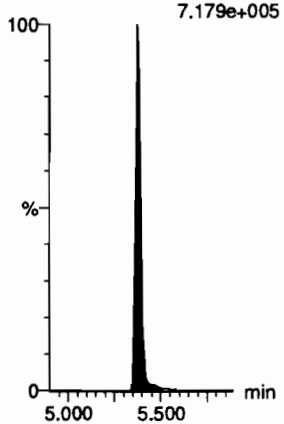
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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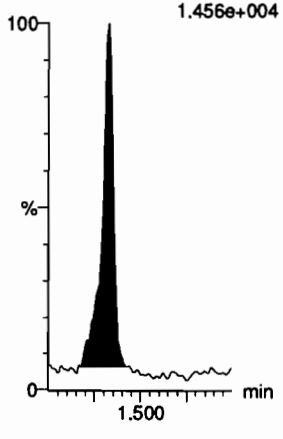
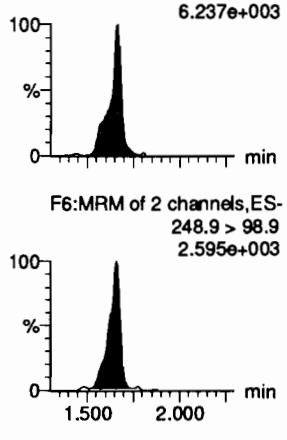
Name: 200708M1_6, Date: 08-Jul-2020, Time: 15:41:09, ID: ST200708M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

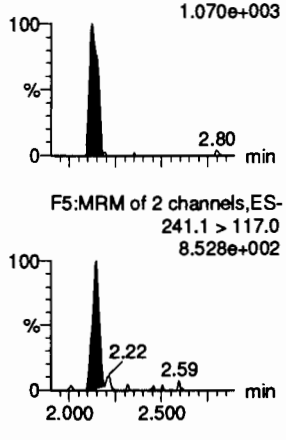
PFBA



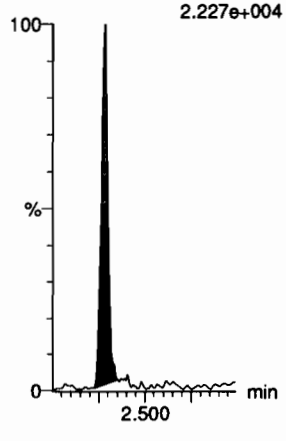
PFPrS



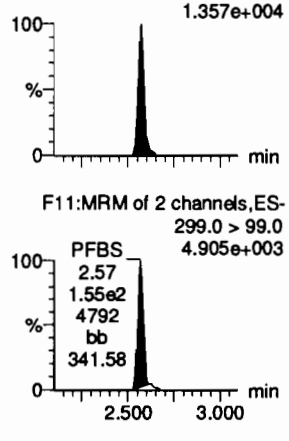
3:3 FTCA



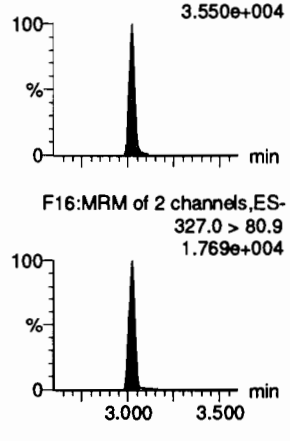
PFPeA



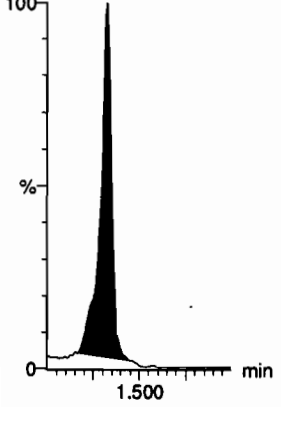
PFBS



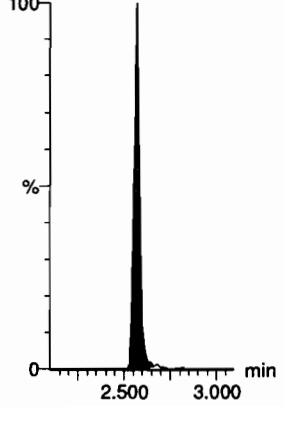
4:2 FTS



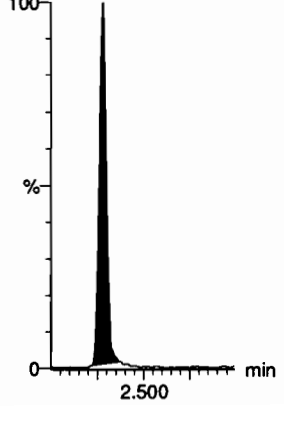
13C3-PFBA-EIS



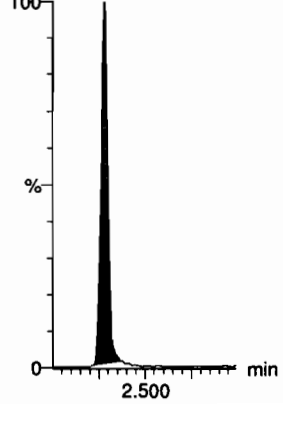
13C3-PFBS-EIS



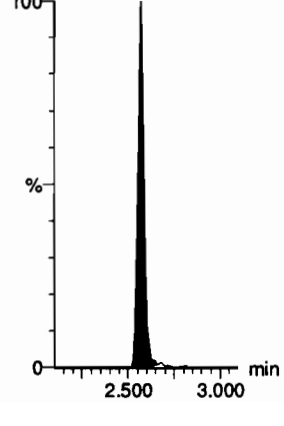
13C3-PFPeA-EIS



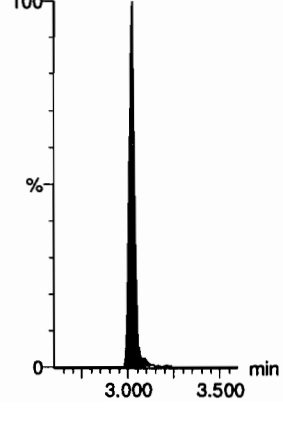
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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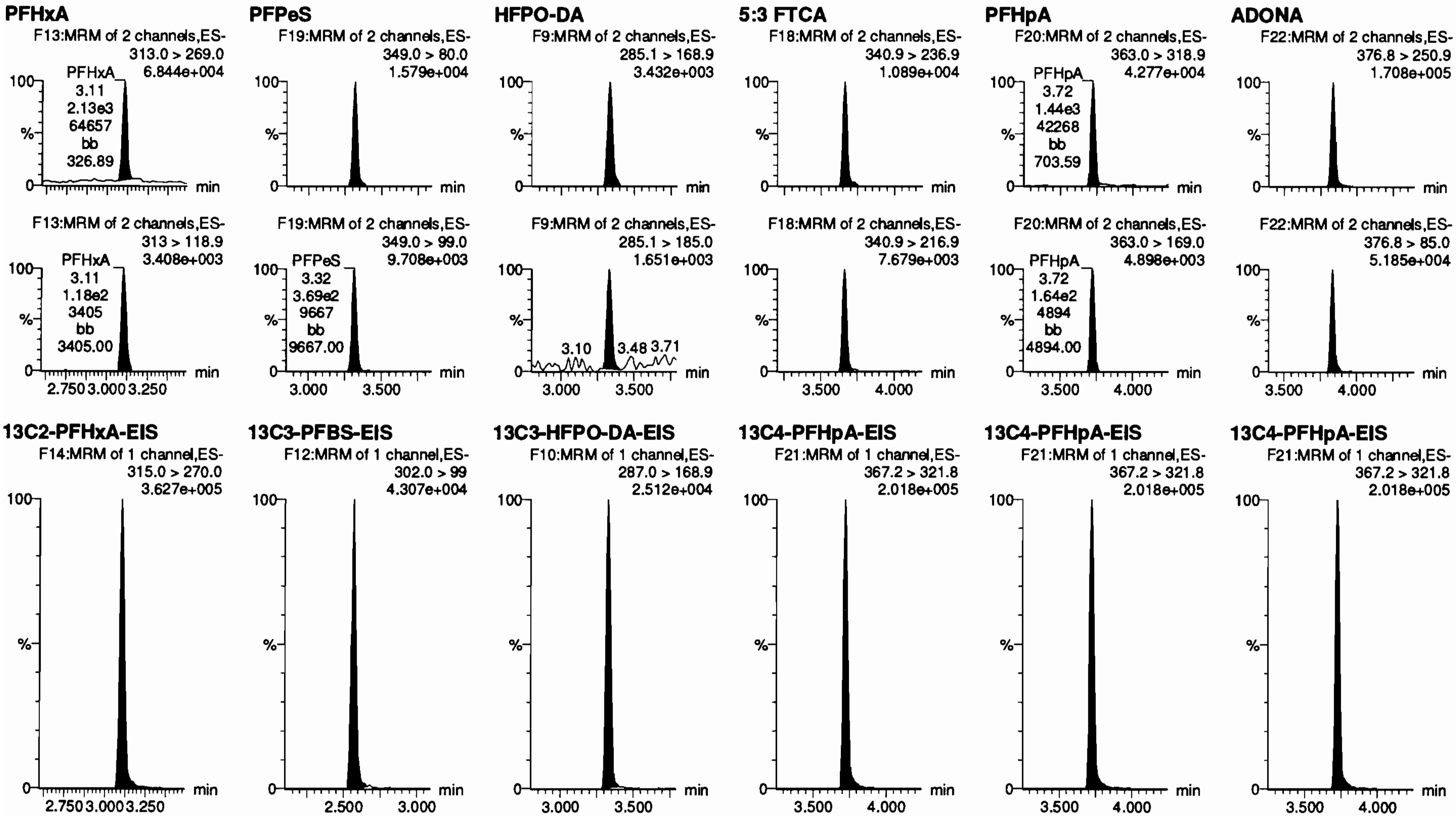
Name: 200708M1_6, Date: 08-Jul-2020, Time: 15:41:09, ID: ST200708M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904



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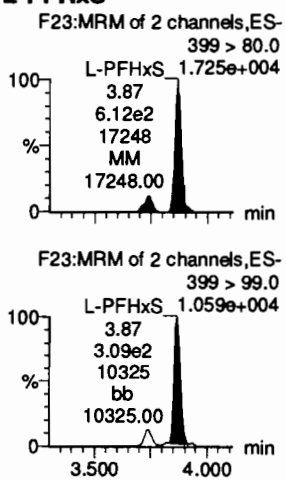
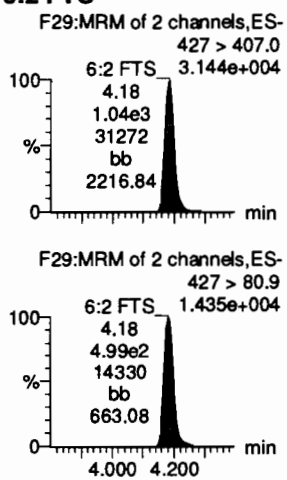
Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_6, Date: 08-Jul-2020, Time: 15:41:09, ID: ST200708M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

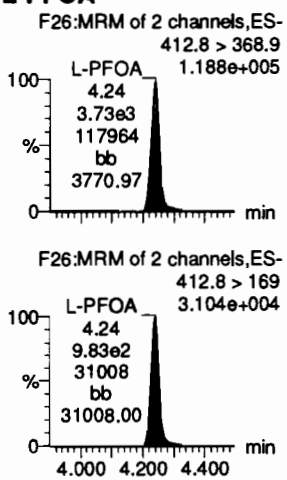
L-PFHxS



6:2 FTS



L-PFOA



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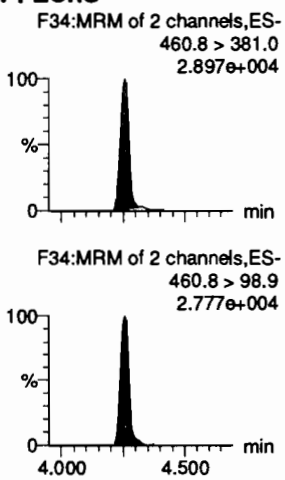

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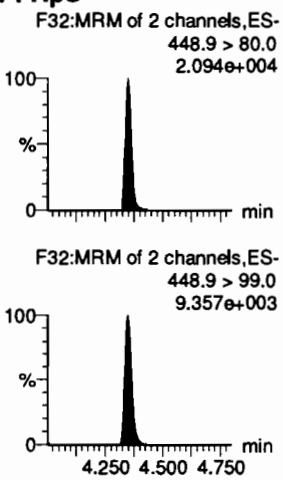
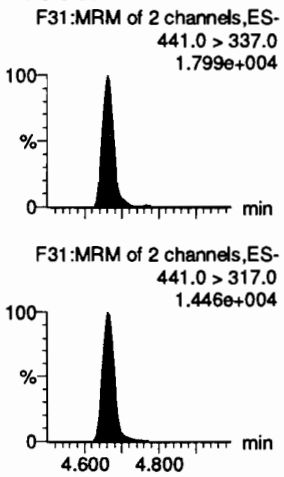
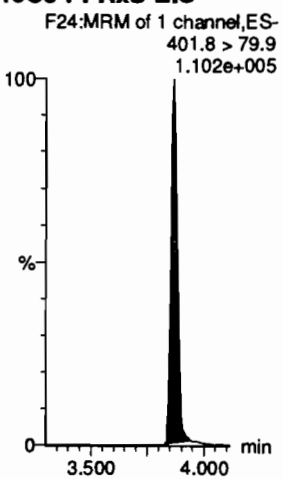


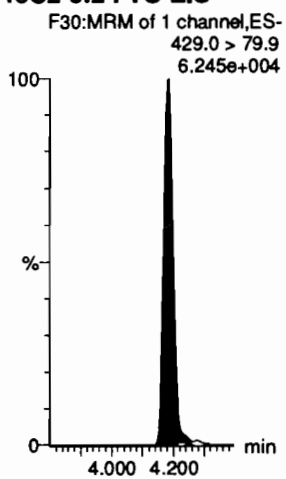
7:3 FTCA



13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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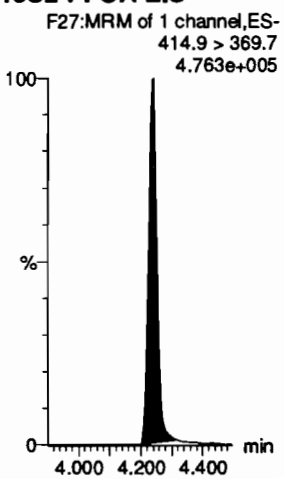

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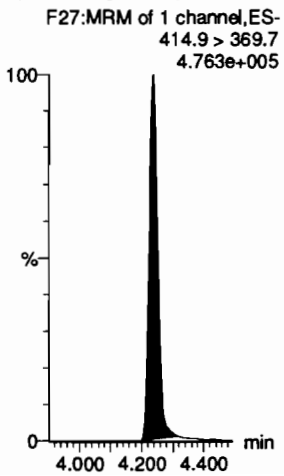

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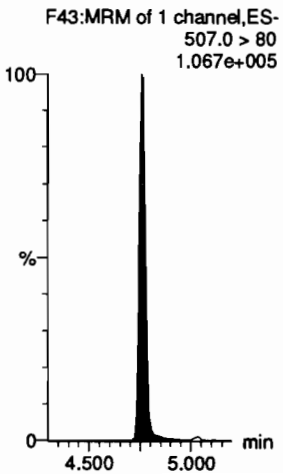
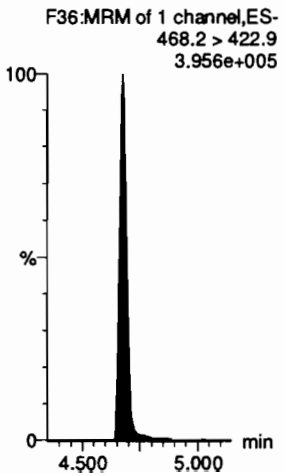


13C5-PFNA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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Name: 200708M1_6, Date: 08-Jul-2020, Time: 15:41:09, ID: ST200708M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

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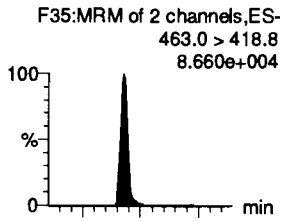

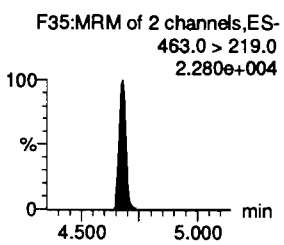

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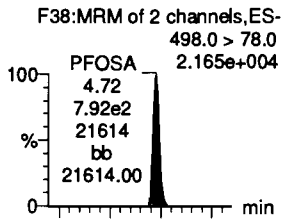
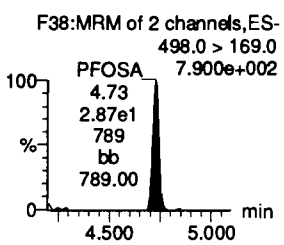
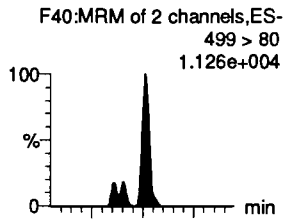
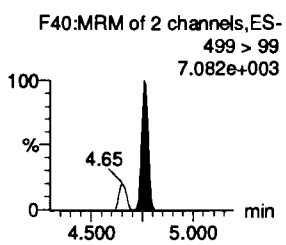


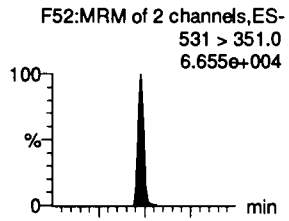


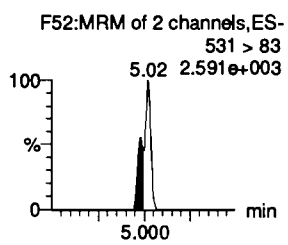
L-PFOS





9Cl-PF30NS





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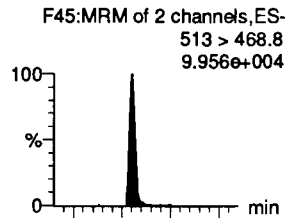
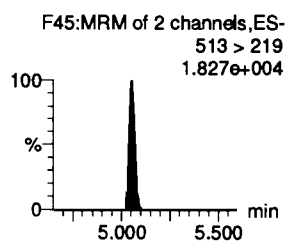
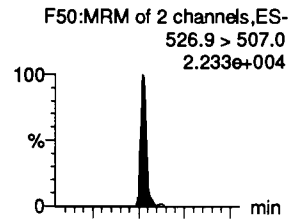
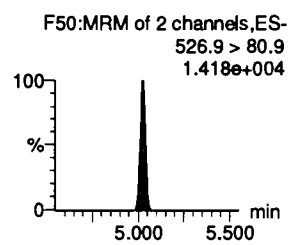


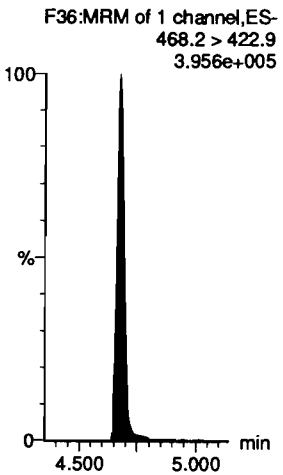


8:2 FTS





13C5-PFNA-EIS



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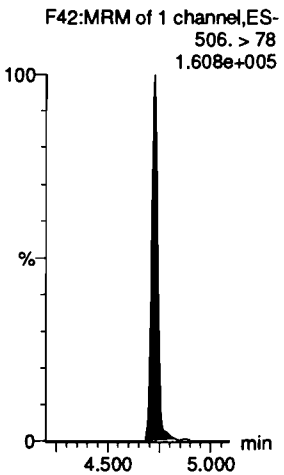

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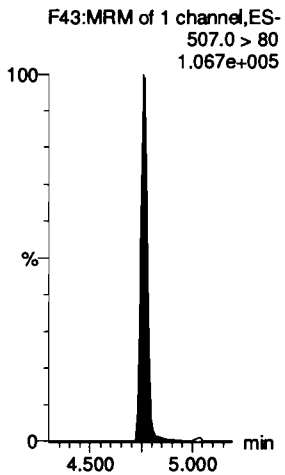

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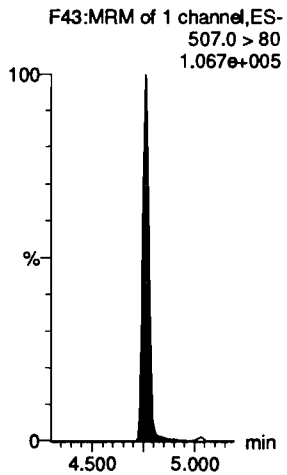
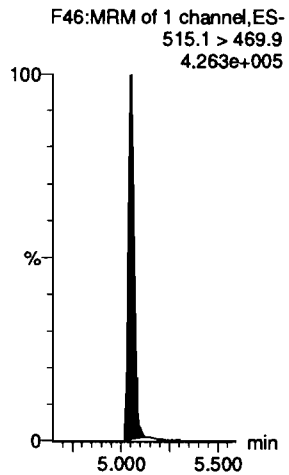
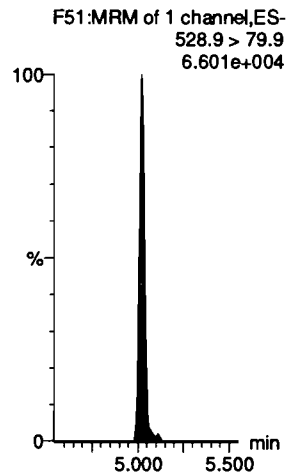


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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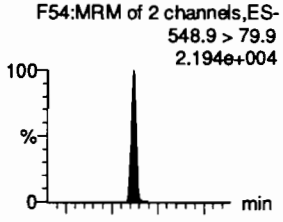
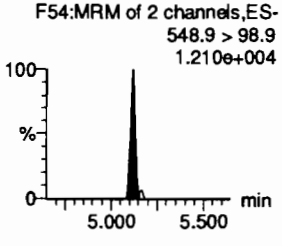
Name: 200708M1_6, Date: 08-Jul-2020, Time: 15:41:09, ID: ST200708M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

PFNS





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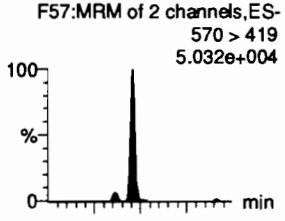
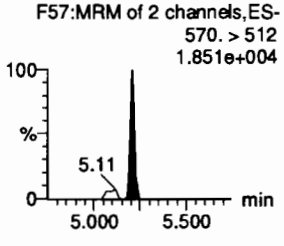
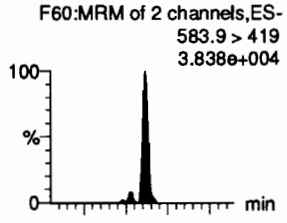
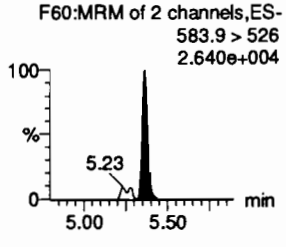




L-EtFOSAA





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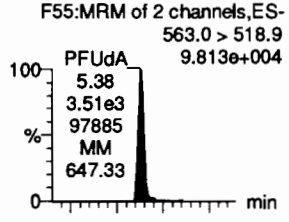

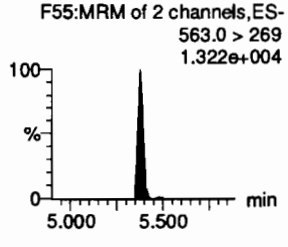

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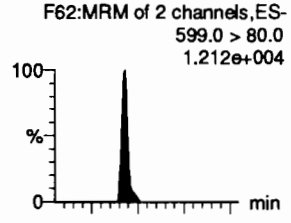

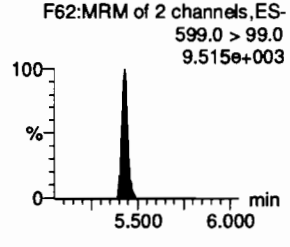

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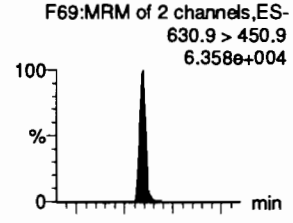

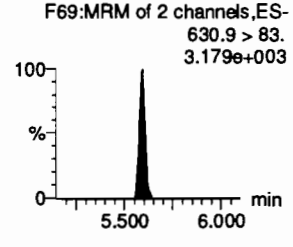

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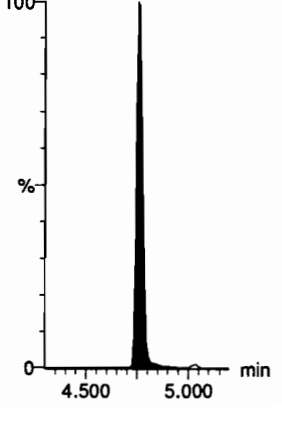

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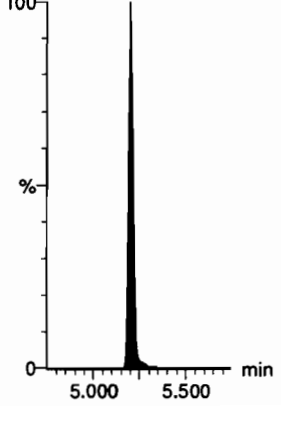

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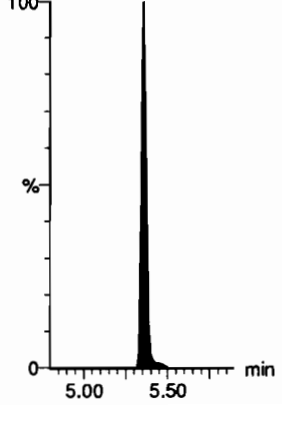

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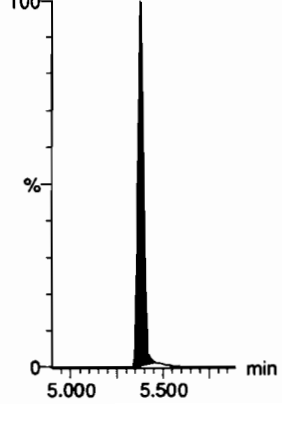

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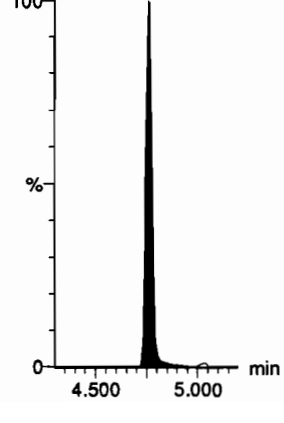

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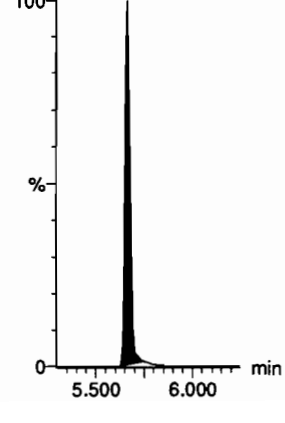

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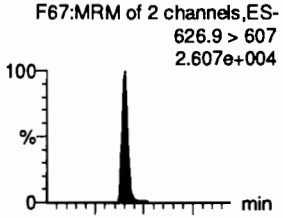
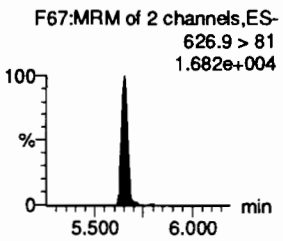
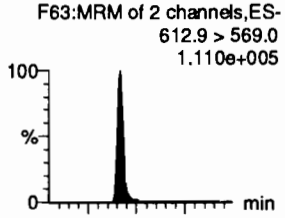
Name: 200708M1_6, Date: 08-Jul-2020, Time: 15:41:09, ID: ST200708M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

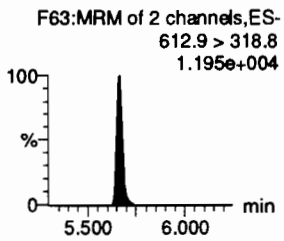
10:2 FTS



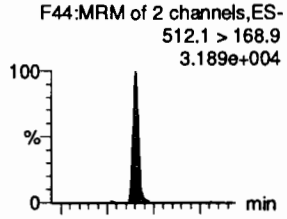


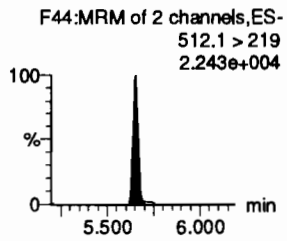
PFDoA



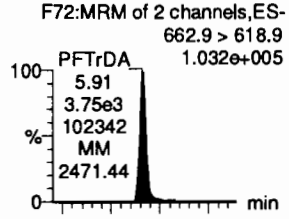


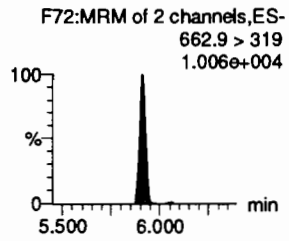
N-MeFOSA



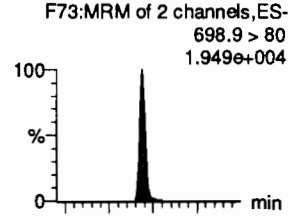


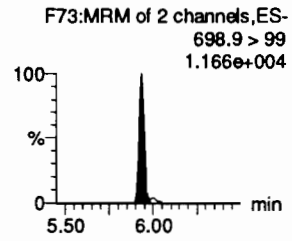
PFTrDA



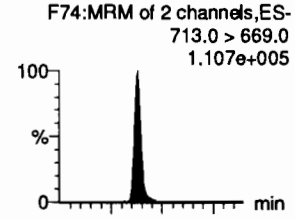


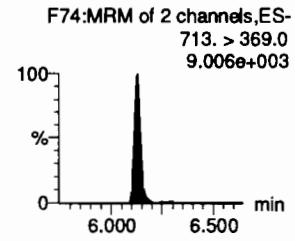
PFDoS



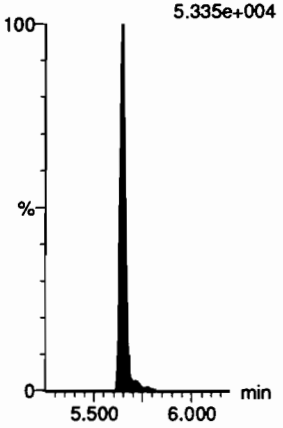


PFTeDA

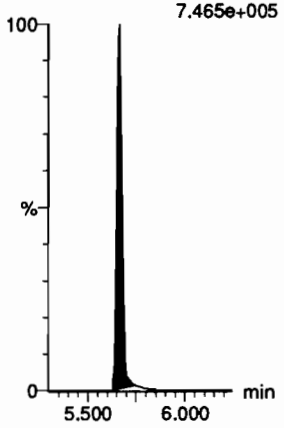




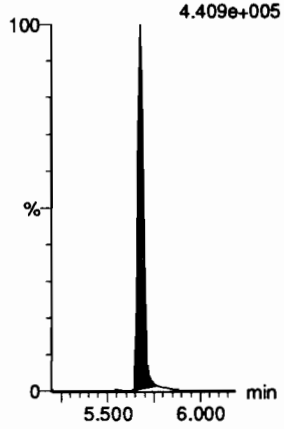
13C2-10:2 FTS-EIS



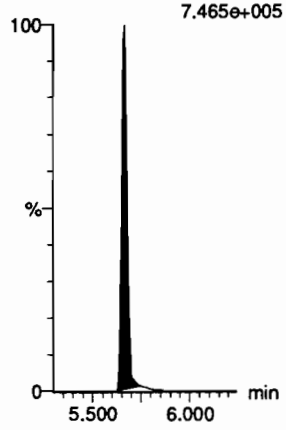
13C2-PFDoA-EIS



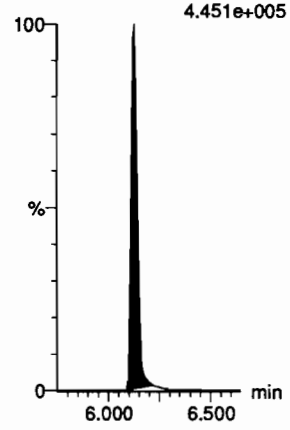
d3-N-MeFOSA-EIS



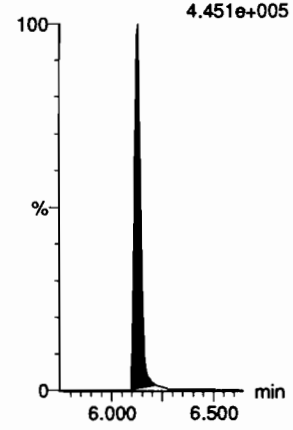
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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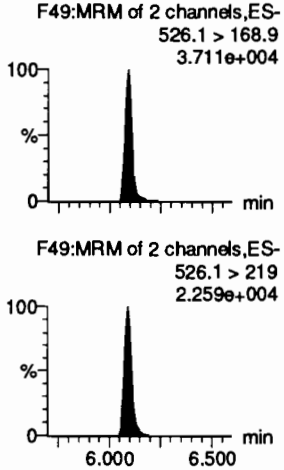
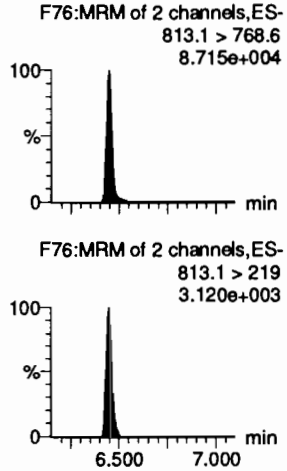
Name: 200708M1_6, Date: 08-Jul-2020, Time: 15:41:09, ID: ST200708M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

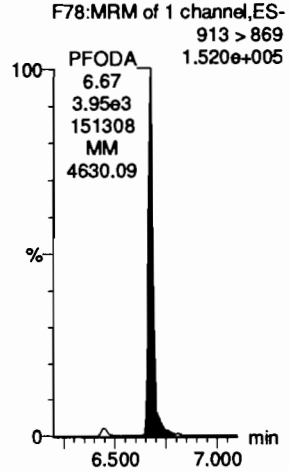
N-EtFOSA



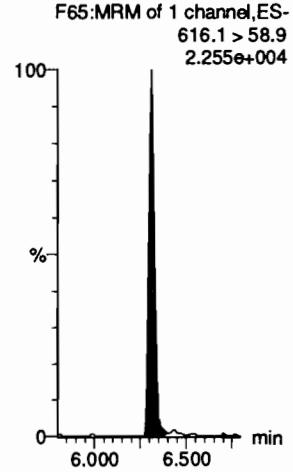
PFHxDA



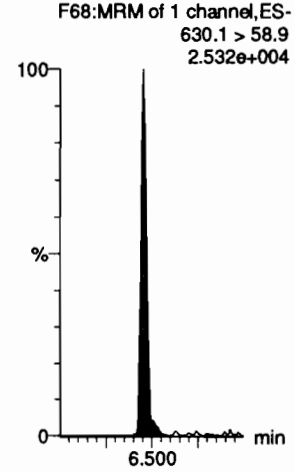
PFODA



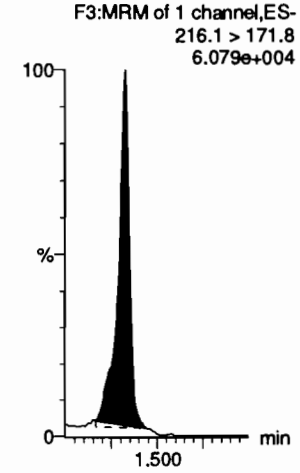
N-MeFOSE



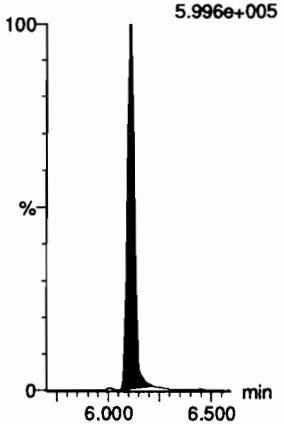
N-EtFOSE



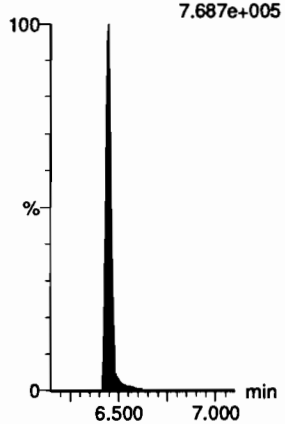
13C3-PFBA-RSD



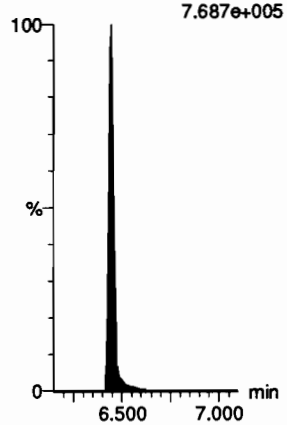
d5-N-ETFOSA-EIS



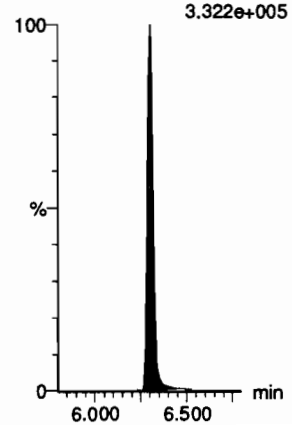
13C2-PFHxDA-EIS



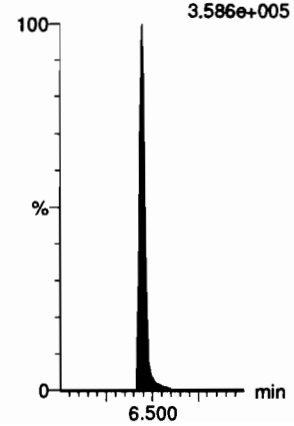
13C2-PFHxDA-EIS



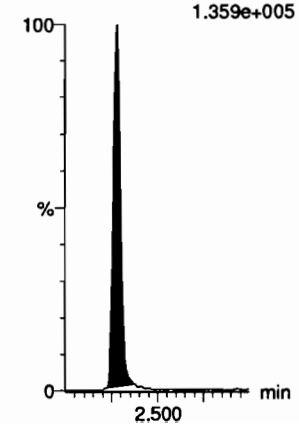
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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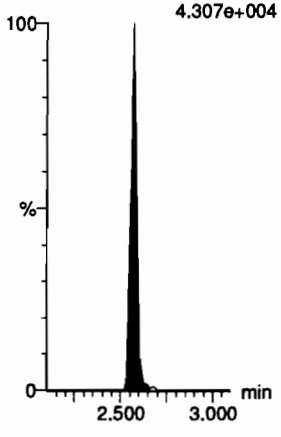
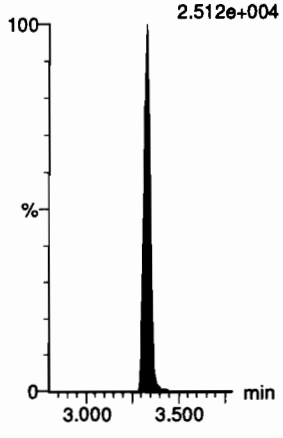
Name: 200708M1_6, Date: 08-Jul-2020, Time: 15:41:09, ID: ST200708M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

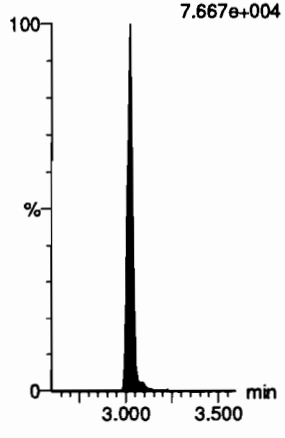
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
4.307e+004



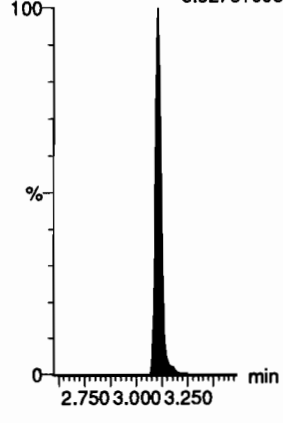
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.512e+004



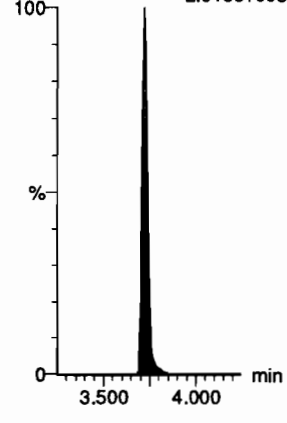
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.667e+004



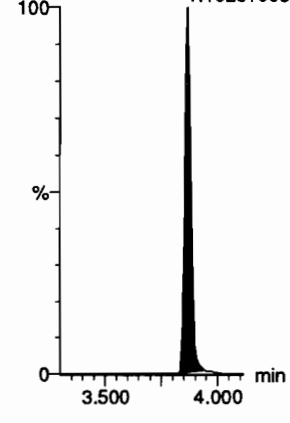
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.627e+005



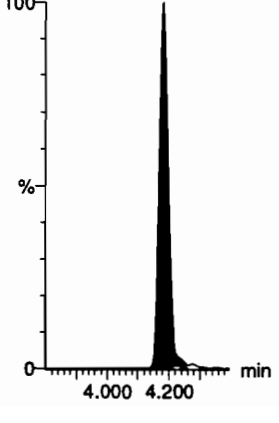
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.018e+005



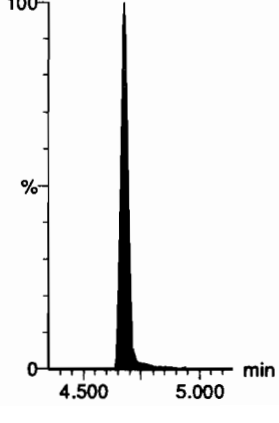
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.102e+005



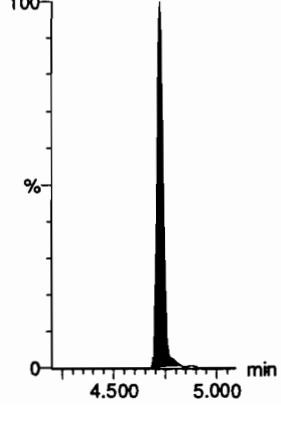
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.245e+004



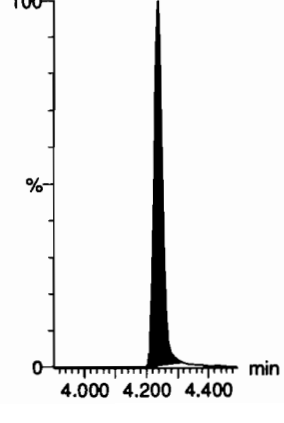
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.956e+005



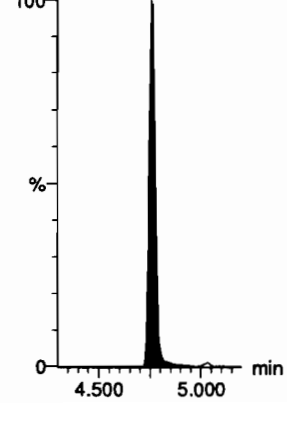
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.608e+005



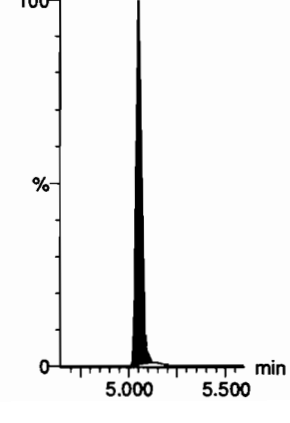
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.763e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.067e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.263e+005



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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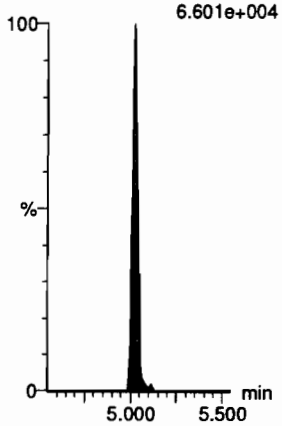
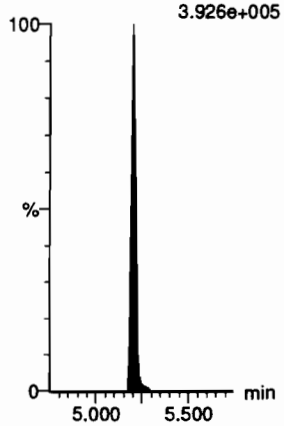
Name: 200708M1_6, Date: 08-Jul-2020, Time: 15:41:09, ID: ST200708M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

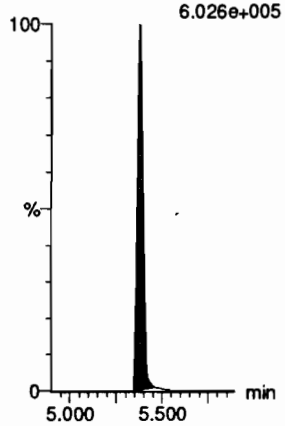
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.601e+004



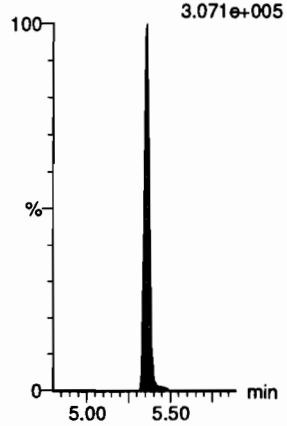
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.926e+005



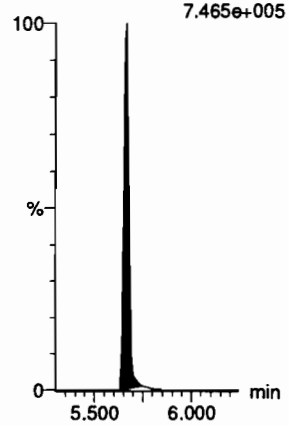
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.026e+005



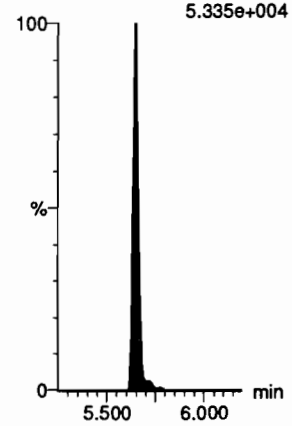
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
3.071e+005



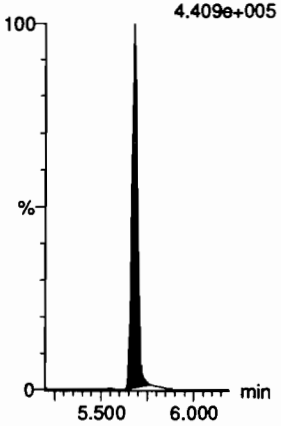
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
7.465e+005



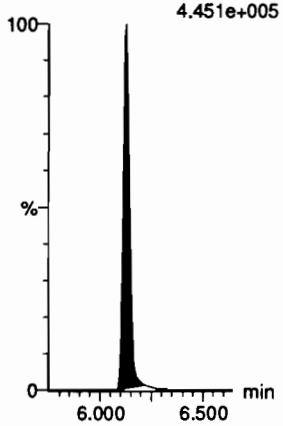
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.335e+004



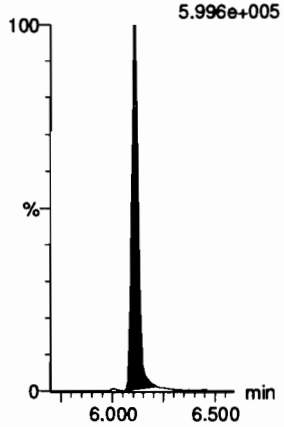
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.409e+005



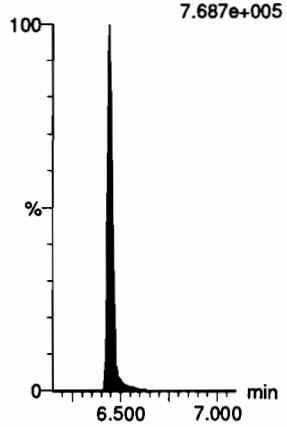
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.451e+005



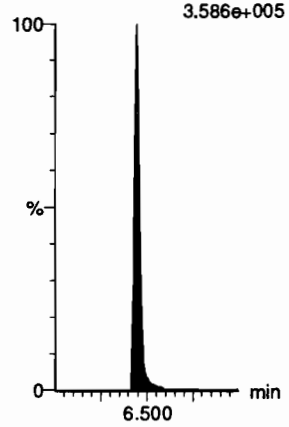
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.996e+005



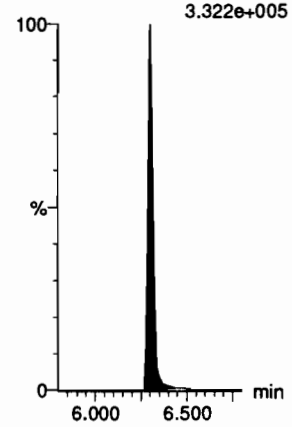
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.687e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.586e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.322e+005



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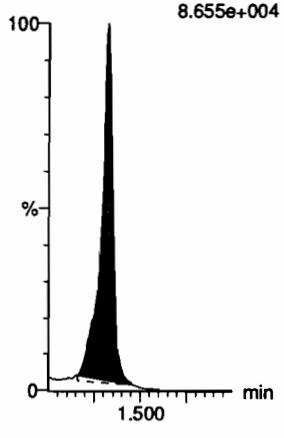
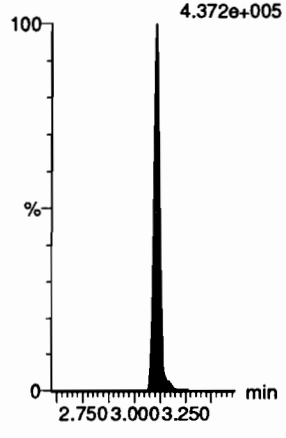
Name: 200708M1_6, Date: 08-Jul-2020, Time: 15:41:09, ID: ST200708M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

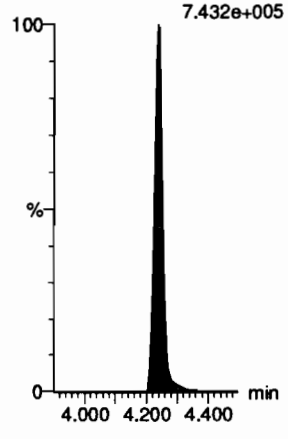
13C4-PFBA



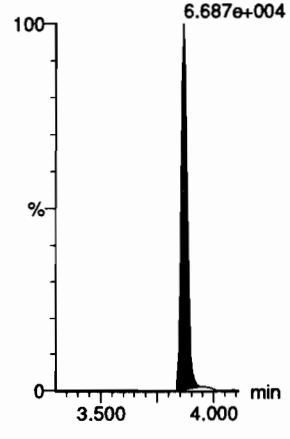
13C5-PFHxA



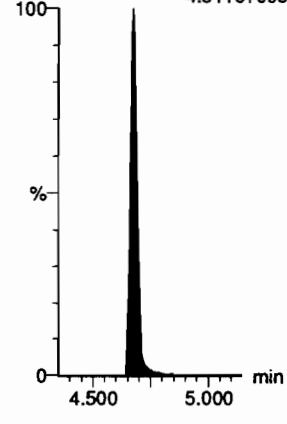
13C8-PFOA



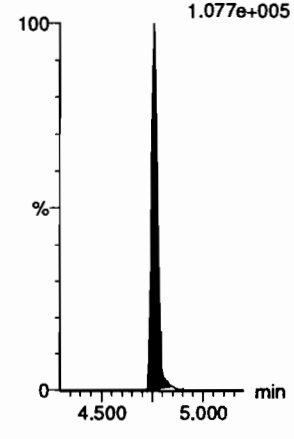
18O2-PFHxS



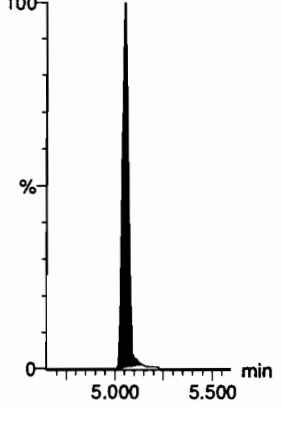
13C9-PFNA



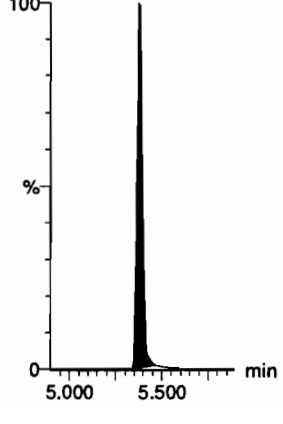
13C4-PFOS



13C6-PFDA



13C7-PFUdA

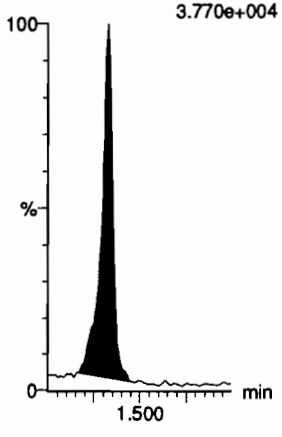


Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

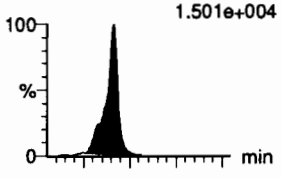
Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_7, Date: 08-Jul-2020, Time: 15:51:35, ID: ST200708M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

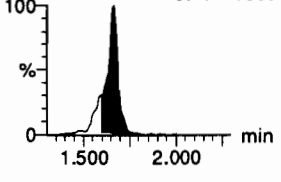
PFBA
F2:MRM of 1 channel,ES-
213.0 > 169.0
3.770e+004



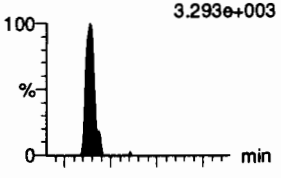
PFPrS
F6:MRM of 2 channels,ES-
248.9 > 79.9
1.501e+004



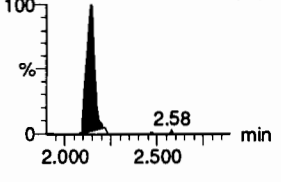
F6:MRM of 2 channels,ES-
248.9 > 98.9
5.717e+003



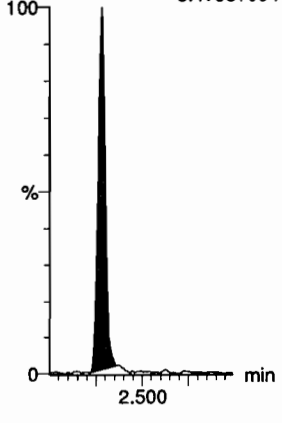
3:3 FTCA
F5:MRM of 2 channels,ES-
241.1 > 177.0
3.293e+003



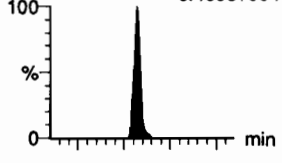
F5:MRM of 2 channels,ES-
241.1 > 117.0
1.748e+003



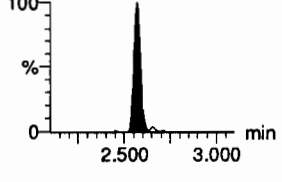
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
5.479e+004



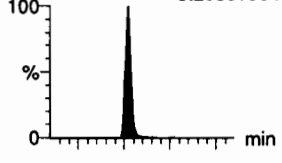
PFBS
F11:MRM of 2 channels,ES-
299.0 > 79.7
3.433e+004



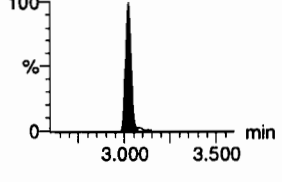
F11:MRM of 2 channels,ES-
299.0 > 99.0
1.098e+004



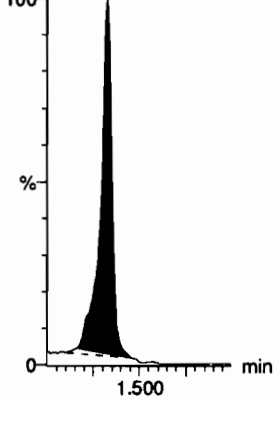
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 306.9
8.295e+004



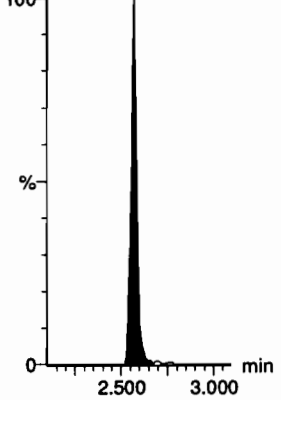
F16:MRM of 2 channels,ES-
327.0 > 80.9
4.547e+004



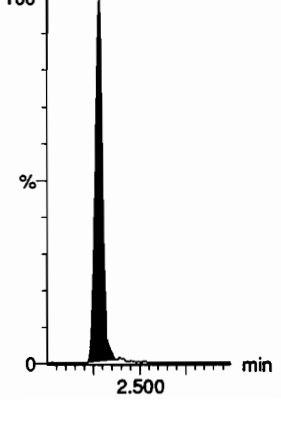
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
6.234e+004



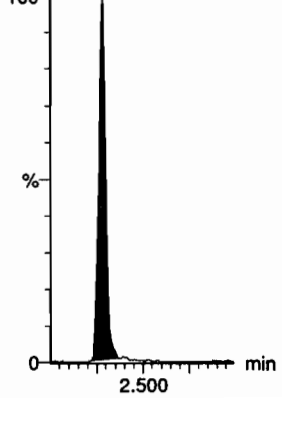
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
4.345e+004



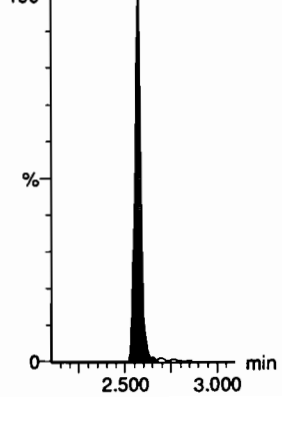
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.452e+005



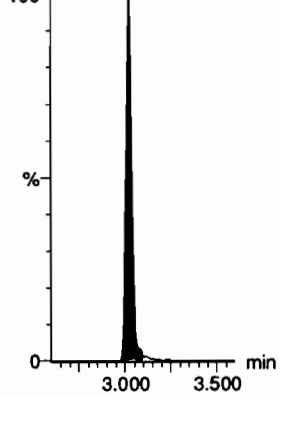
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.452e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
4.345e+004



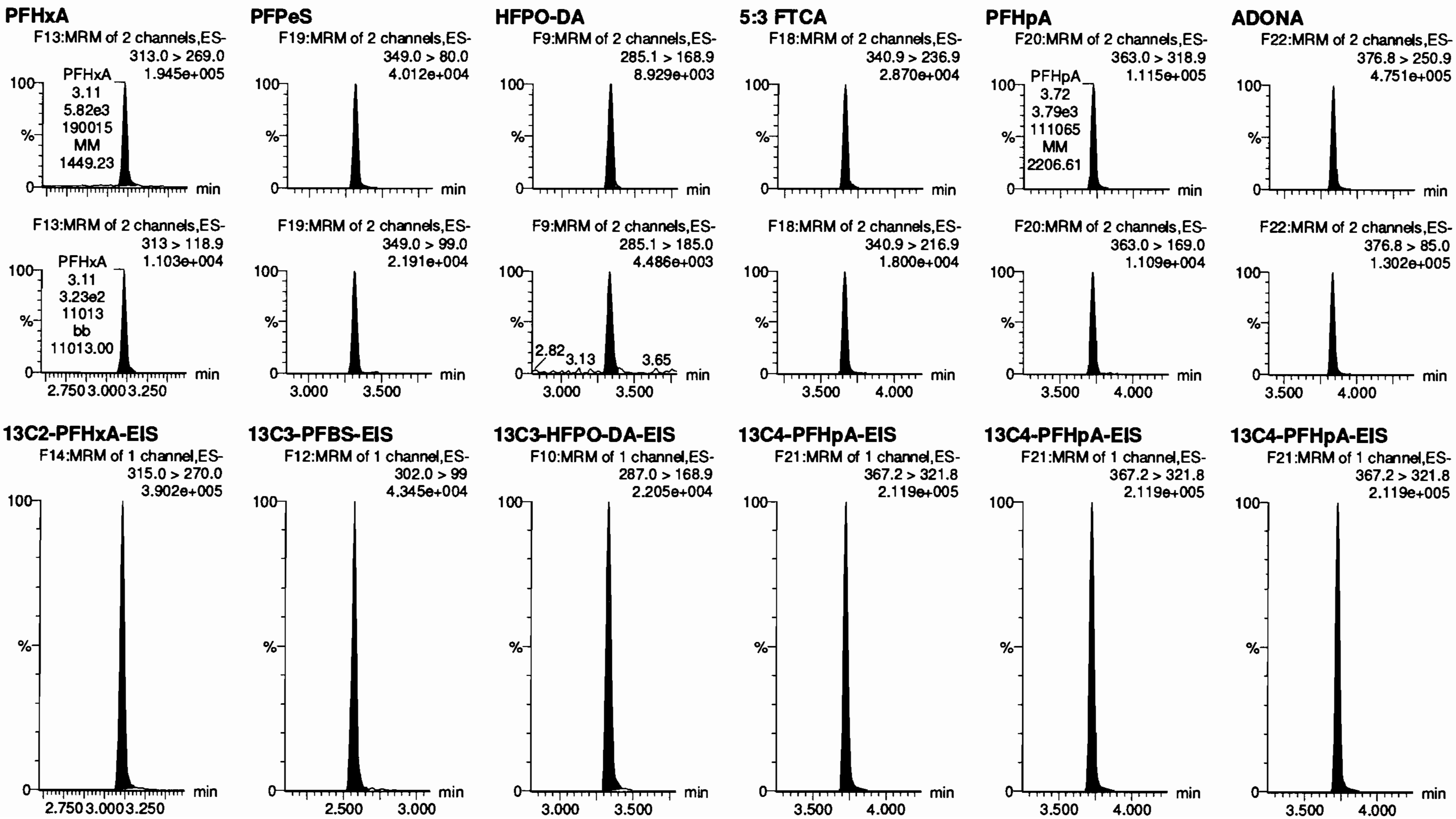
13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.395e+004



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_7, Date: 08-Jul-2020, Time: 15:51:35, ID: ST200708M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

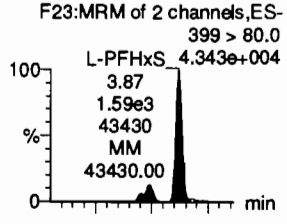


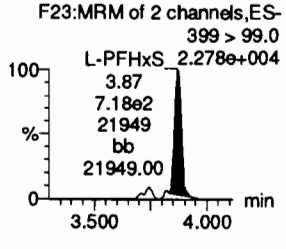
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

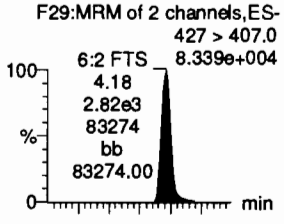
Name: 200708M1_7, Date: 08-Jul-2020, Time: 15:51:35, ID: ST200708M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

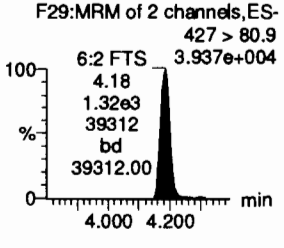
L-PFHxS



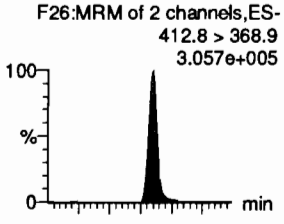


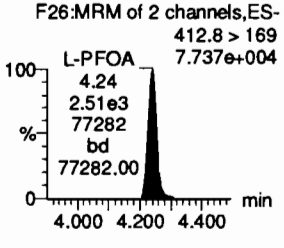
6:2 FTS



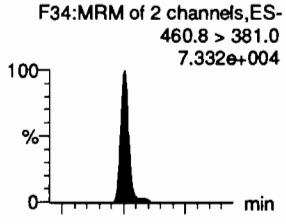


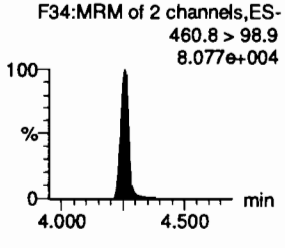
L-PFOA



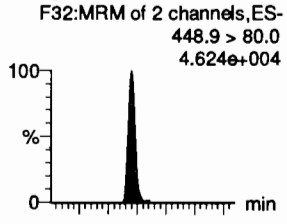


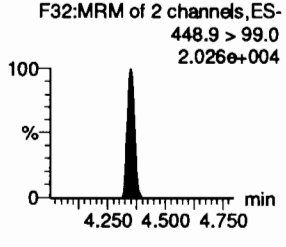
PFEChS



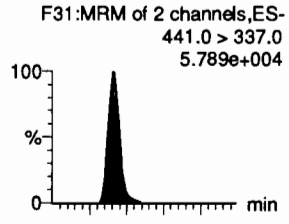


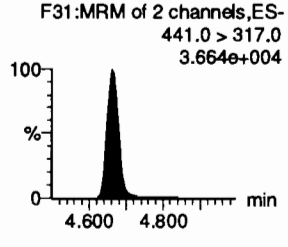
PFHpS



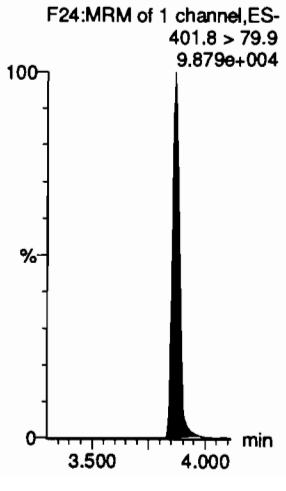


7:3 FTCA

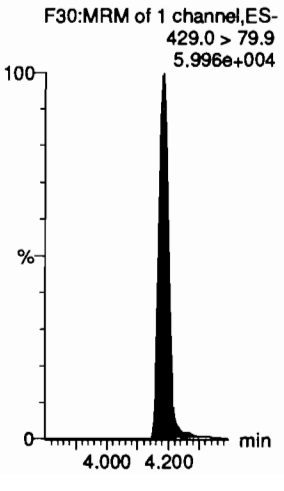




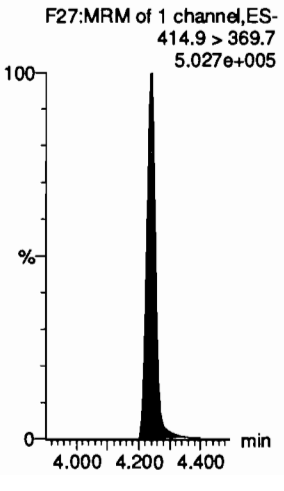
13C3-PFHxS-EIS



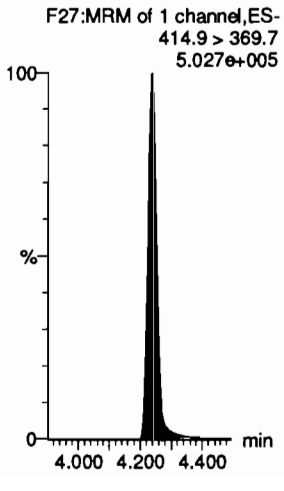
13C2-6:2 FTS-EIS



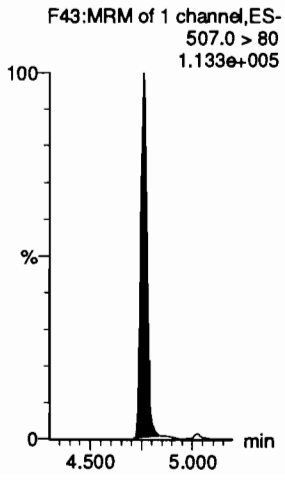
13C2-PFOA-EIS



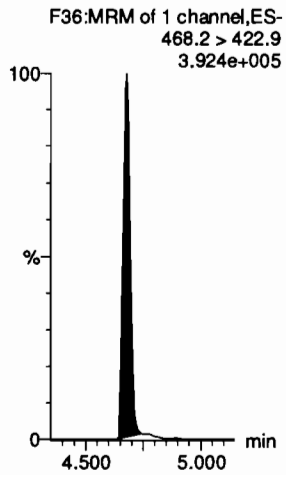
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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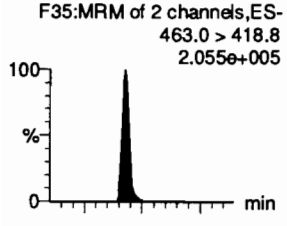
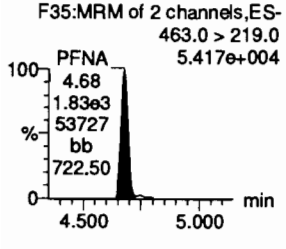
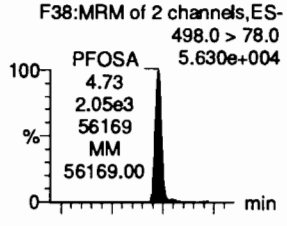
Name: 200708M1_7, Date: 08-Jul-2020, Time: 15:51:35, ID: ST200708M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

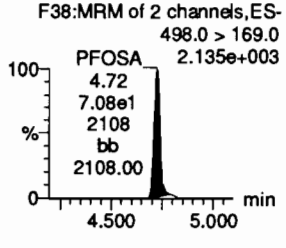
PFNA



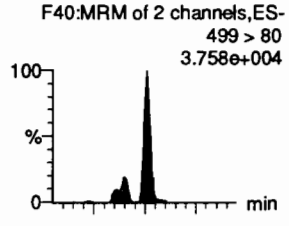


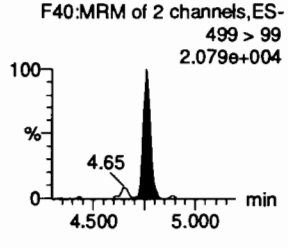
PFOSA



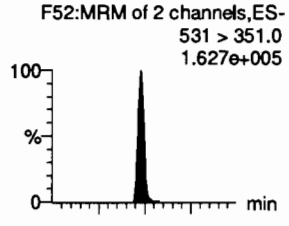


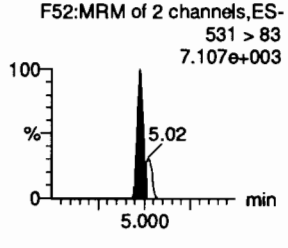
L-PFOS



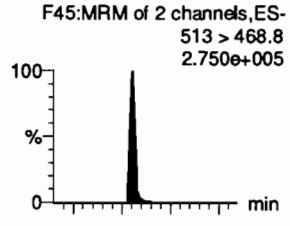


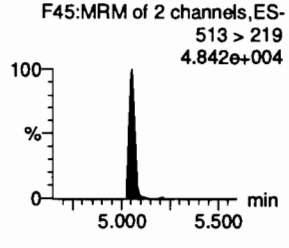
9Cl-PF30NS



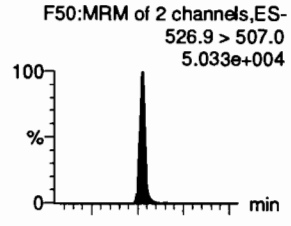


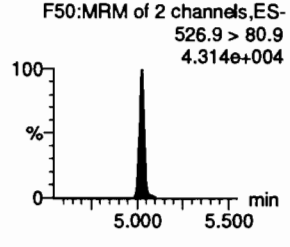
PFDA



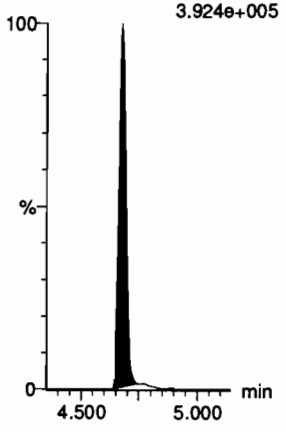


8:2 FTS

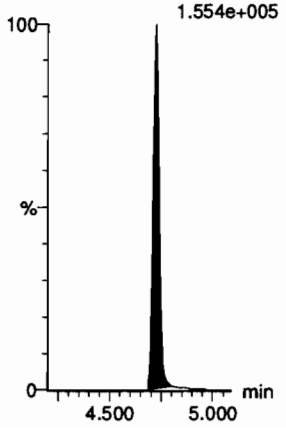




13C5-PFNA-EIS



13C8-PFOSA-EIS



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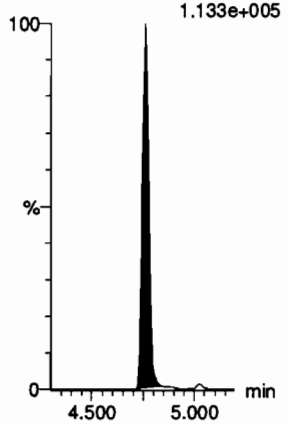
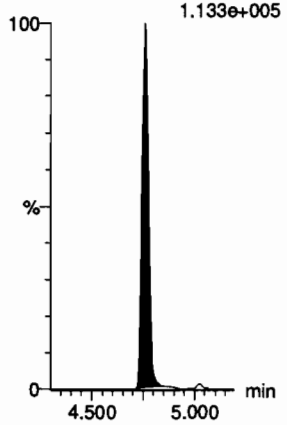
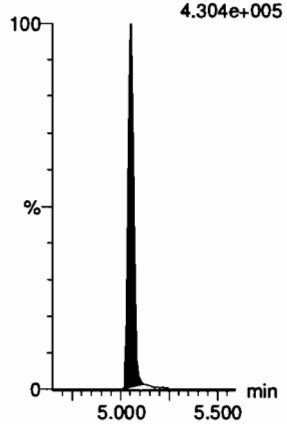


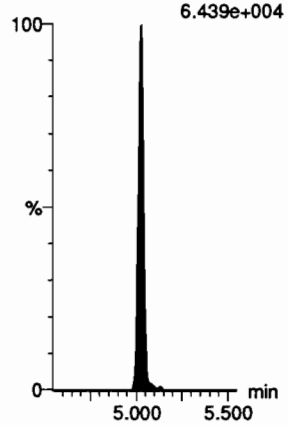
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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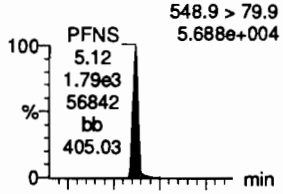
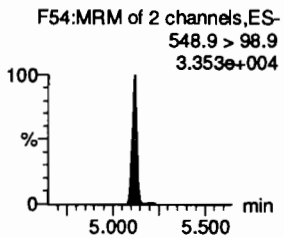
Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_7, Date: 08-Jul-2020, Time: 15:51:35, ID: ST200708M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

PFNS





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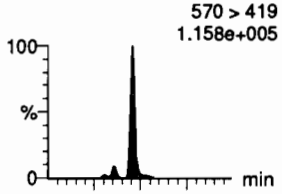
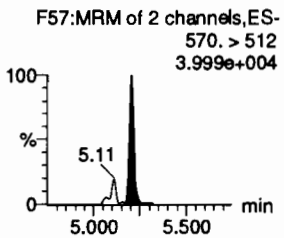
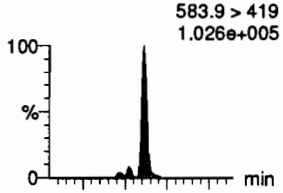
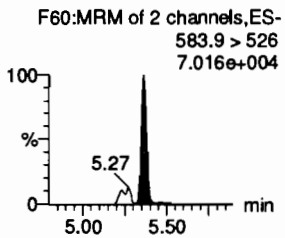


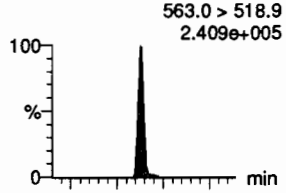


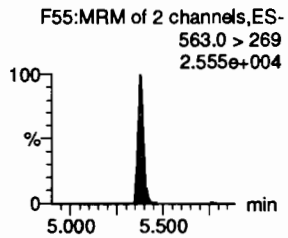
L-EtFOSAA





PFUdA





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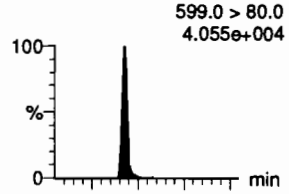
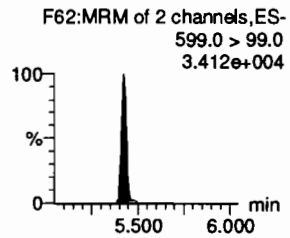
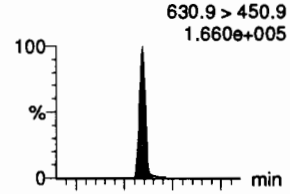
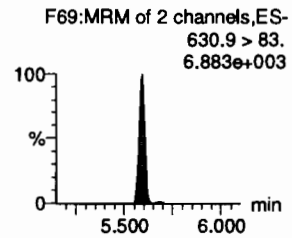


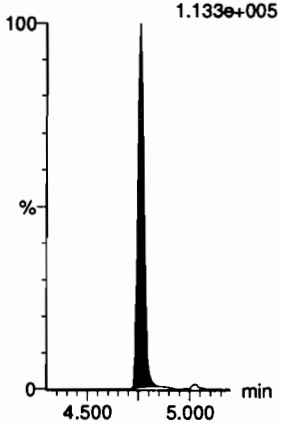


11Cl-PF30UdS

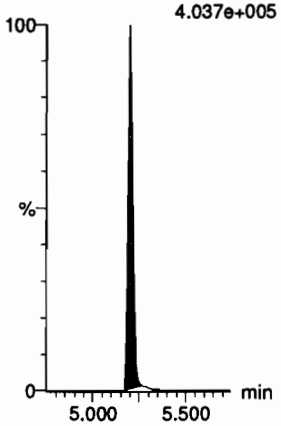




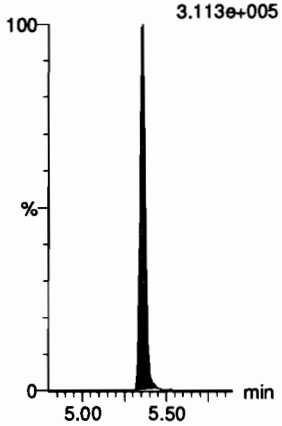
13C8-PFOS-EIS



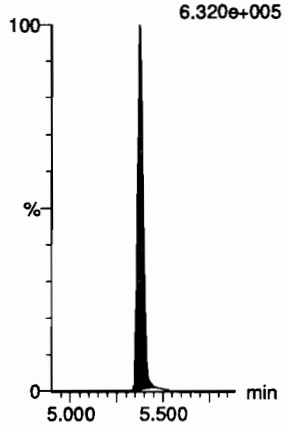
d3-N-MeFOSAA-EIS



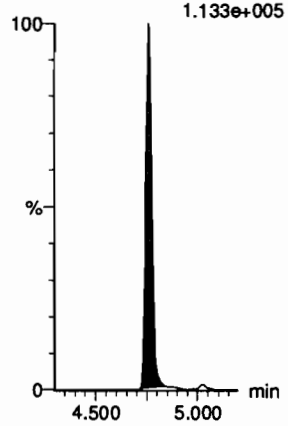
d5-N-EtFOSAA-EIS



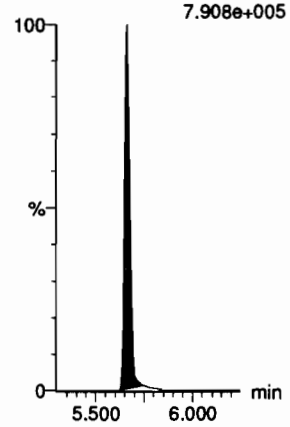
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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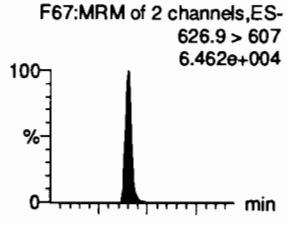
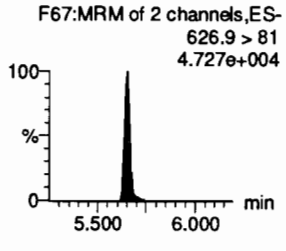
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

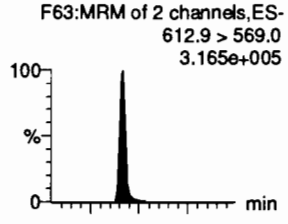
Name: 200708M1_7, Date: 08-Jul-2020, Time: 15:51:35, ID: ST200708M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

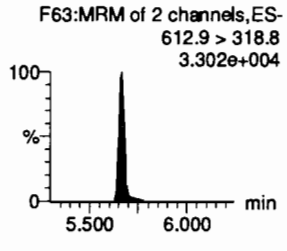
10:2 FTS



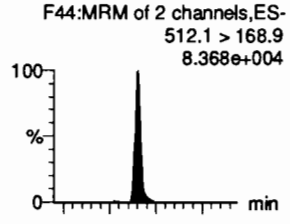


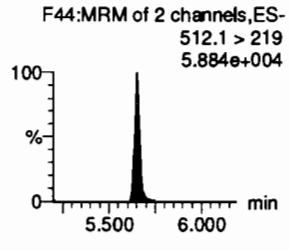
PFDoA



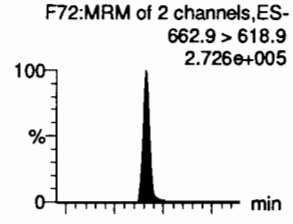


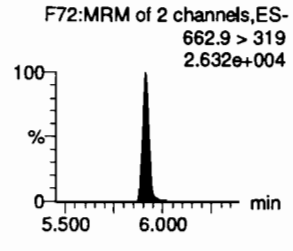
N-MeFOSA



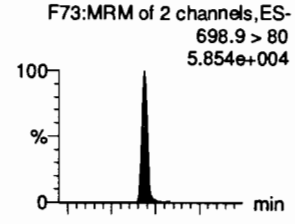


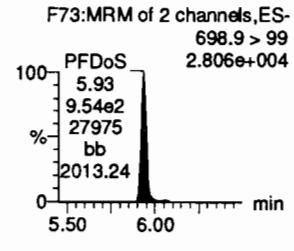
PFTrDA





PFDoS





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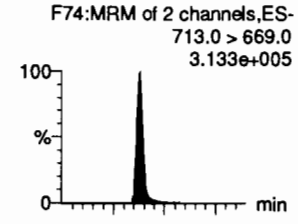
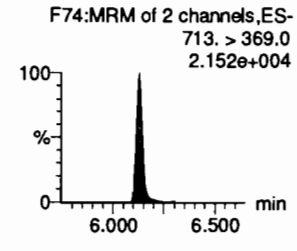
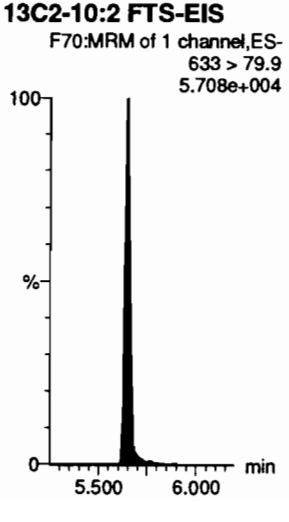
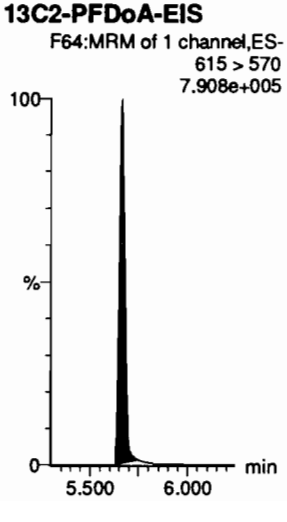




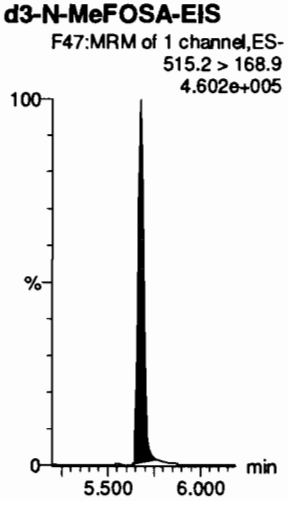
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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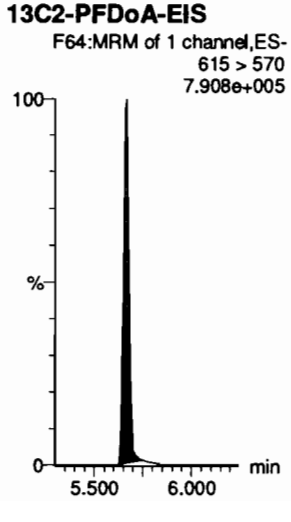
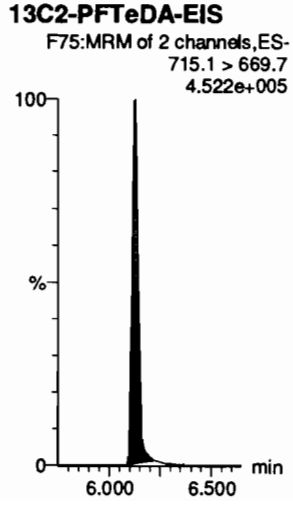
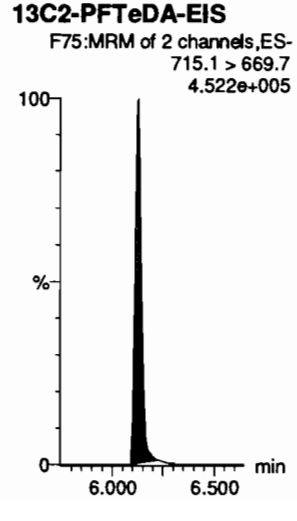


13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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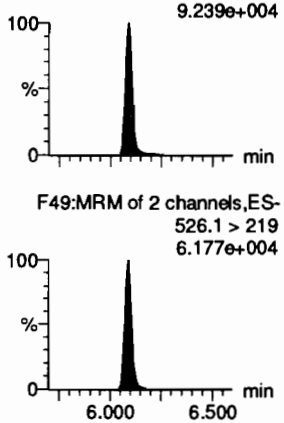
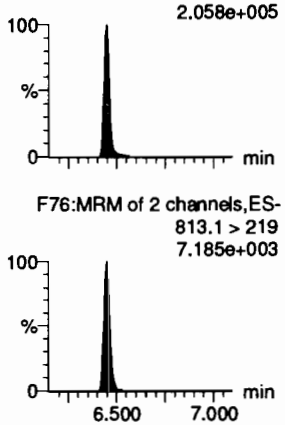
Name: 200708M1_7, Date: 08-Jul-2020, Time: 15:51:35, ID: ST200708M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

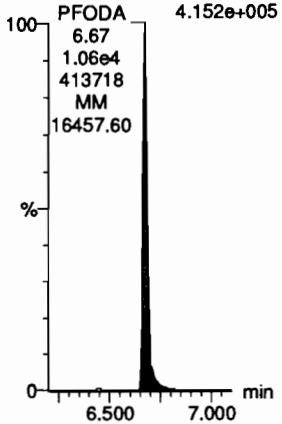
N-EtFOSA



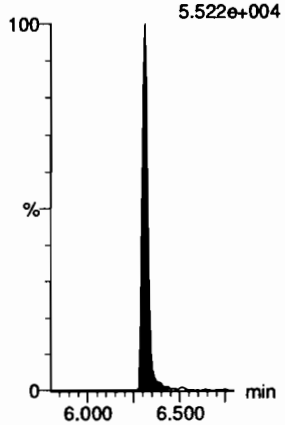
PFHxDA



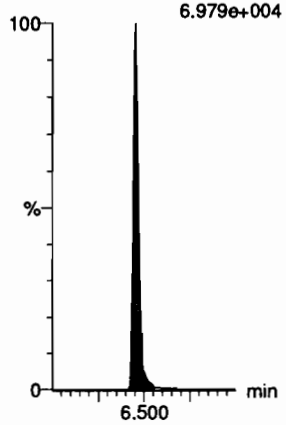
PFODA



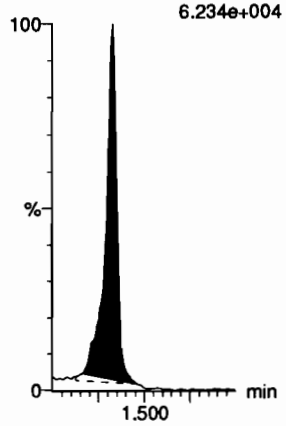
N-MeFOSE



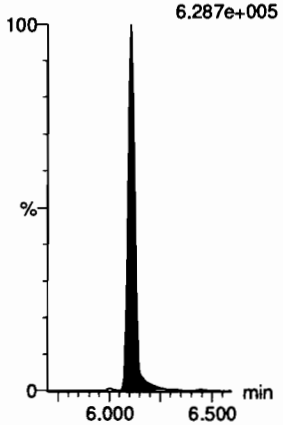
N-EtFOSE



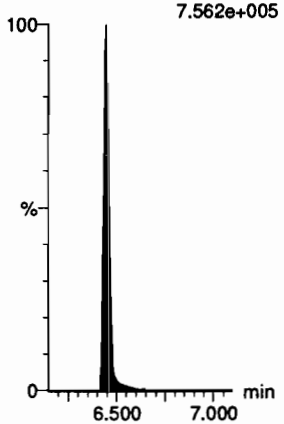
13C3-PFBA-RSD



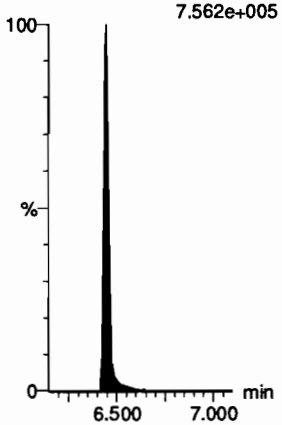
d5-N-ETFOSA-EIS



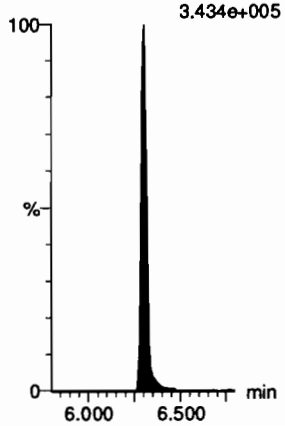
13C2-PFHxDA-EIS



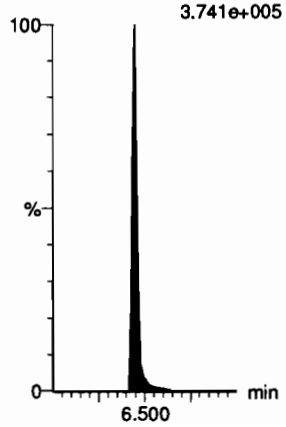
13C2-PFHxDA-EIS



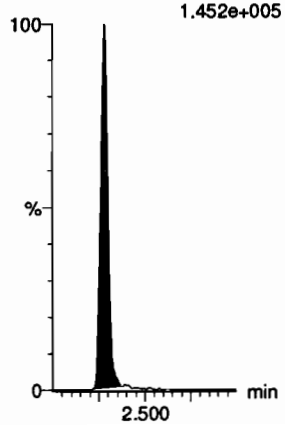
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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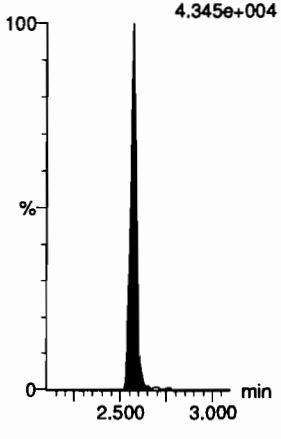
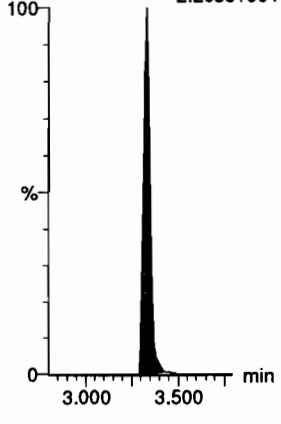
Name: 200708M1_7, Date: 08-Jul-2020, Time: 15:51:35, ID: ST200708M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

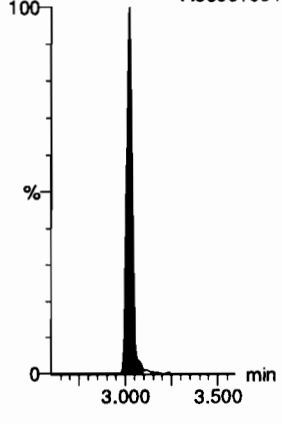
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
4.345e+004



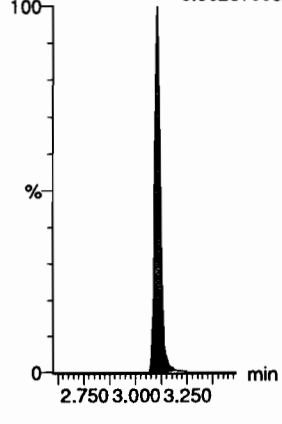
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.205e+004



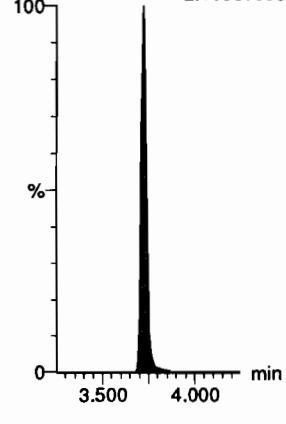
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.395e+004



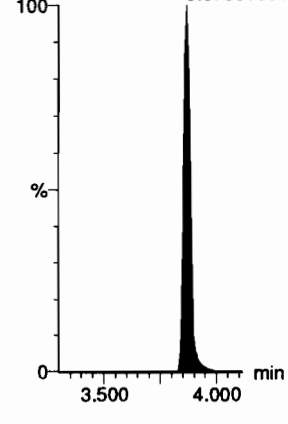
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.902e+005



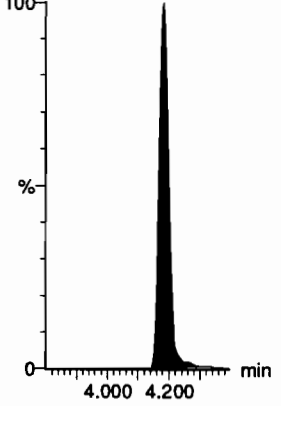
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.119e+005



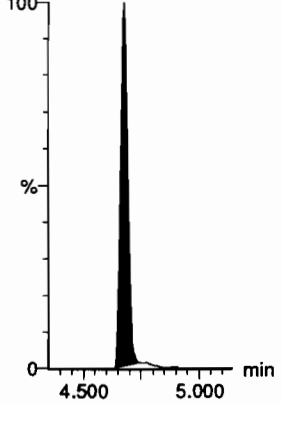
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.879e+004



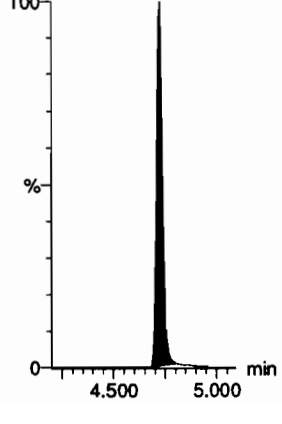
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.996e+004



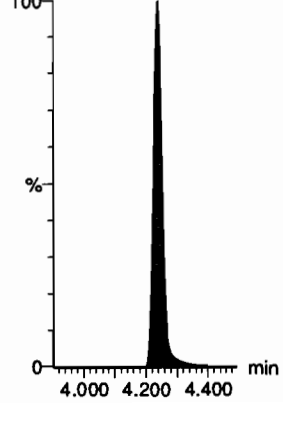
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.924e+005



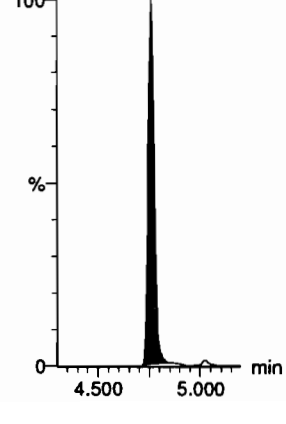
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.554e+005



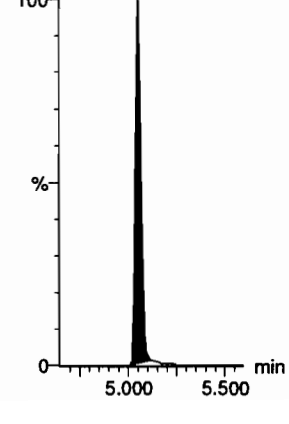
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
5.027e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.133e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.304e+005



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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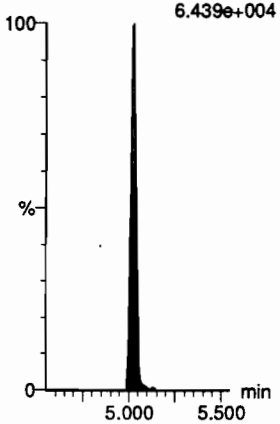
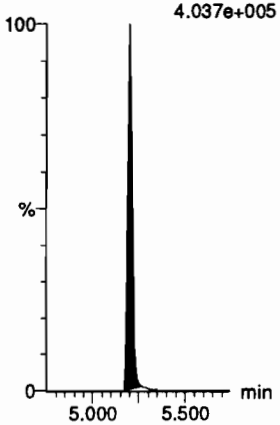
Name: 200708M1_7, Date: 08-Jul-2020, Time: 15:51:35, ID: ST200708M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

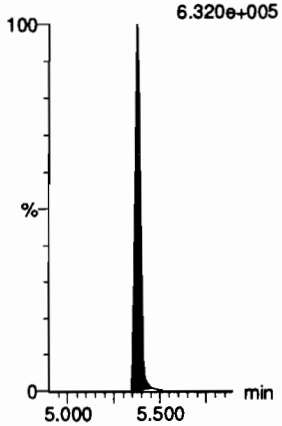
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.439e+004



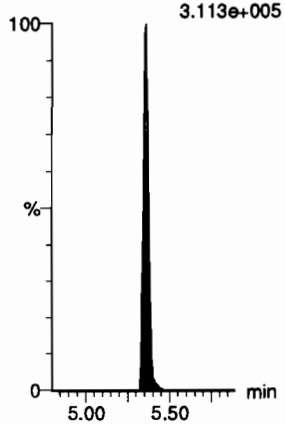
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
4.037e+005



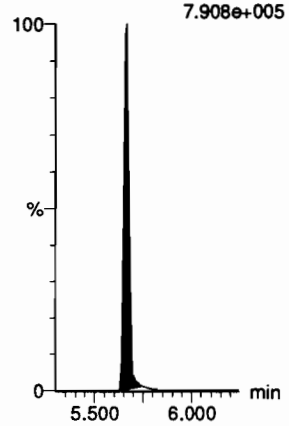
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.320e+005



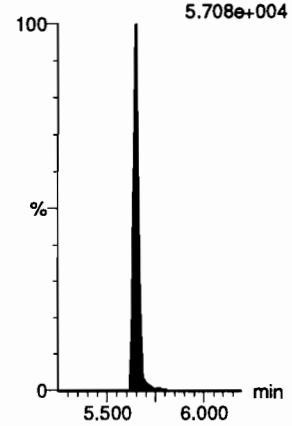
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
3.113e+005



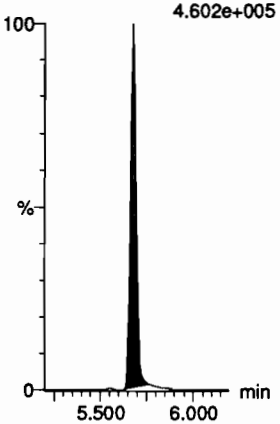
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
7.908e+005



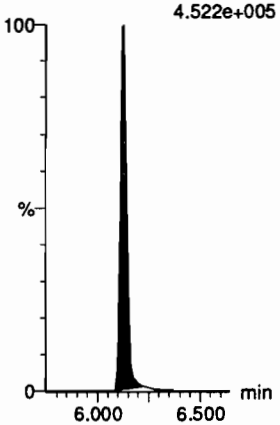
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.708e+004



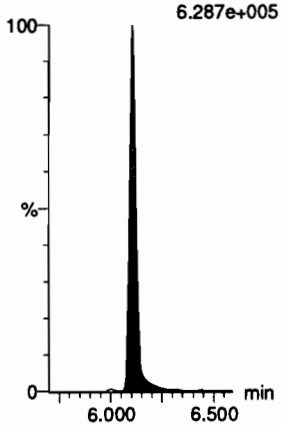
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.602e+005



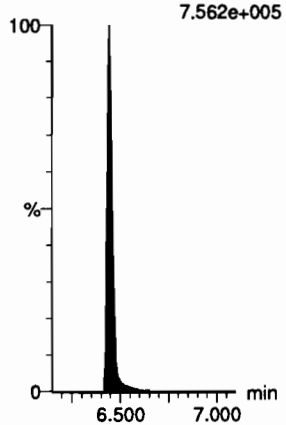
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.522e+005



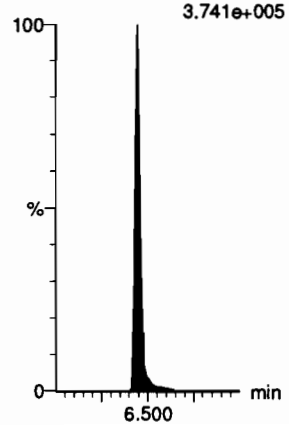
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.287e+005



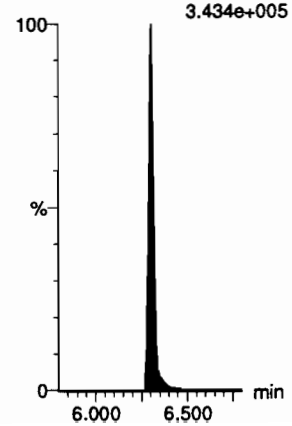
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.562e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.741e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.434e+005



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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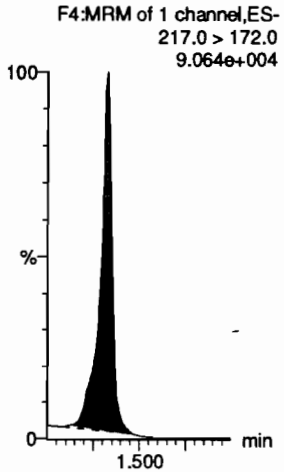
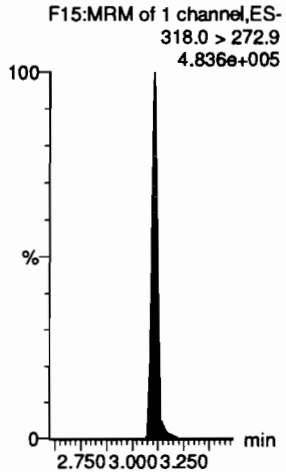
Name: 200708M1_7, Date: 08-Jul-2020, Time: 15:51:35, ID: ST200708M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

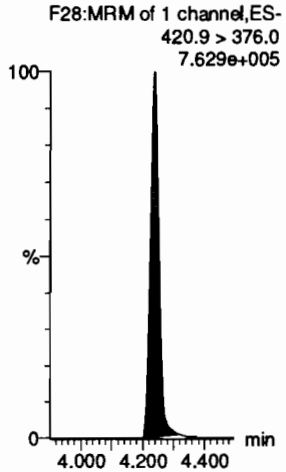
13C4-PFBA



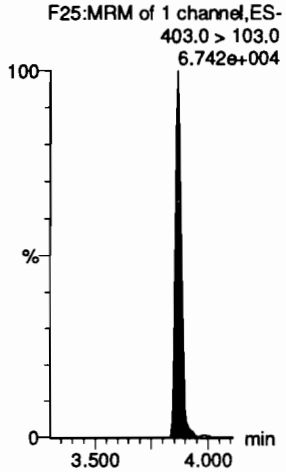
13C5-PFHxA



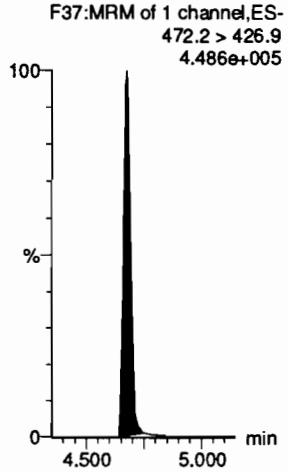
13C8-PFOA



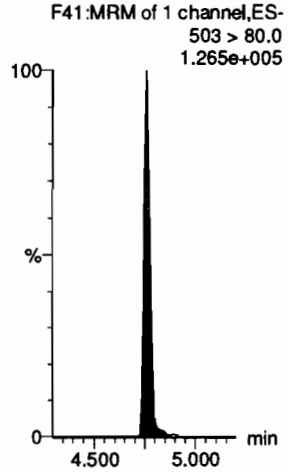
18O2-PFHxS



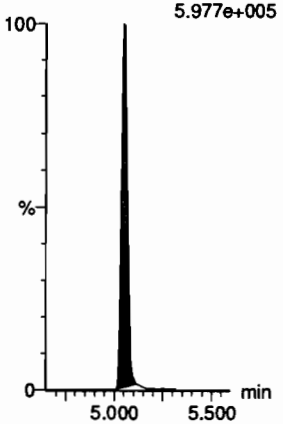
13C9-PFNA



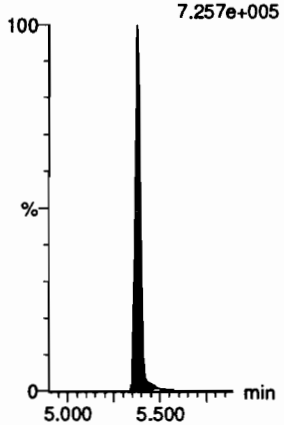
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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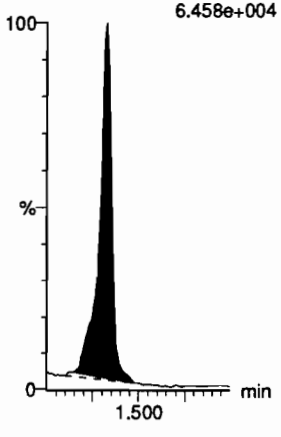
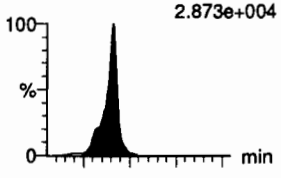
Name: 200708M1_8, Date: 08-Jul-2020, Time: 16:01:57, ID: ST200708M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

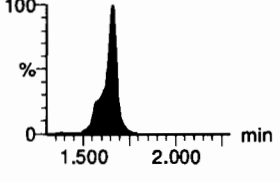
PFBA
F2:MRM of 1 channel,ES-
213.0 > 169.0
6.458e+004



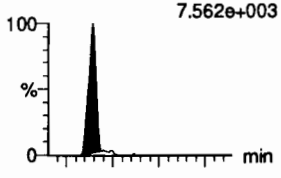
PFPrS
F6:MRM of 2 channels,ES-
248.9 > 79.9
2.873e+004



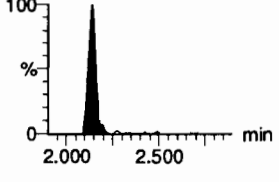
F6:MRM of 2 channels,ES-
248.9 > 98.9
1.133e+004



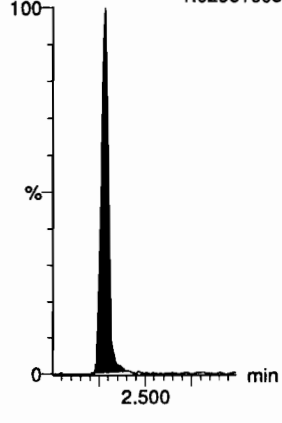
3:3 FTCA
F5:MRM of 2 channels,ES-
241.1 > 177.0
7.562e+003



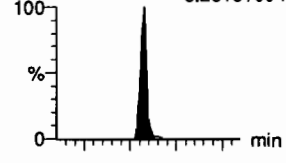
F5:MRM of 2 channels,ES-
241.1 > 117.0
3.746e+003



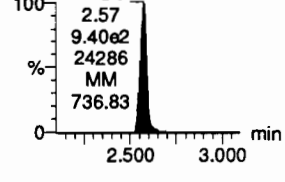
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
1.029e+005



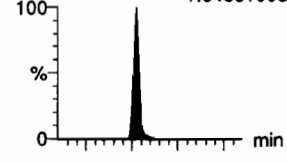
PFBS
F11:MRM of 2 channels,ES-
299.0 > 79.7
6.261e+004



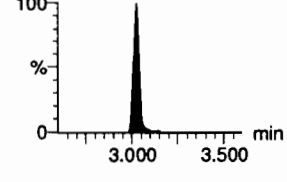
F11:MRM of 2 channels,ES-
299.0 > 99.0
2.432e+004



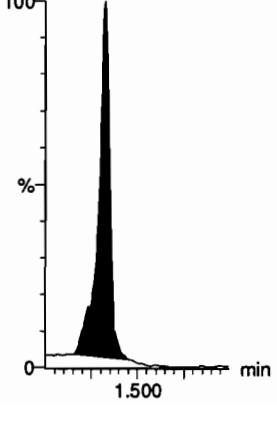
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 306.9
1.643e+005



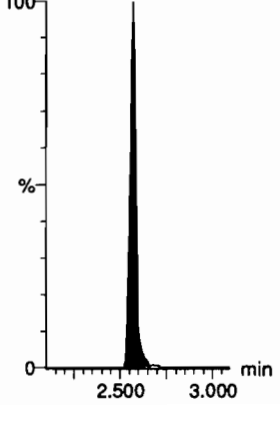
F16:MRM of 2 channels,ES-
327.0 > 80.9
8.231e+004



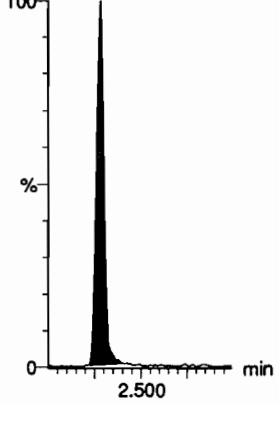
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
6.017e+004



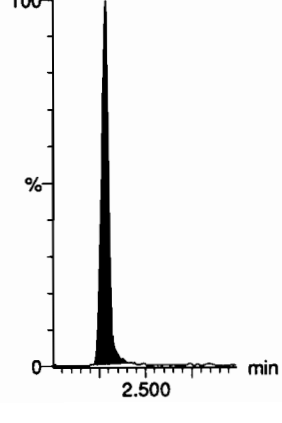
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
4.018e+004



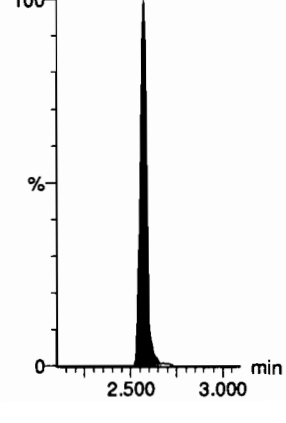
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.341e+005



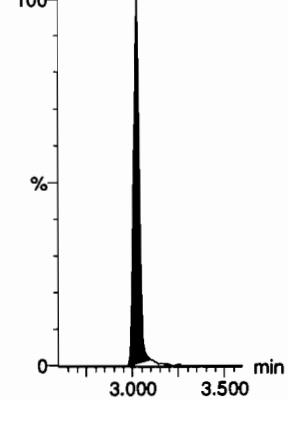
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.341e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
4.018e+004



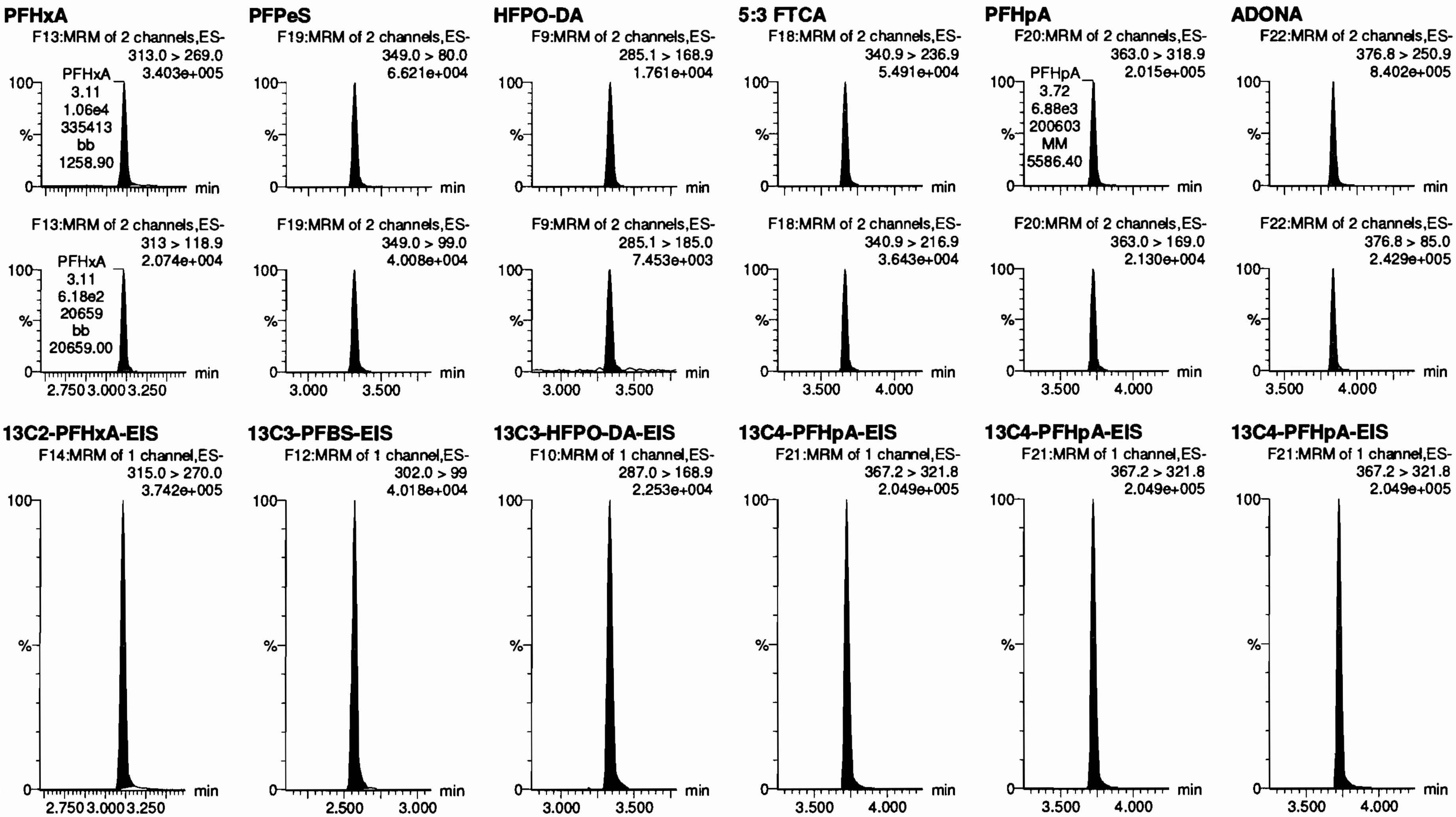
13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.734e+004



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_8, Date: 08-Jul-2020, Time: 16:01:57, ID: ST200708M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906



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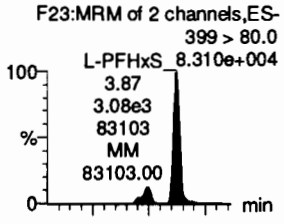
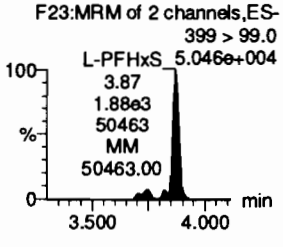
Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

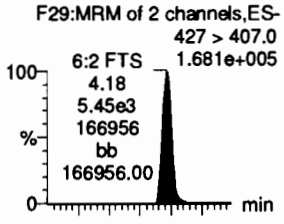
Name: 200708M1_8, Date: 08-Jul-2020, Time: 16:01:57, ID: ST200708M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

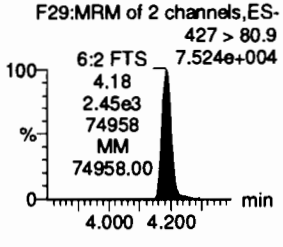
L-PFHxS



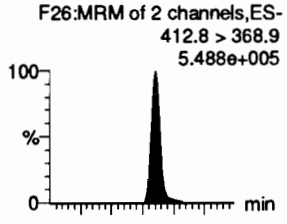


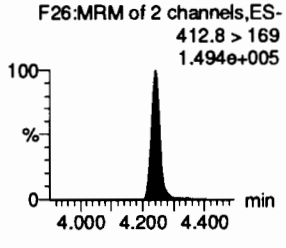
6:2 FTS



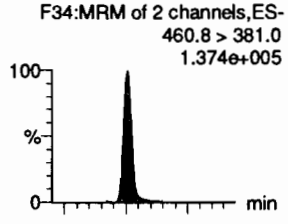


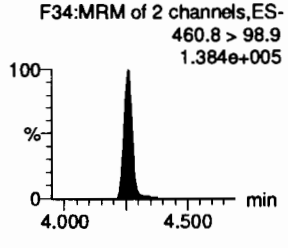
L-PFOA



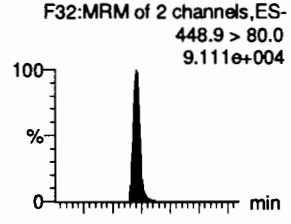


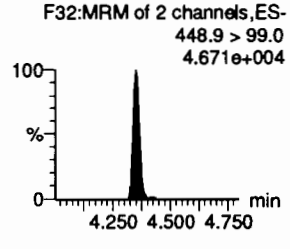
PFEChS



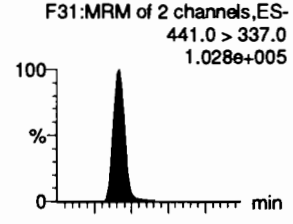


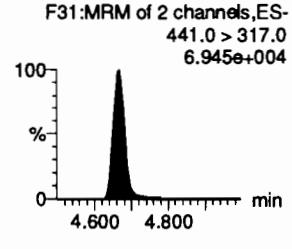
PFHpS



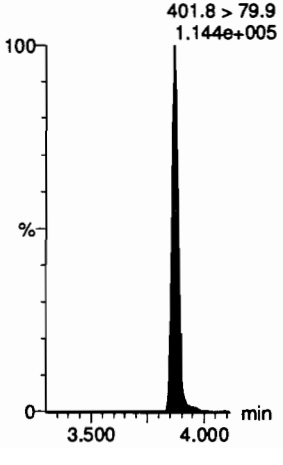


7:3 FTCA

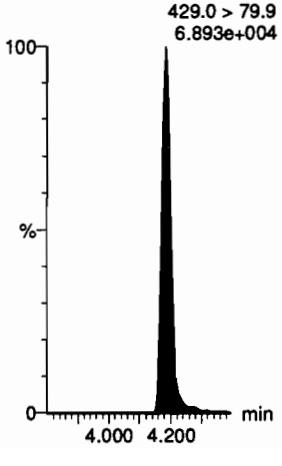




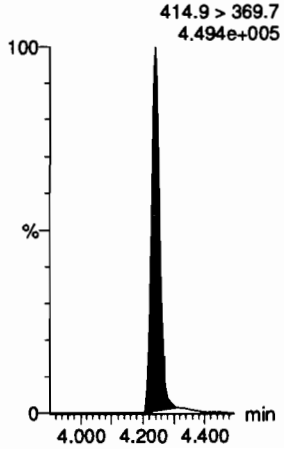
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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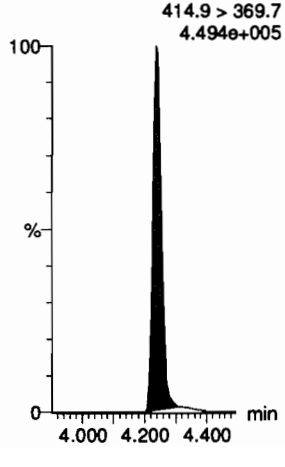
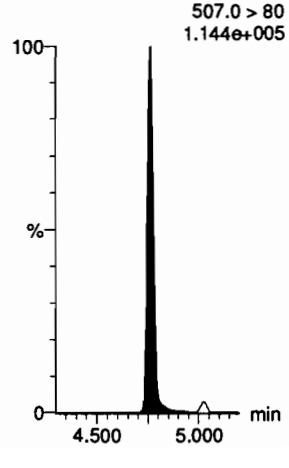
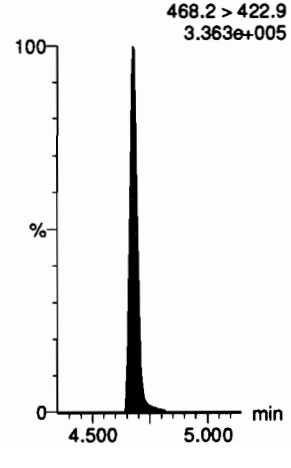


13C8-PFOS-EIS



13C5-PFNA-EIS



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Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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Name: 200708M1_8, Date: 08-Jul-2020, Time: 16:01:57, ID: ST200708M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

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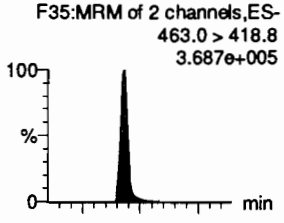

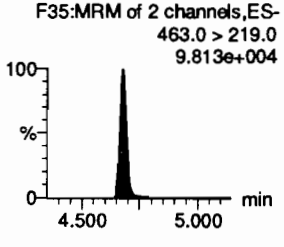

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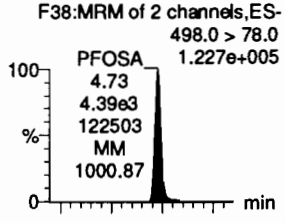
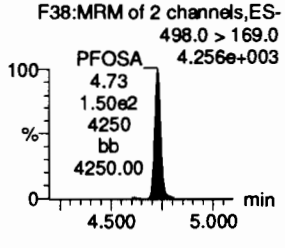
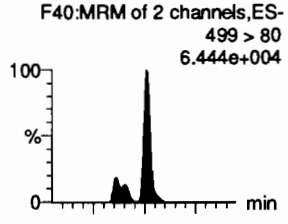
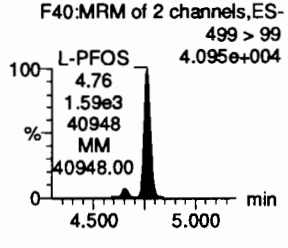


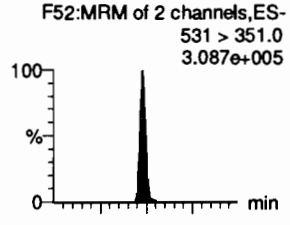


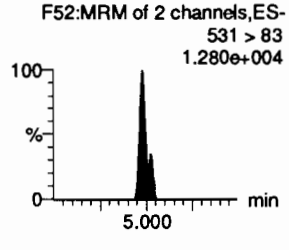
L-PFOS



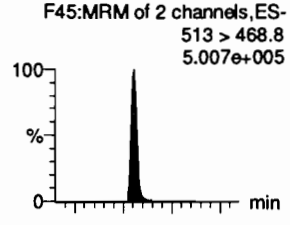


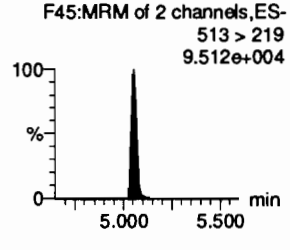
9Cl-PF30NS



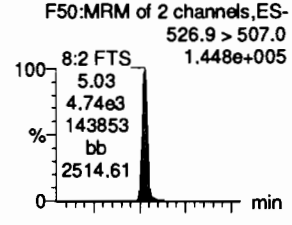


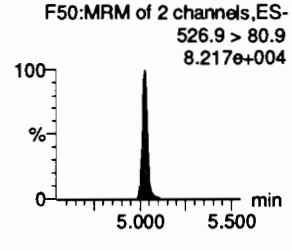
PFDA



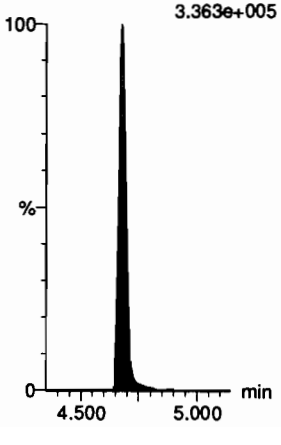


8:2 FTS

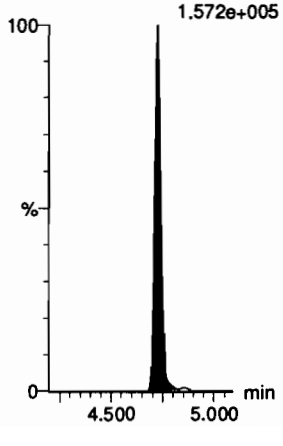




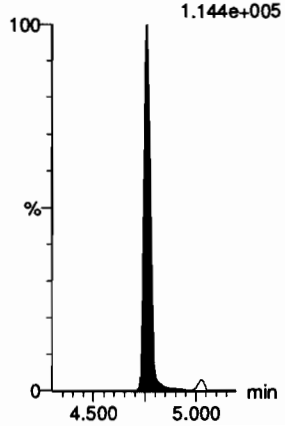
13C5-PFNA-EIS



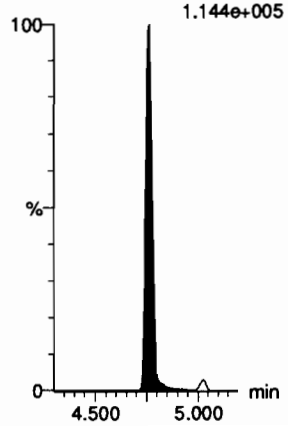
13C8-PFOSA-EIS



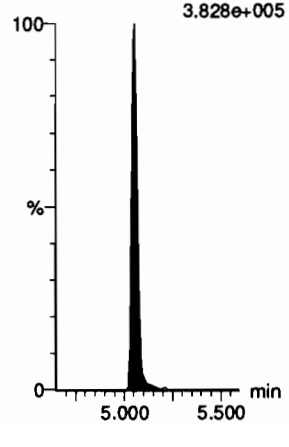
13C8-PFOS-EIS



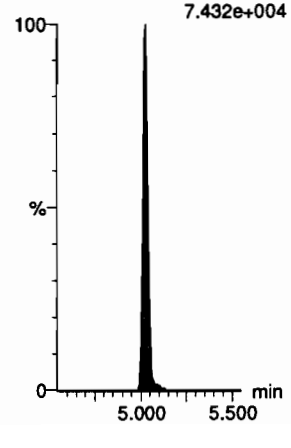
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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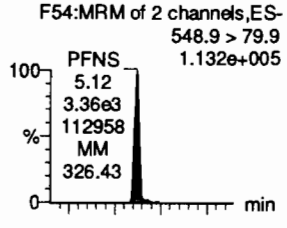
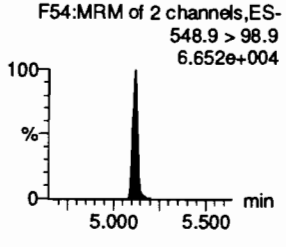
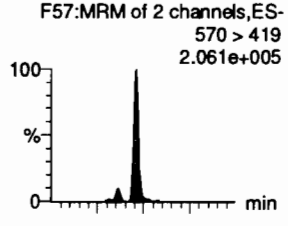
Name: 200708M1_8, Date: 08-Jul-2020, Time: 16:01:57, ID: ST200708M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

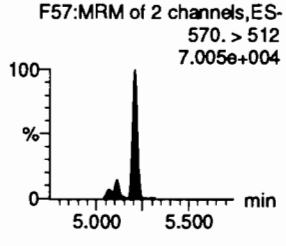
PFNS



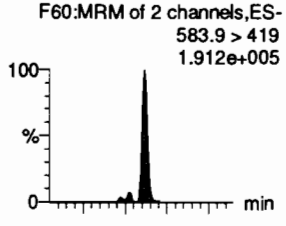


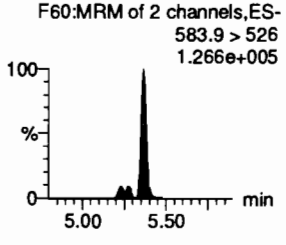
L-MeFOSAA



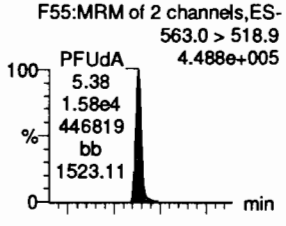


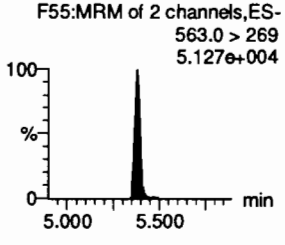
L-EtFOSAA



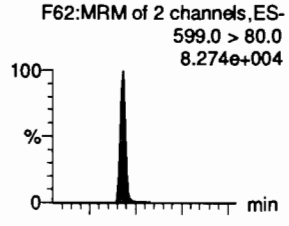


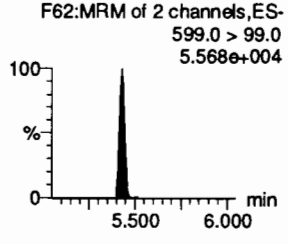
PFUdA



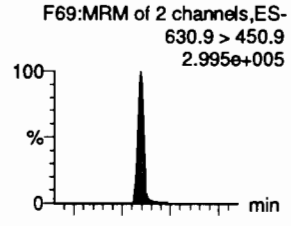


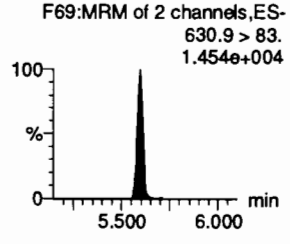
PFDS



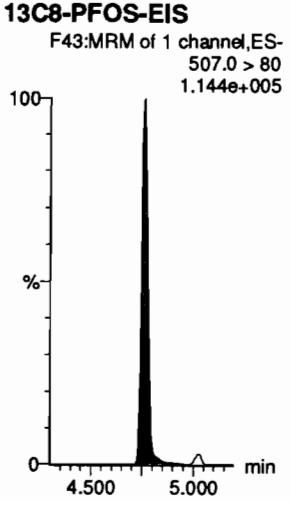


11Cl-PF30UdS

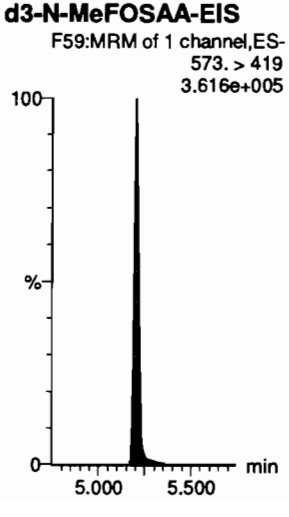




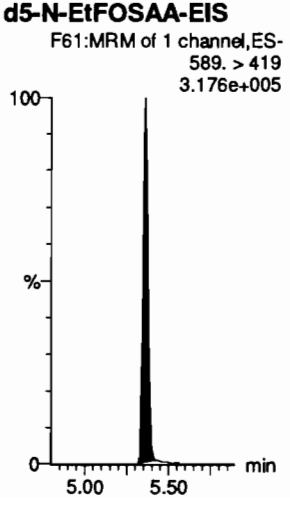
13C8-PFOS-EIS



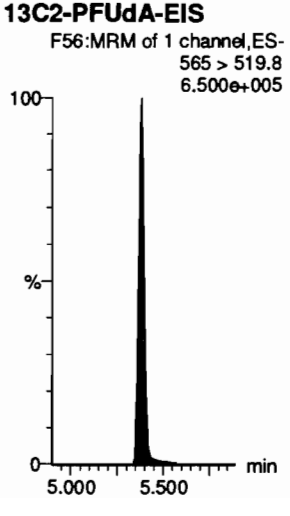
d3-N-MeFOSAA-EIS



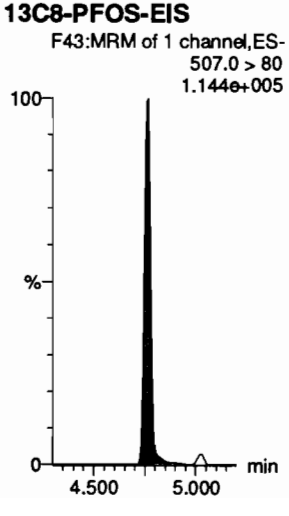
d5-N-EtFOSAA-EIS



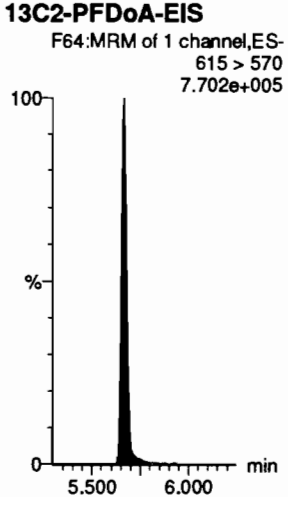
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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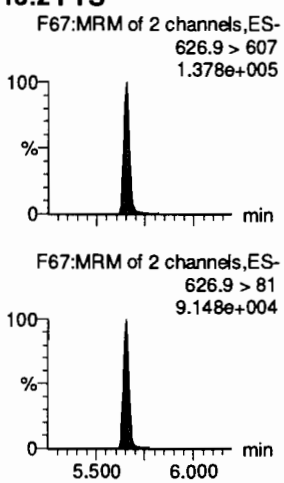
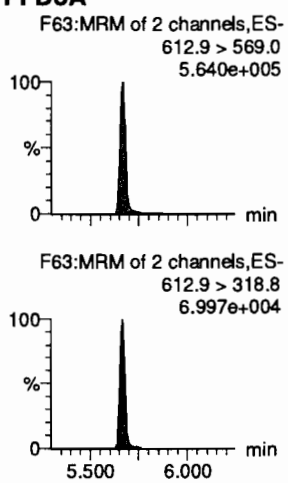
Name: 200708M1_8, Date: 08-Jul-2020, Time: 16:01:57, ID: ST200708M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

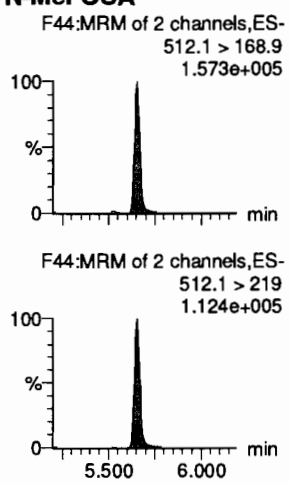
10:2 FTS



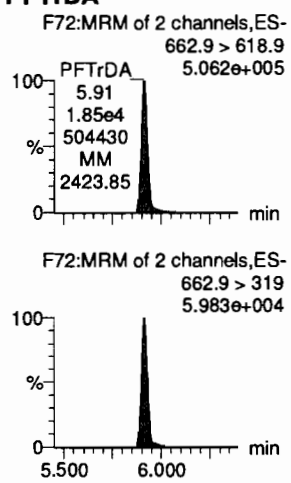
PFDoA



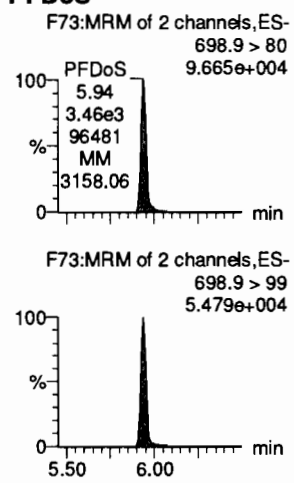
N-MeFOSA



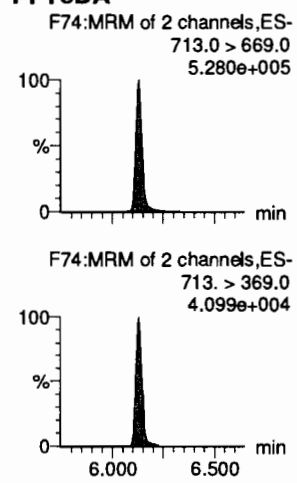
PFTrDA



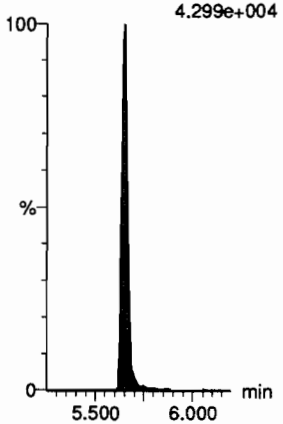
PFDoS



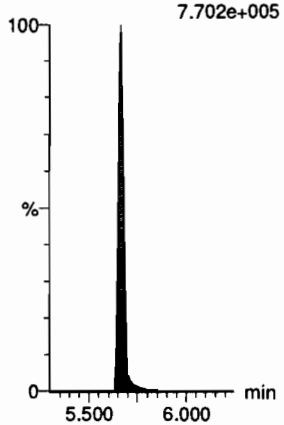
PFTeDA



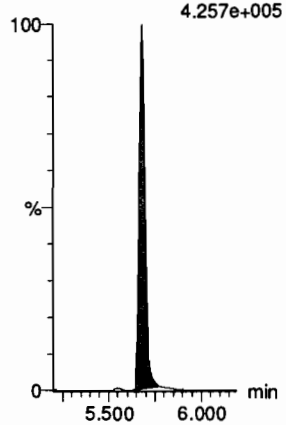
13C2-10:2 FTS-EIS



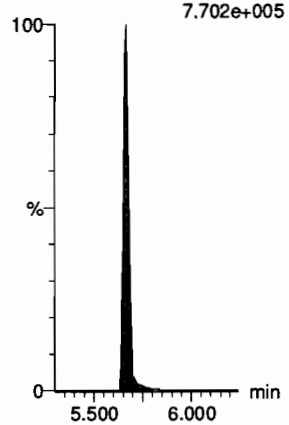
13C2-PFDoA-EIS



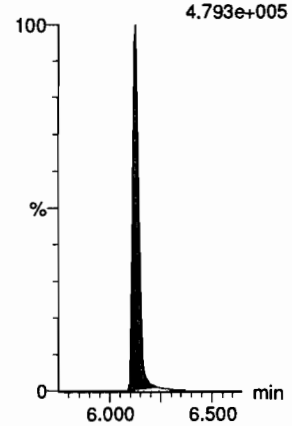
d3-N-MeFOSA-EIS



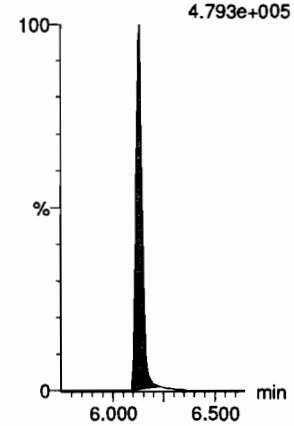
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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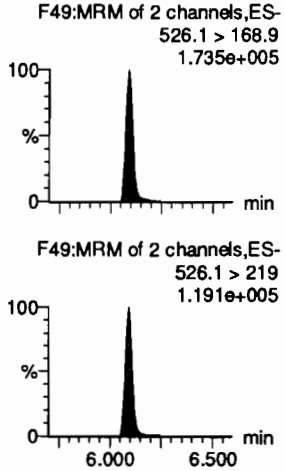
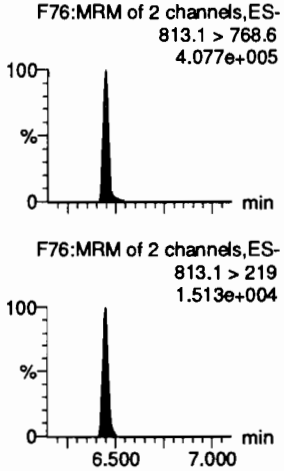
Name: 200708M1_8, Date: 08-Jul-2020, Time: 16:01:57, ID: ST200708M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

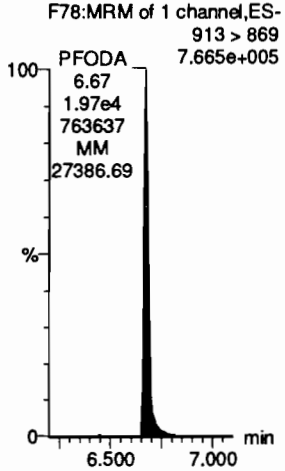
N-EtFOSA



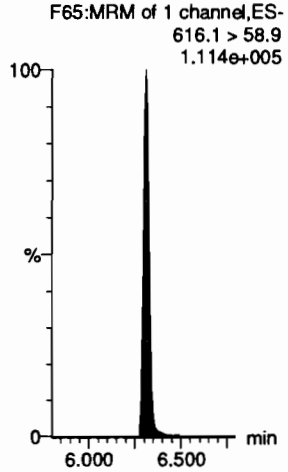
PFHxDA



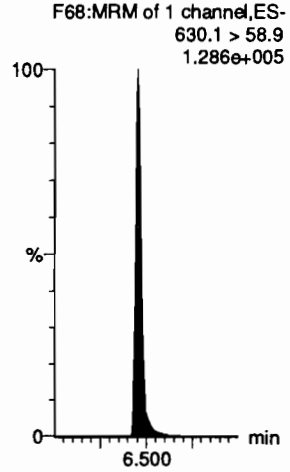
PFODA



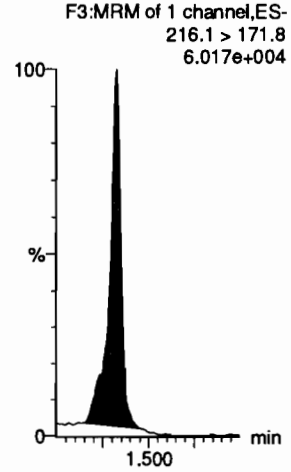
N-MeFOSE



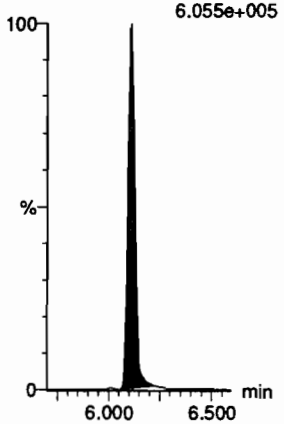
N-EtFOSE



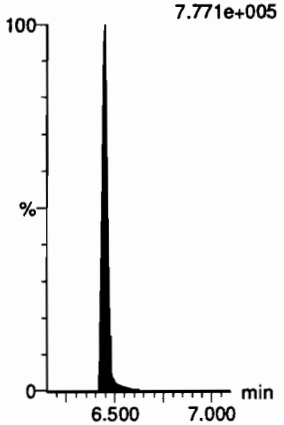
13C3-PFBA-RSD



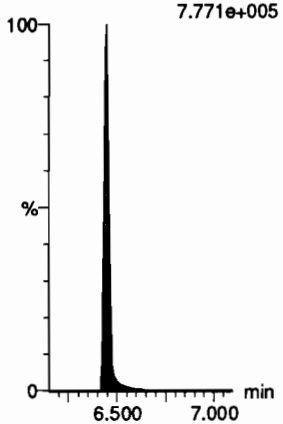
d5-N-ETFOSA-EIS



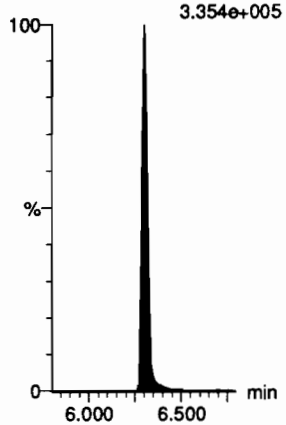
13C2-PFHxDA-EIS



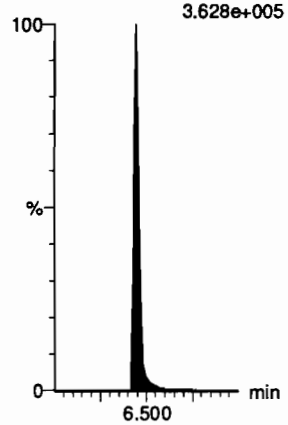
13C2-PFHxDA-EIS



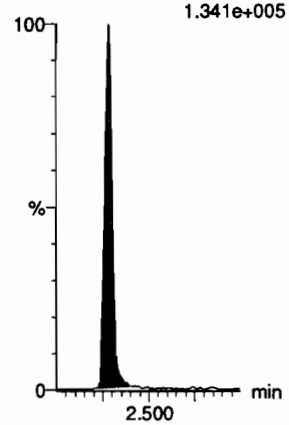
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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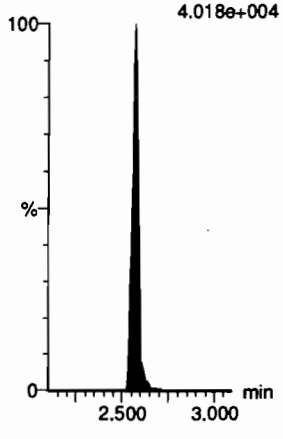
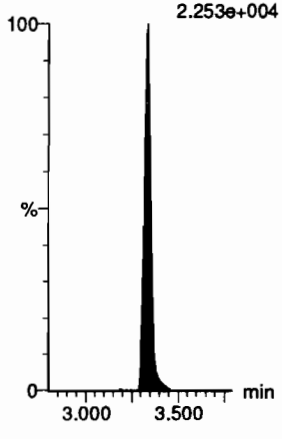
Name: 200708M1_8, Date: 08-Jul-2020, Time: 16:01:57, ID: ST200708M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

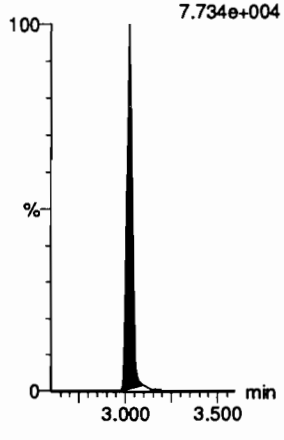
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
4.018e+004



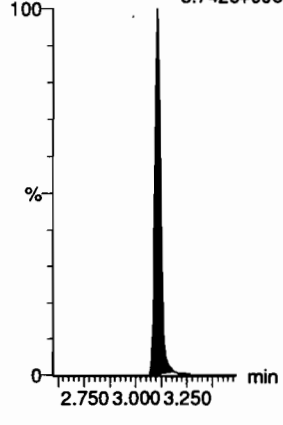
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.253e+004



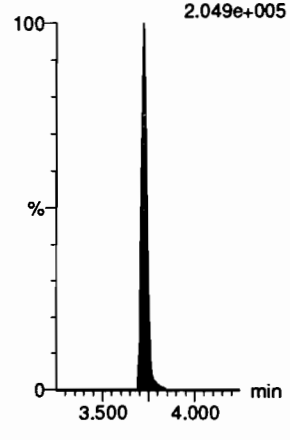
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.734e+004



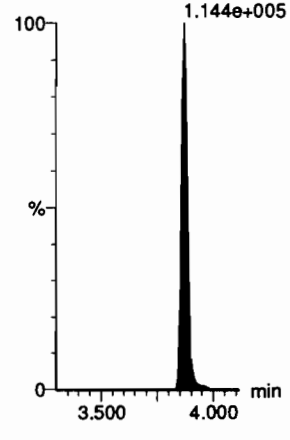
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.742e+005



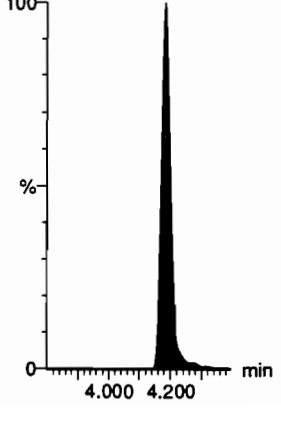
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.049e+005



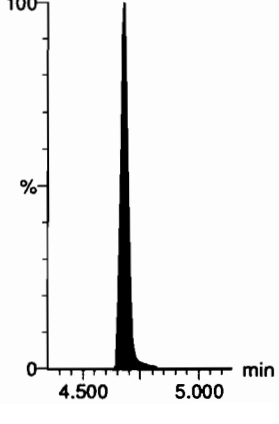
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.144e+005



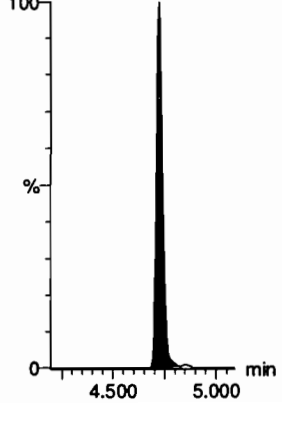
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.893e+004



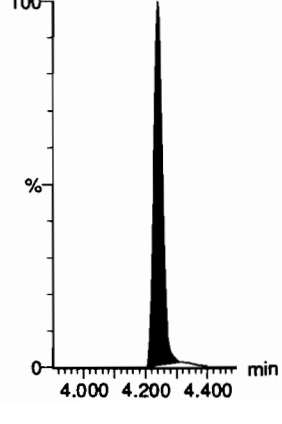
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.363e+005



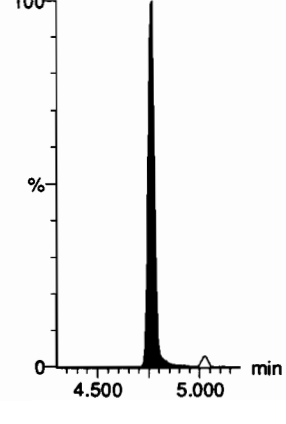
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.572e+005



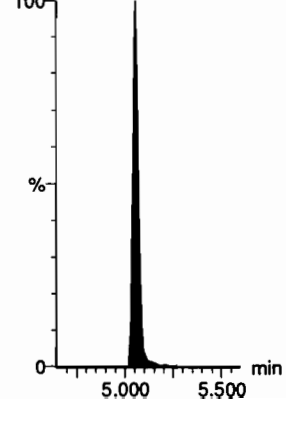
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.494e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.144e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.828e+005



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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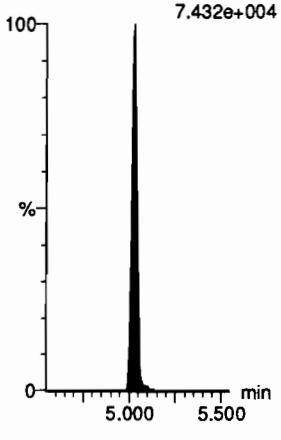
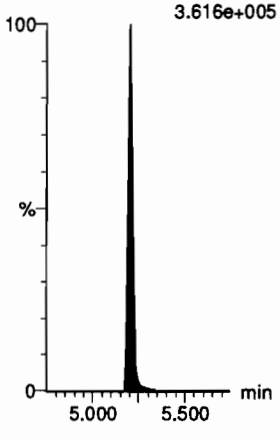
Name: 200708M1_8, Date: 08-Jul-2020, Time: 16:01:57, ID: ST200708M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

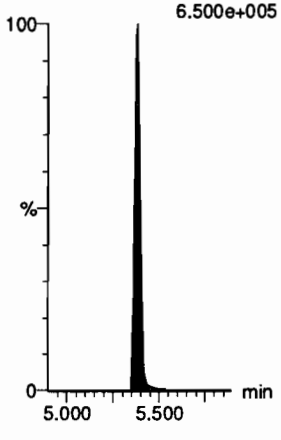
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
7.432e+004



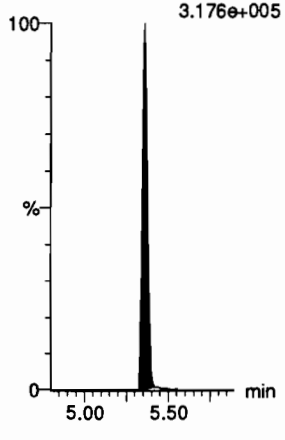
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.616e+005



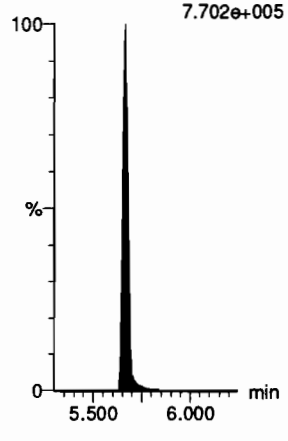
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.500e+005



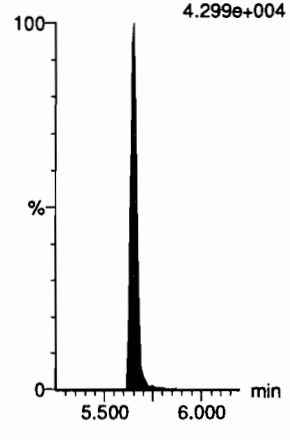
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
3.176e+005



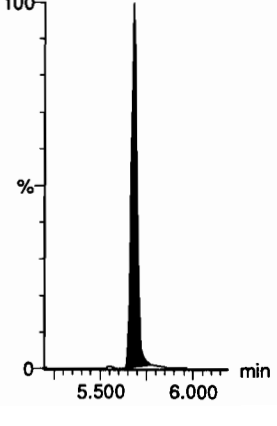
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
7.702e+005



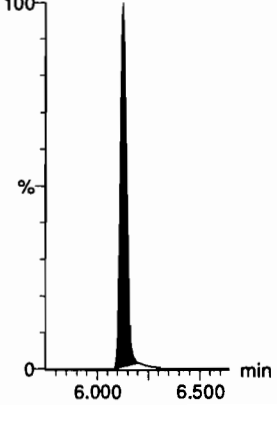
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.299e+004



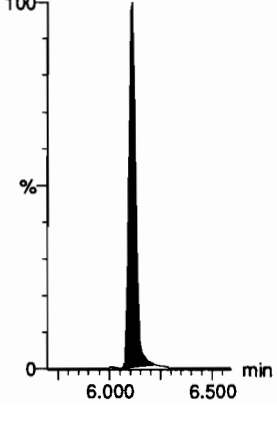
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.257e+005



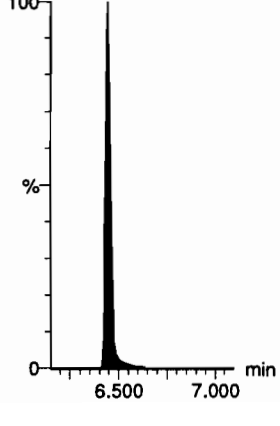
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.793e+005



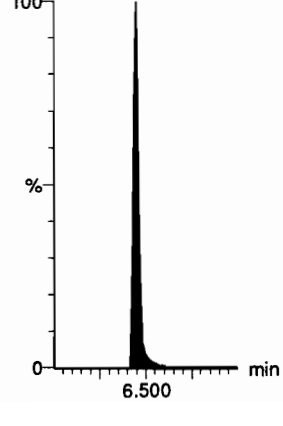
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.055e+005



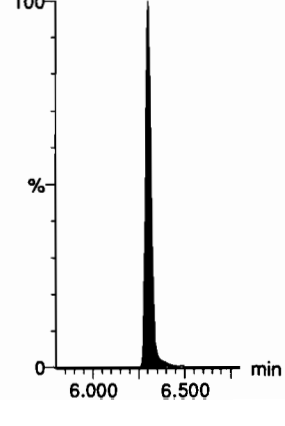
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.771e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.628e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.354e+005



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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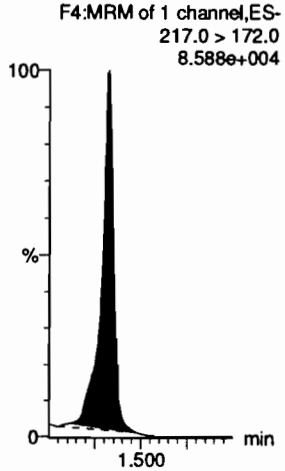
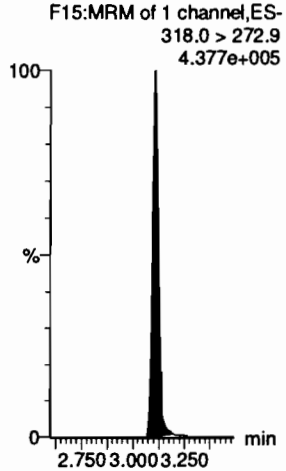
Name: 200708M1_8, Date: 08-Jul-2020, Time: 16:01:57, ID: ST200708M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

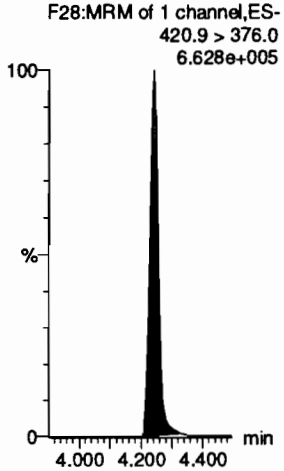
13C4-PFBA



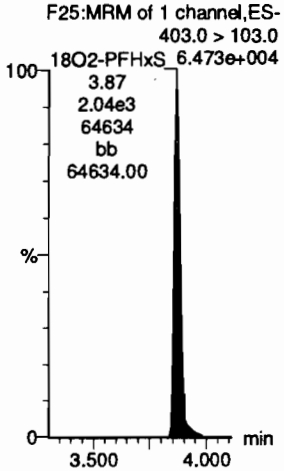
13C5-PFHxA



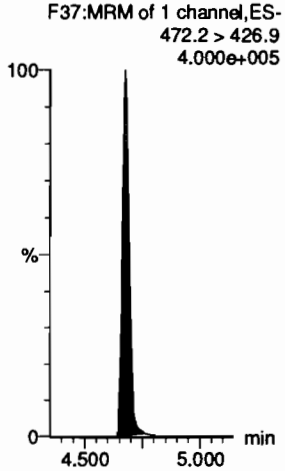
13C8-PFOA



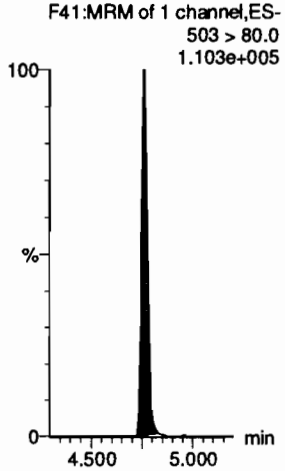
18O2-PFHxS



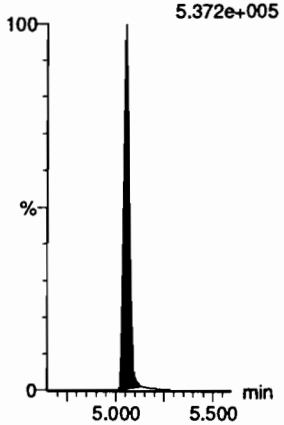
13C9-PFNA



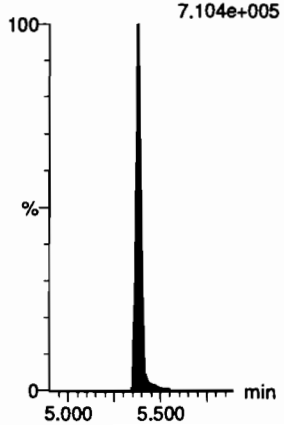
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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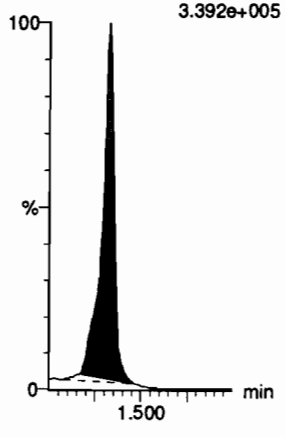
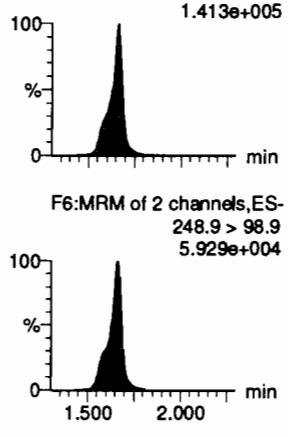
Name: 200708M1_9, Date: 08-Jul-2020, Time: 16:12:19, ID: ST200708M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

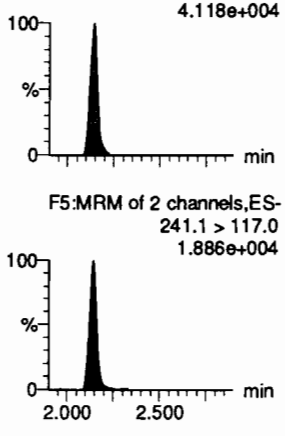
PFBA



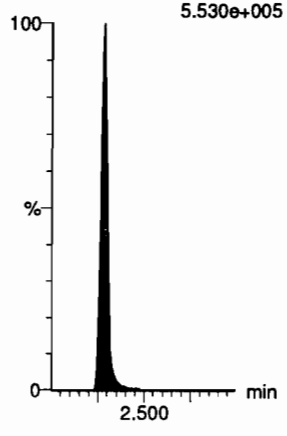
PFPrS



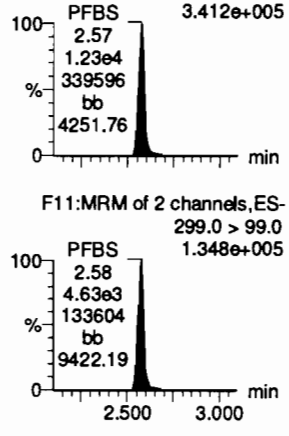
3:3 FTCA



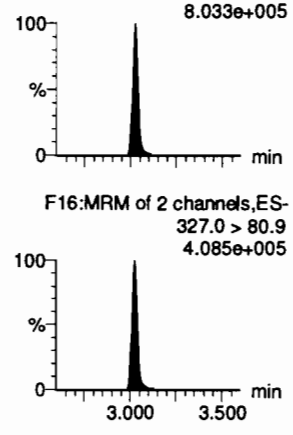
PFPeA



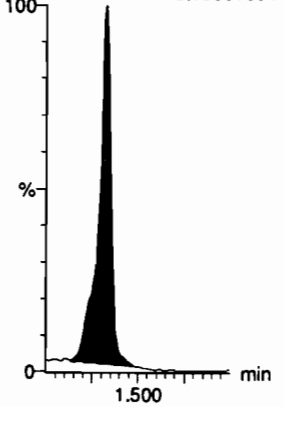
PFBS



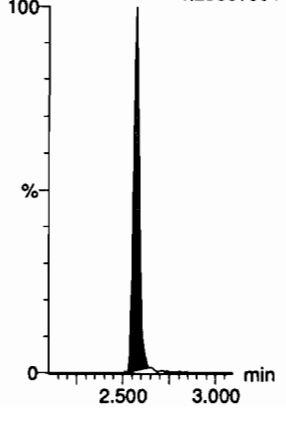
4:2 FTS



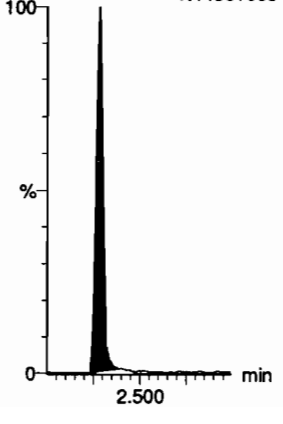
13C3-PFBA-EIS



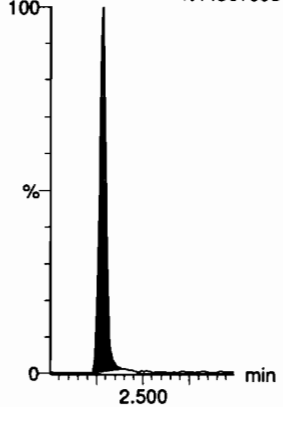
13C3-PFBS-EIS



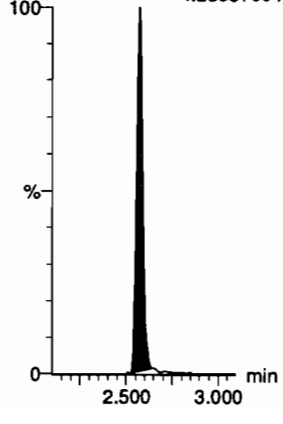
13C3-PFPeA-EIS



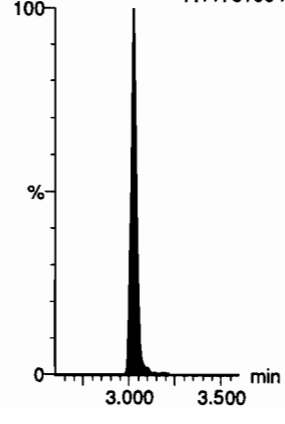
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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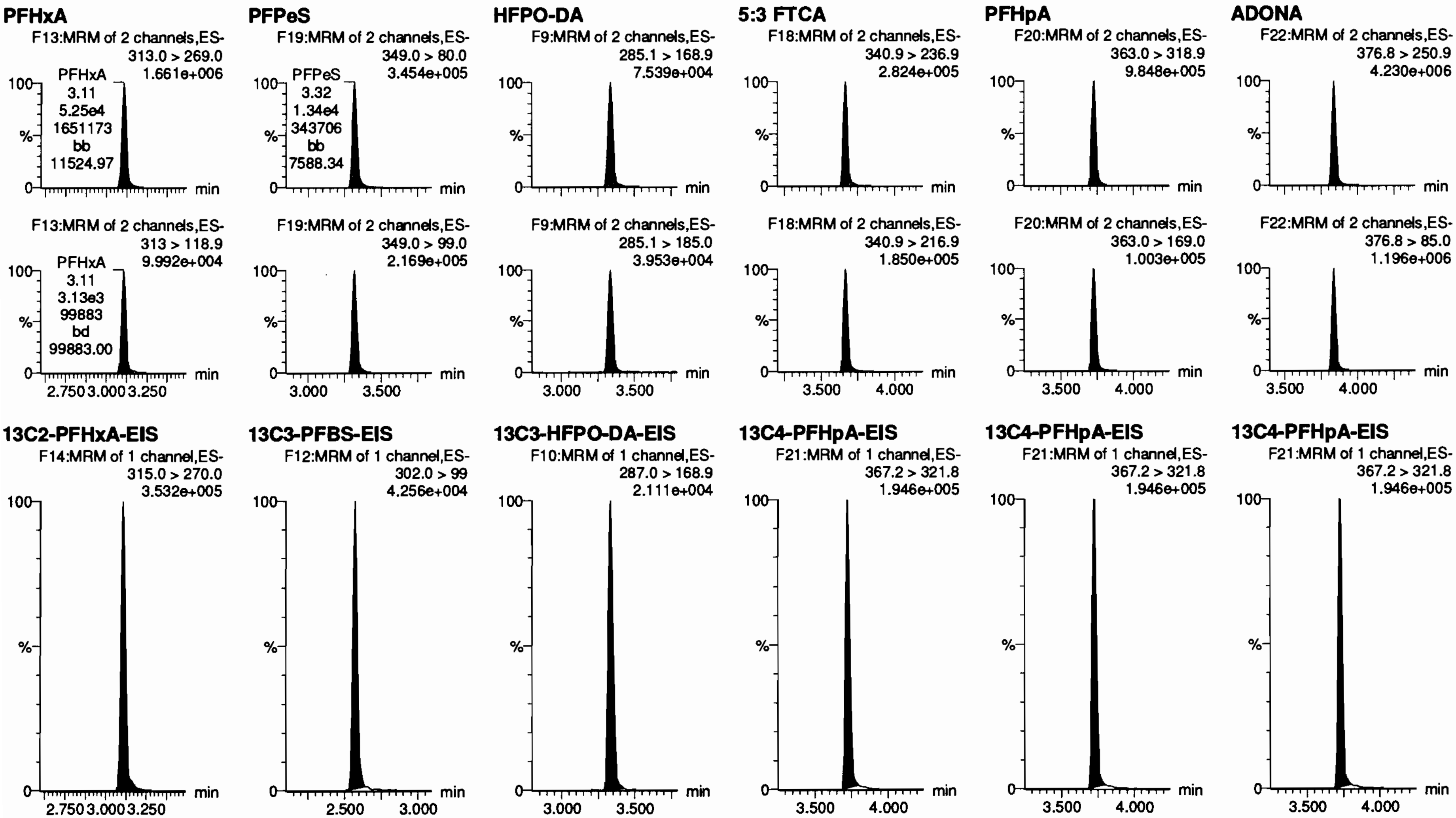
Name: 200708M1_9, Date: 08-Jul-2020, Time: 16:12:19, ID: ST200708M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907



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Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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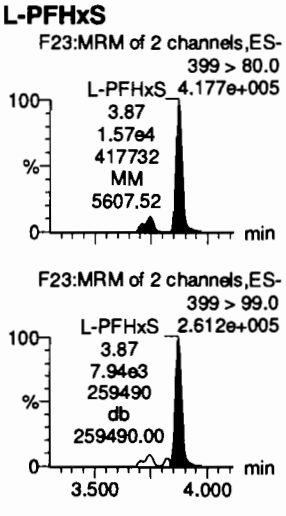
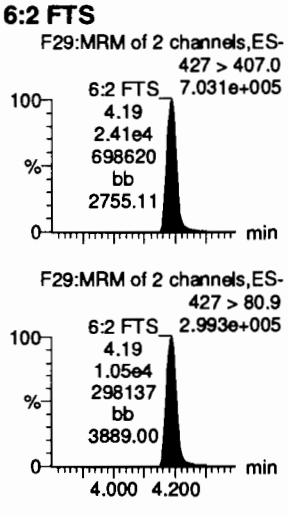
Name: 200708M1_9, Date: 08-Jul-2020, Time: 16:12:19, ID: ST200708M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

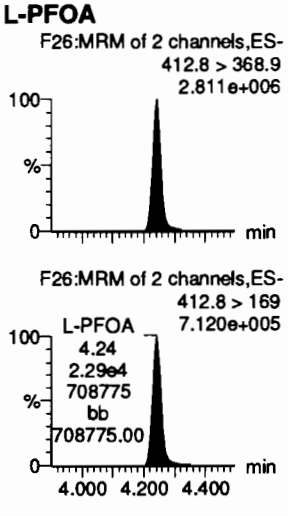
L-PFHxS



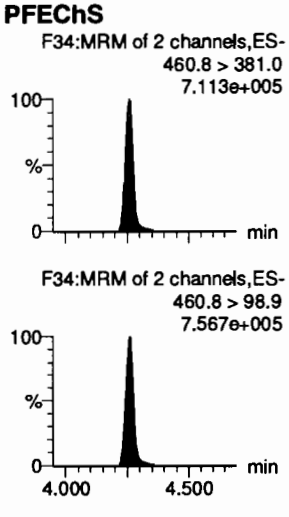
6:2 FTS



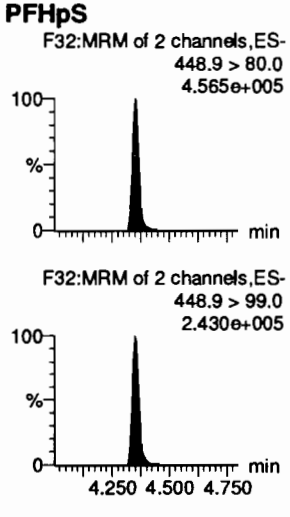
L-PFOA



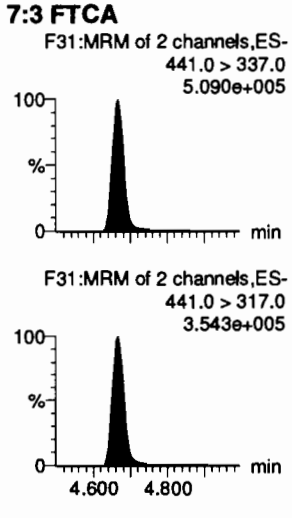
PFEChS



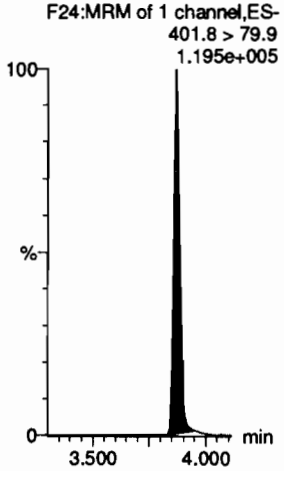
PFHpS



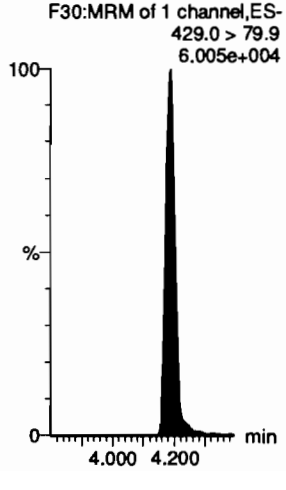
7:3 FTCA



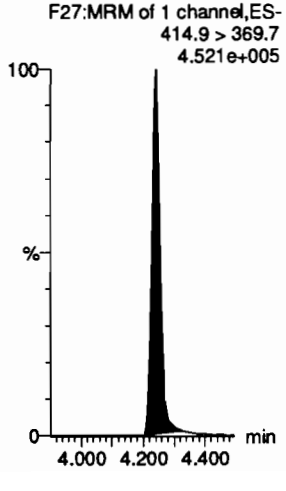
13C3-PFHxS-EIS



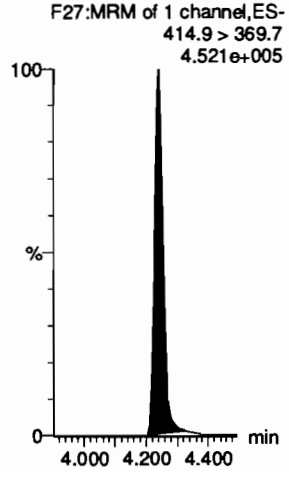
13C2-6:2 FTS-EIS



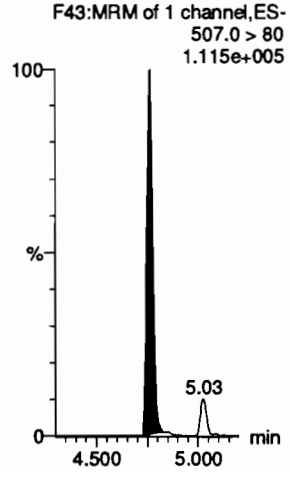
13C2-PFOA-EIS



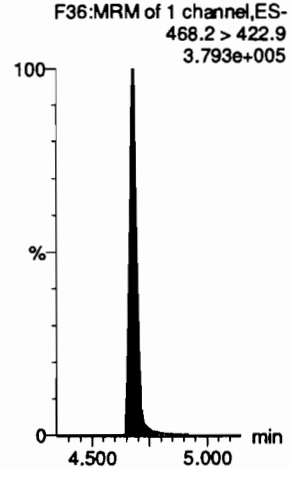
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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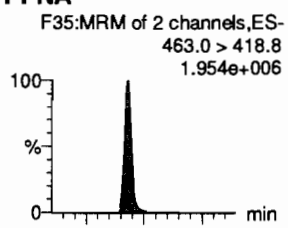
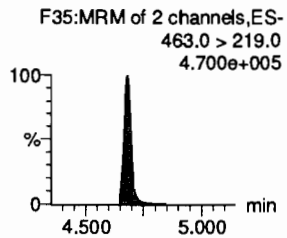
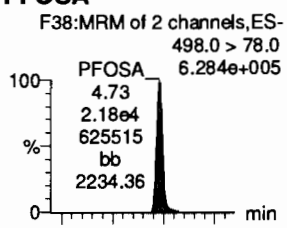
Name: 200708M1_9, Date: 08-Jul-2020, Time: 16:12:19, ID: ST200708M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

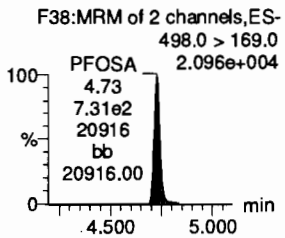
PFNA



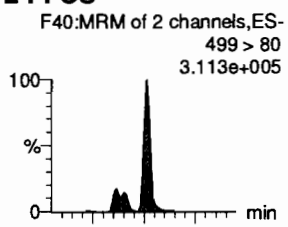


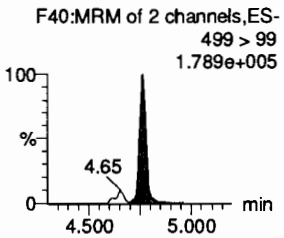
PFOSA



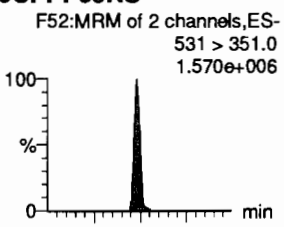


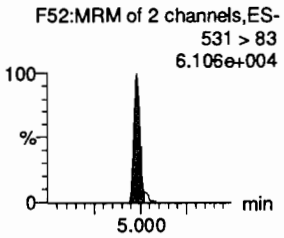
L-PFOS



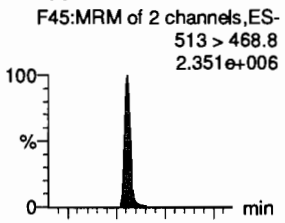


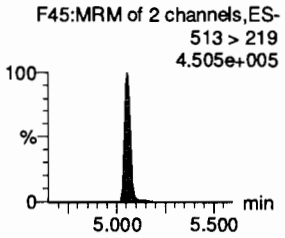
9Cl-PF30NS



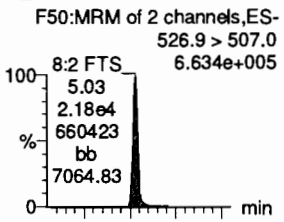


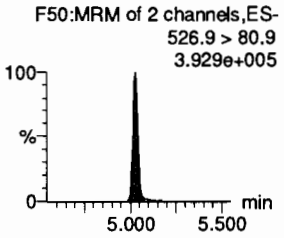
PFDA



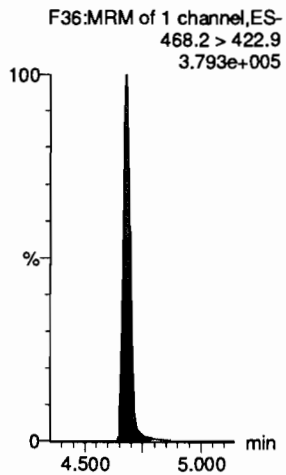


8:2 FTS

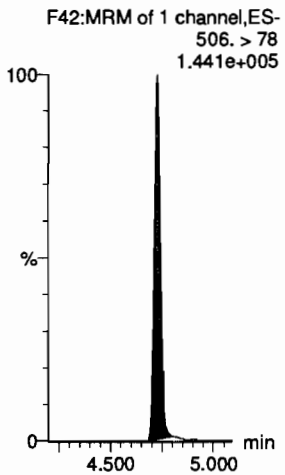




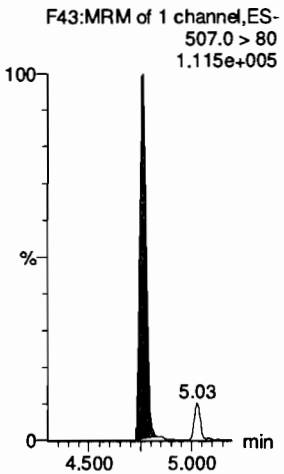
13C5-PFNA-EIS



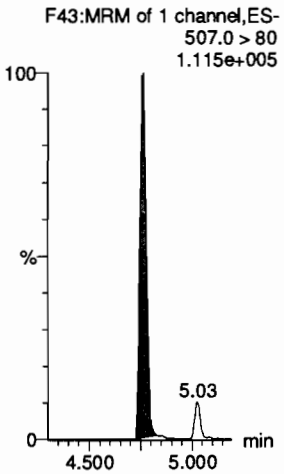
13C8-PFOSA-EIS



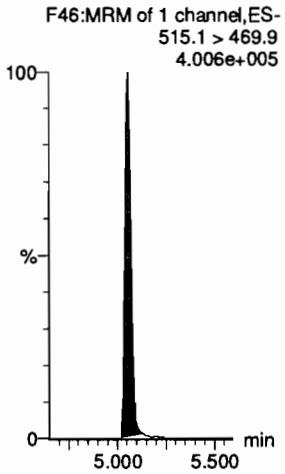
13C8-PFOS-EIS



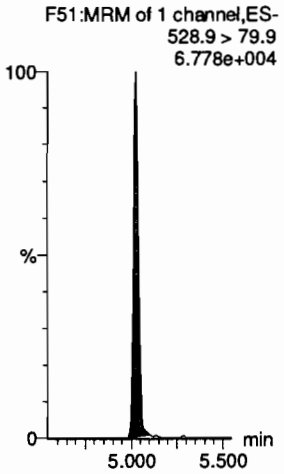
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS

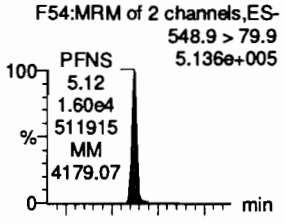


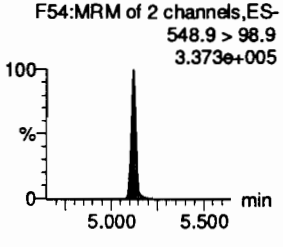
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

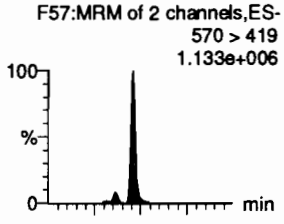
Name: 200708M1_9, Date: 08-Jul-2020, Time: 16:12:19, ID: ST200708M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

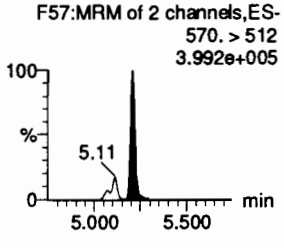
PFNS



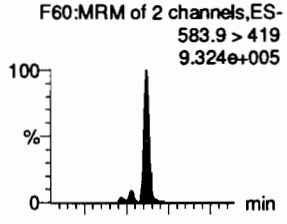


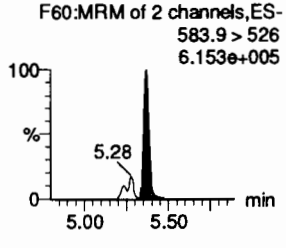
L-MeFOSAA



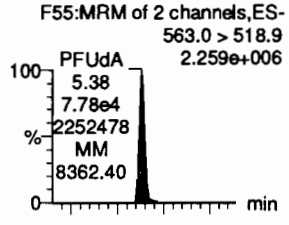


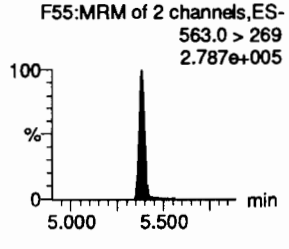
L-EtFOSAA



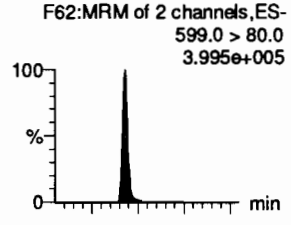


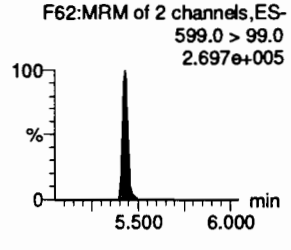
PFUdA



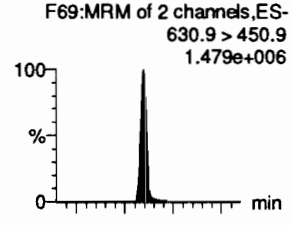


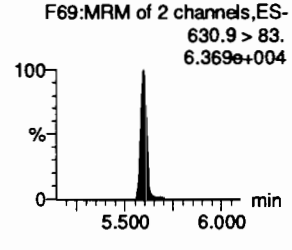
PFDS



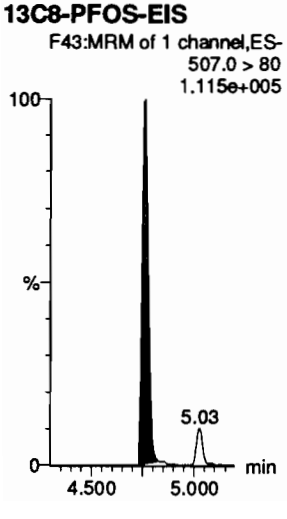


11Cl-PF30UdS

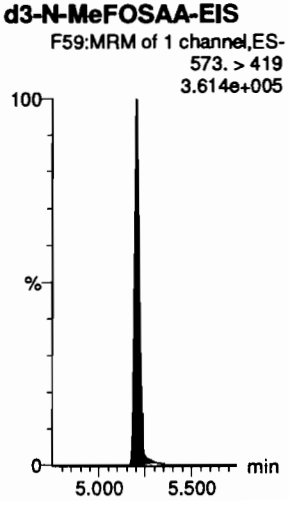




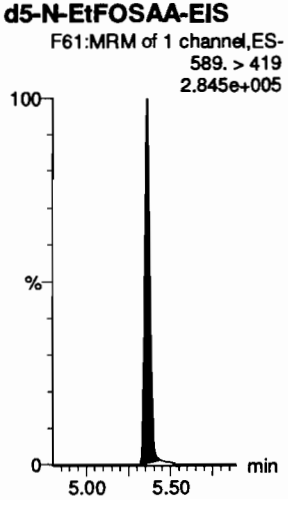
13C8-PFOS-EIS



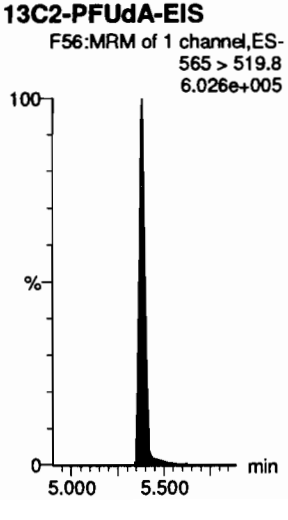
d3-N-MeFOSAA-EIS



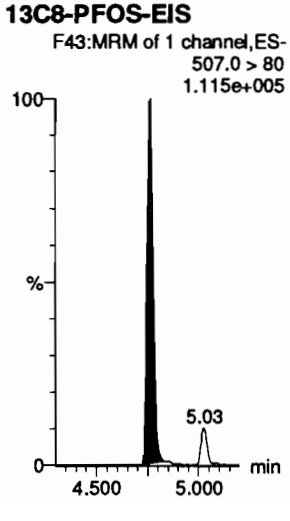
d5-N-EtFOSAA-EIS



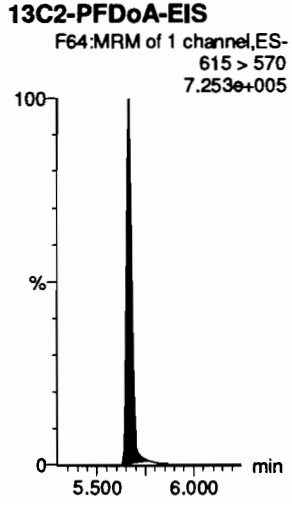
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

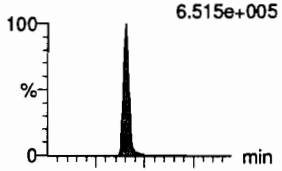


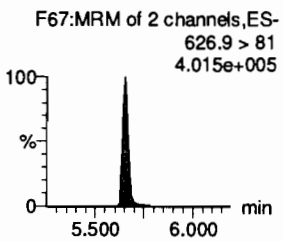
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

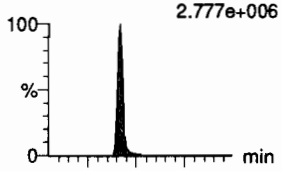
Name: 200708M1_9, Date: 08-Jul-2020, Time: 16:12:19, ID: ST200708M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

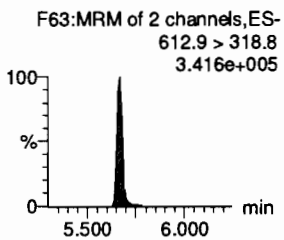
10:2 FTS



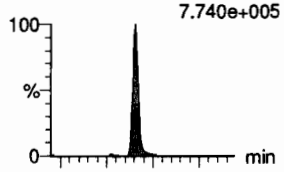


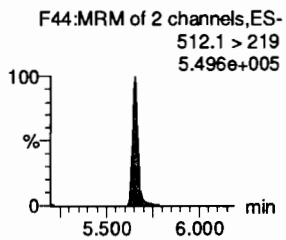
PFDoA



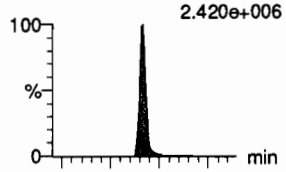


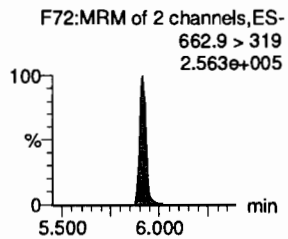
N-MeFOSA



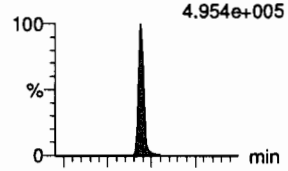


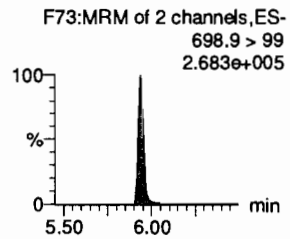
PFTrDA



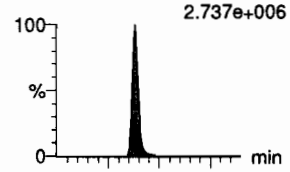


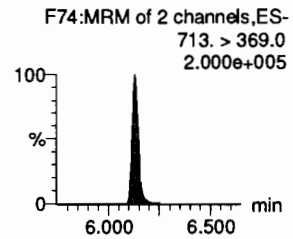
PFDoS



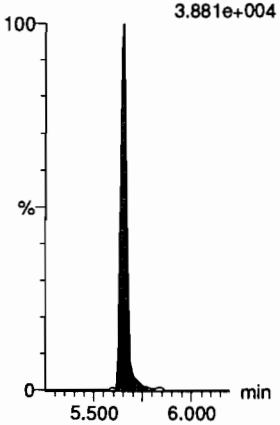


PFTeDA

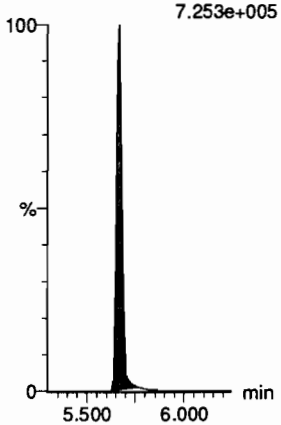




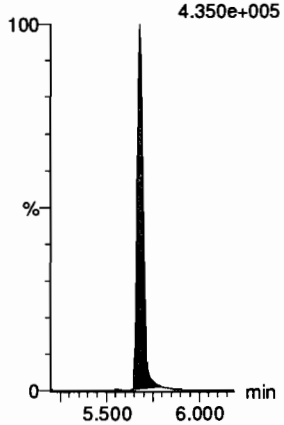
13C2-10:2 FTS-EIS



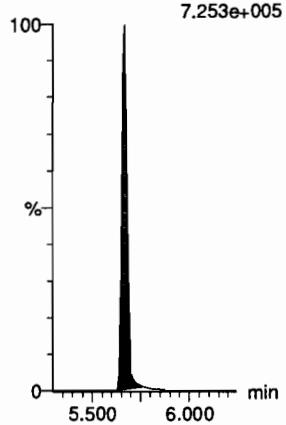
13C2-PFDoA-EIS



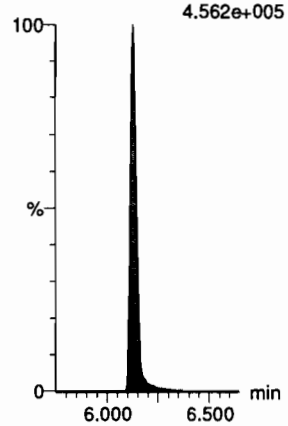
d3-N-MeFOSA-EIS



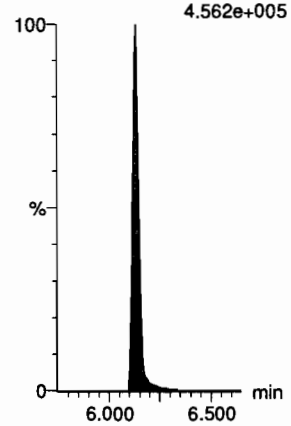
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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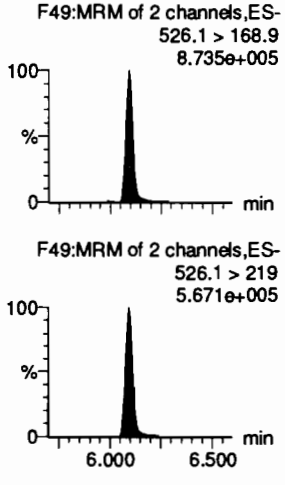
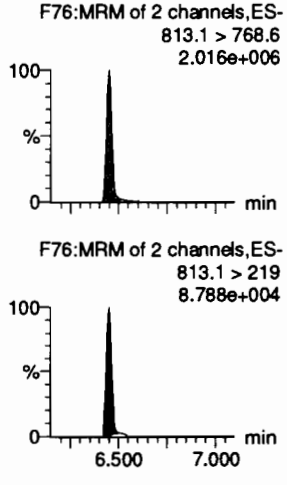
Name: 200708M1_9, Date: 08-Jul-2020, Time: 16:12:19, ID: ST200708M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

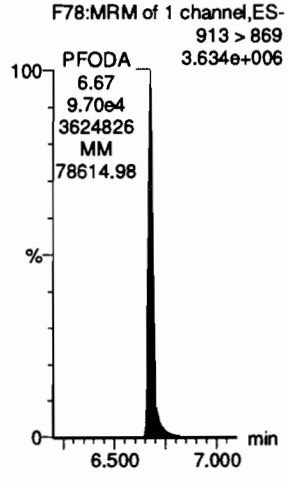
N-EtFOSA



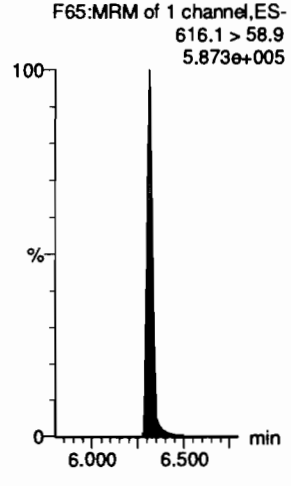
PFHxDA



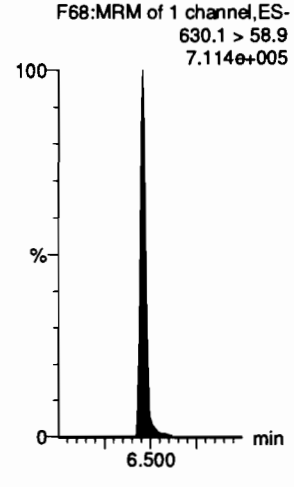
PFODA



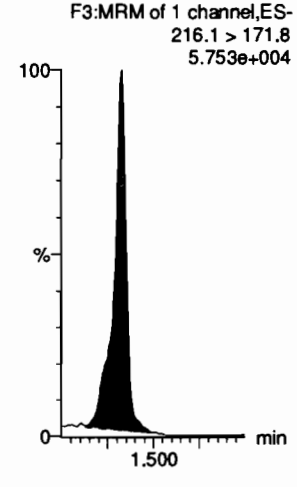
N-MeFOSE



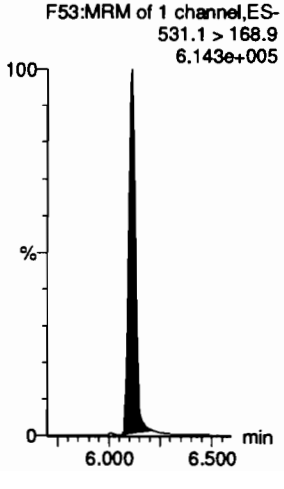
N-EtFOSE



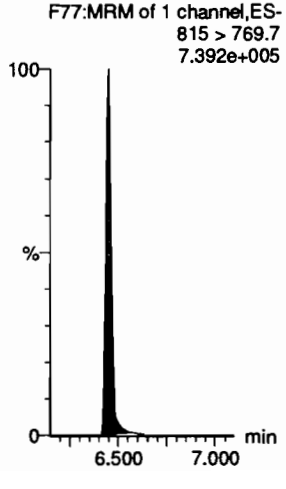
13C3-PFBA-RSD



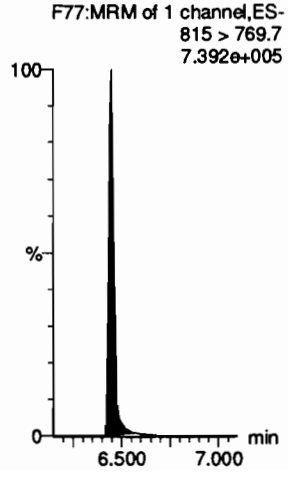
d5-N-ETFOSA-EIS



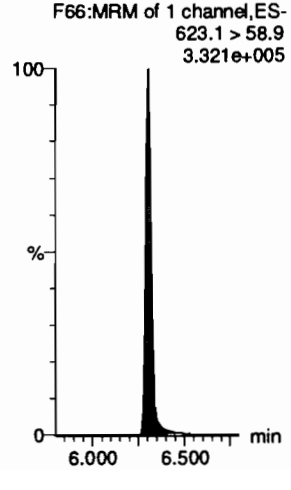
13C2-PFHxDA-EIS



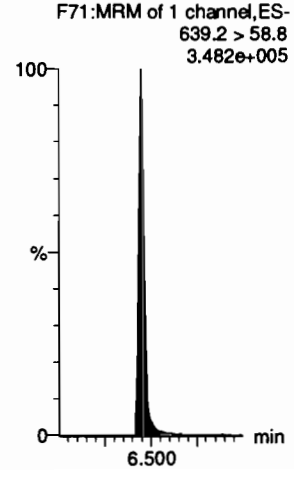
13C2-PFHxDA-EIS



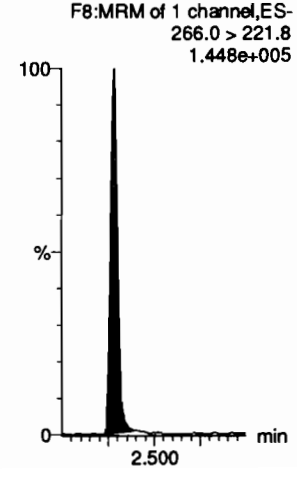
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

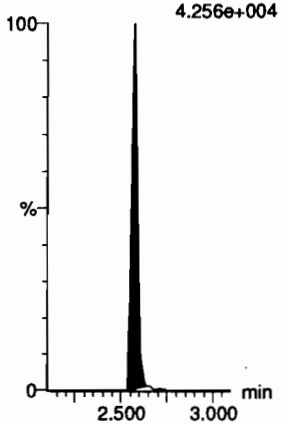


Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

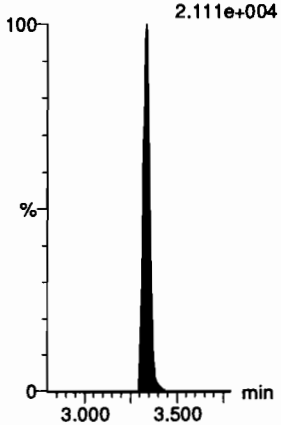
Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_9, Date: 08-Jul-2020, Time: 16:12:19, ID: ST200708M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

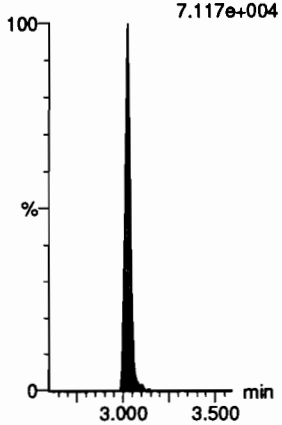
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
4.256e+004



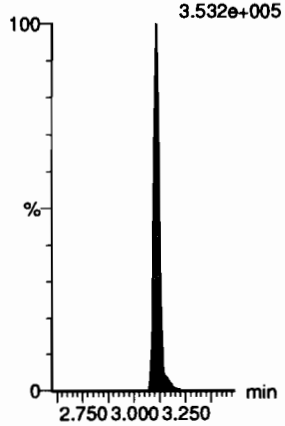
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.111e+004



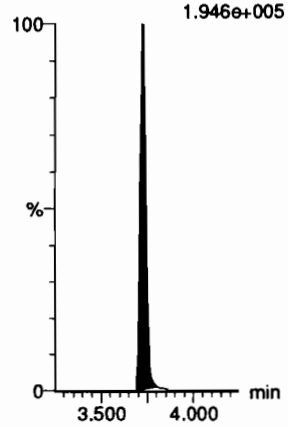
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.117e+004



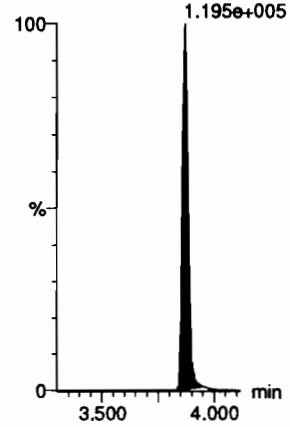
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.532e+005



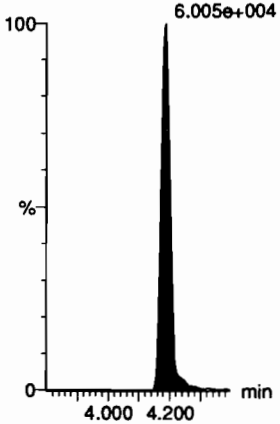
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.946e+005



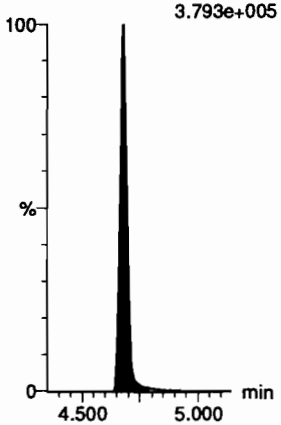
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.195e+005



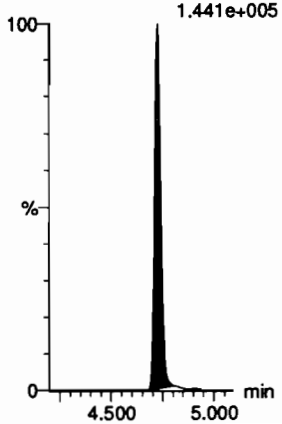
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.005e+004



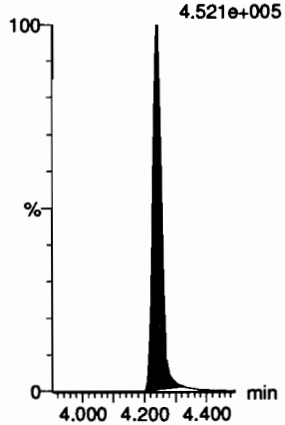
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.793e+005



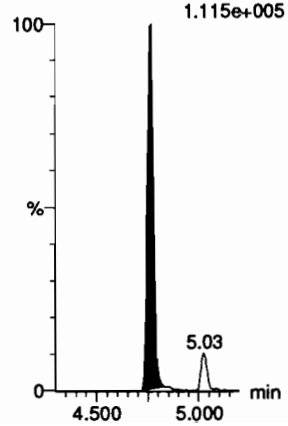
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.441e+005



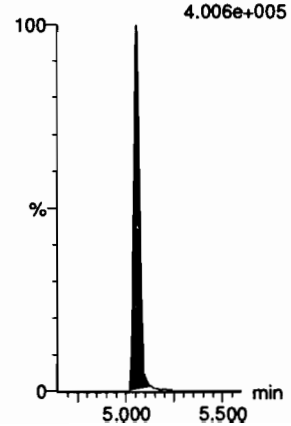
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.521e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.115e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.006e+005



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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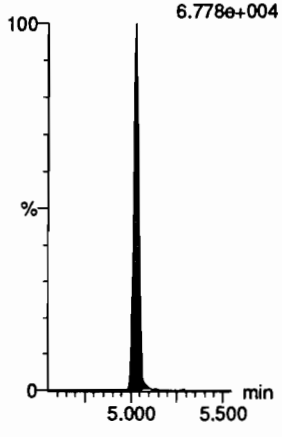
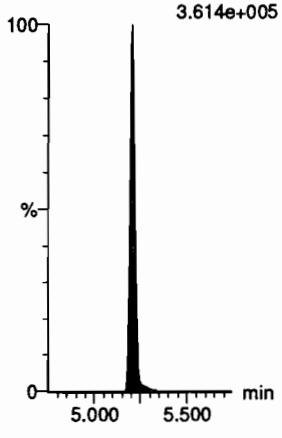
Name: 200708M1_9, Date: 08-Jul-2020, Time: 16:12:19, ID: ST200708M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

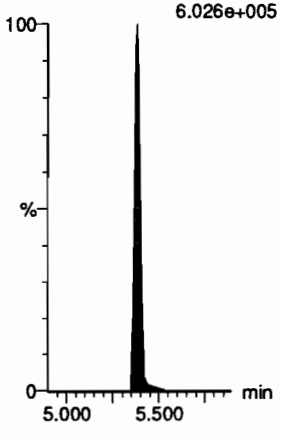
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.778e+004



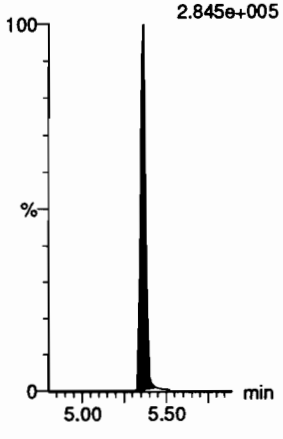
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.614e+005



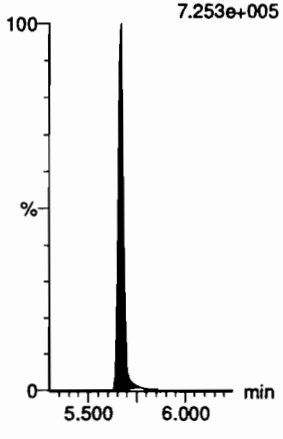
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.026e+005



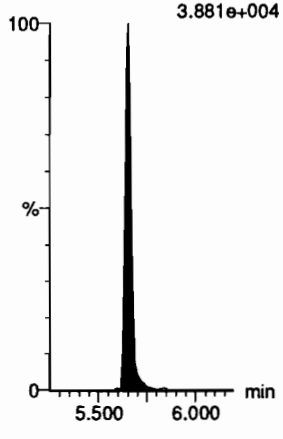
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.845e+005



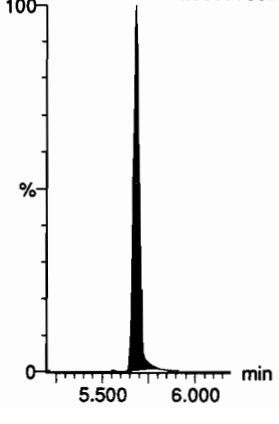
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
7.253e+005



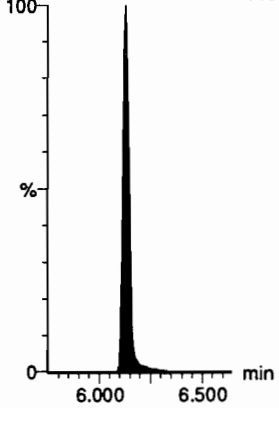
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
3.881e+004



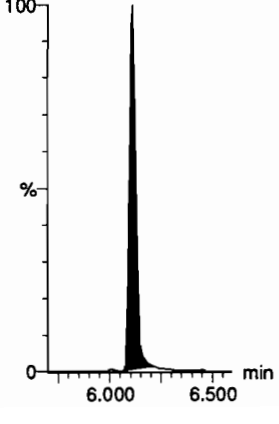
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.350e+005



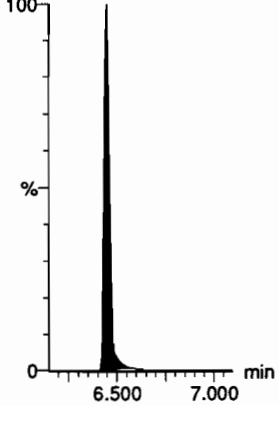
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.562e+005



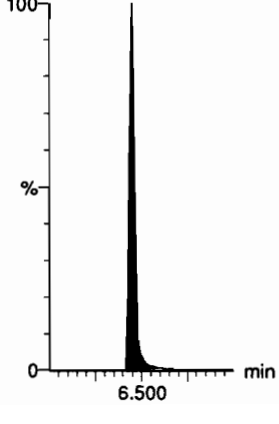
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.143e+005



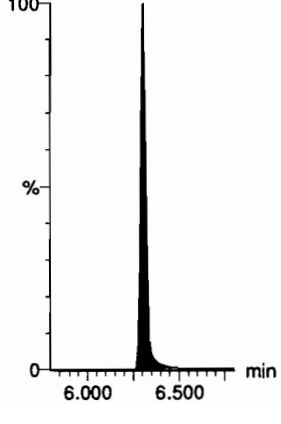
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.392e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.482e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.321e+005



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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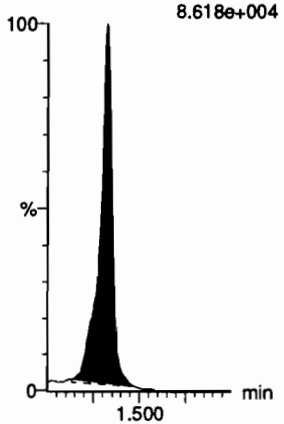
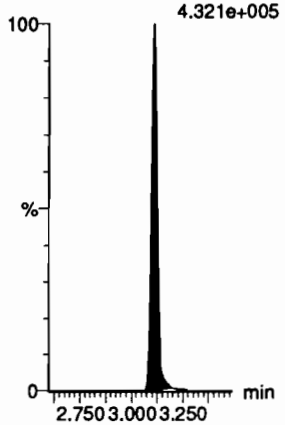
Name: 200708M1_9, Date: 08-Jul-2020, Time: 16:12:19, ID: ST200708M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

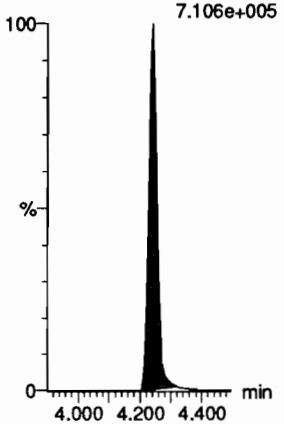
13C4-PFBA



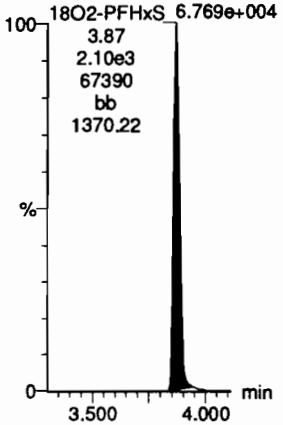
13C5-PFHxA



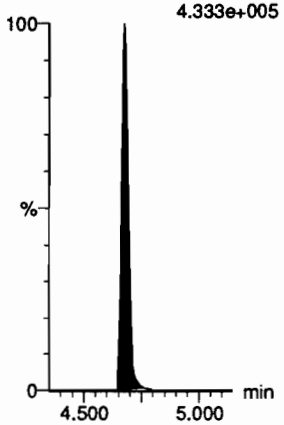
13C8-PFOA



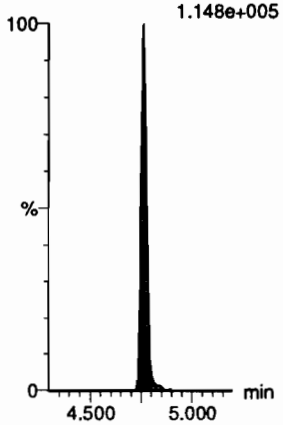
18O2-PFHxS



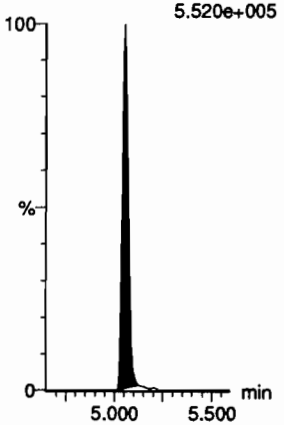
13C9-PFNA



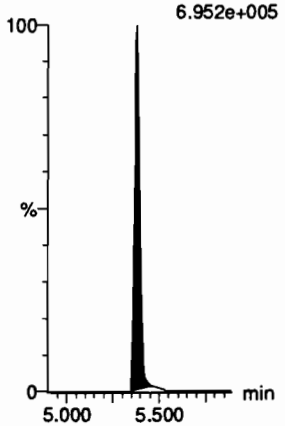
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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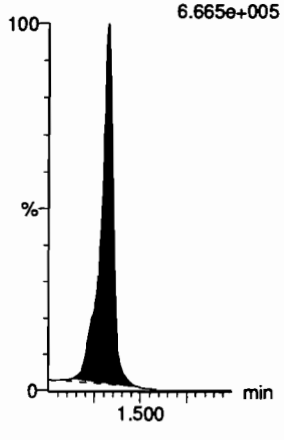
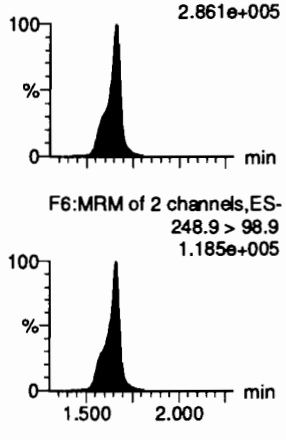
Name: 200708M1_10, Date: 08-Jul-2020, Time: 16:22:41, ID: ST200708M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

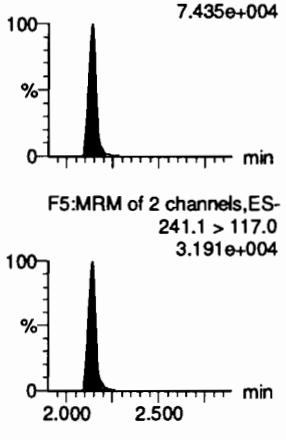
PFBA



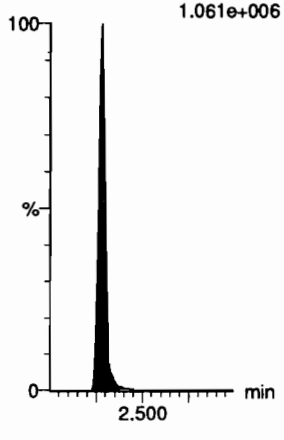
PFPrS



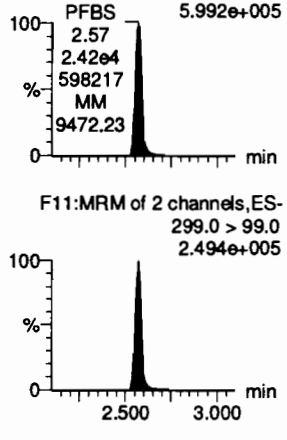
3:3 FTCA



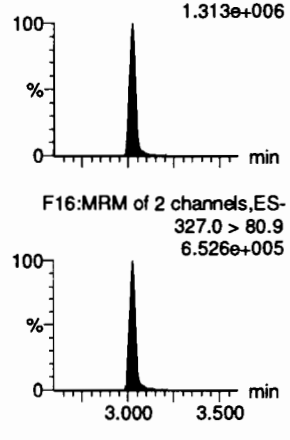
PFPeA



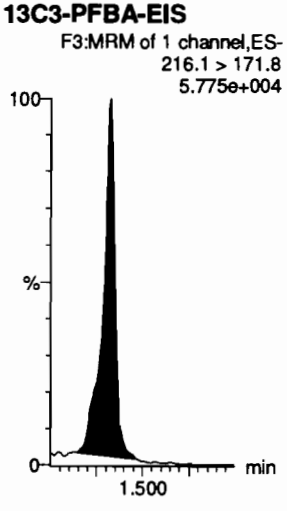
PFBS



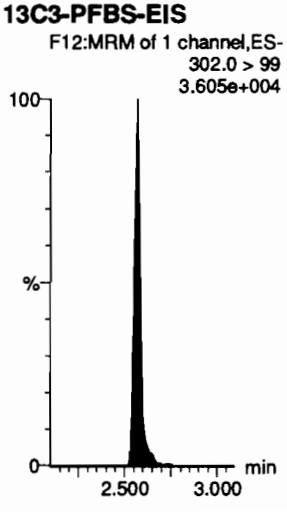
4:2 FTS



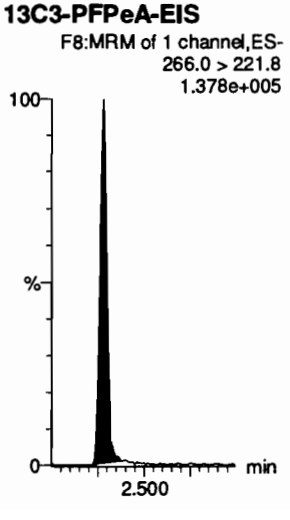
13C3-PFBA-EIS



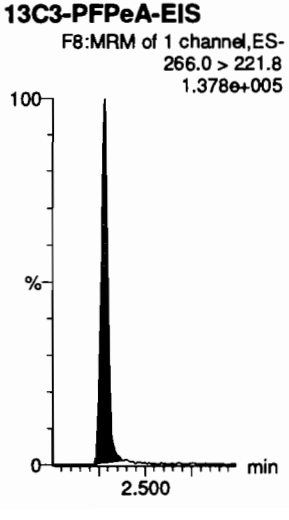
13C3-PFBS-EIS



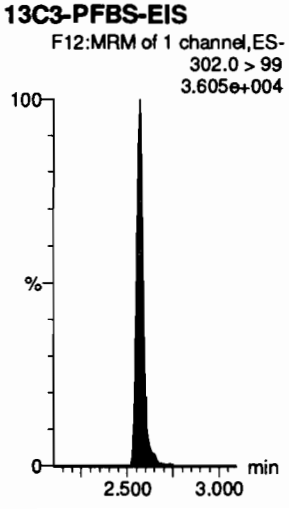
13C3-PFPeA-EIS



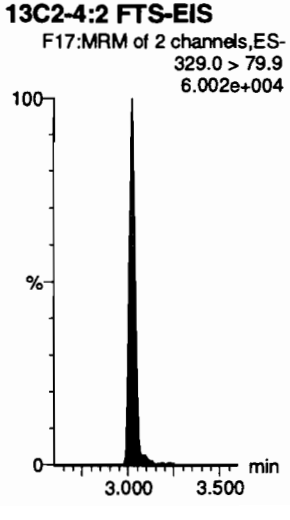
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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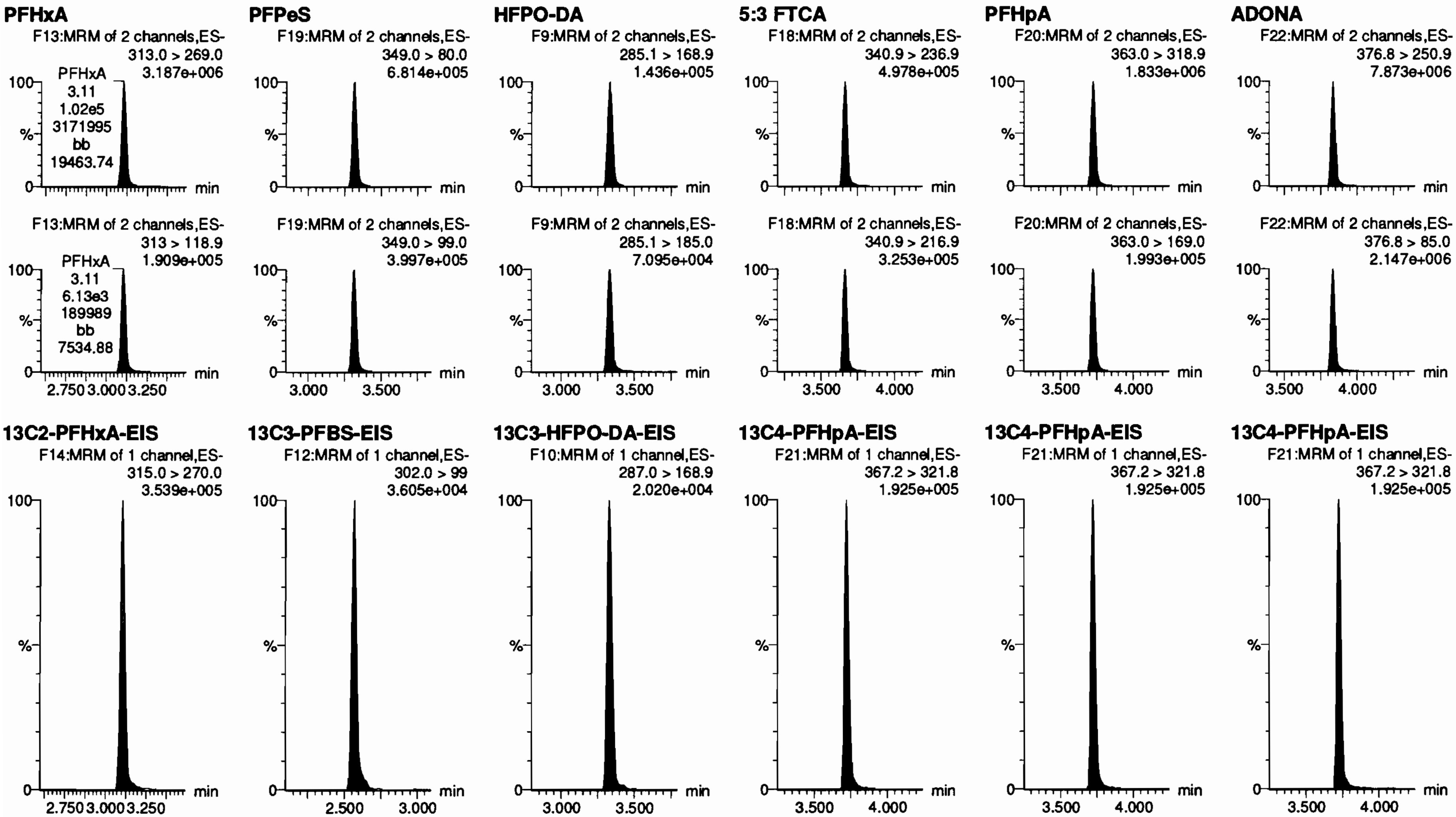
Name: 200708M1_10, Date: 08-Jul-2020, Time: 16:22:41, ID: ST200708M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908



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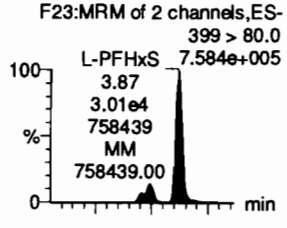
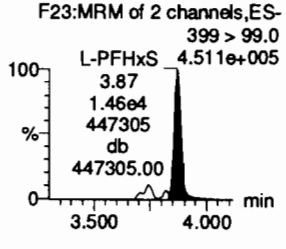
Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

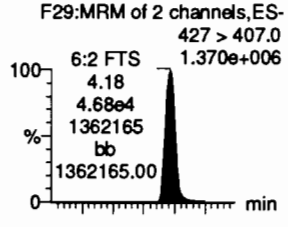
Name: 200708M1_10, Date: 08-Jul-2020, Time: 16:22:41, ID: ST200708M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

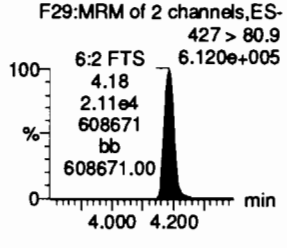
L-PFHxS



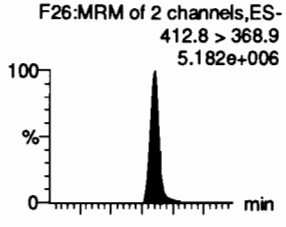


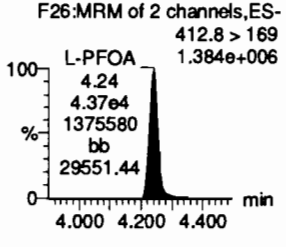
6:2 FTS



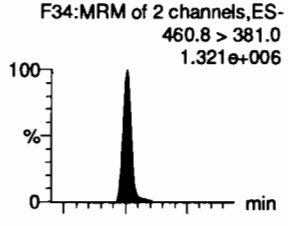


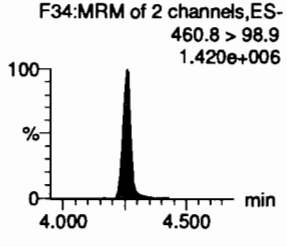
L-PFOA





PFEChS





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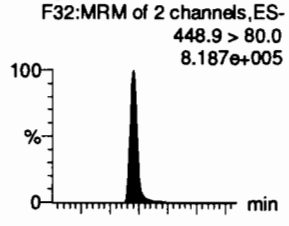
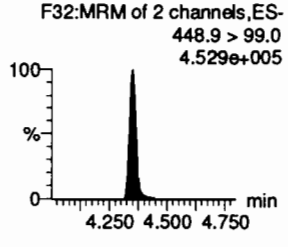
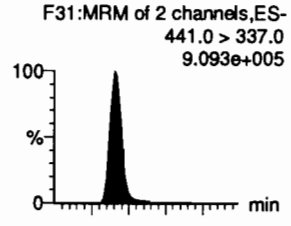
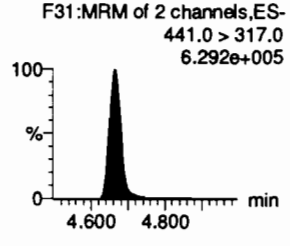


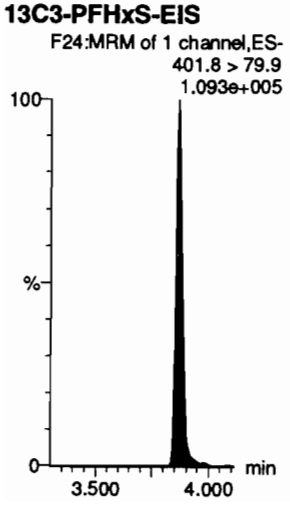


7:3 FTCA

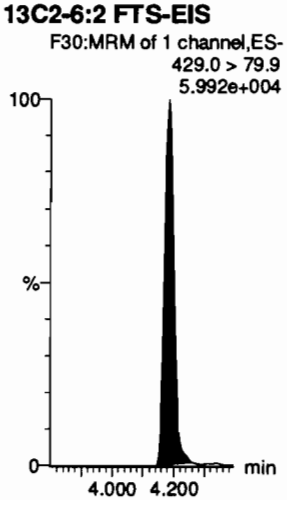




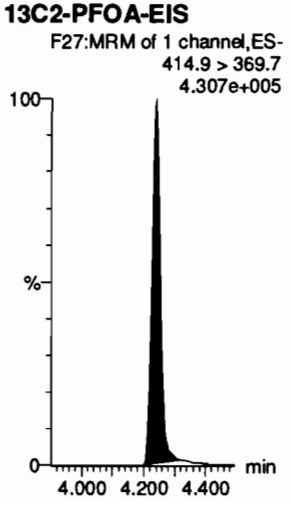
13C3-PFHxS-EIS



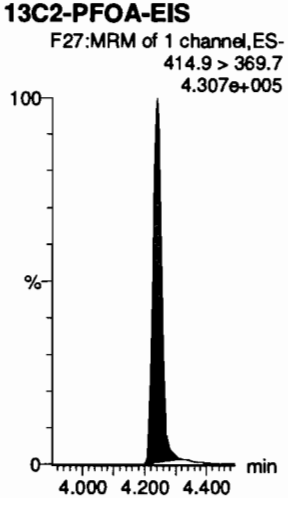
13C2-6:2 FTS-EIS



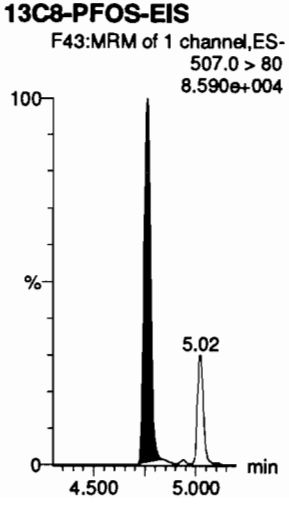
13C2-PFOA-EIS



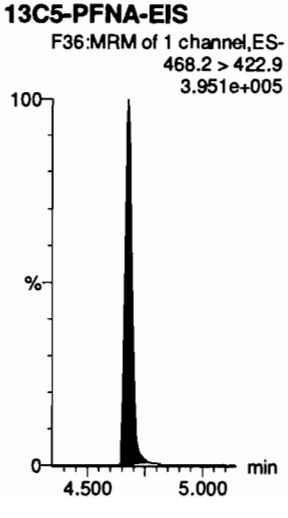
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_10, Date: 08-Jul-2020, Time: 16:22:41, ID: ST200708M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

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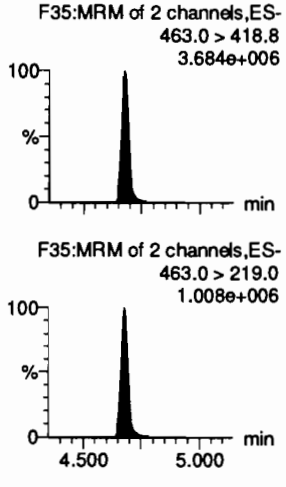

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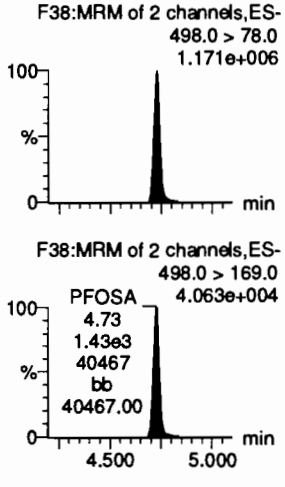
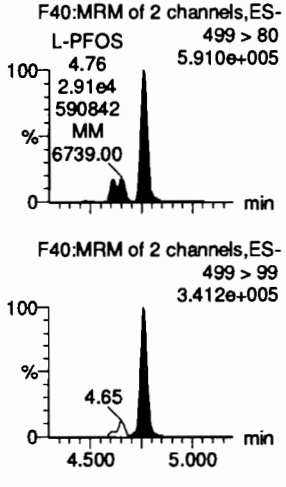
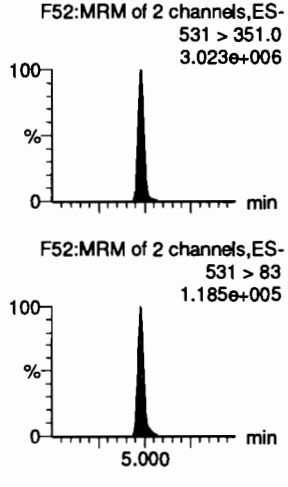


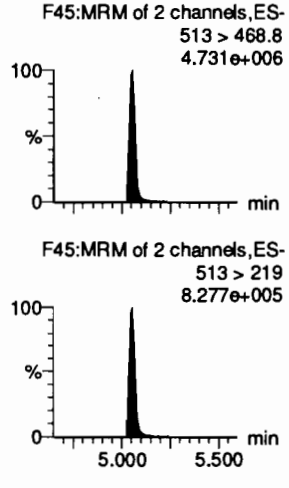
L-PFOS



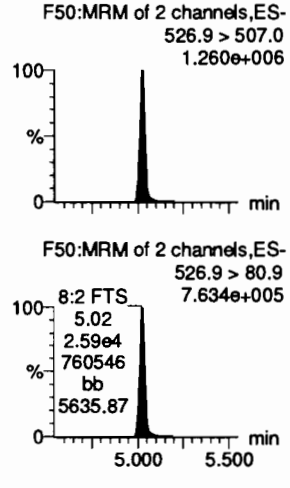
9Cl-PF30NS



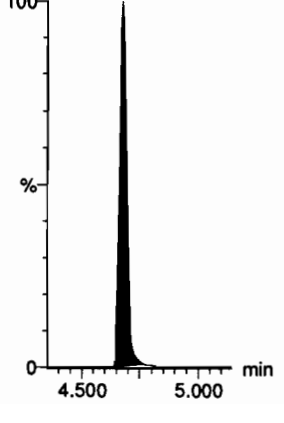
PFDA



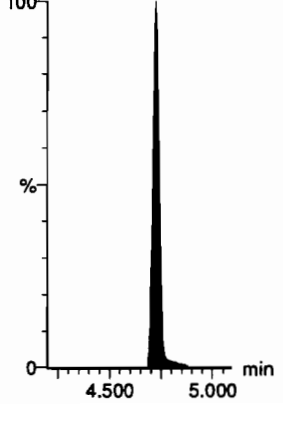
8:2 FTS



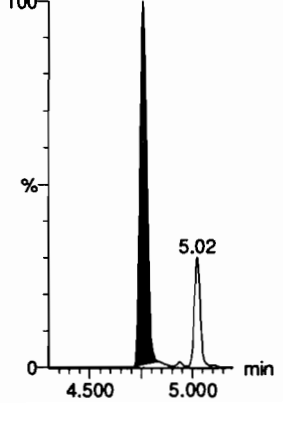
13C5-PFNA-EIS



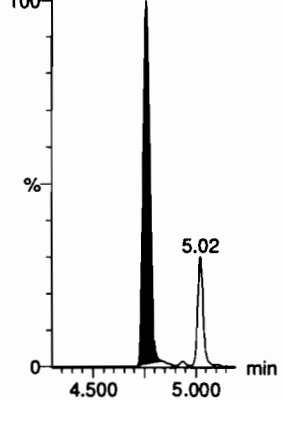
13C8-PFOSA-EIS



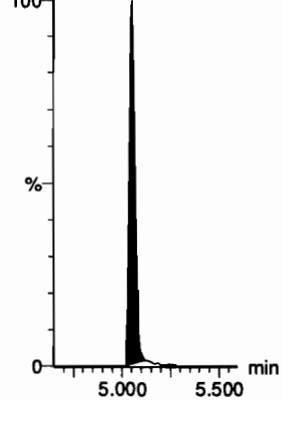
13C8-PFOS-EIS



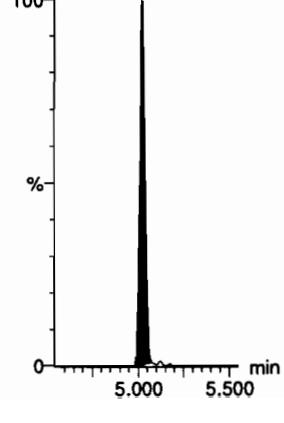
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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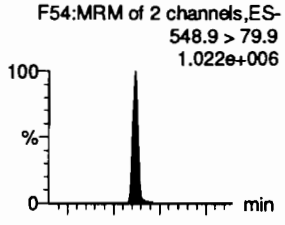
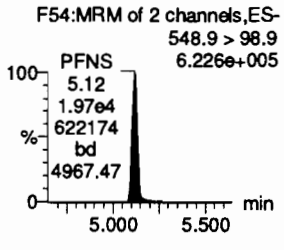
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

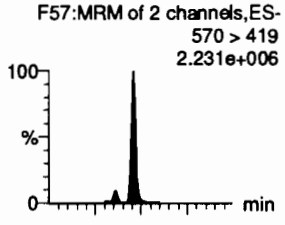
Name: 200708M1_10, Date: 08-Jul-2020, Time: 16:22:41, ID: ST200708M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

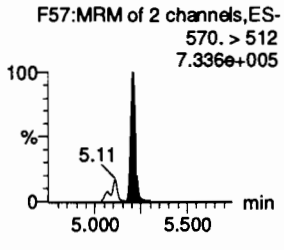
PFNS





L-MeFOSAA





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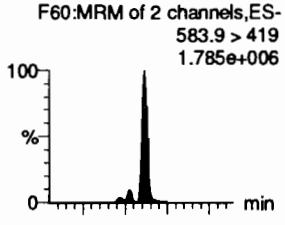
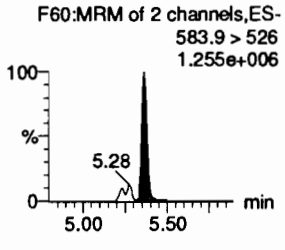
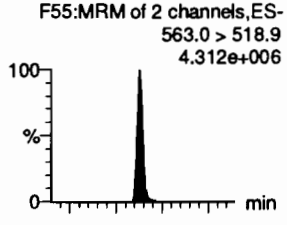
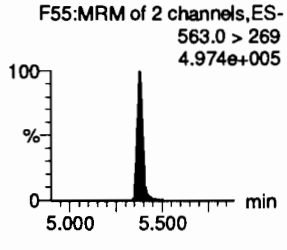


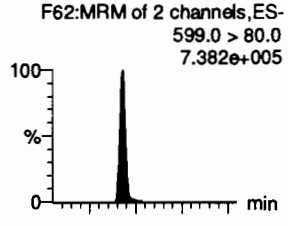


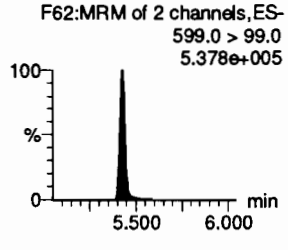
PFUdA



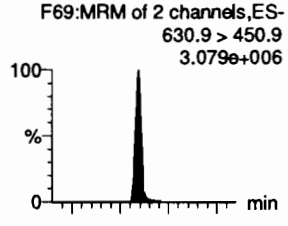


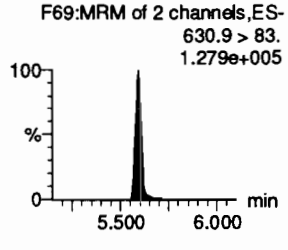
PFDS



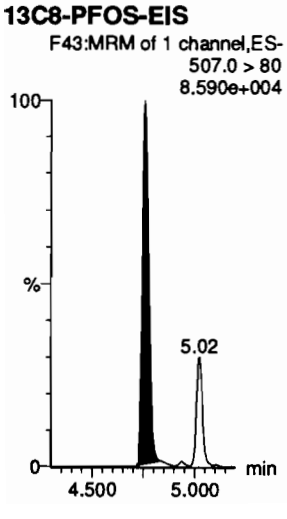


11Cl-PF30UdS





13C8-PFOS-EIS



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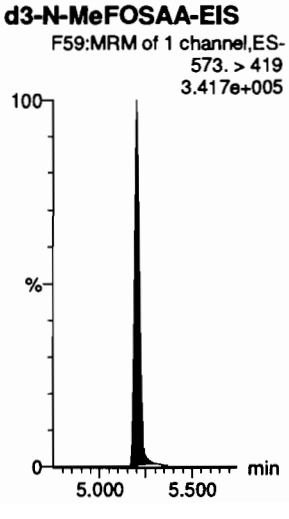
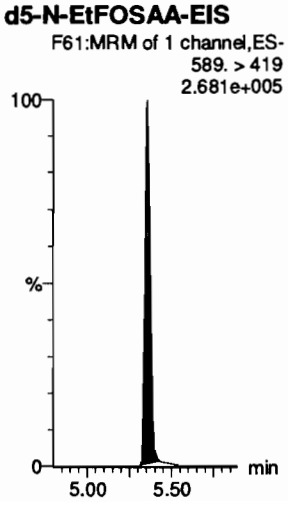
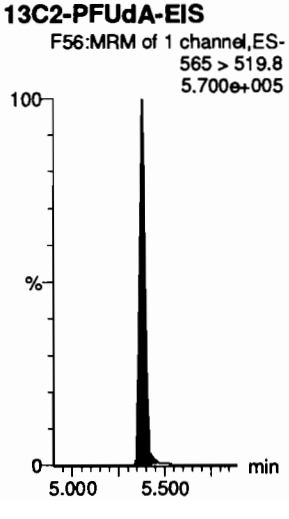


d5-N-EtFOSAA-EIS



13C2-PFUdA-EIS



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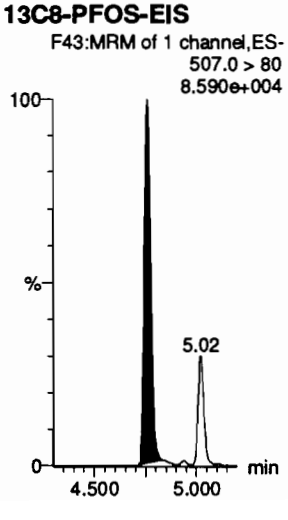
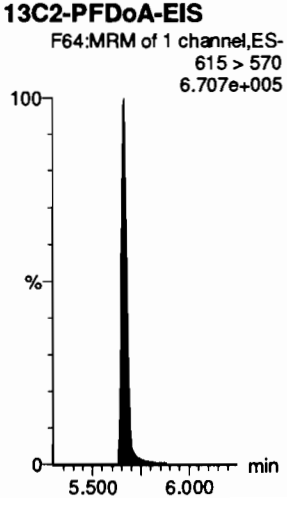


13C2-PFDoA-EIS



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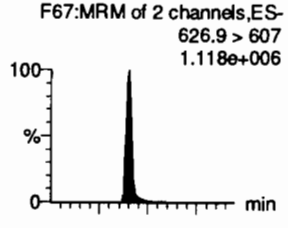
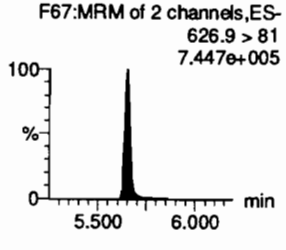
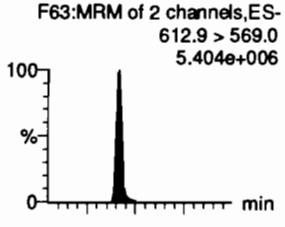
Name: 200708M1_10, Date: 08-Jul-2020, Time: 16:22:41, ID: ST200708M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

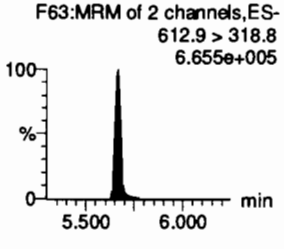
10:2 FTS



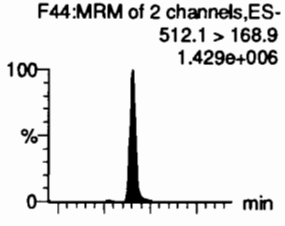


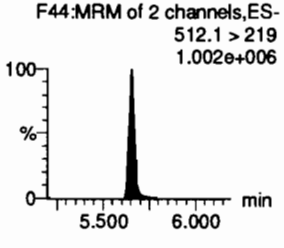
PFDoA



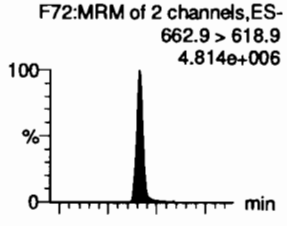


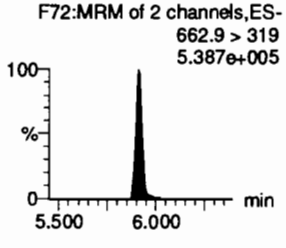
N-MeFOSA



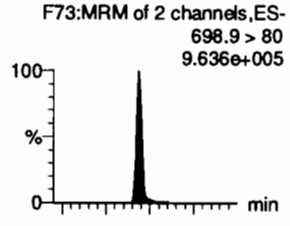


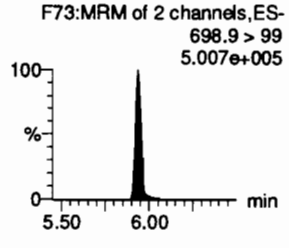
PFTrDA



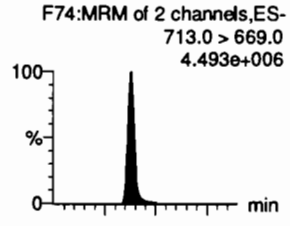


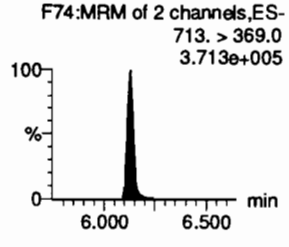
PFDoS



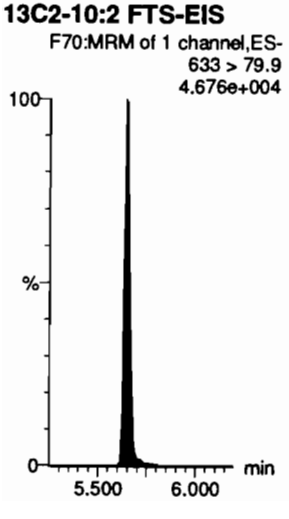


PFTeDA

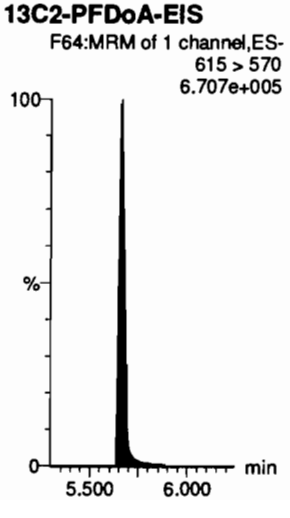




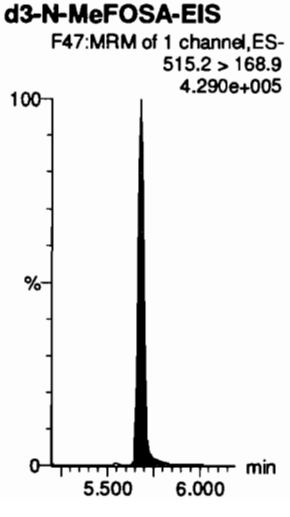
13C2-10:2 FTS-EIS



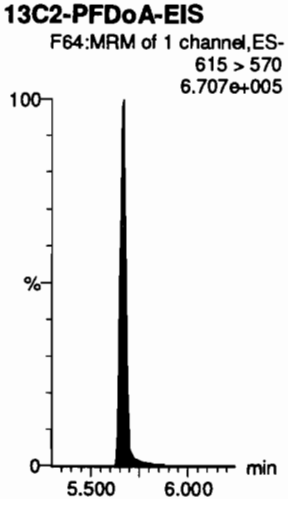
13C2-PFDoA-EIS



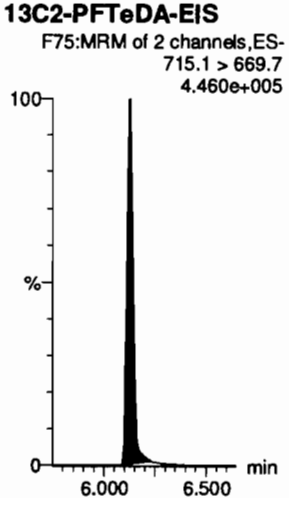
d3-N-MeFOSA-EIS



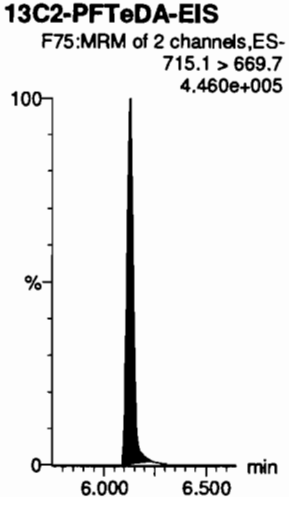
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

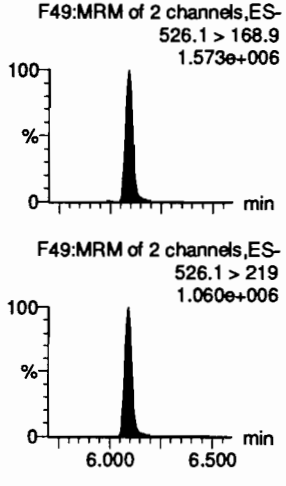


Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

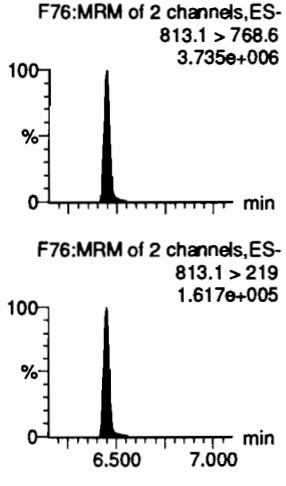
Last Altered: Thursday, July 09, 2020 10:01:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:01:34 Pacific Daylight Time

Name: 200708M1_10, Date: 08-Jul-2020, Time: 16:22:41, ID: ST200708M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

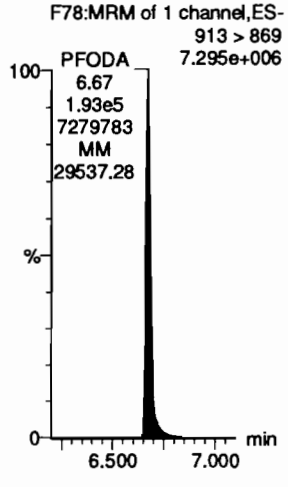
N-EtFOSA



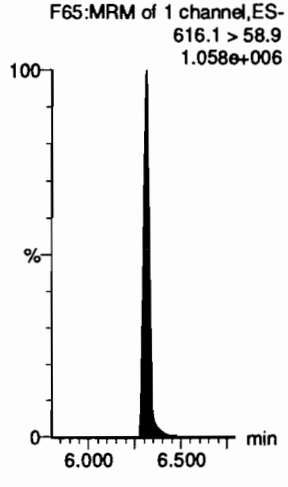
PFHxDA



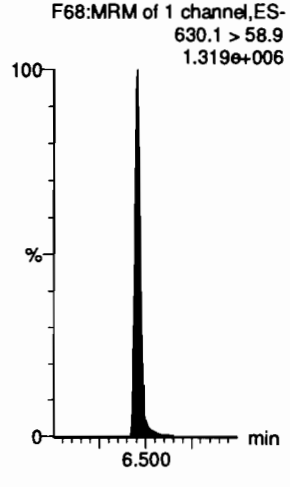
PFODA



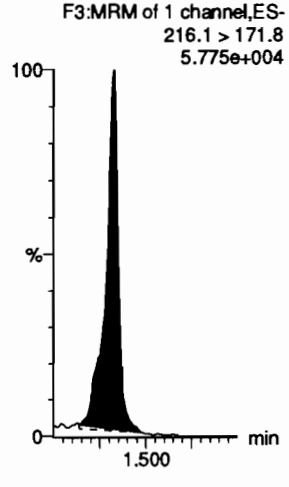
N-MeFOSE



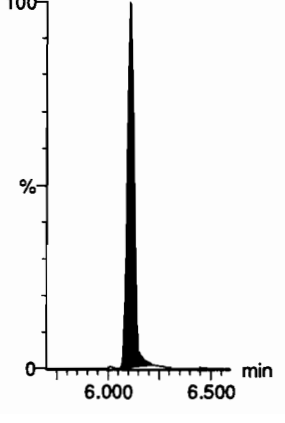
N-EtFOSE



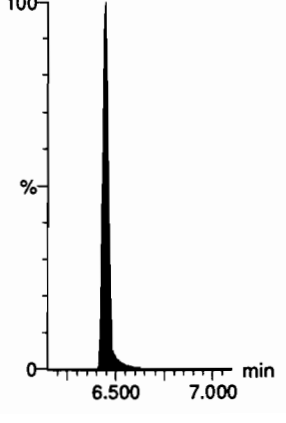
13C3-PFBA-RSD



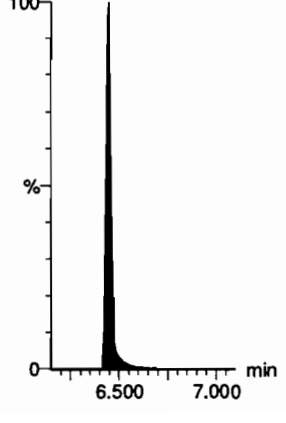
d5-N-ETFOSA-EIS



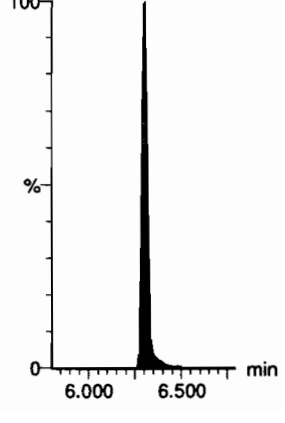
13C2-PFHxDA-EIS



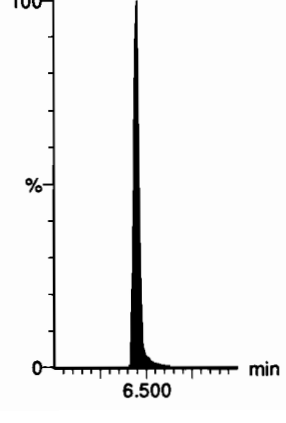
13C2-PFHxDA-EIS



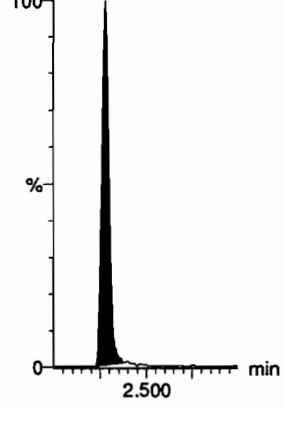
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

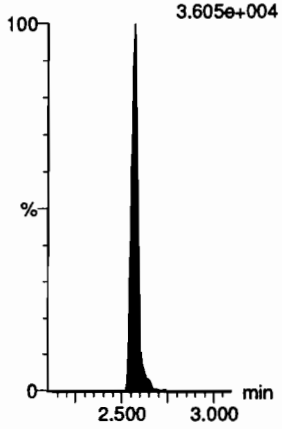


Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

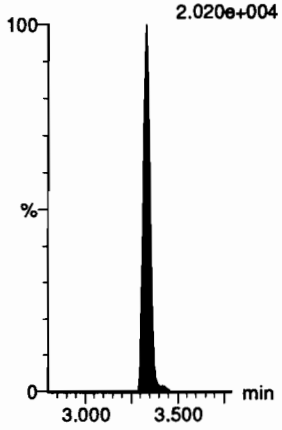
Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_10, Date: 08-Jul-2020, Time: 16:22:41, ID: ST200708M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

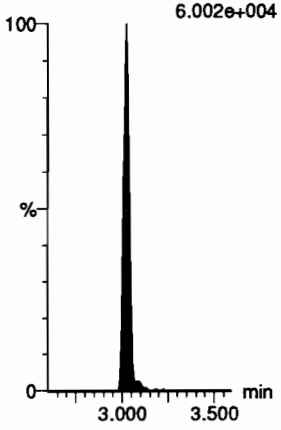
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.605e+004



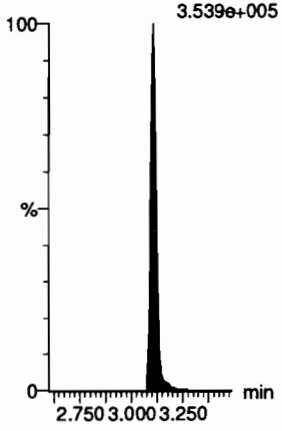
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.020e+004



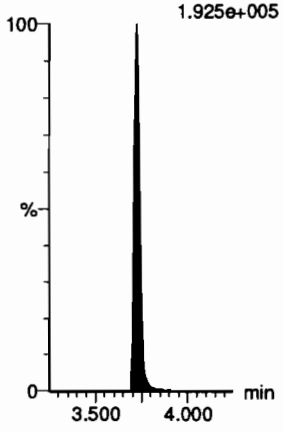
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.002e+004



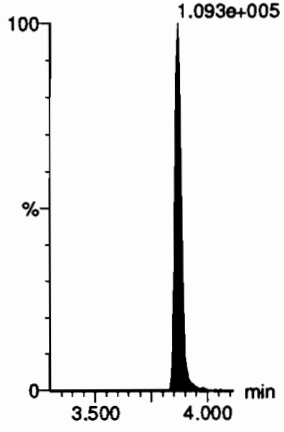
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.539e+005



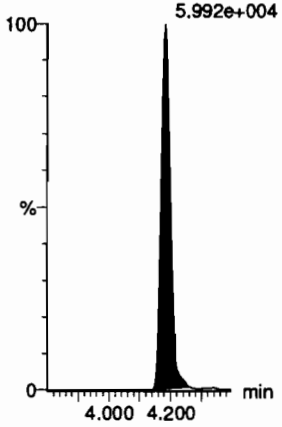
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.925e+005



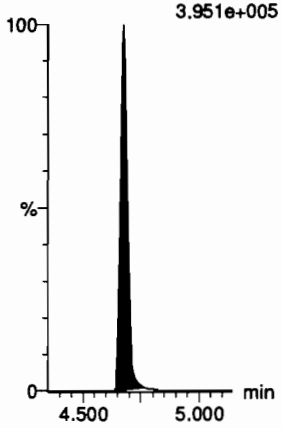
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.093e+005



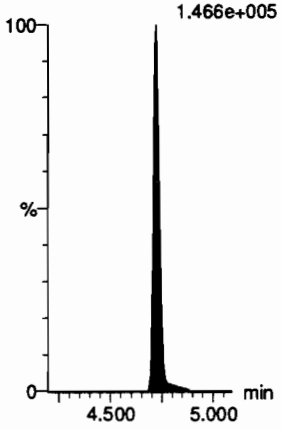
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.992e+004



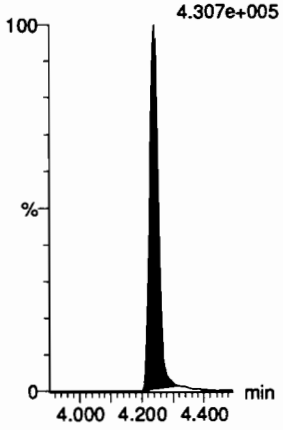
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.951e+005



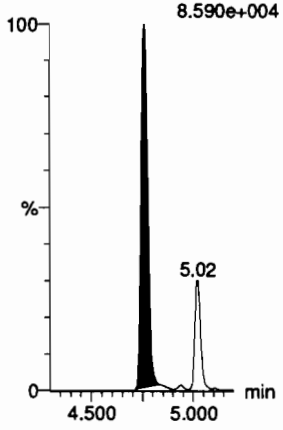
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.466e+005



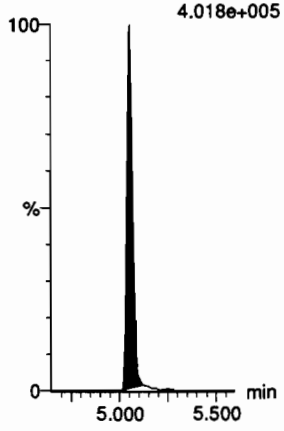
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.307e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
8.590e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.018e+005

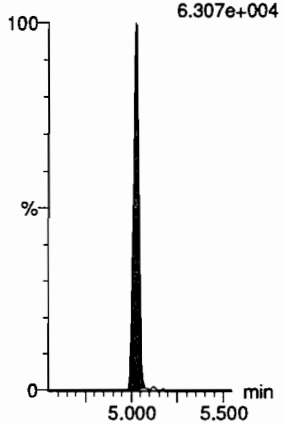


Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

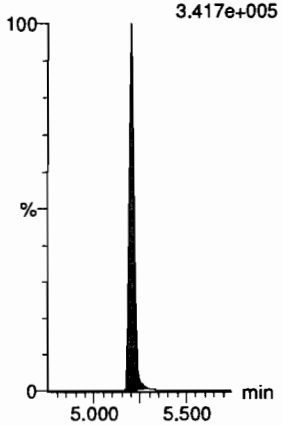
Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_10, Date: 08-Jul-2020, Time: 16:22:41, ID: ST200708M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

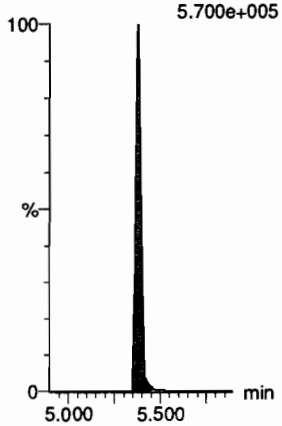
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.307e+004



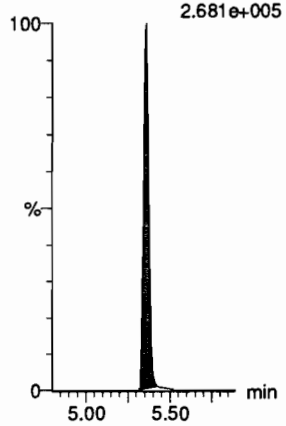
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.417e+005



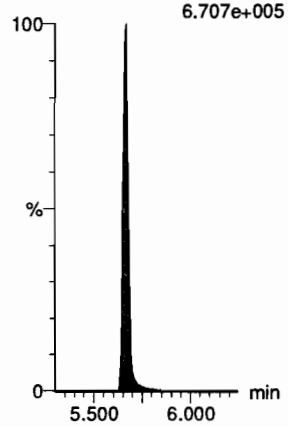
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.700e+005



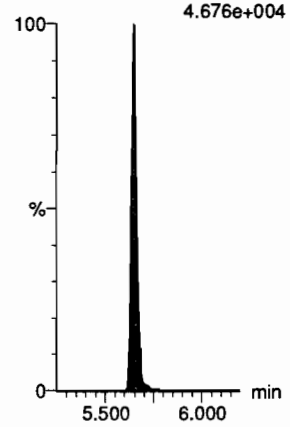
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.681e+005



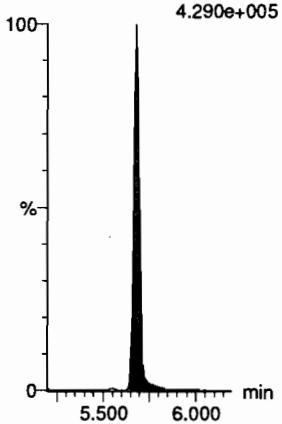
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
6.707e+005



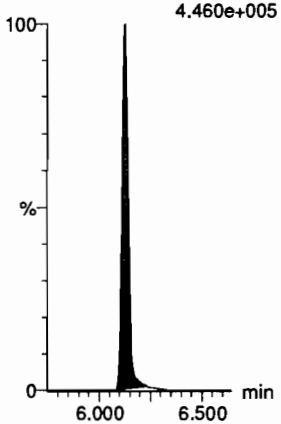
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.676e+004



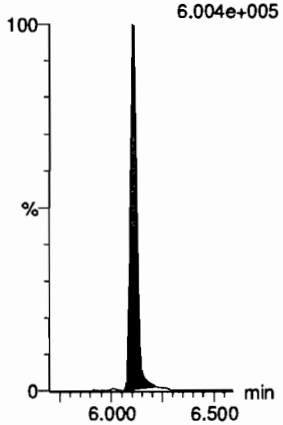
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.290e+005



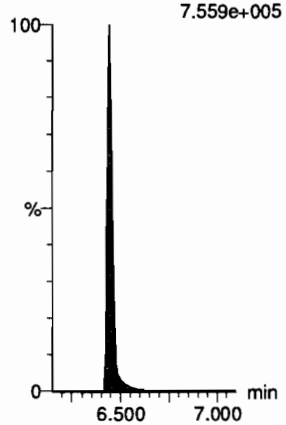
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.460e+005



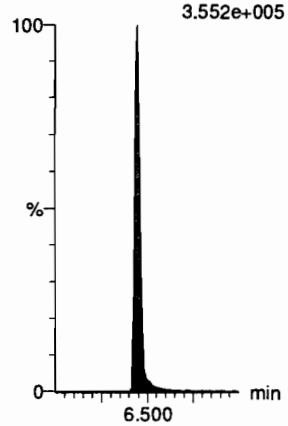
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.004e+005



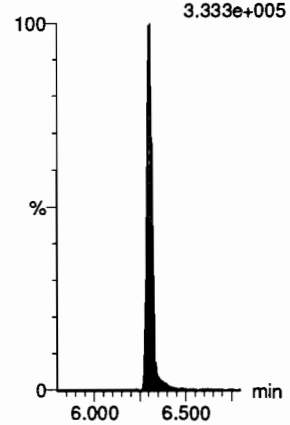
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.559e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.552e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.333e+005

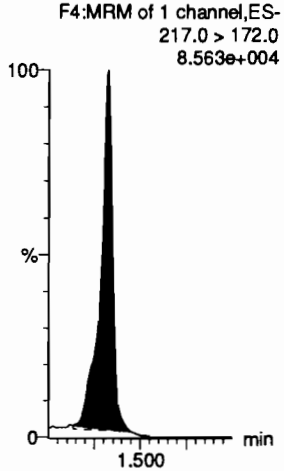


Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

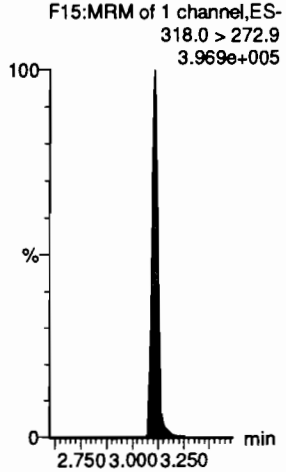
Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_10, Date: 08-Jul-2020, Time: 16:22:41, ID: ST200708M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

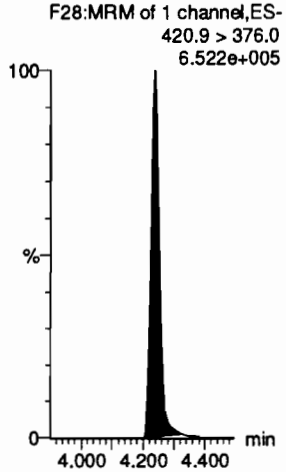
13C4-PFBA



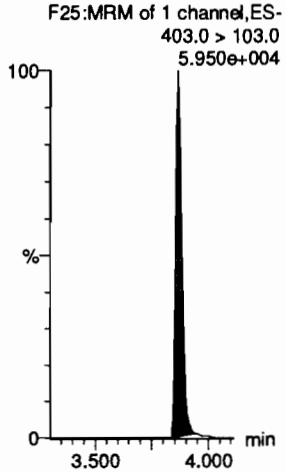
13C5-PFHxA



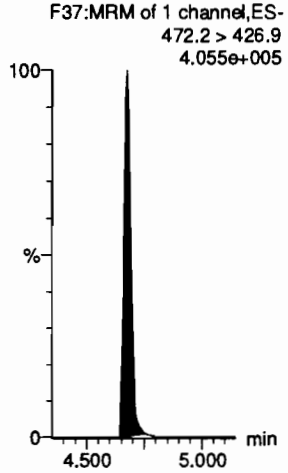
13C8-PFOA



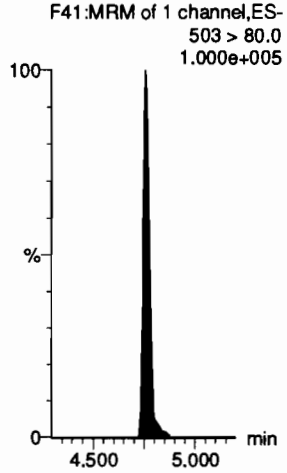
18O2-PFHxS



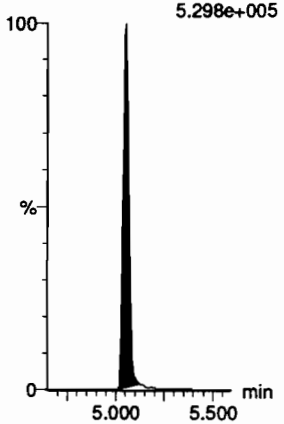
13C9-PFNA



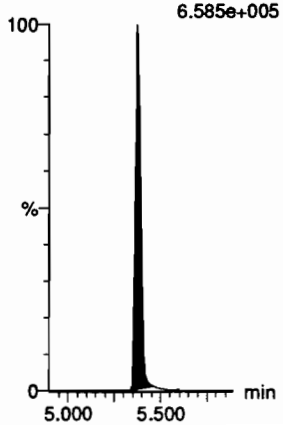
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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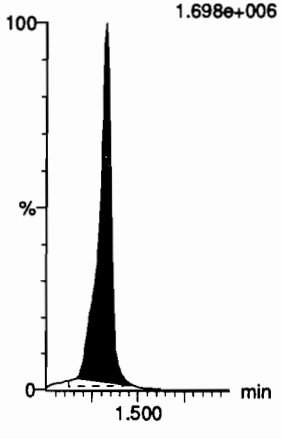
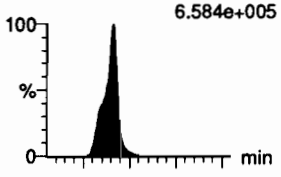
Name: 200708M1_11, Date: 08-Jul-2020, Time: 16:33:04, ID: ST200708M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

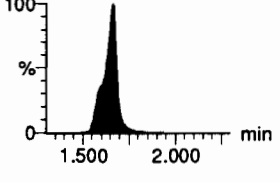
PFBA
F2:MRM of 1 channel,ES-
213.0 > 169.0
1.698e+006



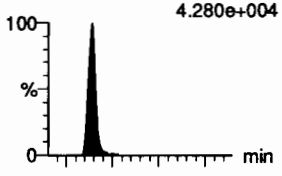
PFPrS
F6:MRM of 2 channels,ES-
248.9 > 79.9
6.584e+005



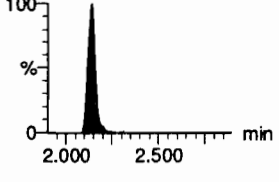
F6:MRM of 2 channels,ES-
248.9 > 98.9
2.790e+005



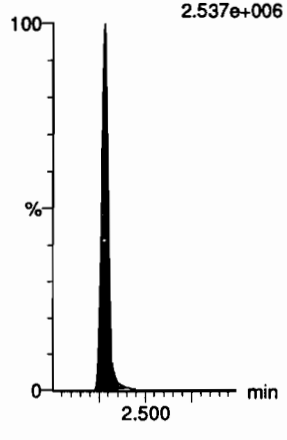
3:3 FTCA
F5:MRM of 2 channels,ES-
241.1 > 177.0
4.280e+004



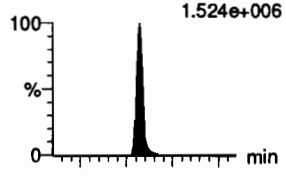
F5:MRM of 2 channels,ES-
241.1 > 117.0
1.866e+004



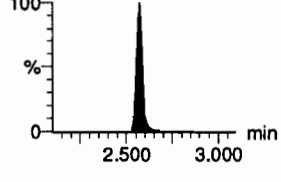
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
2.537e+006



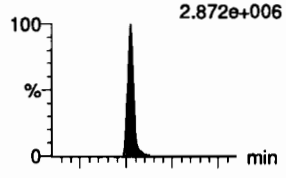
PFBS
F11:MRM of 2 channels,ES-
299.0 > 79.7
1.524e+006



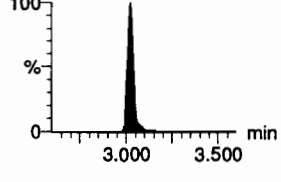
F11:MRM of 2 channels,ES-
299.0 > 99.0
5.985e+005



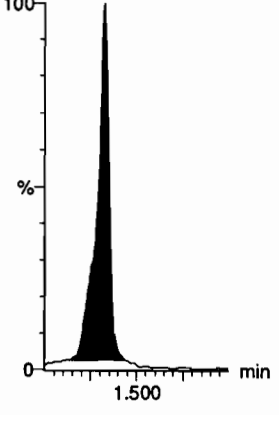
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 306.9
2.872e+006



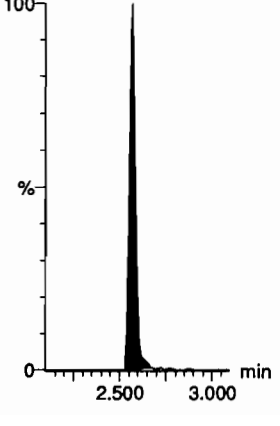
F16:MRM of 2 channels,ES-
327.0 > 80.9
1.319e+006



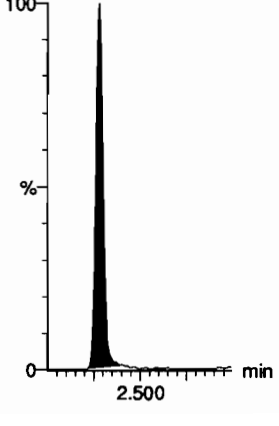
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
5.954e+004



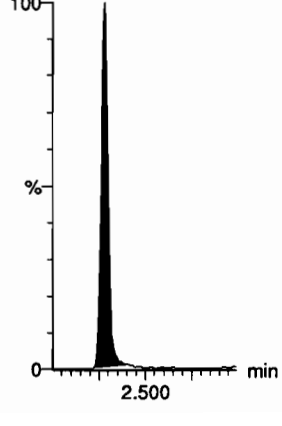
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.834e+004



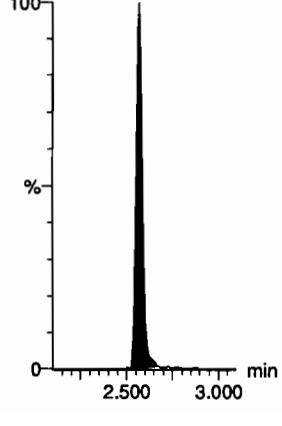
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.331e+005



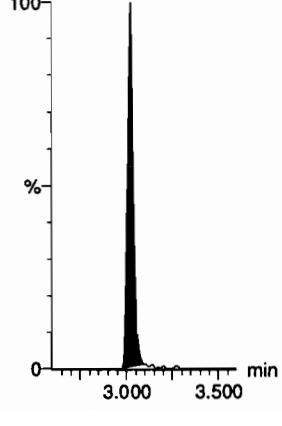
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.331e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.834e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.9
5.823e+004



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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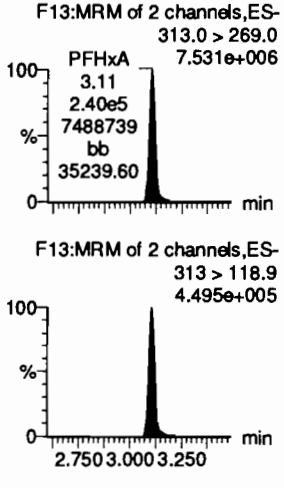
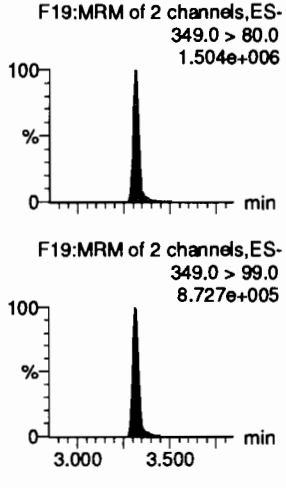
Name: 200708M1_11, Date: 08-Jul-2020, Time: 16:33:04, ID: ST200708M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

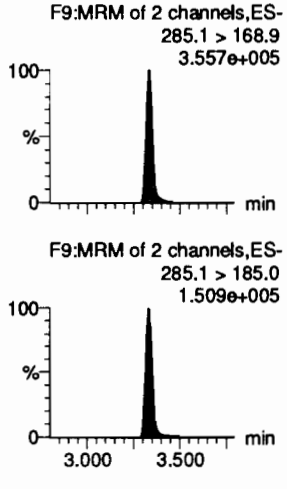
PFHxA



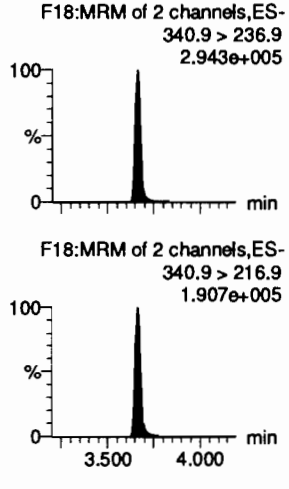
PFPeS



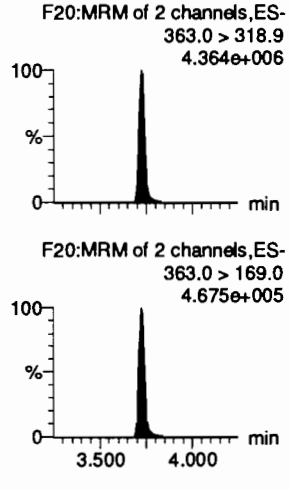
HFPO-DA



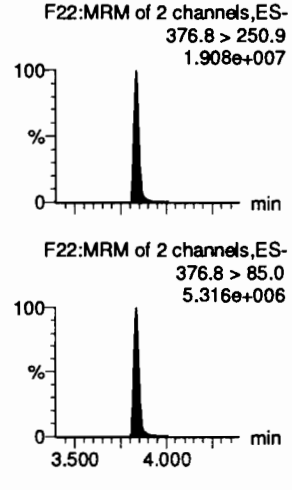
5:3 FTCA



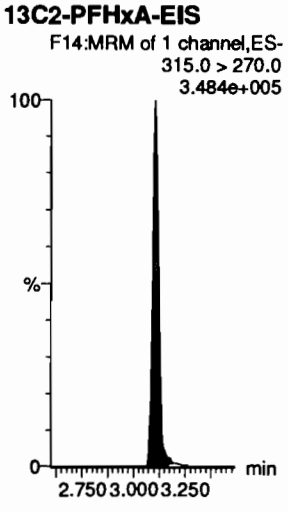
PFHpA



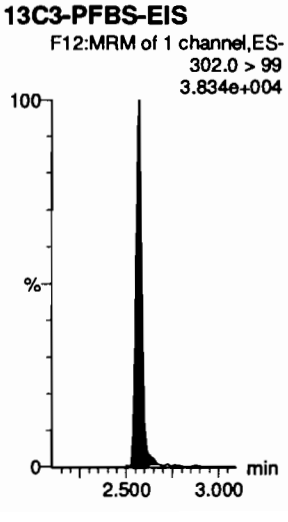
ADONA



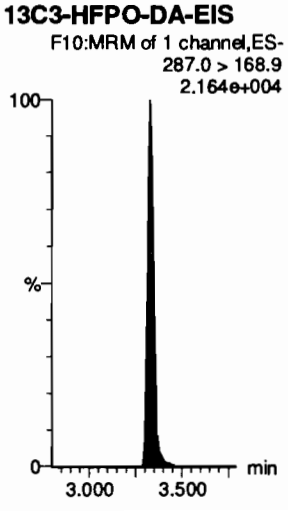
13C2-PFHxA-EIS



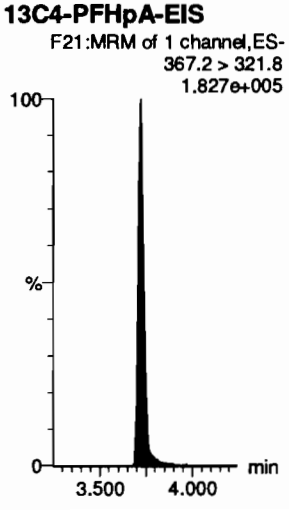
13C3-PFBS-EIS



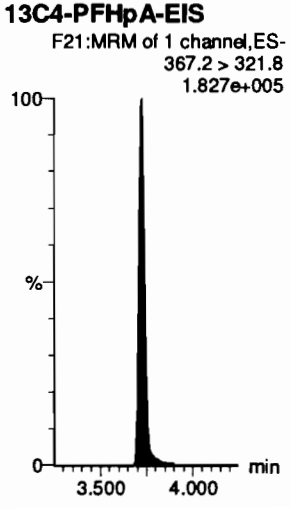
13C3-HFPO-DA-EIS



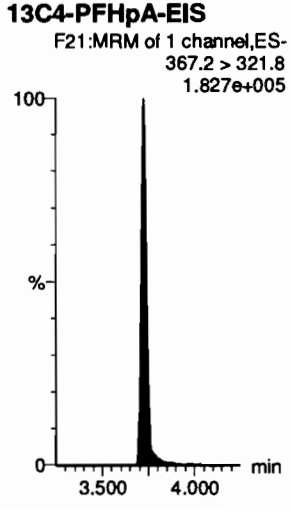
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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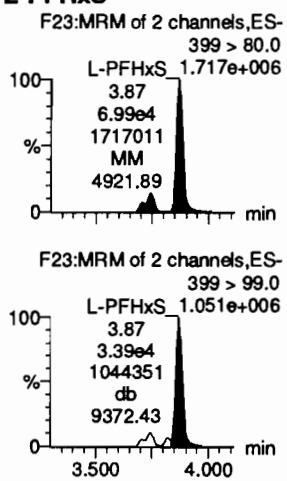
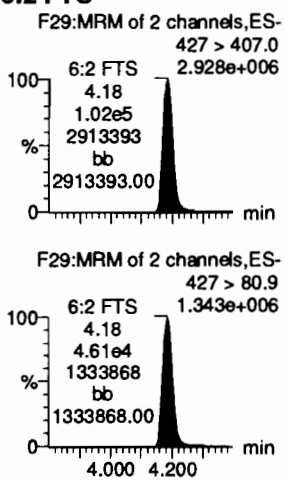
Name: 200708M1_11, Date: 08-Jul-2020, Time: 16:33:04, ID: ST200708M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

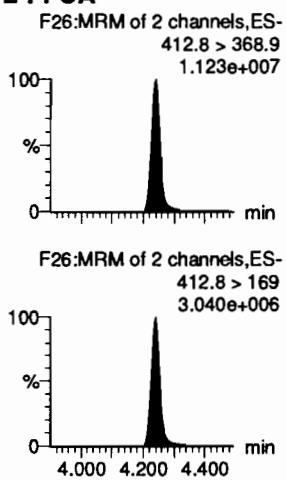
L-PFHxS



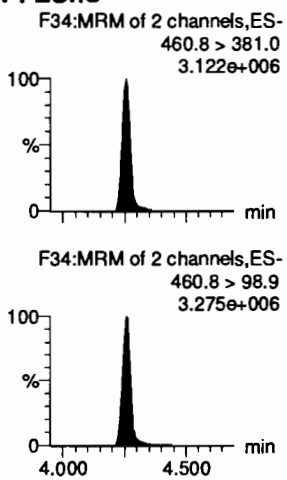
6:2 FTS



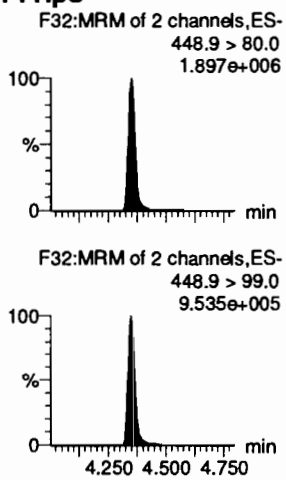
L-PFOA



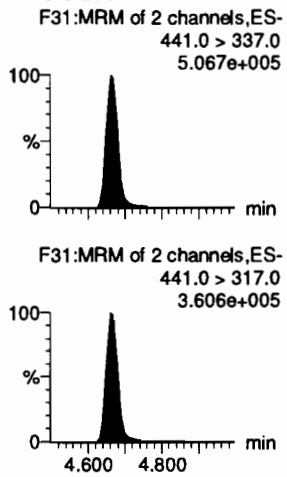
PFEChS



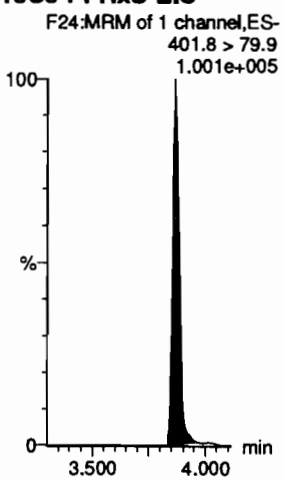
PFHpS



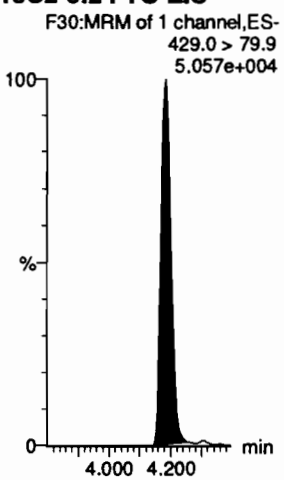
7:3 FTCA



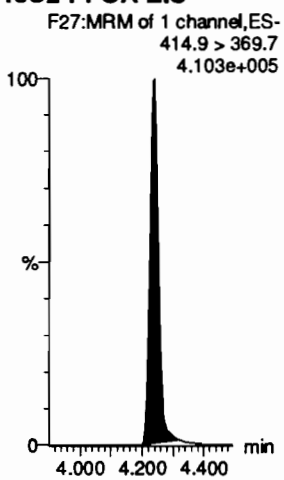
13C3-PFHxS-EIS



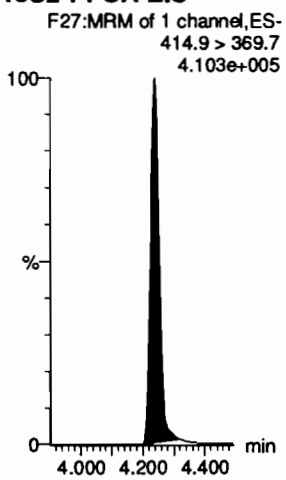
13C2-6:2 FTS-EIS



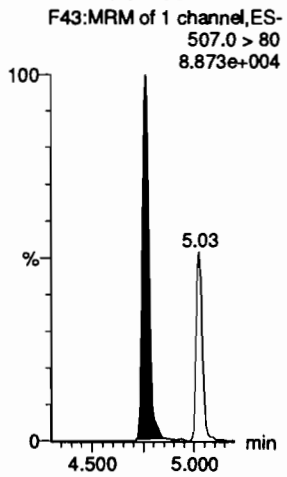
13C2-PFOA-EIS



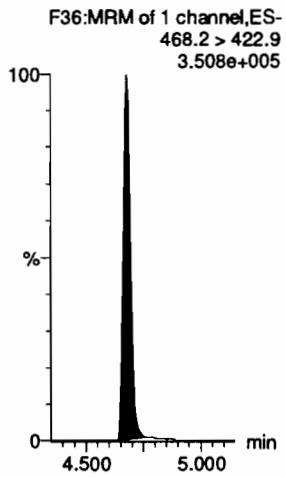
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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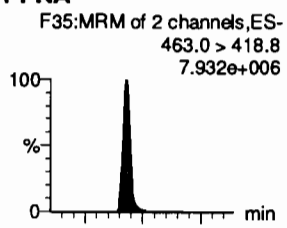
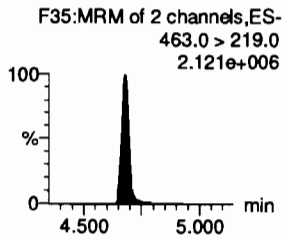
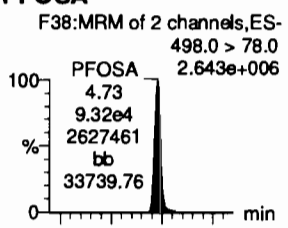
Name: 200708M1_11, Date: 08-Jul-2020, Time: 16:33:04, ID: ST200708M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

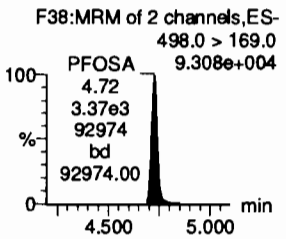
PFNA



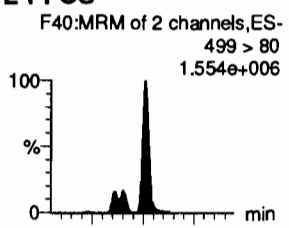


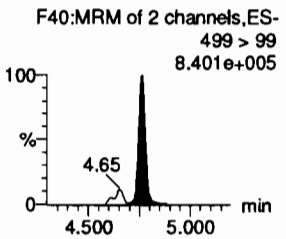
PFOSA



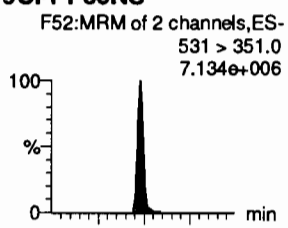


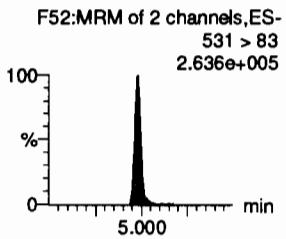
L-PFOS



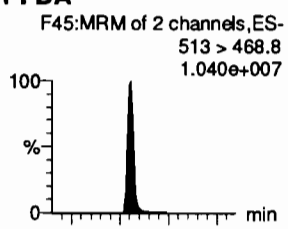


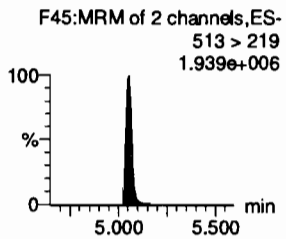
9Cl-PF30NS



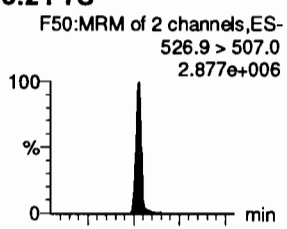


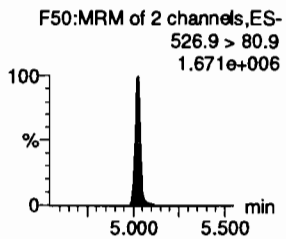
PFDA



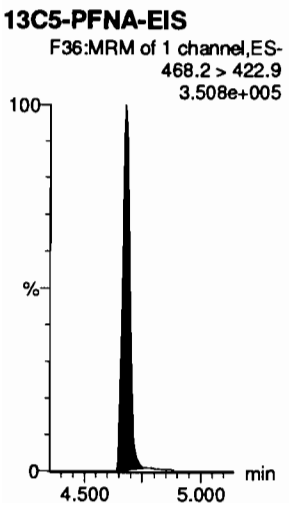


8:2 FTS

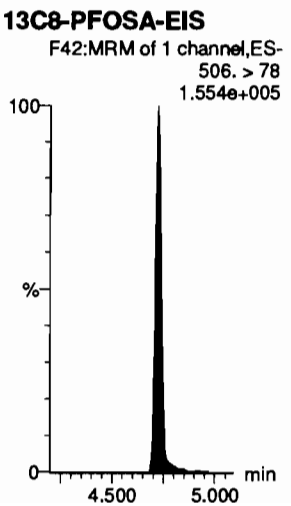




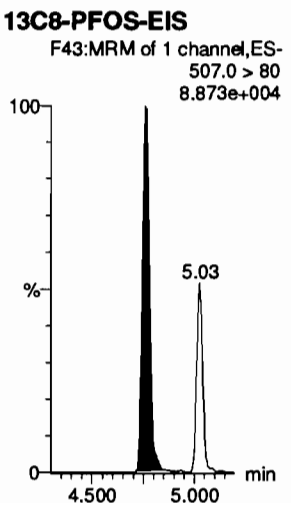
13C5-PFNA-EIS



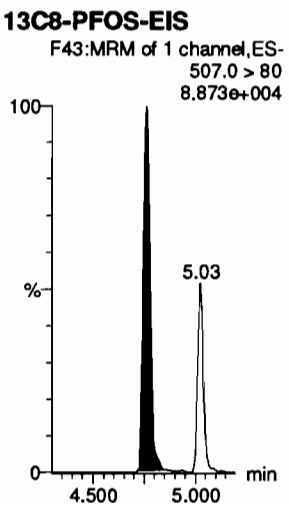
13C8-PFOSA-EIS



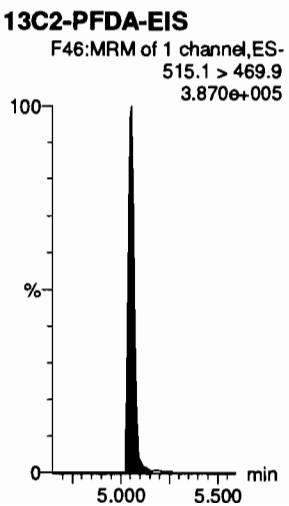
13C8-PFOS-EIS



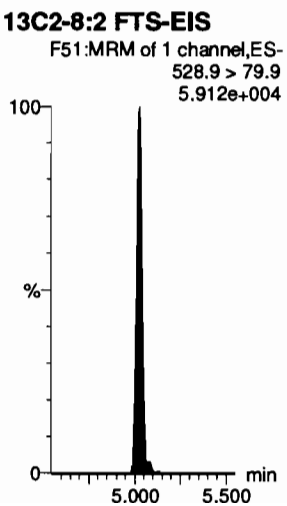
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS

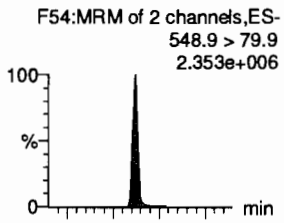


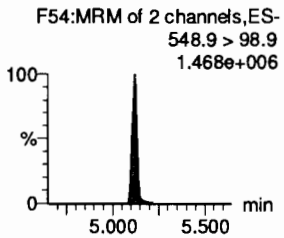
Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

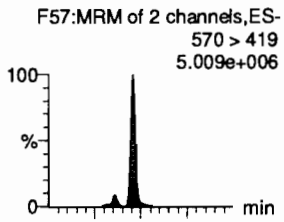
Name: 200708M1_11, Date: 08-Jul-2020, Time: 16:33:04, ID: ST200708M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

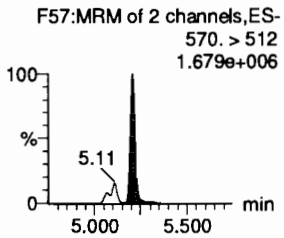
PFNS



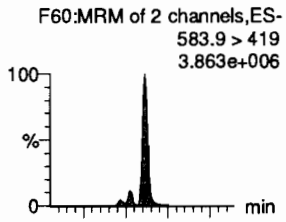


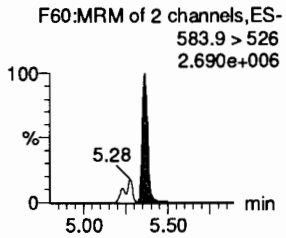
L-MeFOSAA



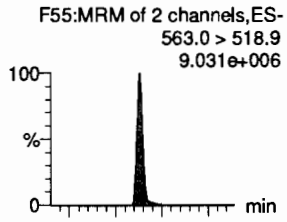


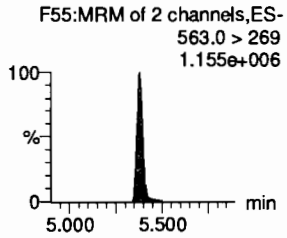
L-EtFOSAA



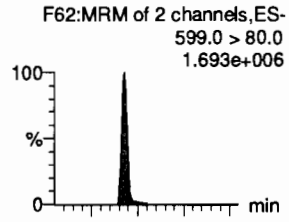


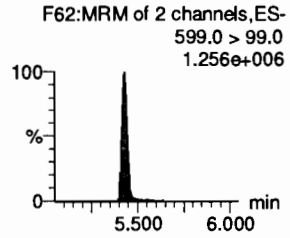
PFUdA



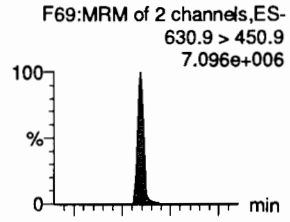


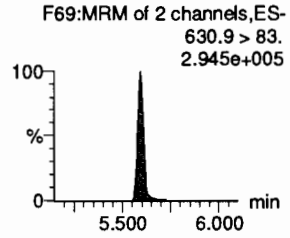
PFDS



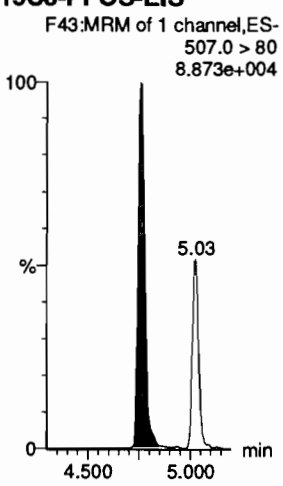


11Cl-PF30UdS

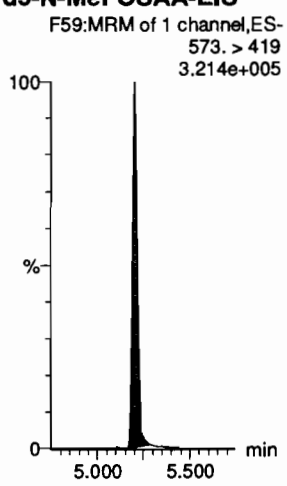




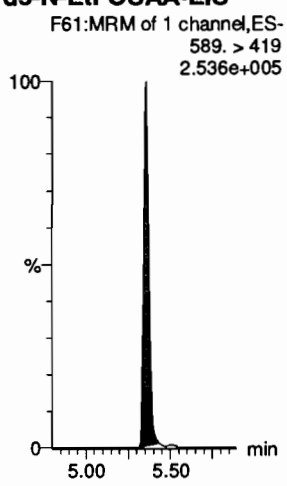
13C8-PFOS-EIS



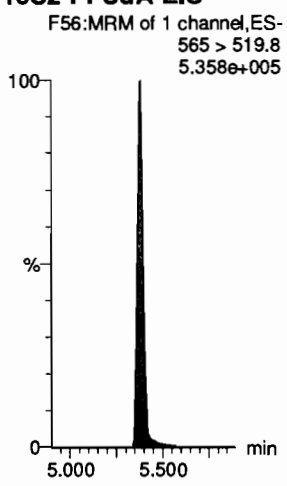
d3-N-MeFOSAA-EIS



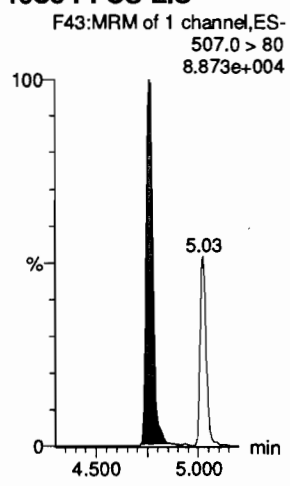
d5-N-EtFOSAA-EIS



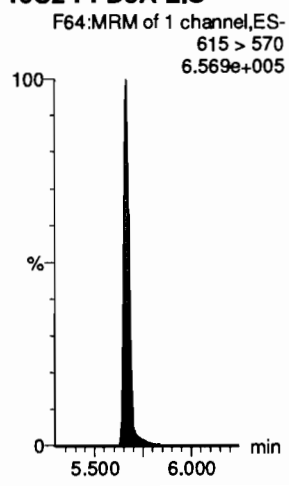
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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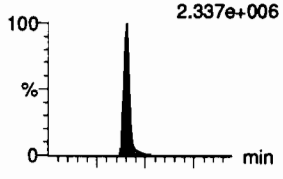
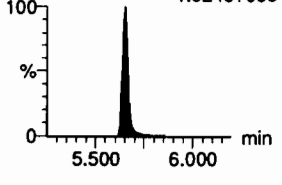
Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_11, Date: 08-Jul-2020, Time: 16:33:04, ID: ST200708M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

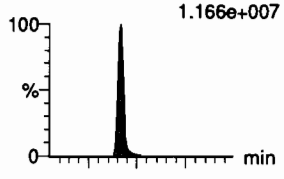
10:2 FTS
F67:MRM of 2 channels,ES-
626.9 > 607
2.337e+006



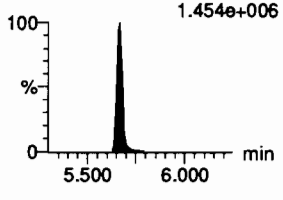
F67:MRM of 2 channels,ES-
626.9 > 81
1.524e+006



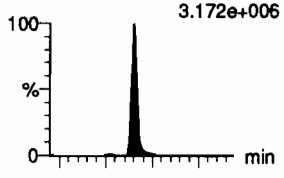
PFDoA
F63:MRM of 2 channels,ES-
612.9 > 569.0
1.166e+007



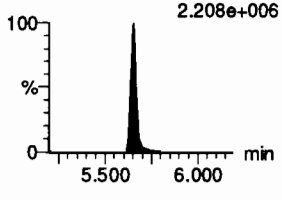
F63:MRM of 2 channels,ES-
612.9 > 318.8
1.454e+006



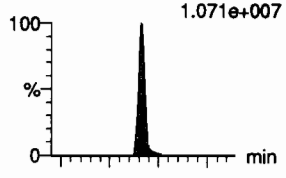
N-MeFOSA
F44:MRM of 2 channels,ES-
512.1 > 168.9
3.172e+006



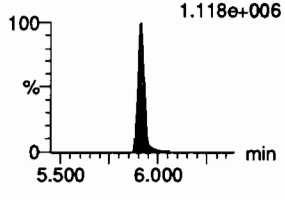
F44:MRM of 2 channels,ES-
512.1 > 219
2.208e+006



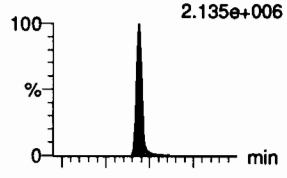
PFTrDA
F72:MRM of 2 channels,ES-
662.9 > 618.9
1.071e+007



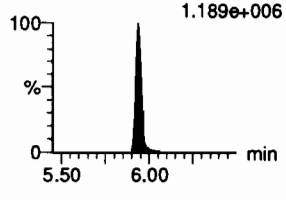
F72:MRM of 2 channels,ES-
662.9 > 319
1.118e+006



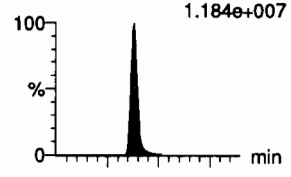
PFDoS
F73:MRM of 2 channels,ES-
698.9 > 80
2.135e+006



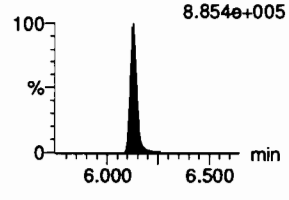
F73:MRM of 2 channels,ES-
698.9 > 99
1.189e+006



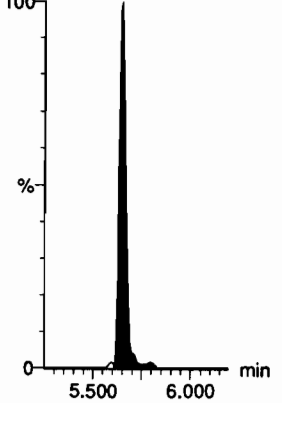
PFTeDA
F74:MRM of 2 channels,ES-
713.0 > 669.0
1.184e+007



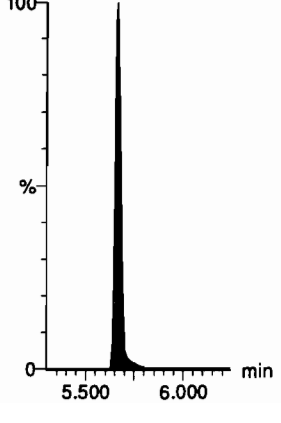
F74:MRM of 2 channels,ES-
713. > 369.0
8.854e+005



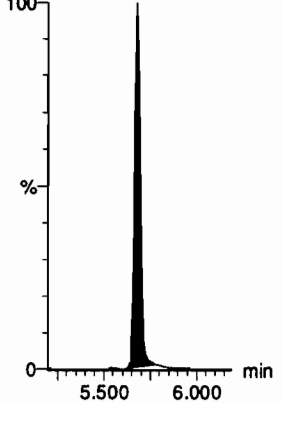
13C2-10:2 FTS-EIS
F70:MRM of 1 channel,ES-
633 > 79.9
2.759e+004



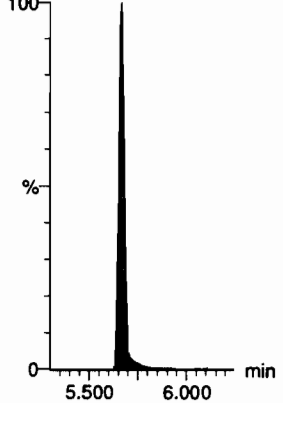
13C2-PFDoA-EIS
F64:MRM of 1 channel,ES-
615 > 570
6.569e+005



d3-N-MeFOSA-EIS
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.413e+005

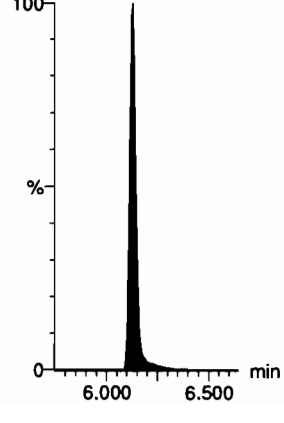


13C2-PFDoA-EIS
F64:MRM of 1 channel,ES-
615 > 570
6.569e+005



13C2-PFTeDA-EIS
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.100e+005

13C2-PFTeDA-EIS
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.100e+005



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Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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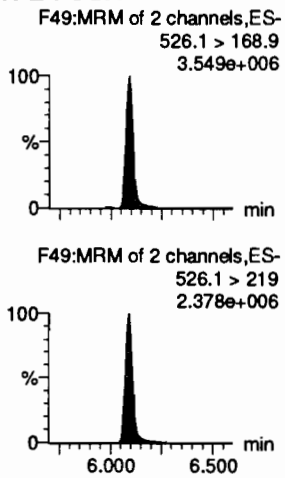
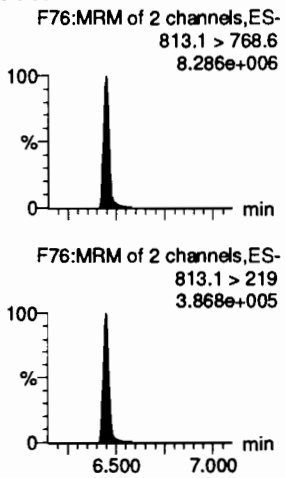
Name: 200708M1_11, Date: 08-Jul-2020, Time: 16:33:04, ID: ST200708M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

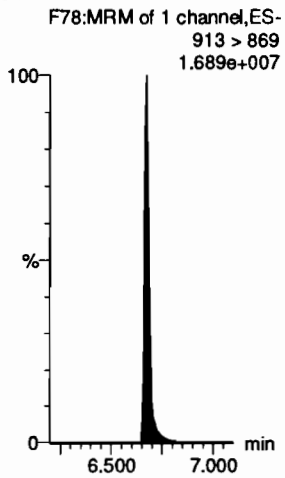
N-EtFOSA



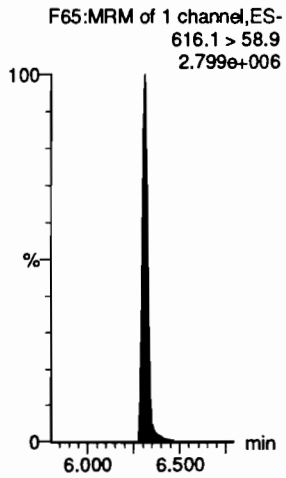
PFHxDA



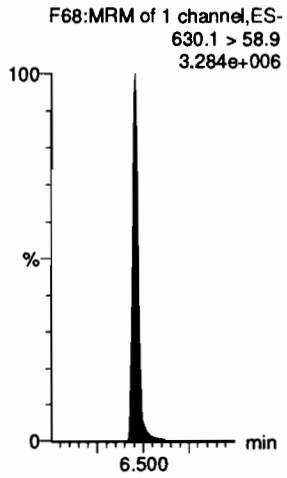
PFODA



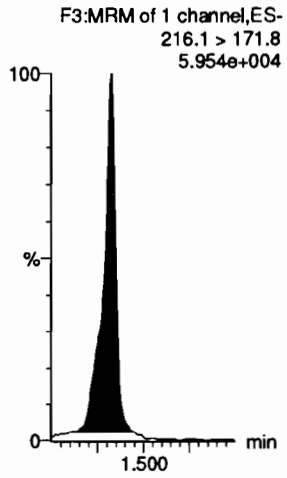
N-MeFOSE



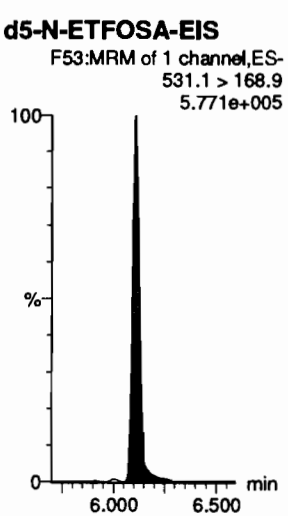
N-EtFOSE



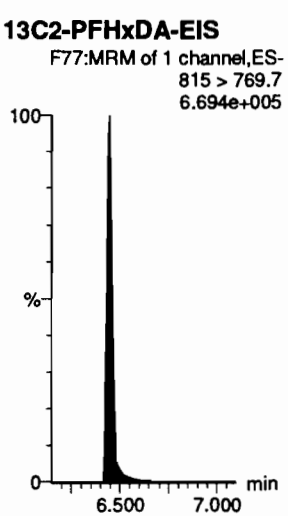
13C3-PFBA-RSD



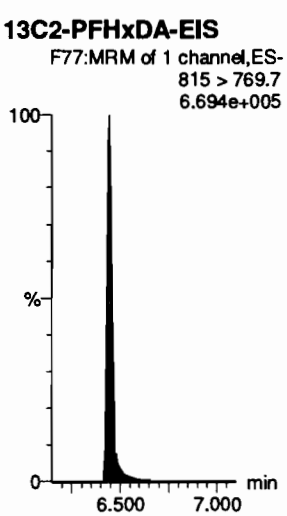
d5-N-ETFOSA-EIS



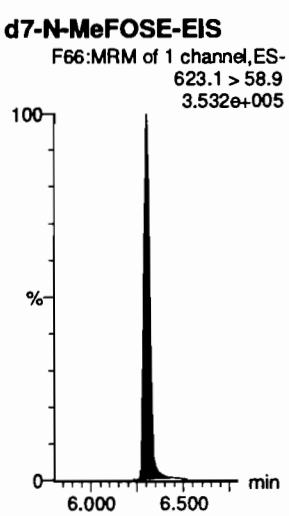
13C2-PFHxDA-EIS



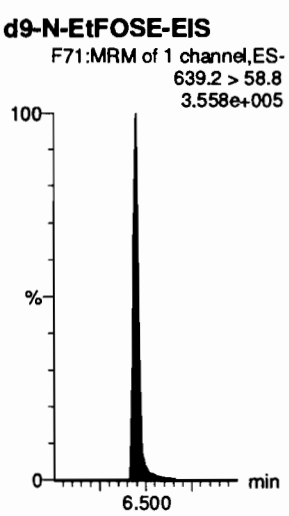
13C2-PFHxDA-EIS



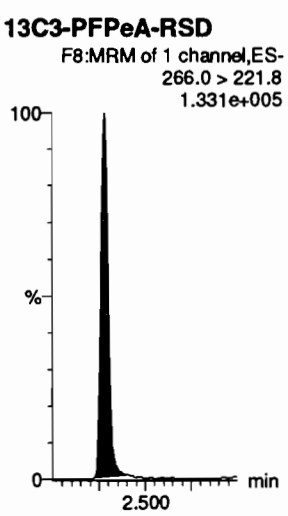
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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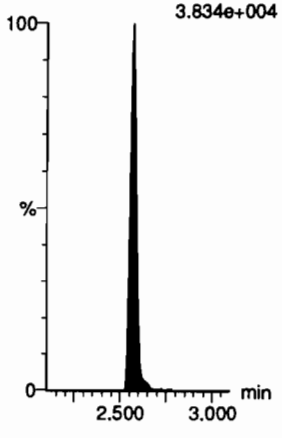
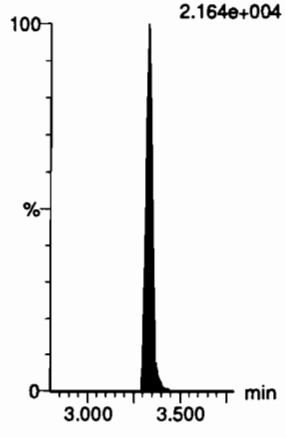
Name: 200708M1_11, Date: 08-Jul-2020, Time: 16:33:04, ID: ST200708M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

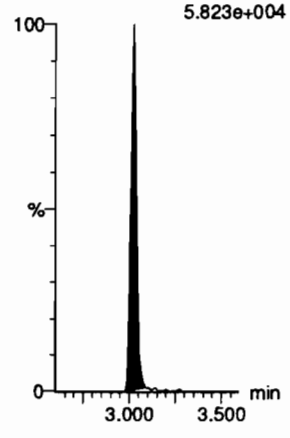
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.834e+004



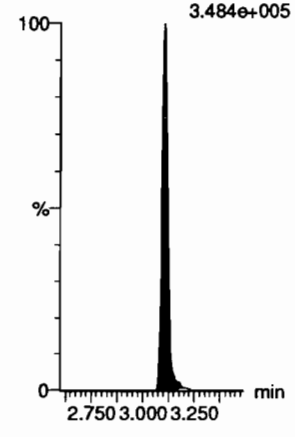
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.164e+004



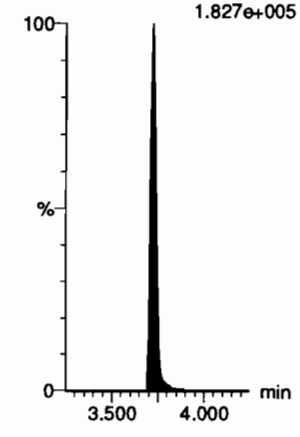
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
5.823e+004



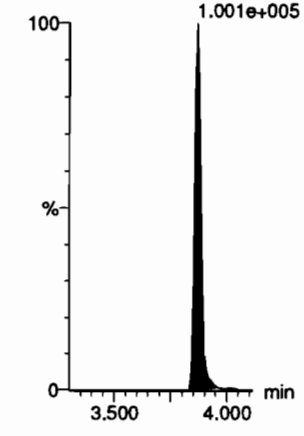
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.484e+005



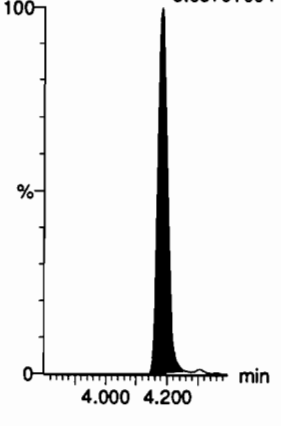
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.827e+005



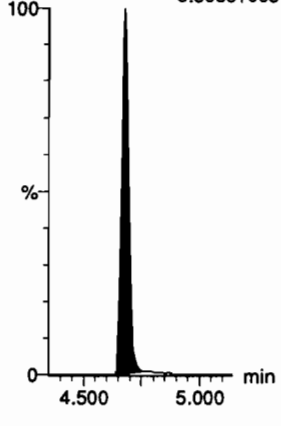
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.001e+005



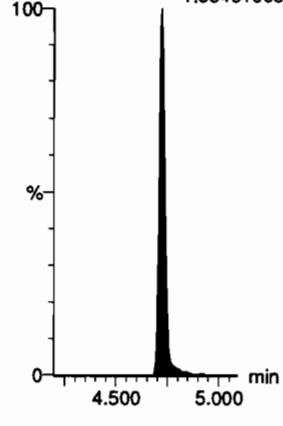
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.057e+004



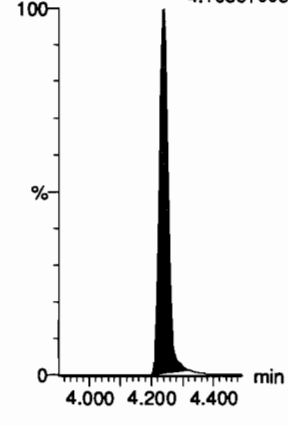
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.508e+005



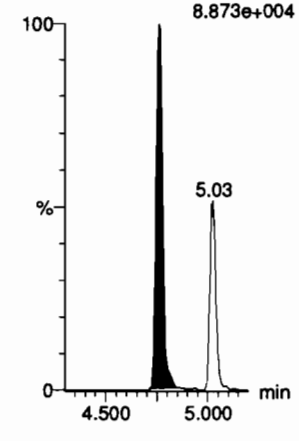
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.554e+005



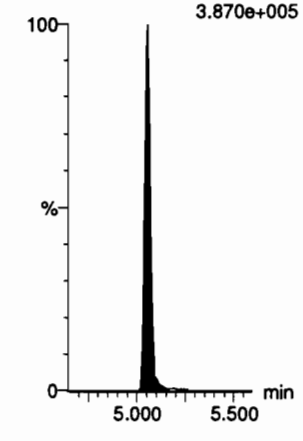
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.103e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
8.873e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.870e+005



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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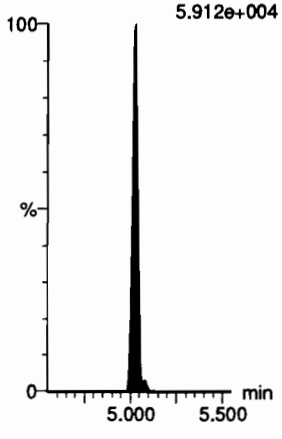
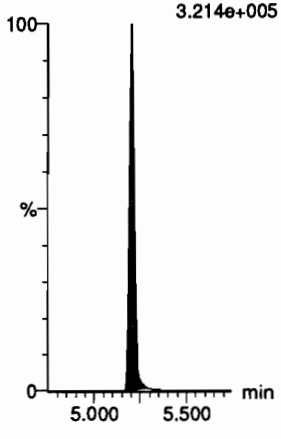
Name: 200708M1_11, Date: 08-Jul-2020, Time: 16:33:04, ID: ST200708M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

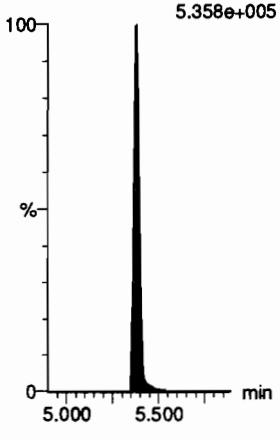
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
5.912e+004



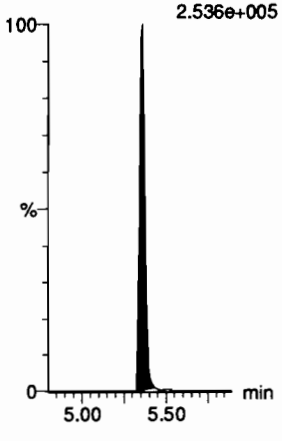
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.214e+005



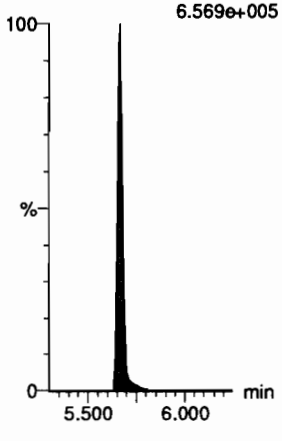
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.358e+005



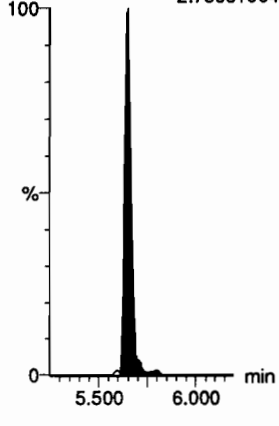
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.536e+005



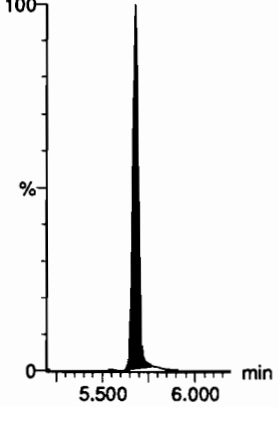
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
6.569e+005



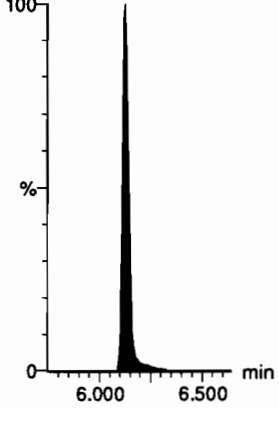
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
2.759e+004



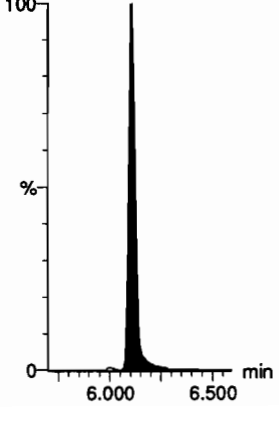
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.413e+005



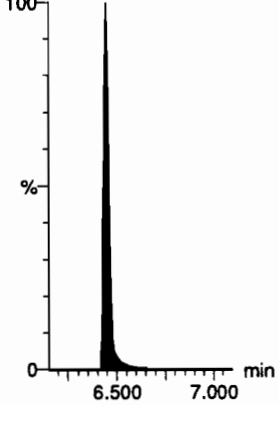
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.100e+005



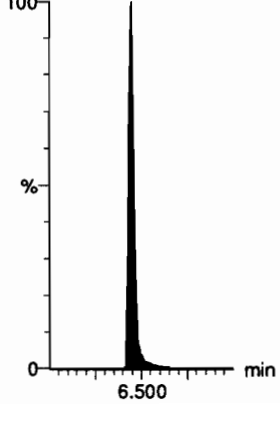
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.771e+005



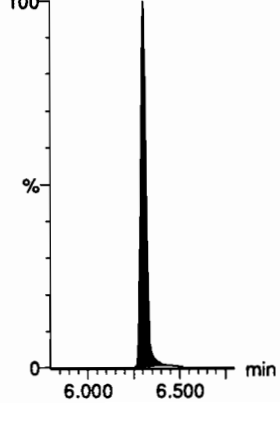
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.694e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.558e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.532e+005



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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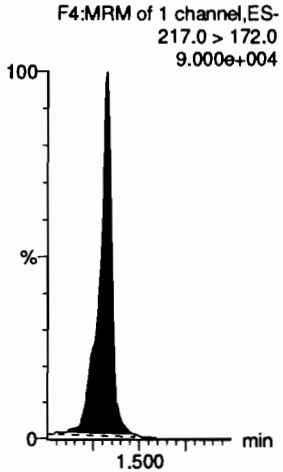
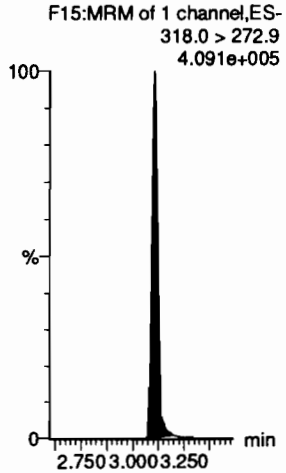
Name: 200708M1_11, Date: 08-Jul-2020, Time: 16:33:04, ID: ST200708M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

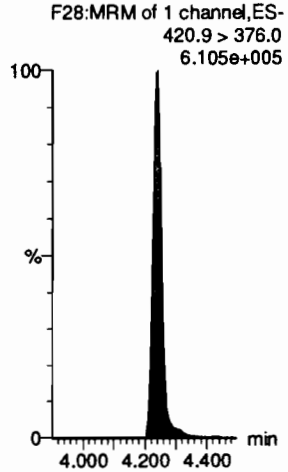
13C4-PFBA



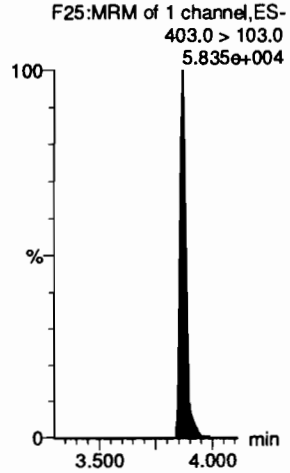
13C5-PFHxA



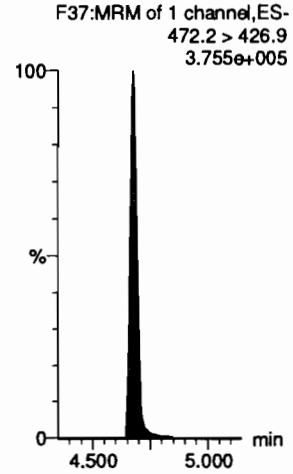
13C8-PFOA



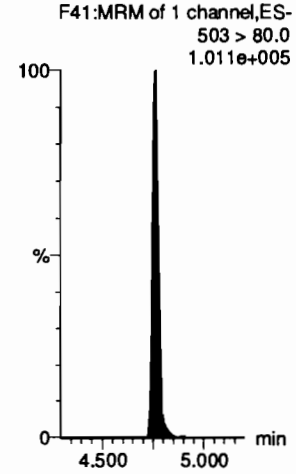
18O2-PFHxS



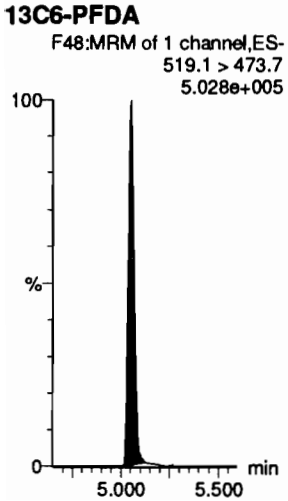
13C9-PFNA



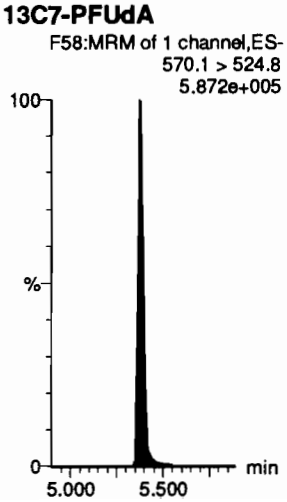
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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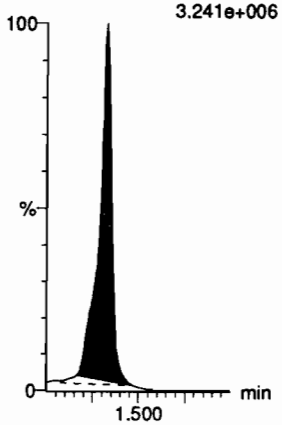
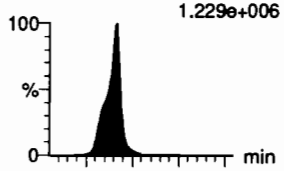
Name: 200708M1_12, Date: 08-Jul-2020, Time: 16:43:26, ID: ST200708M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

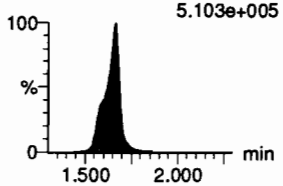
PFBA
F2:MRM of 1 channel,ES-
213.0 > 169.0
3.241e+006



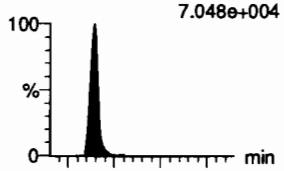
PFPrS
F6:MRM of 2 channels,ES-
248.9 > 79.9
1.229e+006



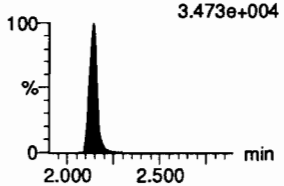
F6:MRM of 2 channels,ES-
248.9 > 98.9
5.103e+005



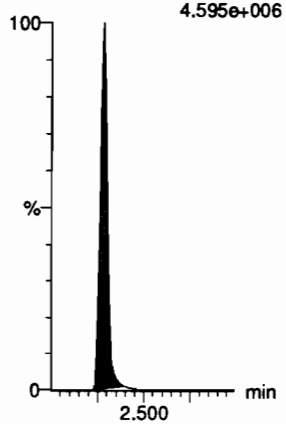
3:3 FTCA
F5:MRM of 2 channels,ES-
241.1 > 177.0
7.048e+004



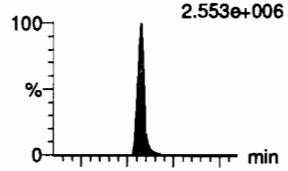
F5:MRM of 2 channels,ES-
241.1 > 117.0
3.473e+004



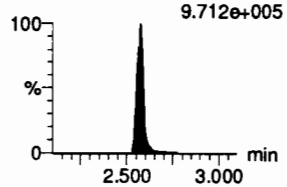
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
4.595e+006



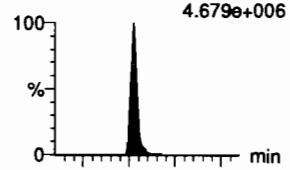
PFBS
F11:MRM of 2 channels,ES-
299.0 > 79.7
2.553e+006



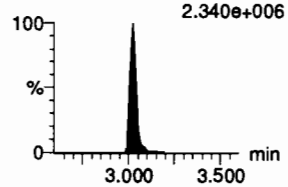
F11:MRM of 2 channels,ES-
299.0 > 99.0
9.712e+005



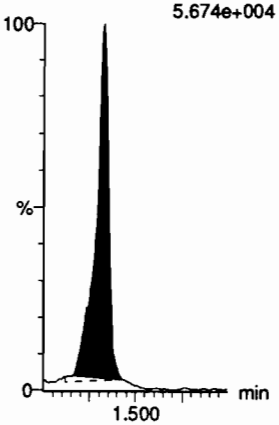
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 306.9
4.679e+006



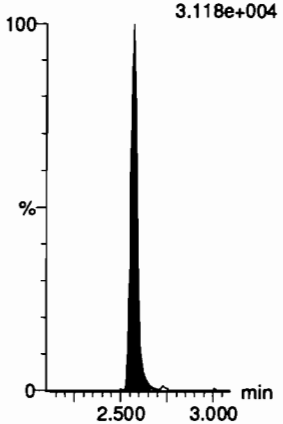
F16:MRM of 2 channels,ES-
327.0 > 80.9
2.340e+006



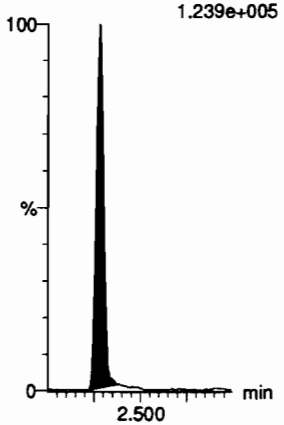
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
5.674e+004



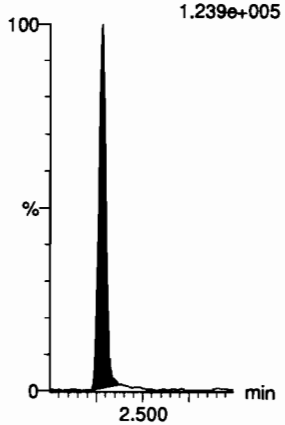
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.118e+004



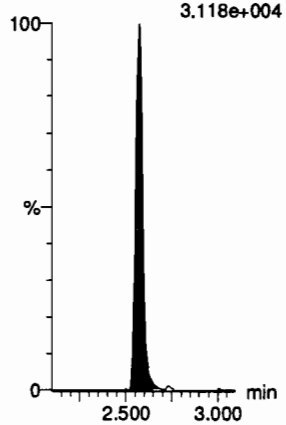
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.239e+005



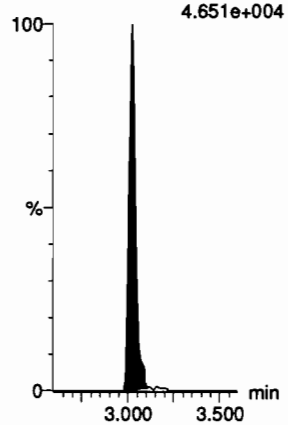
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.239e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.118e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.9
4.651e+004



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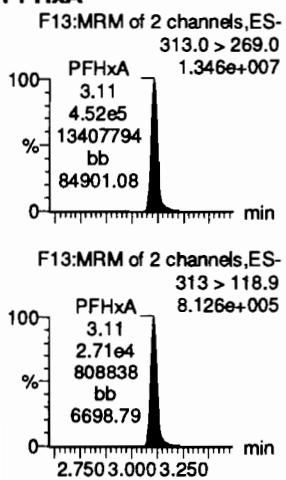
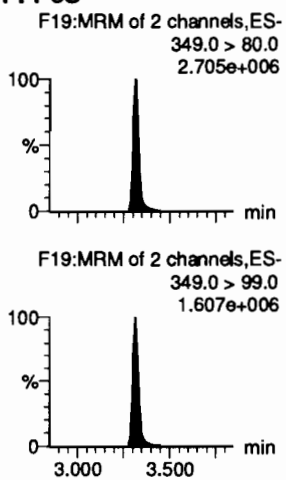
Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
Printed: Thursday, July 09, 2020 09:22:45 Pacific Daylight Time

Name: 200708M1_12, Date: 08-Jul-2020, Time: 16:43:26, ID: ST200708M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

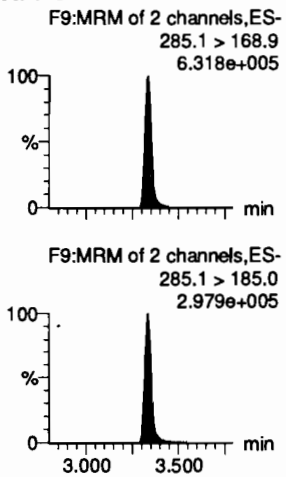
PFHxA



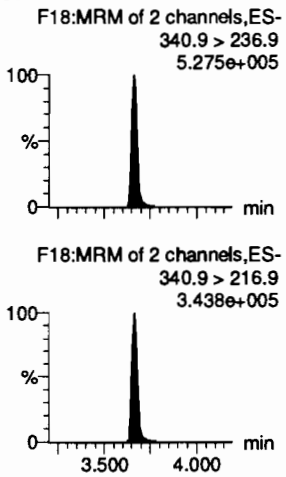
PFPeS



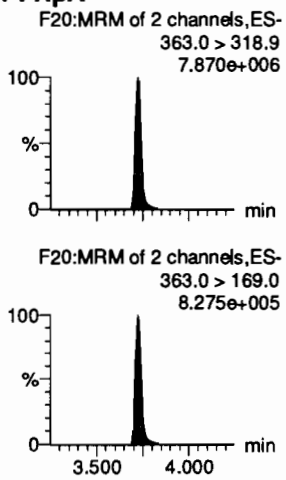
HFPO-DA



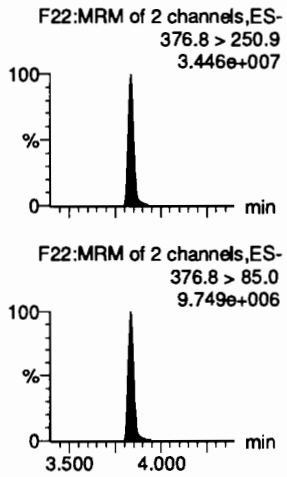
5:3 FTCA



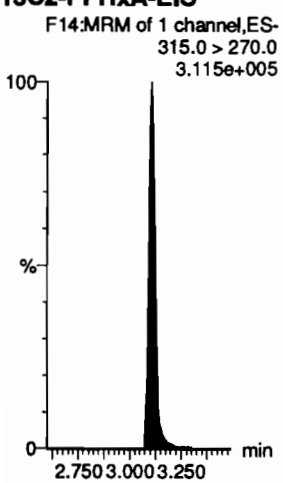
PFHpA



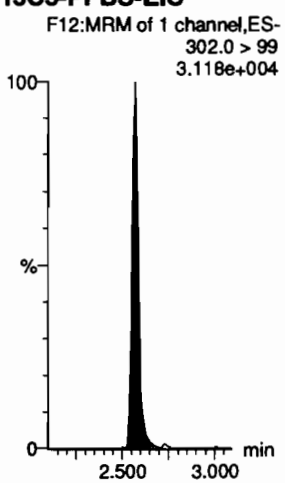
ADONA



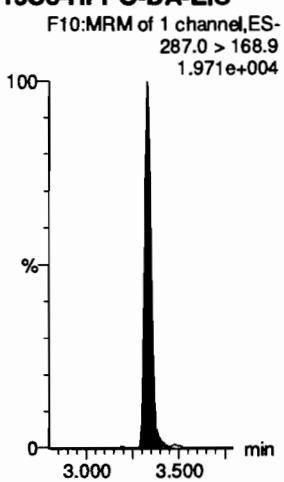
13C2-PFHxA-EIS



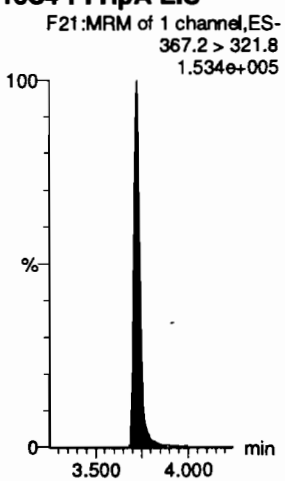
13C3-PFBS-EIS



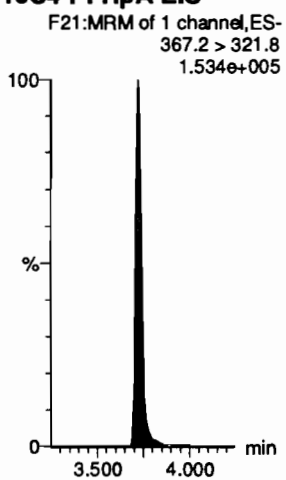
13C3-HFPO-DA-EIS



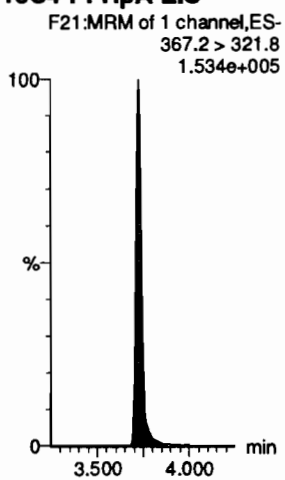
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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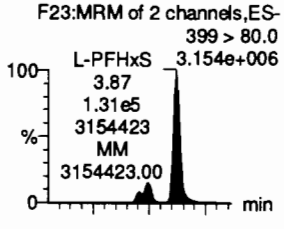
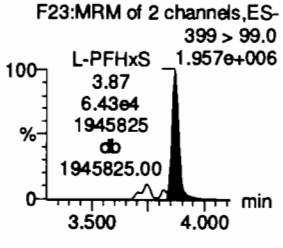
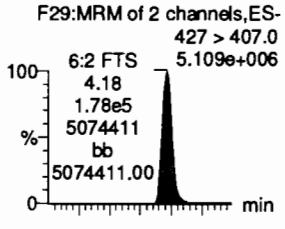
Name: 200708M1_12, Date: 08-Jul-2020, Time: 16:43:26, ID: ST200708M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

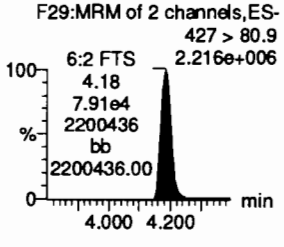
L-PFHxS



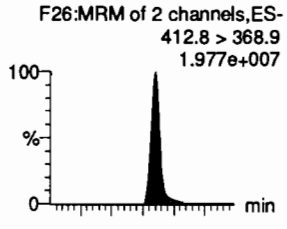


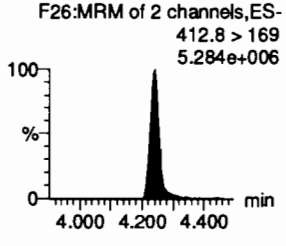
6:2 FTS



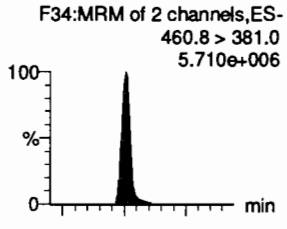


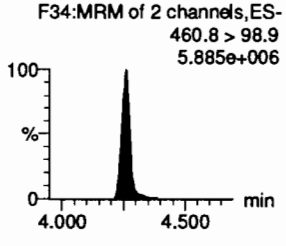
L-PFOA



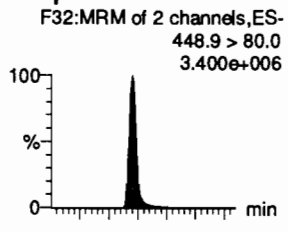


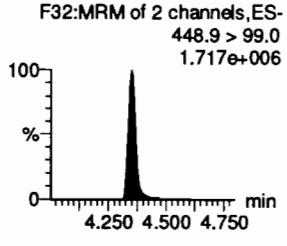
PFEChS



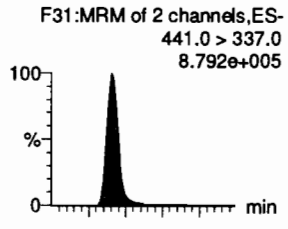


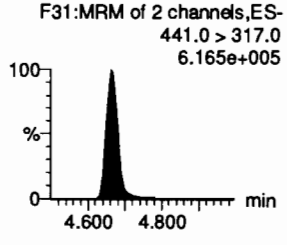
PFHpS



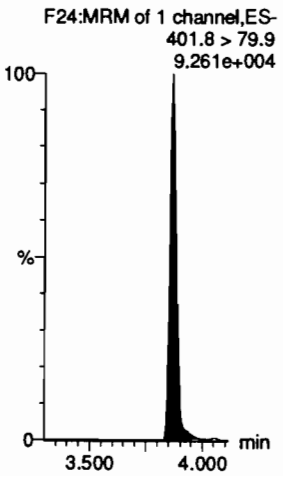


7:3 FTCA

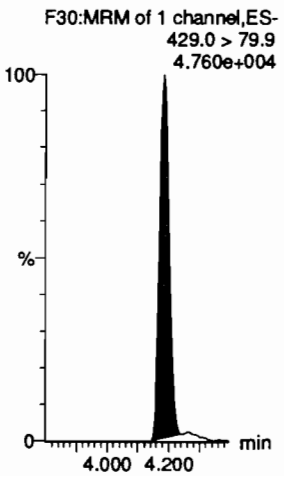




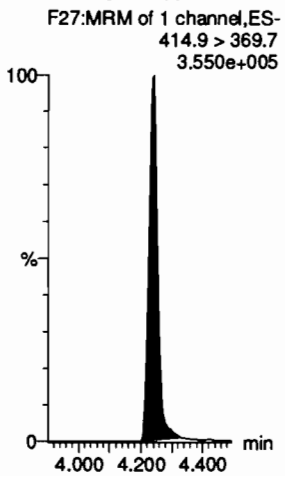
13C3-PFHxS-EIS



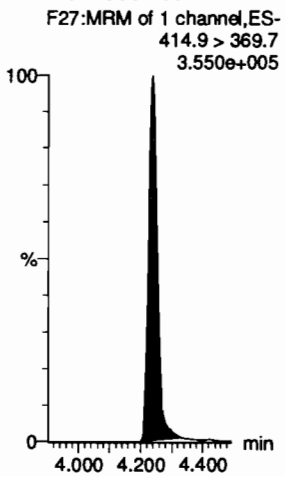
13C2-6:2 FTS-EIS



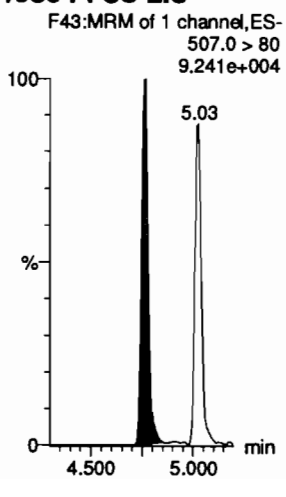
13C2-PFOA-EIS



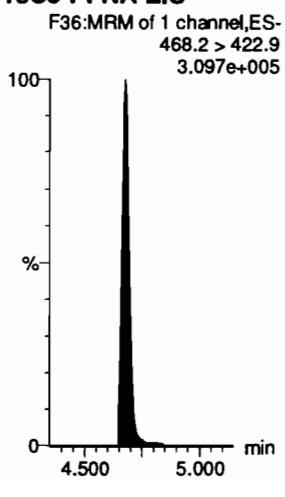
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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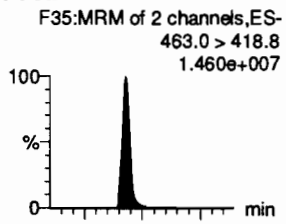
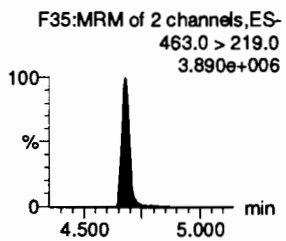
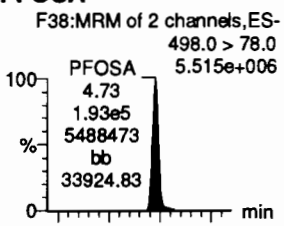
Name: 200708M1_12, Date: 08-Jul-2020, Time: 16:43:26, ID: ST200708M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

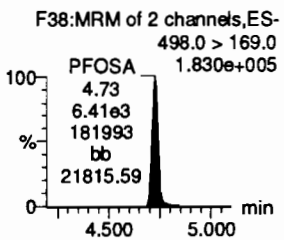
PFNA



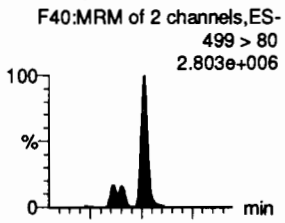


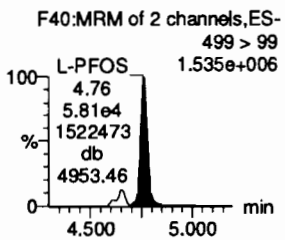
PFOSA



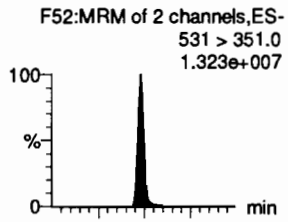


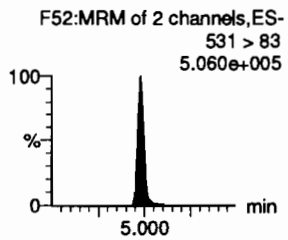
L-PFOS



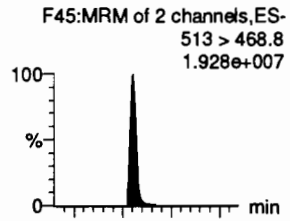


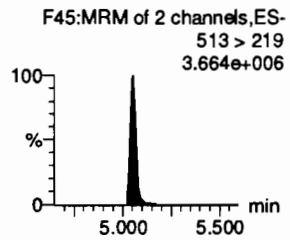
9Cl-PF30NS



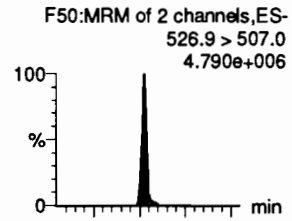


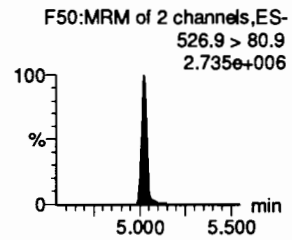
PFDA



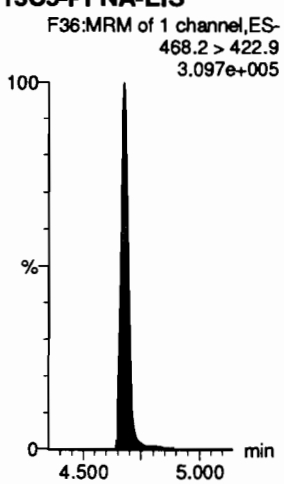


8:2 FTS

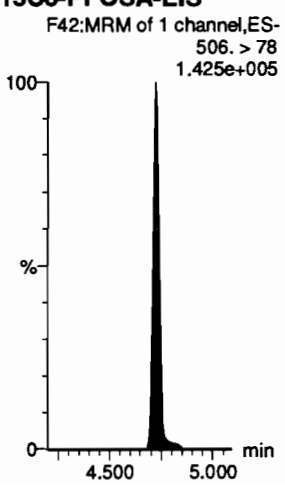




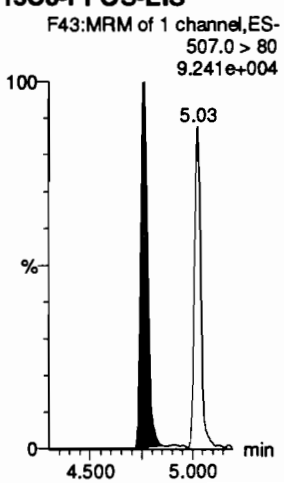
13C5-PFNA-EIS



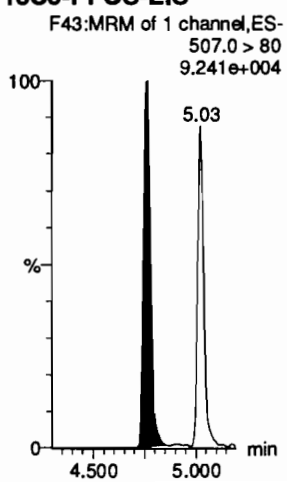
13C8-PFOSA-EIS



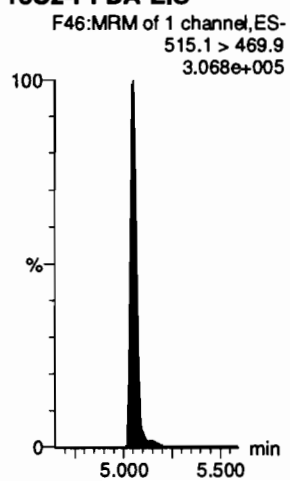
13C8-PFOS-EIS



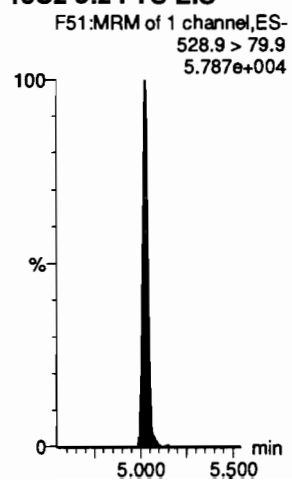
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

Last Altered: Thursday, July 09, 2020 09:22:23 Pacific Daylight Time
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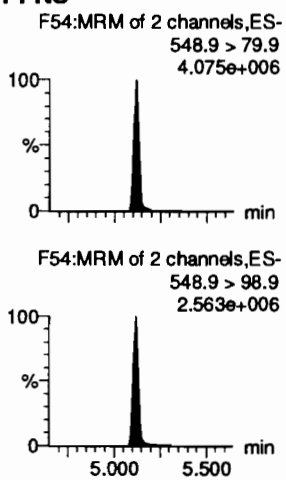
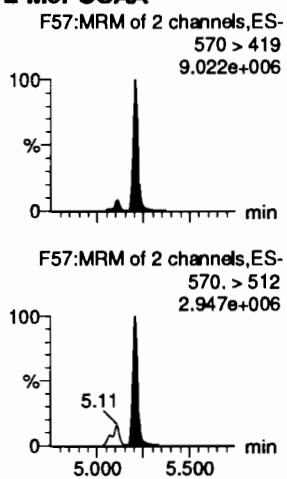
Name: 200708M1_12, Date: 08-Jul-2020, Time: 16:43:26, ID: ST200708M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

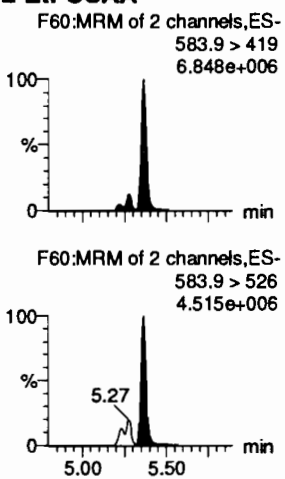
PFNS



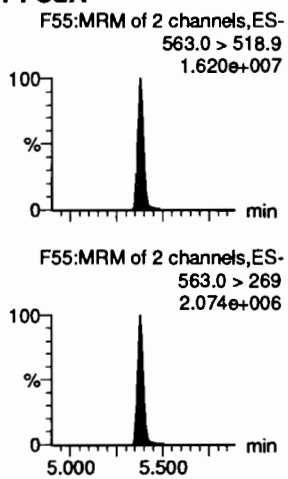
L-MeFOSAA



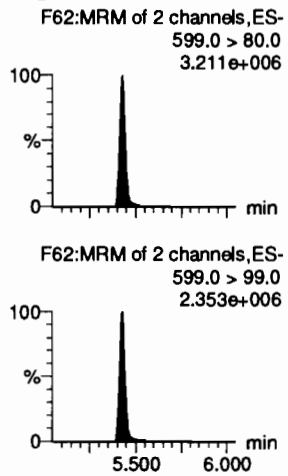
L-EtFOSAA



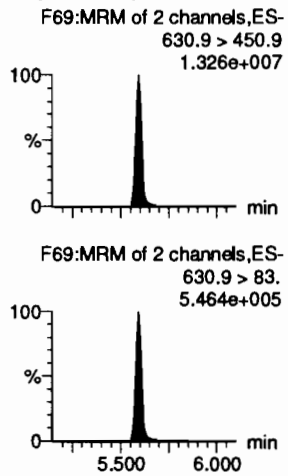
PFUdA



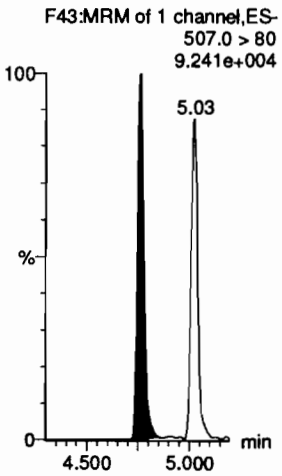
PFDS



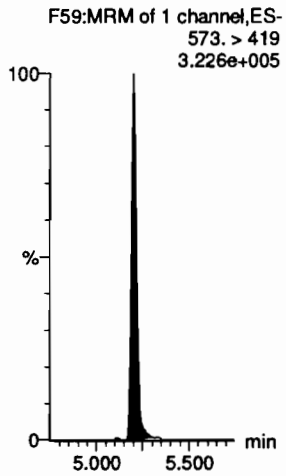
11Cl-PF30UdS



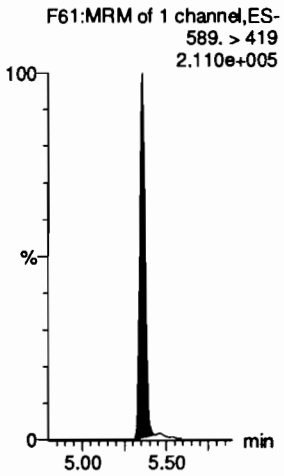
13C8-PFOS-EIS



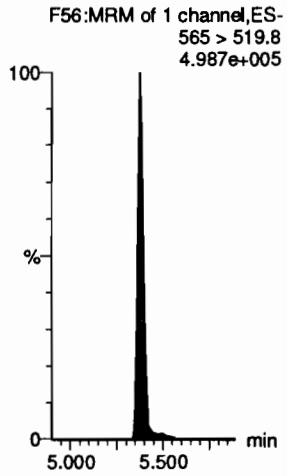
d3-N-MeFOSAA-EIS



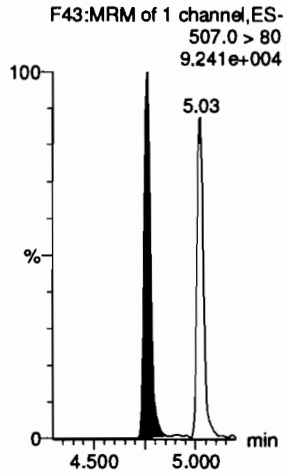
d5-N-EtFOSAA-EIS



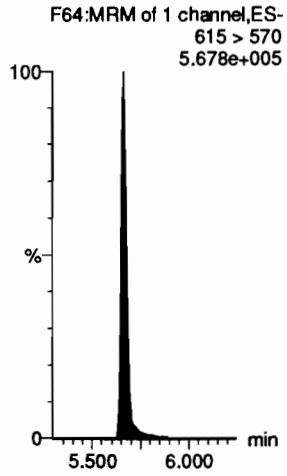
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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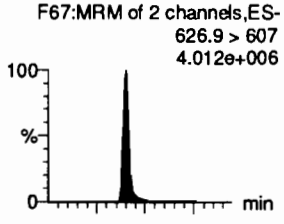
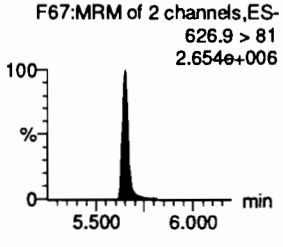
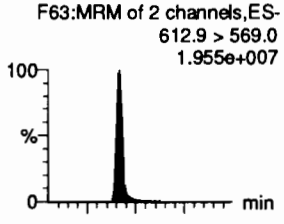
Name: 200708M1_12, Date: 08-Jul-2020, Time: 16:43:26, ID: ST200708M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

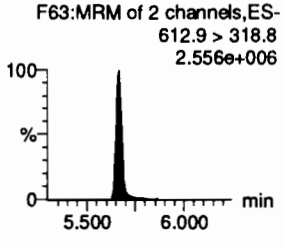
10:2 FTS



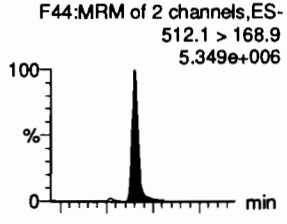


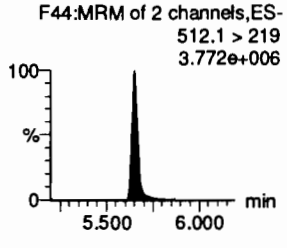
PFDoA



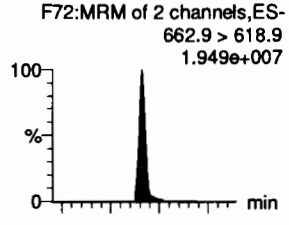


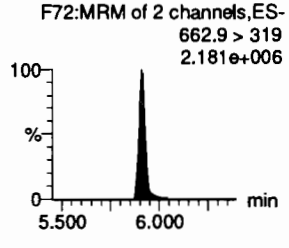
N-MeFOSA



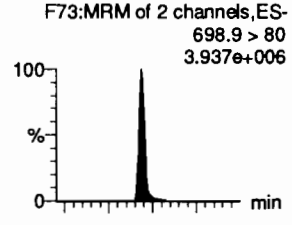


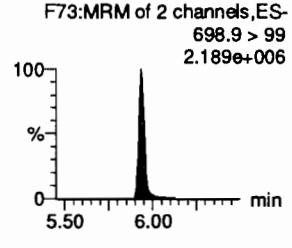
PFTrDA



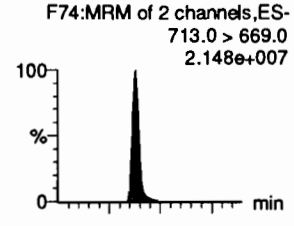


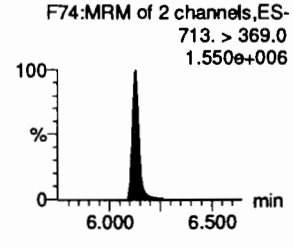
PFDoS



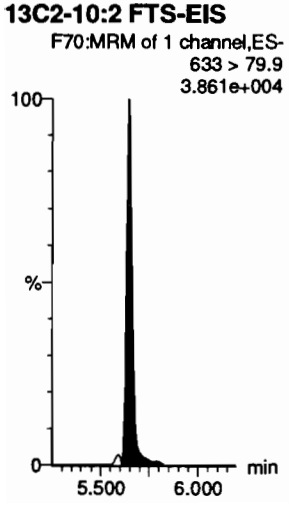


PFTeDA

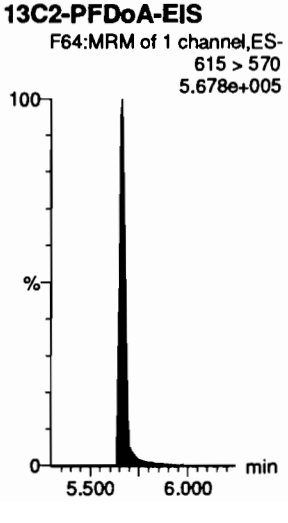




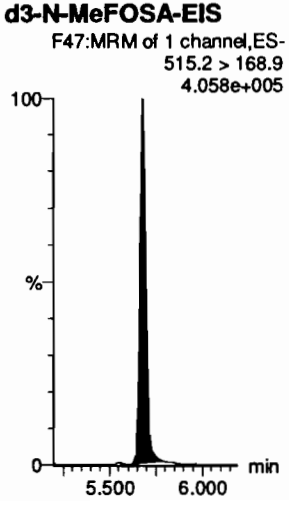
13C2-10:2 FTS-EIS



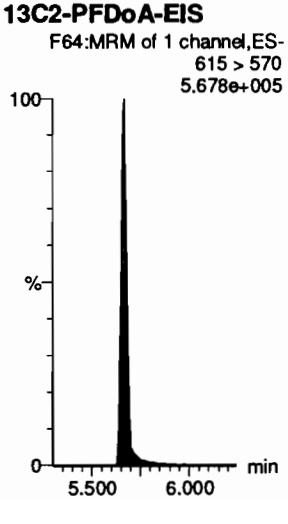
13C2-PFDoA-EIS



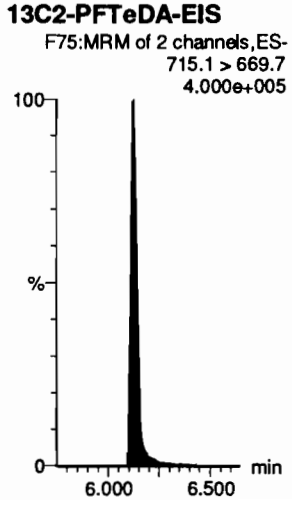
d3-N-MeFOSA-EIS



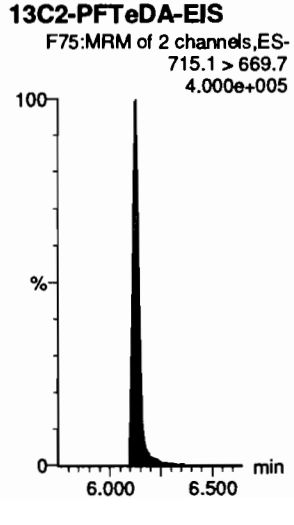
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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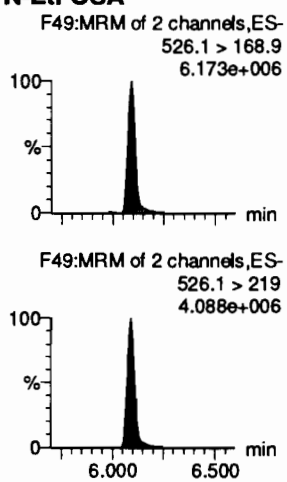
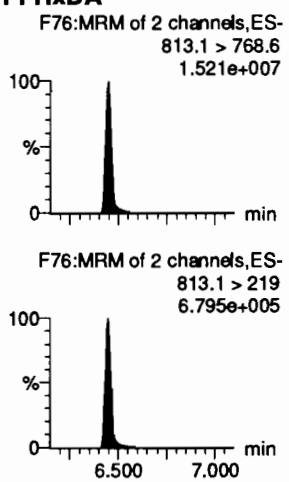
Name: 200708M1_12, Date: 08-Jul-2020, Time: 16:43:26, ID: ST200708M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

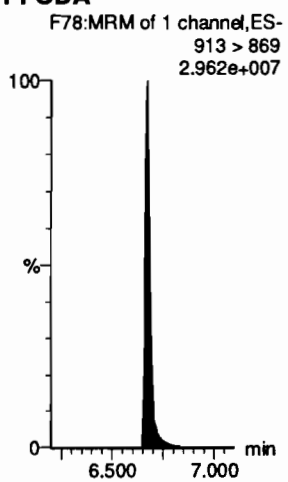
N-EtFOSA



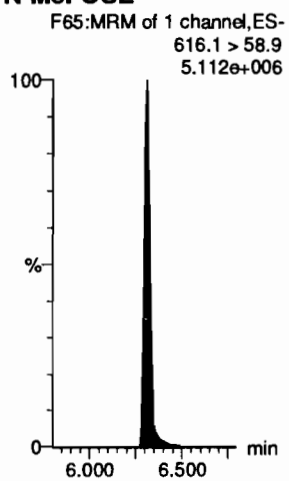
PFHxDA



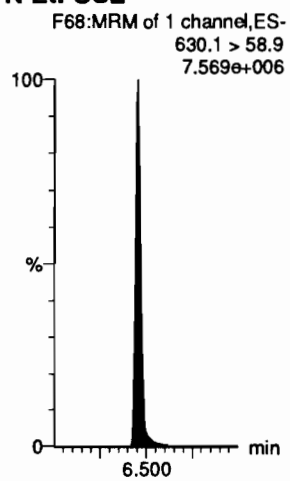
PFODA



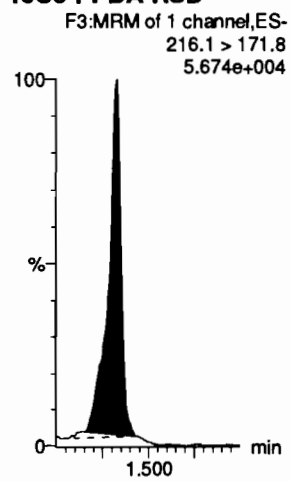
N-MeFOSE



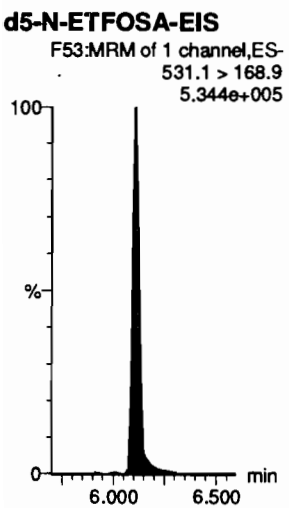
N-EtFOSE



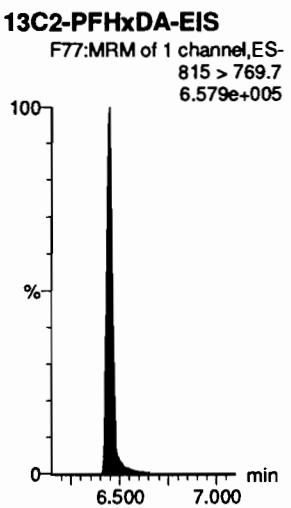
13C3-PFBA-RSD



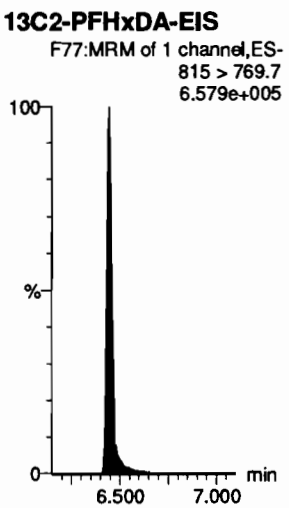
d5-N-ETFOSA-EIS



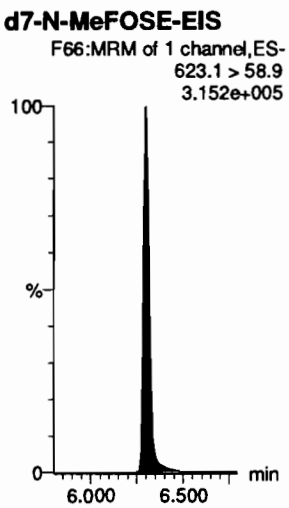
13C2-PFHxDA-EIS



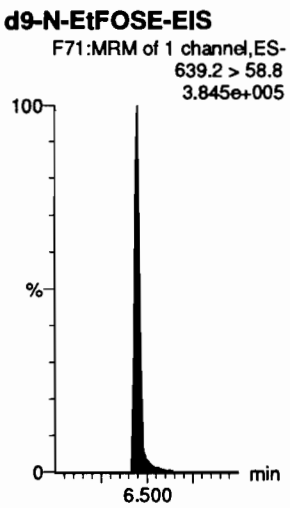
13C2-PFHxDA-EIS



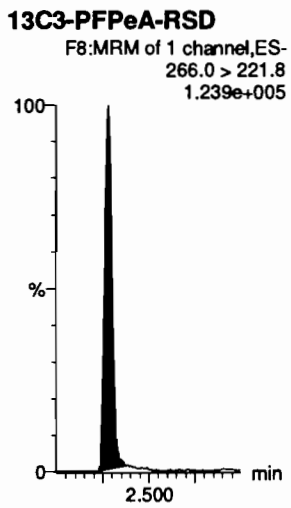
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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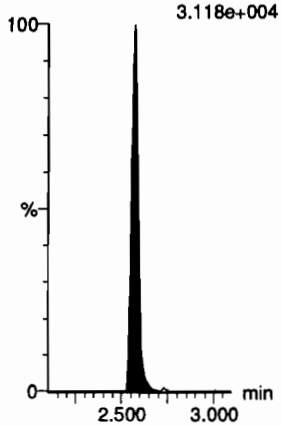
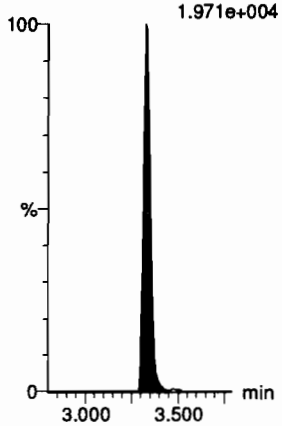
Name: 200708M1_12, Date: 08-Jul-2020, Time: 16:43:26, ID: ST200708M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

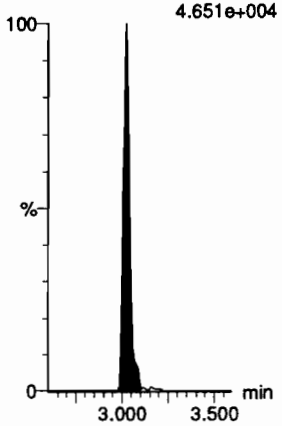
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.118e+004



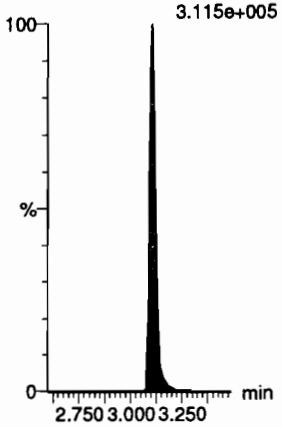
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
1.971e+004



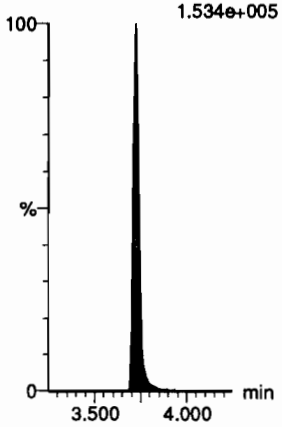
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
4.651e+004



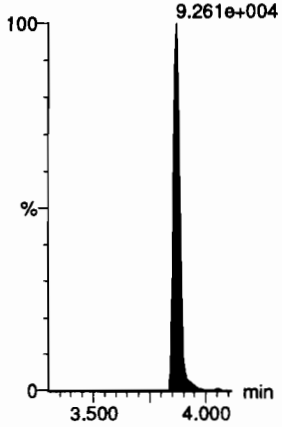
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.115e+005



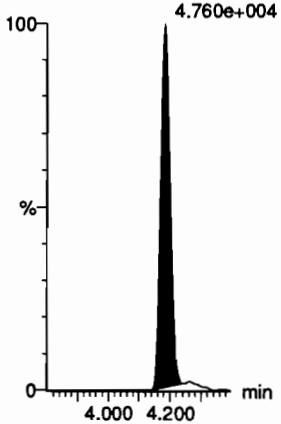
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.534e+005



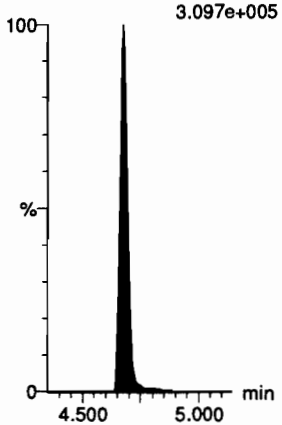
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.261e+004



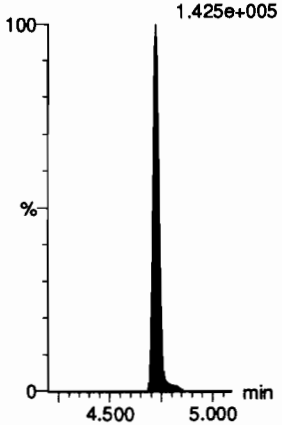
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
4.760e+004



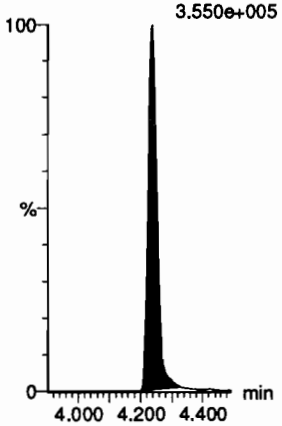
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.097e+005



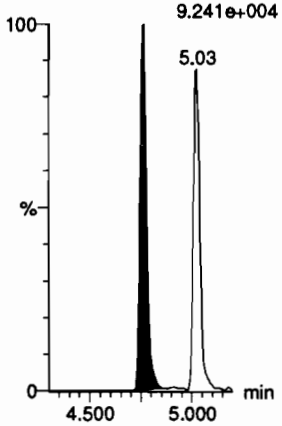
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.425e+005



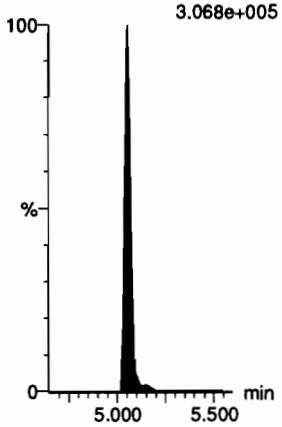
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.550e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
9.241e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.068e+005



Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-CRV.qld

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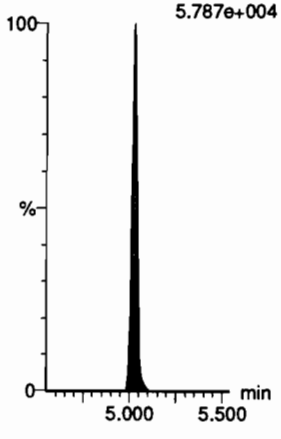
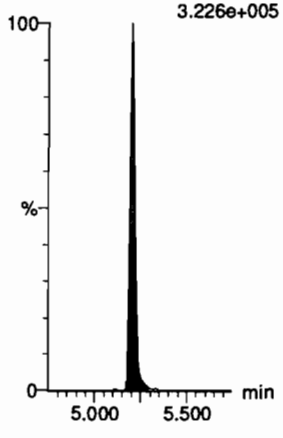
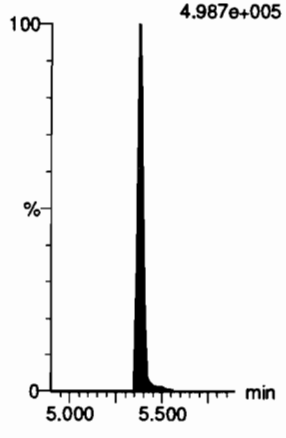
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
5.787e+004



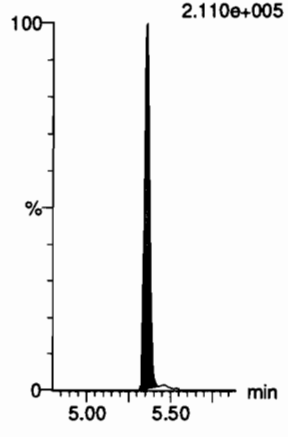
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.226e+005



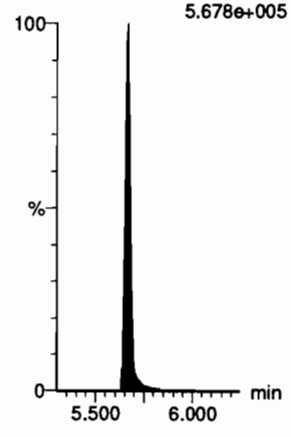
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
4.987e+005



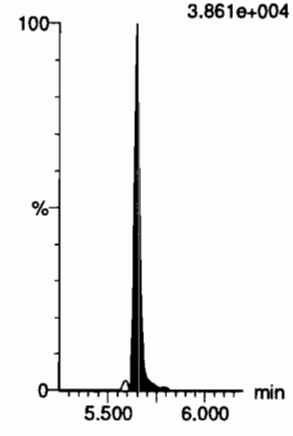
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.110e+005



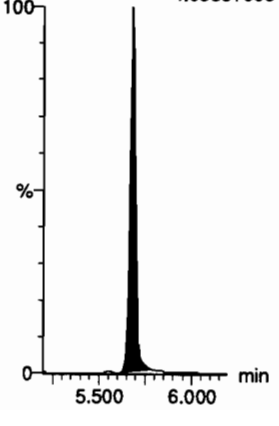
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.678e+005



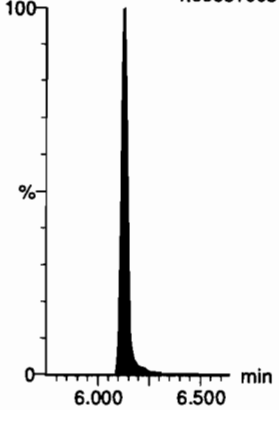
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
3.861e+004



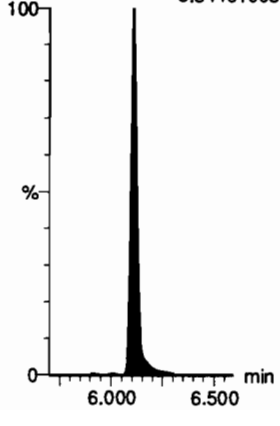
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.058e+005



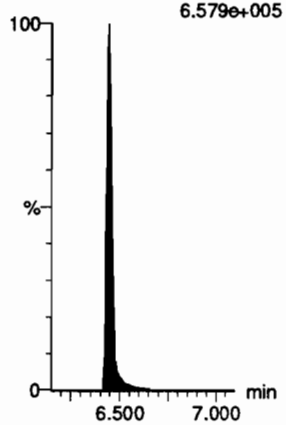
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.000e+005



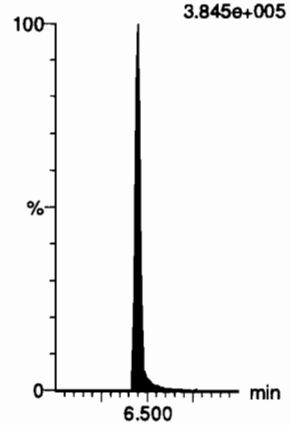
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.344e+005



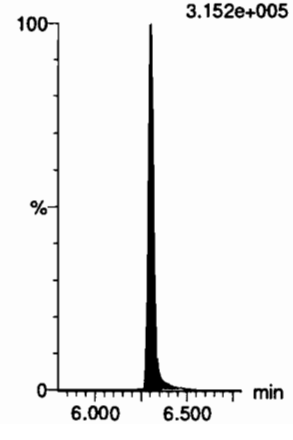
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.579e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.845e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.152e+005



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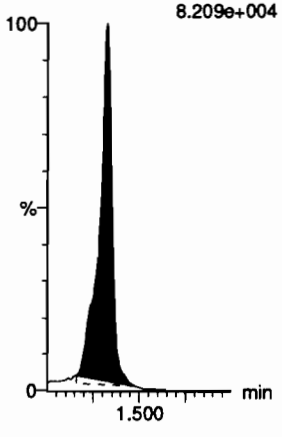
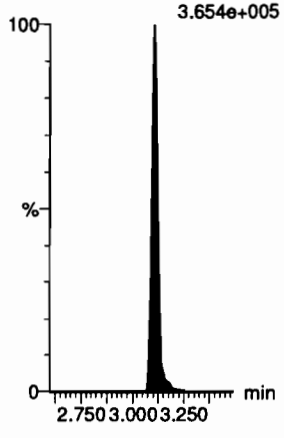
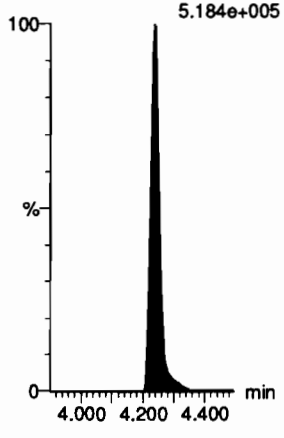
13C4-PFBA



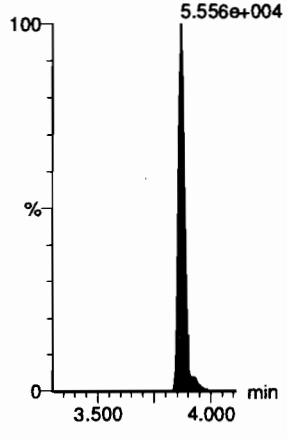
13C5-PFHxA



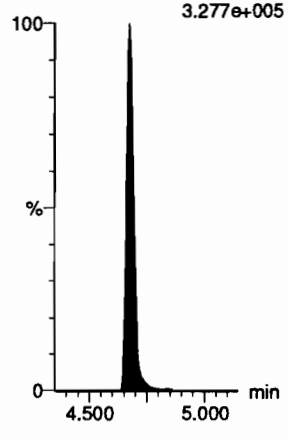
13C8-PFOA



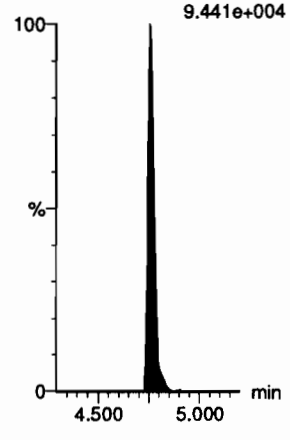
18O2-PFHxS



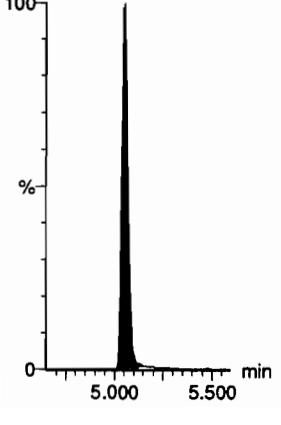
13C9-PFNA



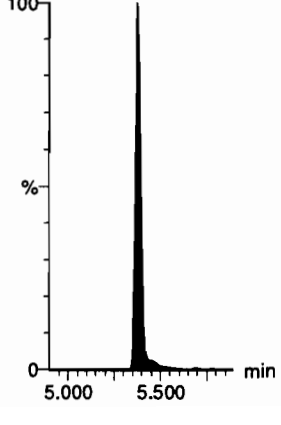
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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④ Not in ICV

Name: 200708M1_14, Date: 08-Jul-2020, Time: 17:04:11, ID: ICV200708M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

√ JPV 07/09/20

1 PFBA	213.0 > 169.0	4636.482	4211.394	1.00	1.33	13.762	10.000	9.70	97.0	NO		
2 PFPrS	248.9 > 79.9		1535.365	1.00			10.000		④	NO		
3 3:3 FTCA	241.1 > 177.0		6382.104	1.00			10.000		↓	NO		
4 PFPeA	263.1 > 218.9	4722.312	6382.104	1.00	2.28	9.249	10.000	9.59	95.9	NO		
5 PFBS	299.0 > 79.7	2128.019	1535.365	1.00	2.57	17.325	8.840	8.87	100.3	NO	2.511	NO
6 4:2 FTS	327.0 > 306.9	5390.404	2457.539	1.00	3.02	27.418	9.360	10.2	109.3	NO	1.953	NO
47 13C3-PFBA-EIS	216.1 > 171.8	4211.394		1.00	1.33	4211.394	12.500	12.7	102.0	NO		
51 13C3-PFBS-EIS	302.0 > 99	1535.365		1.00	2.57	1535.365	12.500	12.2	97.6	NO		
49 13C3-PFPeA-EIS	266.0 > 221.8	6382.104		1.00	2.28	6382.104	12.500	13.0	104.4	NO		
49 13C3-PFPeA-EIS	266.0 > 221.8	6382.104		1.00	2.28	6382.104	12.500	13.0	104.4	NO		
51 13C3-PFBS-EIS	302.0 > 99	1535.365		1.00	2.57	1535.365	12.500	12.2	97.6	NO		
55 13C2-4:2 FTS-EIS	329.0 >79.9	2457.539		1.00	3.02	2457.539	12.500	11.8	94.1	NO		
-1												
7 PFHxA	313.0 > 269.0	11016.274	12383.588	1.00	3.11	11.120	10.000	9.81	98.1	NO	17.333	NO
8 PFPeS	349.0 > 80.0	2646.121	1535.365	1.00	3.31	21.543	9.360	10.0	107.3	NO	1.576	NO
9 HFPO-DA	285.1 > 168.9	682.078	886.157	1.00	3.33	9.621	10.000	10.7	107.4	NO	2.260	NO
10 5:3 FTCA	340.9 > 236.9		6957.749	1.00			10.000		④	NO		
11 PFHpA	363.0 > 318.9	6852.963	6957.749	1.00	3.72	12.312	10.000	10.5	105.3	NO	9.747	NO
12 ADONA	376.8 > 250.9	26405.293	6957.749	1.00	3.83	47.439	9.440	9.90	104.8	NO	3.426	NO
57 13C2-PFHxA-EIS	315.0 > 270.0	12383.588		1.00	3.11	12383.588	12.500	13.1	105.1	NO		
51 13C3-PFBS-EIS	302.0 > 99	1535.365		1.00	2.57	1535.365	12.500	12.2	97.6	NO		
53 13C3-HFPO-DA-EIS	287.0 > 168.9	886.157		1.00	3.33	886.157	12.500	12.1	97.2	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	6957.749		1.00	3.72	6957.749	12.500	12.1	97.0	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	6957.749		1.00	3.72	6957.749	12.500	12.1	97.0	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	6957.749		1.00	3.72	6957.749	12.500	12.1	97.0	NO		
-1												
13 L-PFHxS	399 > 80.0	2846.690	3836.748	1.00	3.87	9.274	9.120	8.50	93.2	NO	1.558	NO
15 6:2 FTS	427 > 407.0	4834.628	2037.950	1.00	4.18	29.654	9.480	10.2	107.5	NO	2.387	NO
16 L-PFOA	412.8 > 368.9	17751.846	16108.878	1.00	4.24	13.775	10.000	9.21	92.1	NO	3.720	NO
18 PFecHS	460.8 > 381.0		16108.878	1.00			10.000		④	NO		
19 PFHpS	448.9 > 80.0	2841.579	3728.717	1.00	4.35	9.526	9.520	9.24	97.0	NO	1.985	NO
20 7:3 FTCA	441.0 > 337.0		14284.478	1.00			10.000		④	NO		
61 13C3-PFHxS-EIS	401.8 > 79.9	3836.748		1.00	3.87	3836.748	12.500	13.3	106.2	NO		
63 13C2-6:2 FTS-EIS	429.0 >79.9	2037.950		1.00	4.18	2037.950	12.500	10.7	85.7	NO		
69 13C2-PFOA-EIS	414.9 > 369.7	16108.878		1.00	4.24	16108.878	12.500	14.2	113.5	NO		
69 13C2-PFOA-EIS	414.9 > 369.7	16108.878		1.00	4.24	16108.878	12.500	14.2	113.5	NO		

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Name: 200708M1_14, Date: 08-Jul-2020, Time: 17:04:11, ID: ICV200708M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

73 13C8-PFOS-EIS	507.0 > 80	3728.717		1.00	4.76	3728.717	12.500	11.6	92.7	NO		
65 13C5-PFNA-EIS	468.2 > 422.9	14284.478		1.00	4.68	14284.478	12.500	14.1	112.6	NO		
-1												
21 PFNA	463.0 > 418.8	14020.996	14284.478	1.00	4.68	12.269	10.000	10.1	100.9	NO	3.643	NO
22 PFOSA	498.0 > 78.0	4382.023	5511.347	1.00	4.72	9.939	10.000	10.6	106.4	NO	28.717	NO
23 L-PFOS	499 > 80	2748.263	3728.717	1.00	4.76	9.213	9.280	8.26	89.0	NO	1.850	NO
25 9Cl-PF30NS	531 > 351.0	10951.974	3728.717	1.00	4.98	36.715	9.320	8.67	93.1	NO	23.570	NO
26 PFDA	513 > 468.8	15781.922	13922.962	1.00	5.05	14.169	10.000	10.1	100.9	NO	5.763	NO
27 8:2 FTS	526.9 > 507.0	4165.136	2012.631	1.00	5.03	25.869	9.600	10.2	106.4	NO	1.549	NO
65 13C5-PFNA-EIS	468.2 > 422.9	14284.478		1.00	4.68	14284.478	12.500	14.1	112.6	NO		
67 13C8-PFOSA-EIS	506. > 78	5511.347		1.00	4.72	5511.347	12.500	12.2	97.7	NO		
73 13C8-PFOS-EIS	507.0 > 80	3728.717		1.00	4.76	3728.717	12.500	11.6	92.7	NO		
73 13C8-PFOS-EIS	507.0 > 80	3728.717		1.00	4.76	3728.717	12.500	11.6	92.7	NO		
75 13C2-PFDA-EIS	515.1 > 469.9	13922.962		1.00	5.05	13922.962	12.500	13.4	107.0	NO		
77 13C2-8:2 FTS-EIS	528.9 > 79.9	2012.631		1.00	5.03	2012.631	12.500	10.2	81.4	NO		
-1												
28 PFNS	548.9 > 79.9	3379.856	3728.717	1.00	5.12	11.330	9.600	10.7	111.6	NO	1.720	NO
29 L-MeFOSAA	570 > 419	8195.128	10867.021	1.00	5.20	9.427	10.000	10.2	101.7	NO	2.697	NO
31 L-EtFOSAA	583.9 > 419	8303.728	10350.258	1.00	5.36	10.028	10.000	10.8	107.7	NO	1.362	NO
33 PFUdA	563.0 > 518.9	16103.644	22806.375	1.00	5.38	8.826	10.000	9.48	94.8	NO	10.071	NO
34 PFDS	599.0 > 80.0	2733.040	3728.717	1.00	5.42	9.162	9.640	9.35	97.0	NO	1.512	NO
35 11Cl-PF30UdS	630.9 > 450.9	10060.454	25153.588	1.00	5.59	5.000	9.440	8.95	94.8	NO	24.223	NO
73 13C8-PFOS-EIS	507.0 > 80	3728.717		1.00	4.76	3728.717	12.500	11.6	92.7	NO		
79 d3-N-MeFOSAA-EIS	573. > 419	10867.021		1.00	5.20	10867.021	12.500	11.9	95.3	NO		
83 d5-N-EtFOSAA-EIS	589. > 419	10350.258		1.00	5.36	10350.258	12.500	12.2	97.5	NO		
81 13C2-PFUdA-EIS	565 > 519.8	22806.375		1.00	5.38	22806.375	12.500	12.5	100.3	NO		
73 13C8-PFOS-EIS	507.0 > 80	3728.717		1.00	4.76	3728.717	12.500	11.6	92.7	NO		
85 13C2-PFDoA-EIS	615 > 570	25153.588		1.00	5.66	25153.588	12.500	12.5	99.8	NO		
-1												
36 10:2 FTS	626.9 > 607		1715.525	1.00			10.000		(A)	NO		
37 PFDoA	612.9 > 569.0	18700.846	25153.588	1.00	5.66	9.293	10.000	9.58	95.8	NO	8.177	NO
38 N-MeFOSA	512.1 > 168.9		15836.635	1.00			9.600		(A)	NO		
39 PFTrDA	662.9 > 618.9	17849.244	25153.588	1.00	5.91	8.870	10.000	9.60	96.0	NO	8.762	NO
40 PFDoS	698.9 > 80		17714.049	1.00			10.000		(A)	NO		
41 PFTeDA	713.0 > 669.0	19567.068	17714.049	1.00	6.13	13.808	10.000	9.65	96.5	NO	13.600	NO
87 13C2-10:2 FTS-EIS	633 > 79.9	1715.525		1.00	5.65	1715.525	12.500	13.8	110.4	NO		

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Name: 200708M1_14, Date: 08-Jul-2020, Time: 17:04:11, ID: ICV200708M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

85 13C2-PFDoA-EIS	615 > 570	25153.588		1.00	5.66	25153.588	12.500	12.5	99.8	NO
89 d3-N-MeFOSA-EIS	515.2 > 168.9	15836.635		1.00	5.67	15836.635	149.200	153	102.5	NO
85 13C2-PFDoA-EIS	615 > 570	25153.588		1.00	5.66	25153.588	12.500	12.5	99.8	NO
91 13C2-PFTeDA-EIS	715.1 > 669.7	17714.049		1.00	6.13	17714.049	12.500	13.4	107.2	NO
91 13C2-PFTeDA-EIS	715.1 > 669.7	17714.049		1.00	6.13	17714.049	12.500	13.4	107.2	NO
-1										
42 N-EtFOSA	526.1 > 168.9		23405.945	1.00			9.600		@	NO
43 PFHxDA	813.1 > 768.6		25270.820	1.00			10.000			NO
44 PFODA	913 > 869		25270.820	1.00			10.000			NO
45 N-MeFOSE	616.1 > 58.9		11937.778	1.00			9.600			NO
46 N-EtFOSE	630.1 > 58.9		12528.322	1.00			9.600			NO
48 13C3-PFBA-RSD	216.1 > 171.8	4140.503	6105.650	1.00	1.33	8.477	12.500	12.6	100.6	NO
93 d5-N-ETFOSA-EIS	531.1 > 168.9	23405.945		1.00	6.11	23405.945	149.200	154	103.0	NO
95 13C2-PFHxDA-EIS	815 > 769.7	25270.820		1.00	6.45	25270.820	12.500	12.7	101.5	NO
95 13C2-PFHxDA-EIS	815 > 769.7	25270.820		1.00	6.45	25270.820	12.500	12.7	101.5	NO
97 d7-N-MeFOSE-EIS	623.1 > 58.9	11937.778		1.00	6.30	11937.778	149.200	150	100.5	NO
99 d9-N-EtFOSE-EIS	639.2 > 58.8	12528.322		1.00	6.45	12528.322	149.200	151	101.5	NO
50 13C3-PFPeA-RSD	266.0 > 221.8	6396.311	13849.053	1.00	2.28	5.773	12.500	13.0	103.9	NO
-1										
52 13C3-PFBS-RSD	302.0 > 99	1538.859	2114.838	1.00	2.57	9.096	12.500	11.9	95.3	NO
54 13C3-HFPO-DA-RSD	287.0 > 168.9	857.643	13849.053	1.00	3.33	0.774	12.500	12.2	97.2	NO
56 13C2-4:2 FTS-RSD	329.0 >79.9	2443.886	2114.838	1.00	3.02	14.445	12.500	11.9	94.9	NO
58 13C2-PFHxA-RSD	315.0 > 270.0	11996.682	13849.053	1.00	3.11	10.828	12.500	12.8	102.2	NO
60 13C4-PFHpA-RSD	367.2 > 321.8	6872.015	13849.053	1.00	3.72	6.203	12.500	12.5	99.6	NO
62 13C3-PFHxS-RSD	401.8 > 79.9	3803.728	2114.838	1.00	3.87	22.482	12.500	12.9	103.3	NO
64 13C2-6:2 FTS-RSD	429.0 >79.9	2041.103	3635.737	1.00	4.18	7.018	12.500	13.0	103.8	NO
66 13C5-PFNA-RSD	468.2 > 422.9	13827.279	14523.117	1.00	4.68	11.901	12.500	12.9	103.4	NO
68 13C8-PFOSA-RSD	506. > 78	5469.125	26312.072	1.00	4.72	2.598	12.500	11.3	90.3	NO
70 13C2-PFOA-RSD	414.9 > 369.7	16078.725	23412.900	1.00	4.24	8.584	12.500	13.0	104.1	NO
74 13C8-PFOS-RSD	507.0 > 80	3719.047	3635.737	1.00	4.76	12.786	12.500	13.3	106.2	NO
76 13C2-PFDA-RSD	515.1 > 469.9	13984.604	18688.156	1.00	5.05	9.354	12.500	12.7	101.6	NO
-1										
78 13C2-8:2 FTS-RSD	528.9 > 79.9	2004.136	3635.737	1.00	5.03	6.890	12.500	11.7	93.6	NO
80 d3-N-MeFOSAA-RSD	573. > 419	10862.644	26312.072	1.00	5.20	5.160	12.500	10.8	86.7	NO
82 13C2-PFUdA-RSD	565 > 519.8	21985.980	26312.072	1.00	5.38	10.445	12.500	11.9	95.2	NO
84 d5-N-EtFOSAA-RSD	589. > 419	9938.381	26312.072	1.00	5.36	4.721	12.500	11.3	90.3	NO

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86	13C2-PFDoA-RSD	615 > 570	24122.254	18688.156	1.00	5.66	16.135	12.500	12.3	98.7	NO
88	13C2-10:2 FTS-RSD	633 > 79.9	1745.492	3635.737	1.00	5.65	6.001	12.500	14.3	114.1	NO
90	d3-N-MeFOSA-RSD	515.2 > 168.9	15836.635	26312.072	1.00	5.67	7.523	149.200	136	91.4	NO
92	13C2-PFTeDA-RSD	715.1 > 669.7	17225.939	26312.072	1.00	6.13	8.183	12.500	12.2	97.5	NO
94	d5-N-ETFOSA-RSD	531.1 > 168.9	23405.945	26312.072	1.00	6.11	11.119	149.200	139	93.2	NO
96	13C2-PFHxDA-RSD	815 > 769.7	25597.979	26312.072	1.00	6.45	12.161	12.500	11.9	95.2	NO
98	d7-N-MeFOSE-RSD	623.1 > 58.9	11989.805	26312.072	1.00	6.30	5.696	149.200	134	90.1	NO
1...	d9-N-EtFOSE-RSD	639.2 > 58.8	12555.077	26312.072	1.00	6.45	5.965	149.200	138	92.7	NO
-1											
1...	13C4-PFBA	217.0 > 172.0	6105.650	6105.650	1.00	1.32	12.500	12.500	12.5	100.0	NO
1...	13C5-PFHxA	318.0 > 272.9	13849.053	13849.053	1.00	3.10	12.500	12.500	12.5	100.0	NO
1...	13C8-PFOA	420.9 > 376.0	23412.900	23412.900	1.00	4.24	12.500	12.500	12.5	100.0	NO
1...	18O2-PFHxS	403.0 > 103.0	2114.838	2114.838	1.00	3.87	12.500	12.500	12.5	100.0	NO
1...	13C9-PFNA	472.2 > 426.9	14523.117	14523.117	1.00	4.68	12.500	12.500	12.5	100.0	NO
1...	13C4-PFOS	503 > 80.0	3635.737	3635.737	1.00	4.76	12.500	12.500	12.5	100.0	NO
1...	13C6-PFDA	519.1 > 473.7	18688.156	18688.156	1.00	5.05	12.500	12.500	12.5	100.0	NO
1...	13C7-PFUdA	570.1 > 524.8	26312.072	26312.072	1.00	5.38	12.500	12.500	12.5	100.0	NO

Vista Analytical Laboratory

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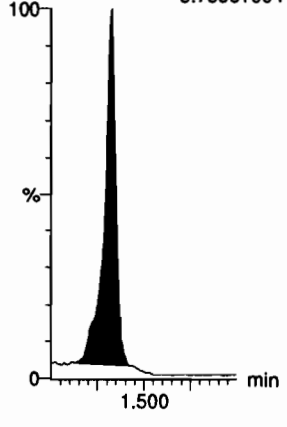
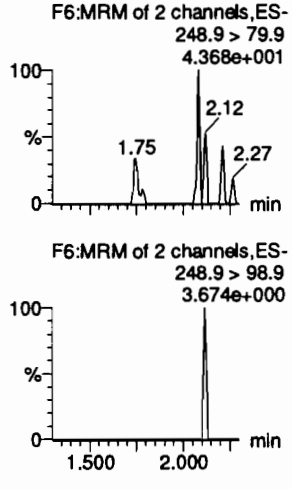
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

Name: 200708M1_14, Date: 08-Jul-2020, Time: 17:04:11, ID: ICV200708M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

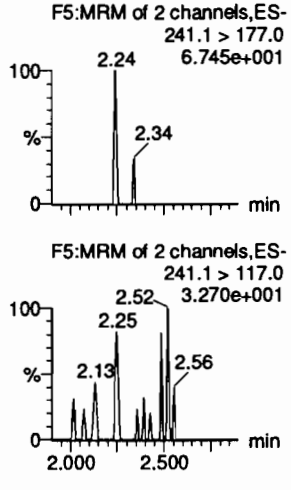
PFBA



PFPrS



3:3 FTCA



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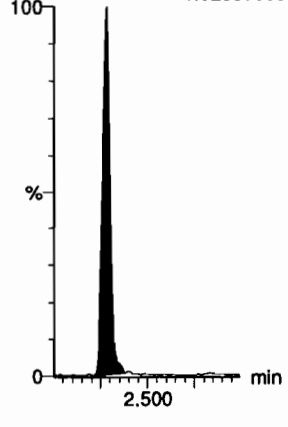
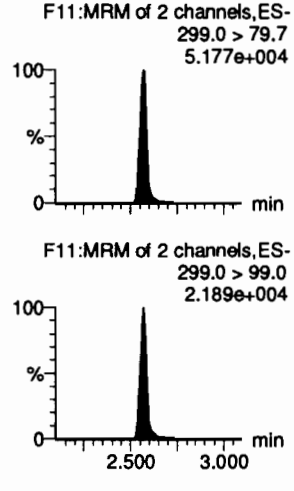
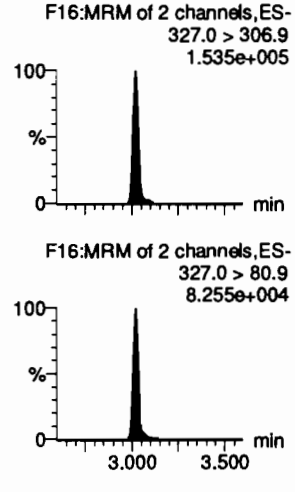


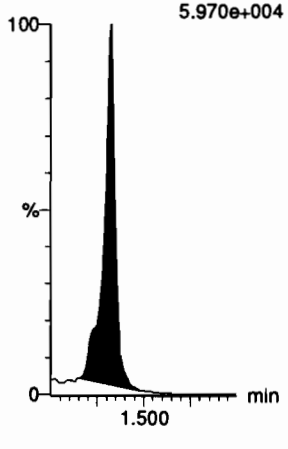
PFBS



4:2 FTS



13C3-PFBA-EIS



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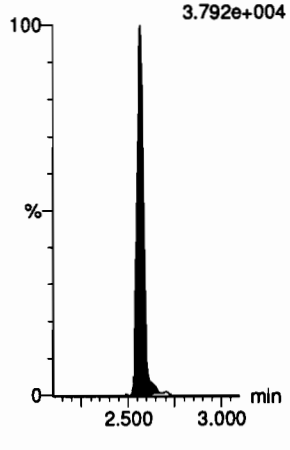

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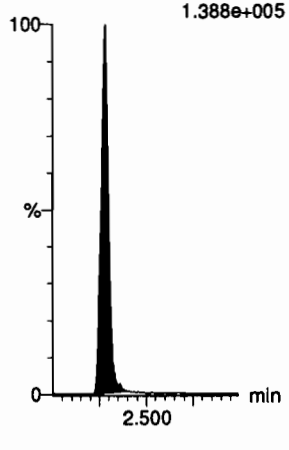
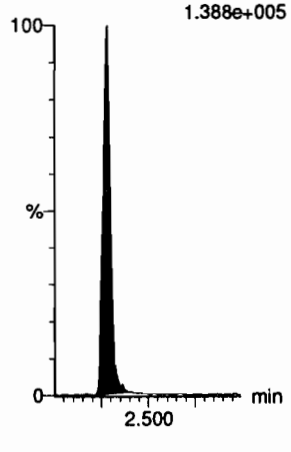


13C3-PFPeA-EIS



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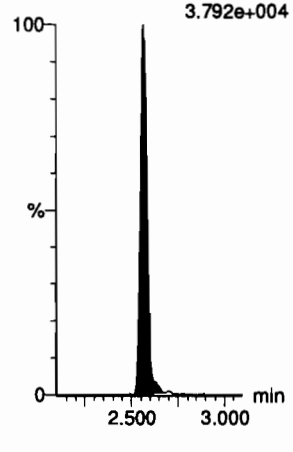
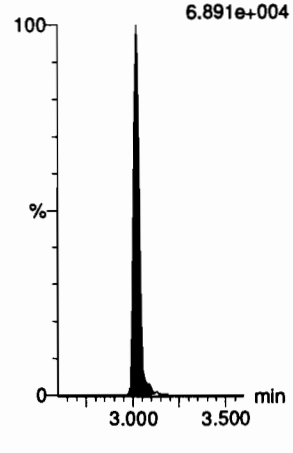


13C2-4:2 FTS-EIS



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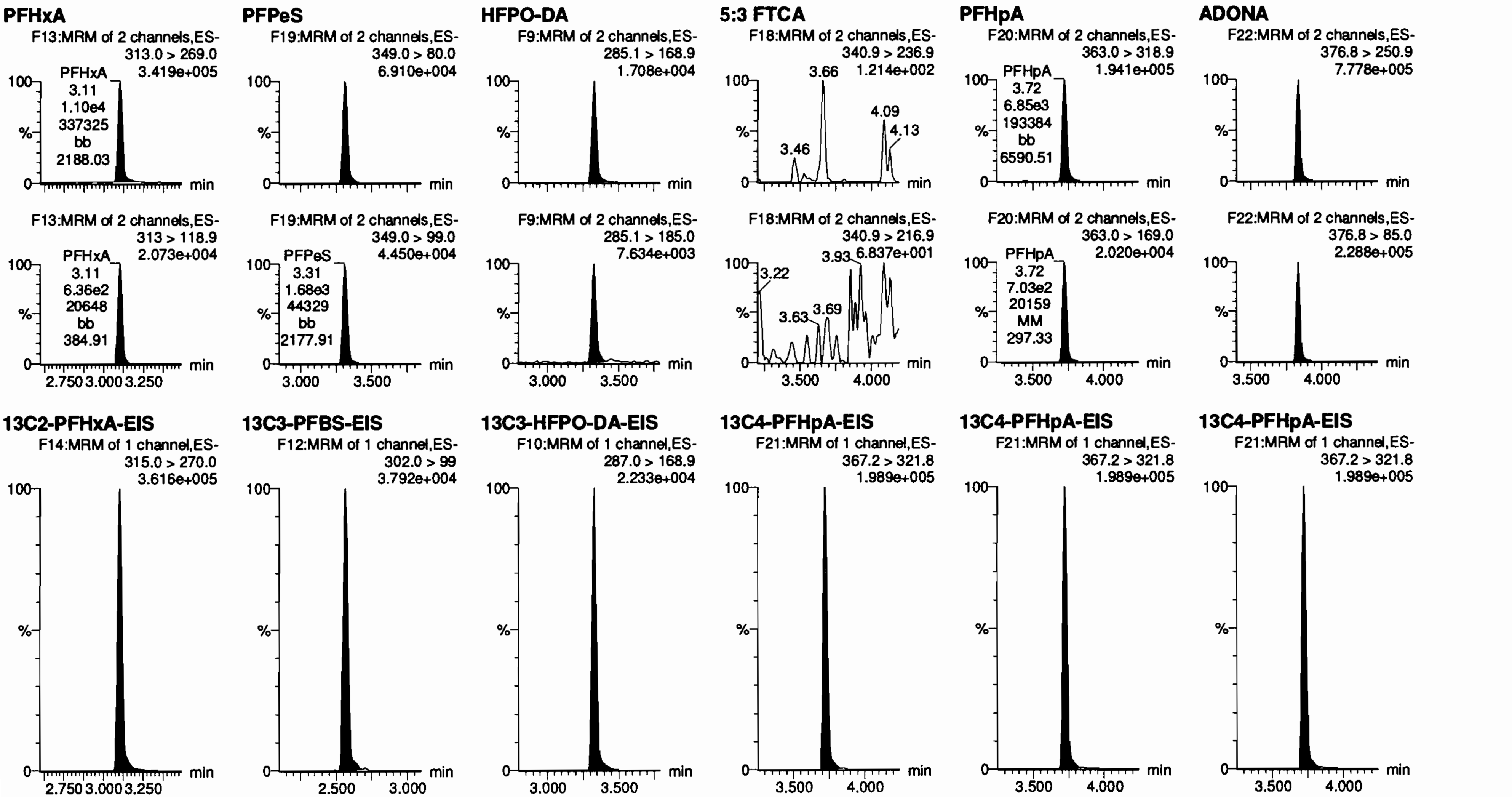

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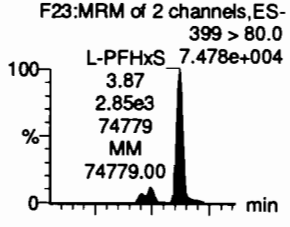
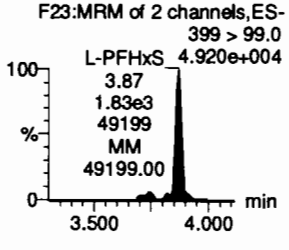
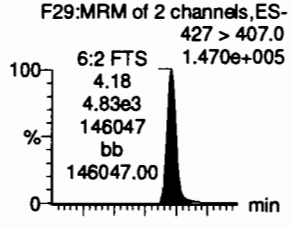
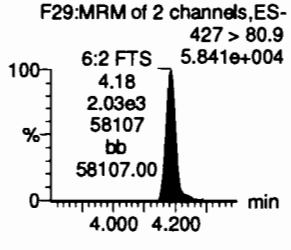
L-PFHxS



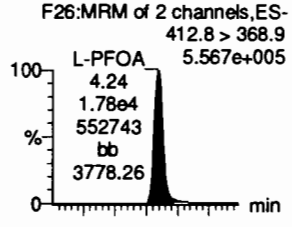


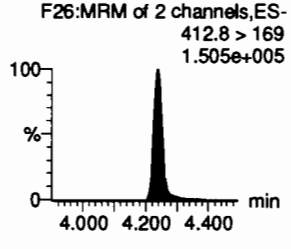
6:2 FTS



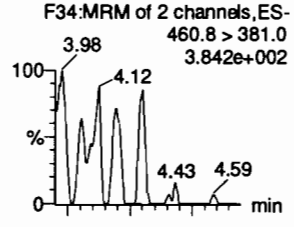


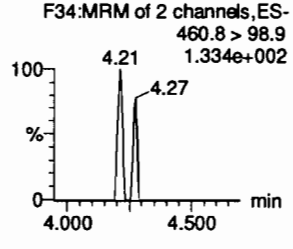
L-PFOA



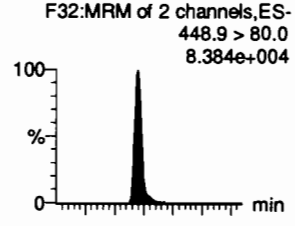


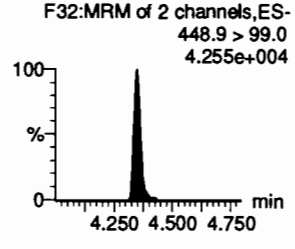
PFEChS



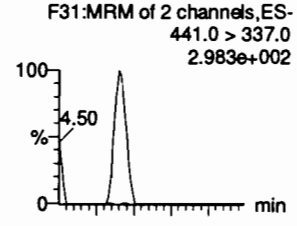


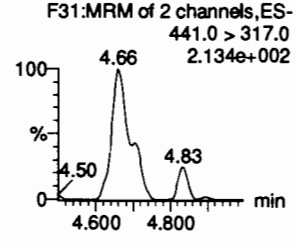
PFHpS





7:3 FTCA





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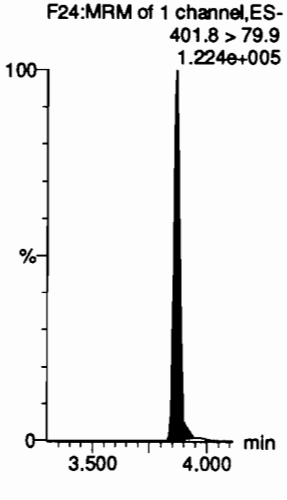
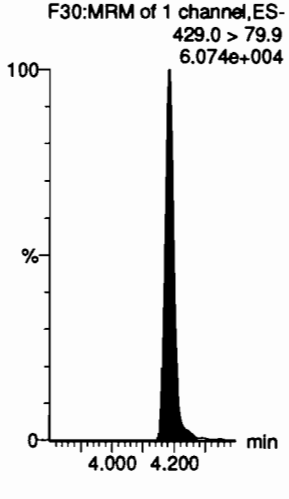


13C2-6:2 FTS-EIS



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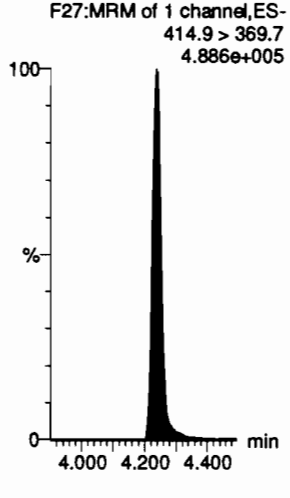

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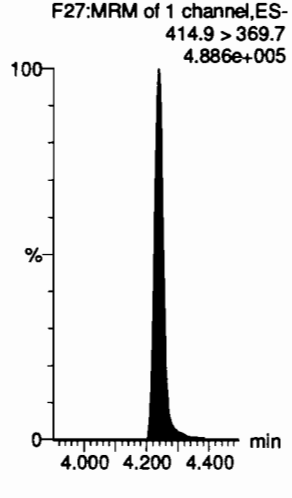
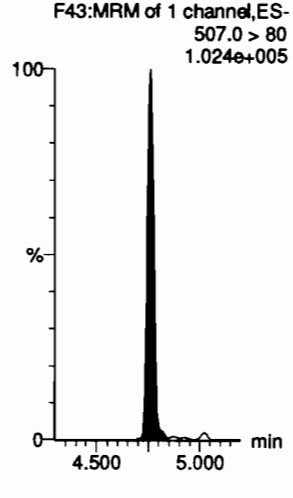
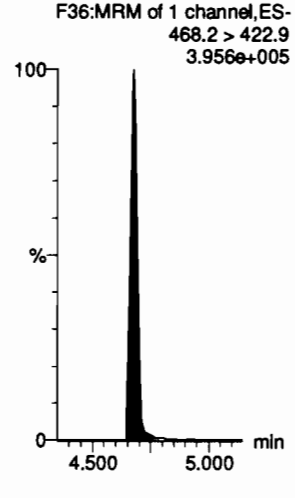


13C8-PFOS-EIS



13C5-PFNA-EIS



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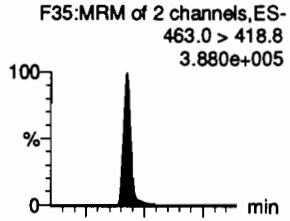
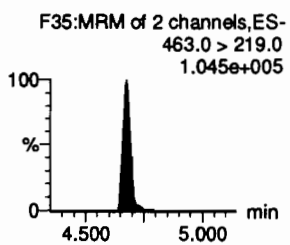
PFNA





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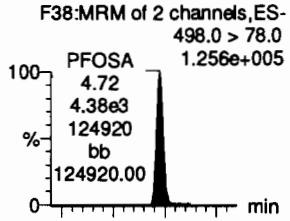
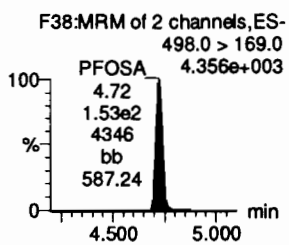
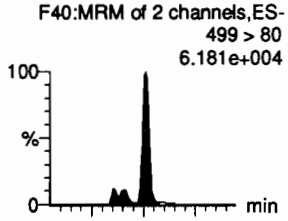
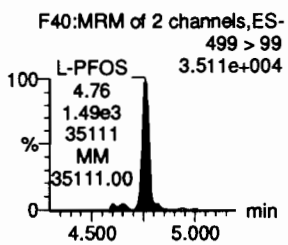


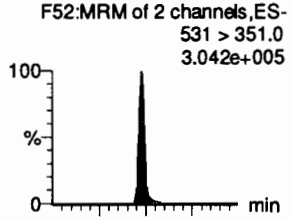


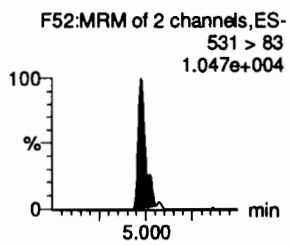
L-PFOS





9Cl-PF30NS





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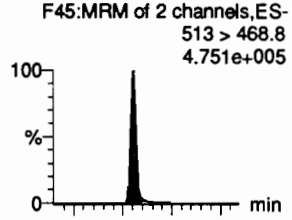
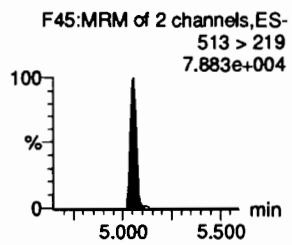
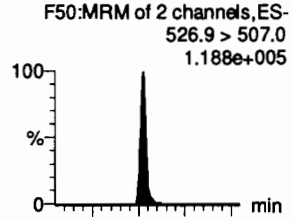
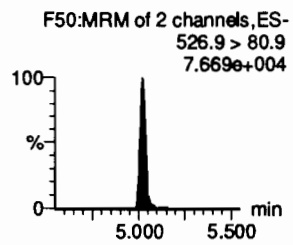


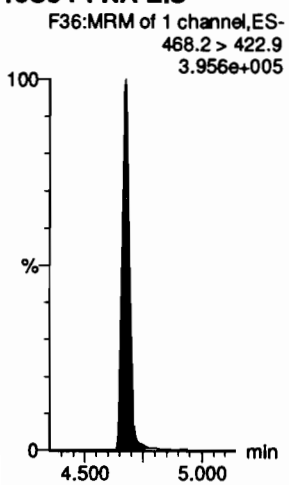


8:2 FTS

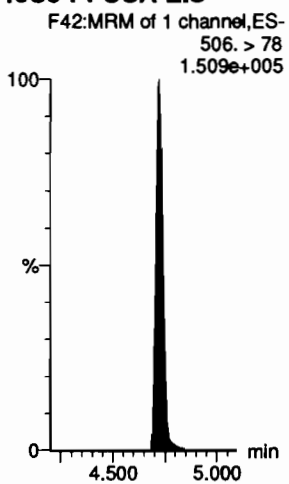




13C5-PFNA-EIS



13C8-PFOSA-EIS



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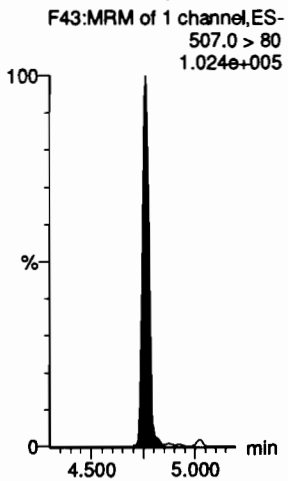

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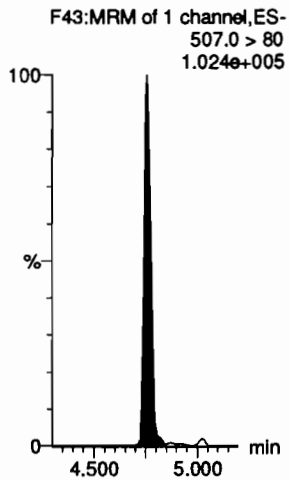

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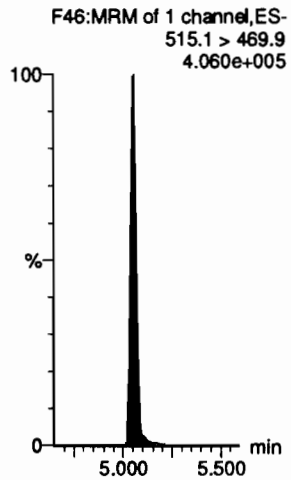
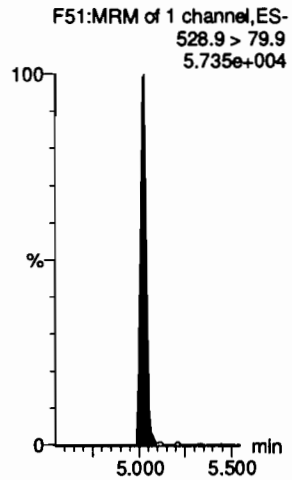


13C2-8:2 FTS-EIS



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Last Altered: Thursday, July 09, 2020 10:28:15 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:28:40 Pacific Daylight Time

Name: 200708M1_14, Date: 08-Jul-2020, Time: 17:04:11, ID: ICV200708M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

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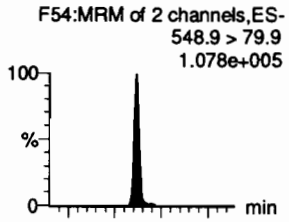

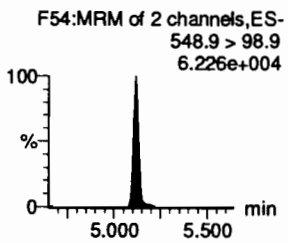

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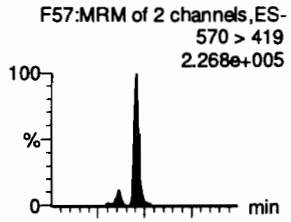
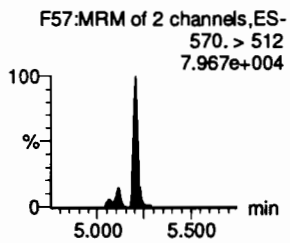
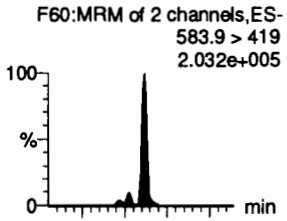
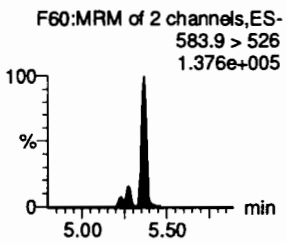


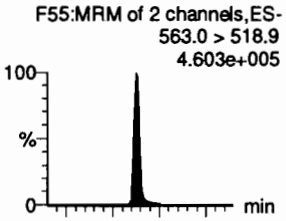


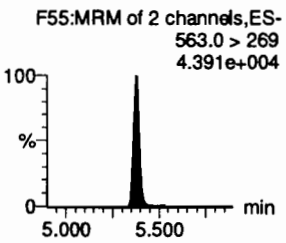
L-EtFOSAA





PFUdA





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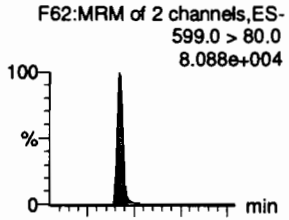
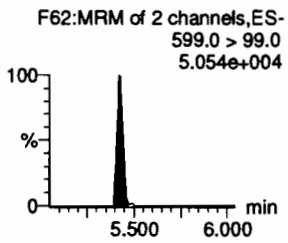
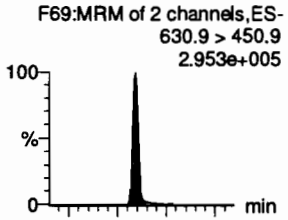
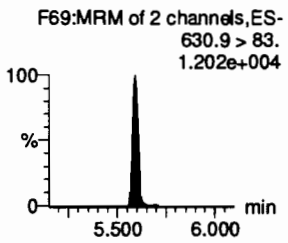


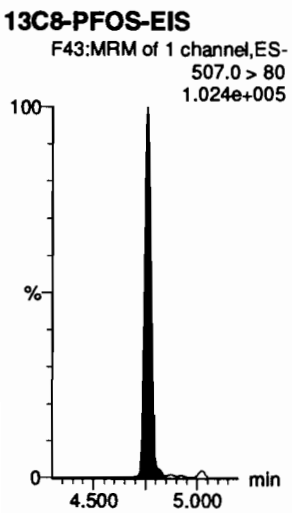


11Cl-PF30UdS

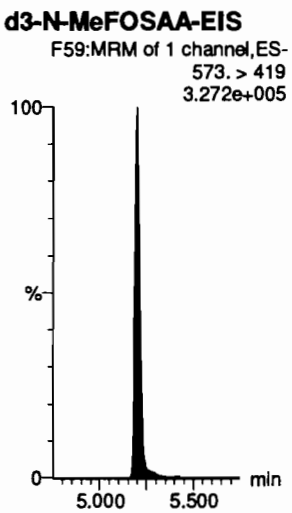




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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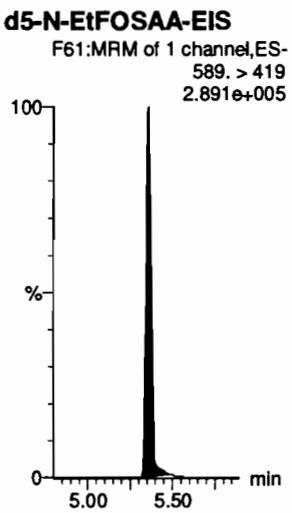
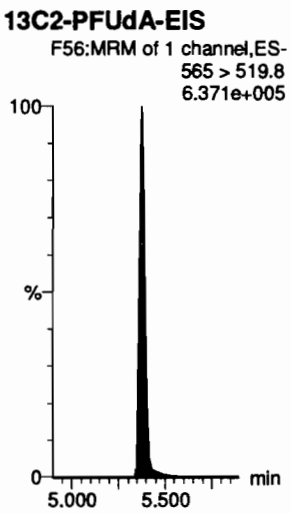
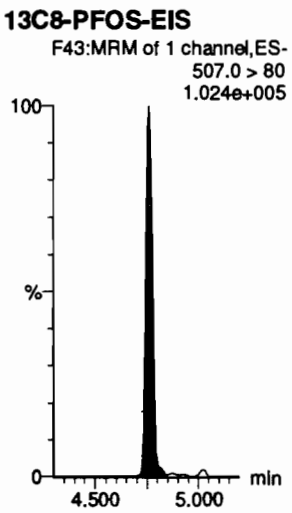


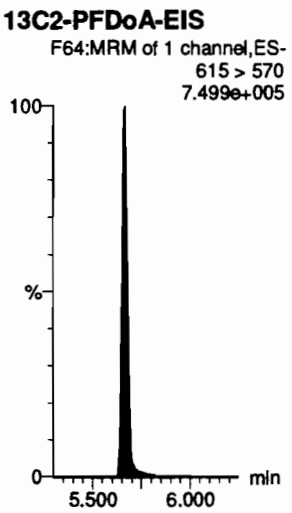
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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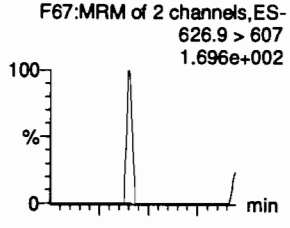
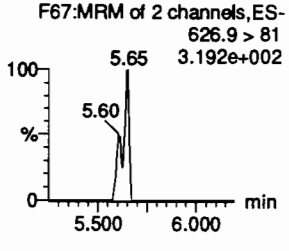
Name: 200708M1_14, Date: 08-Jul-2020, Time: 17:04:11, ID: ICV200708M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

10:2 FTS





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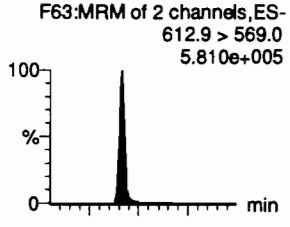
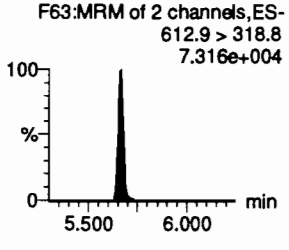
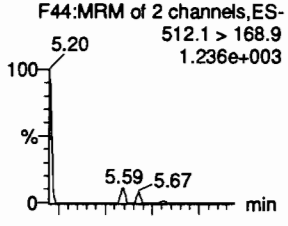
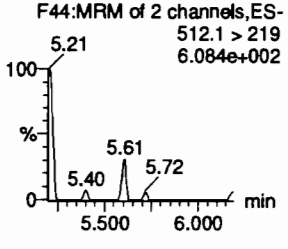


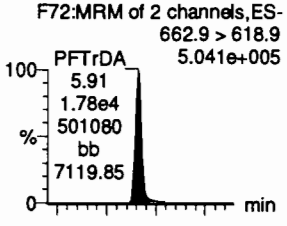


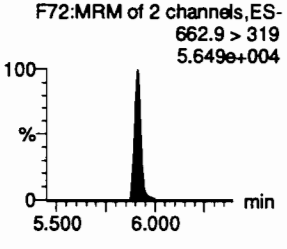
N-MeFOSA



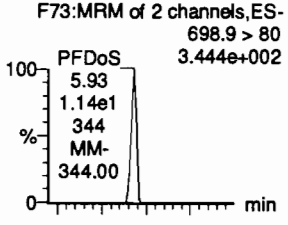


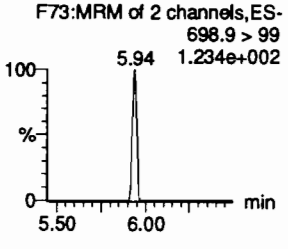
PFTrDA



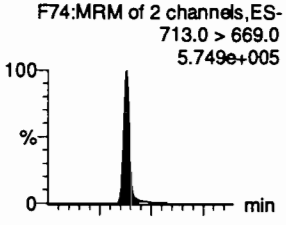


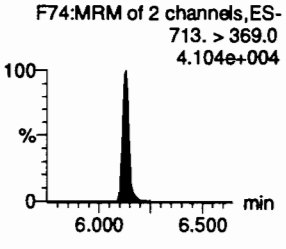
PFDoS



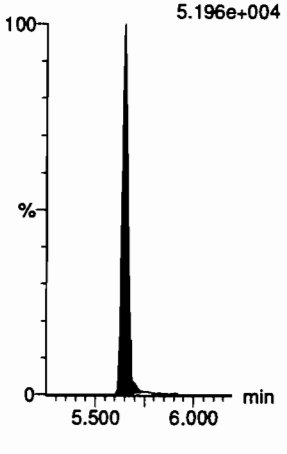


PFTeDA

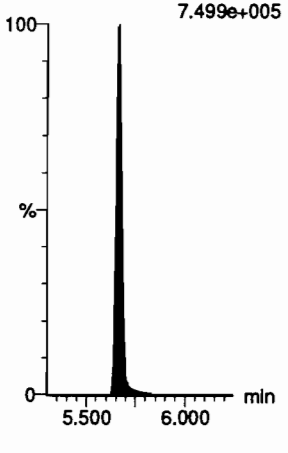




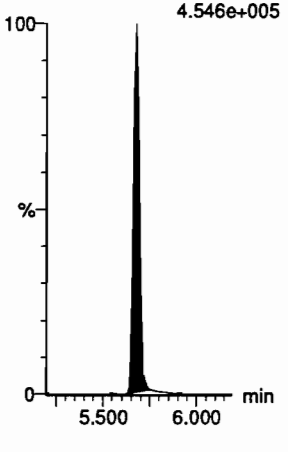
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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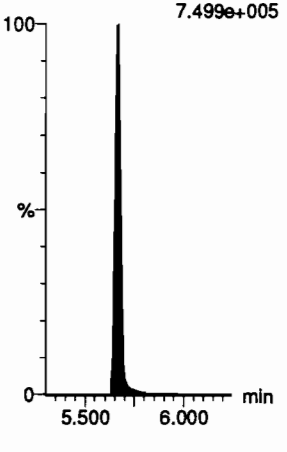

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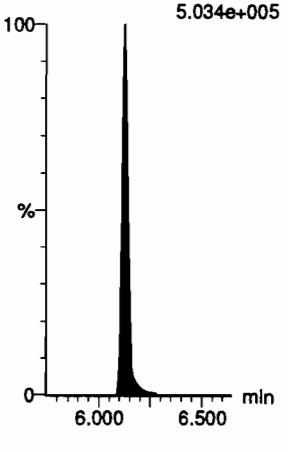
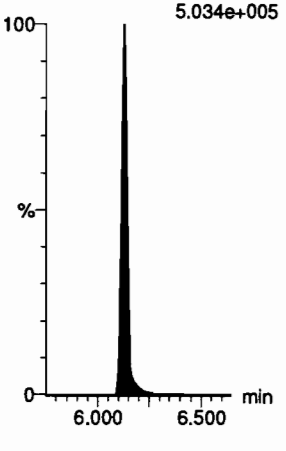


13C2-PFTeDA-EIS



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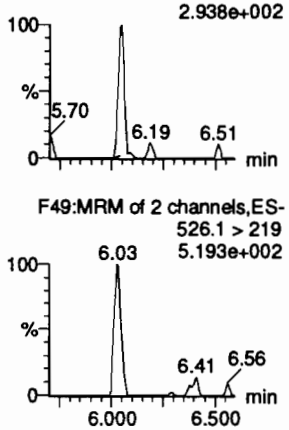
N-EtFOSA



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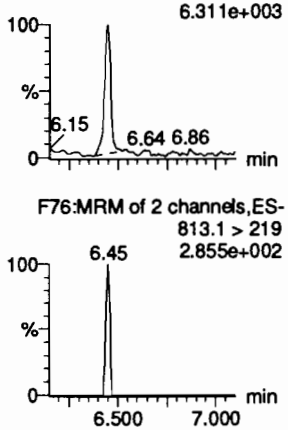

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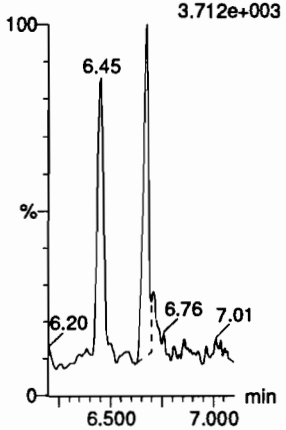
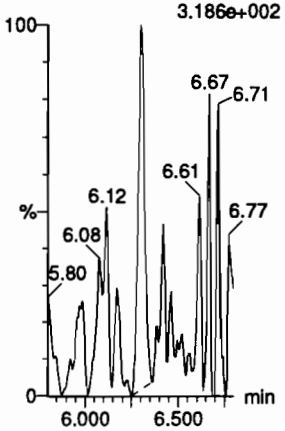
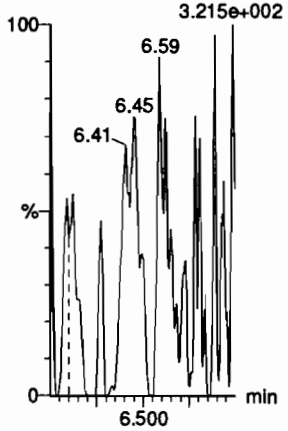


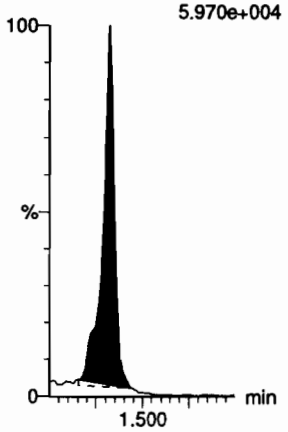
N-MeFOSE



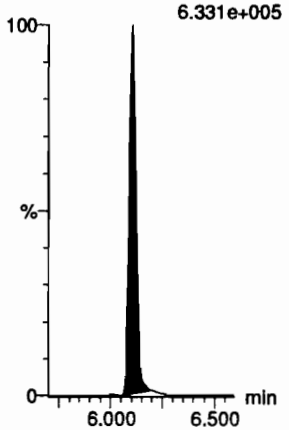
N-EtFOSE



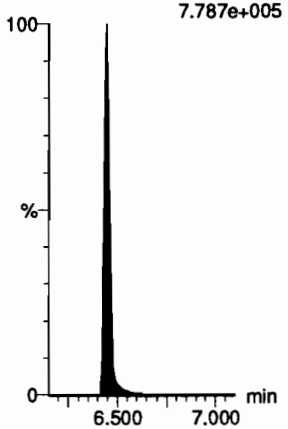
13C3-PFBA-RSD



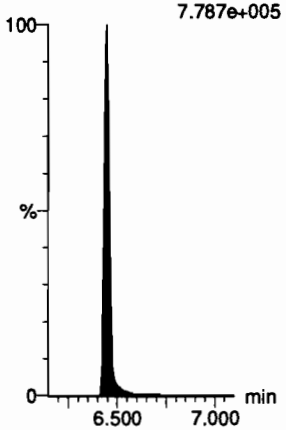
d5-N-ETFOSA-EIS



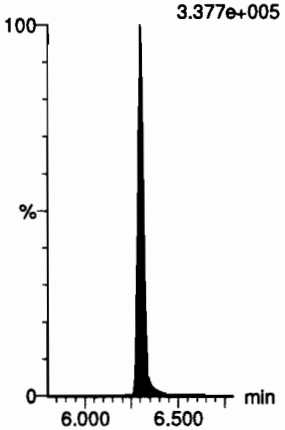
13C2-PFHxDA-EIS



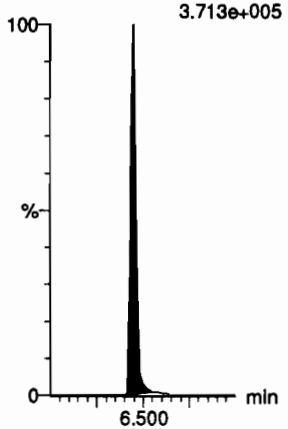
13C2-PFHxDA-EIS



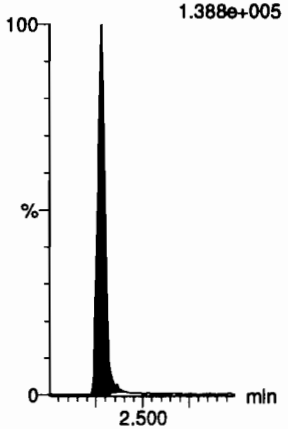
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

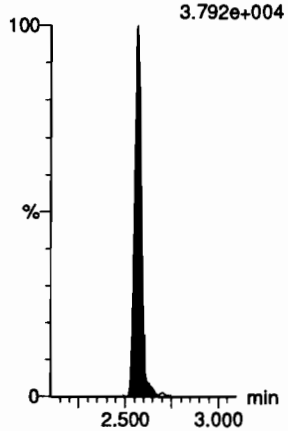


Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-ICV.qld

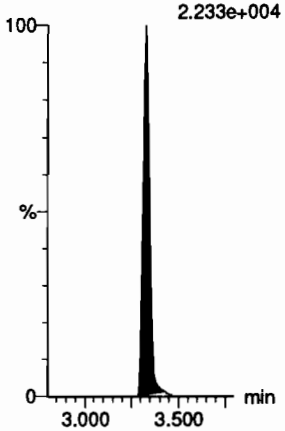
Last Altered: Thursday, July 09, 2020 10:28:15 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:28:40 Pacific Daylight Time

Name: 200708M1_14, Date: 08-Jul-2020, Time: 17:04:11, ID: ICV200708M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

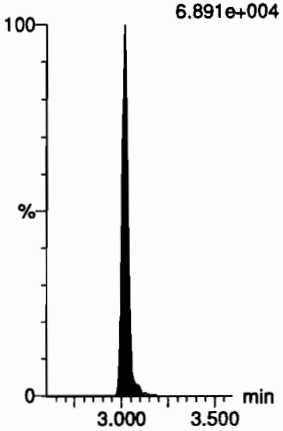
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.792e+004



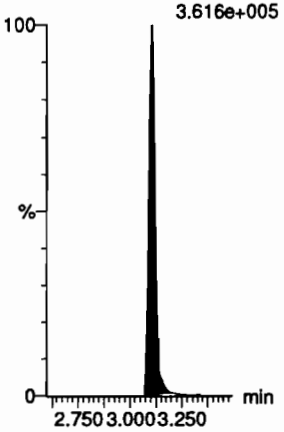
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.233e+004



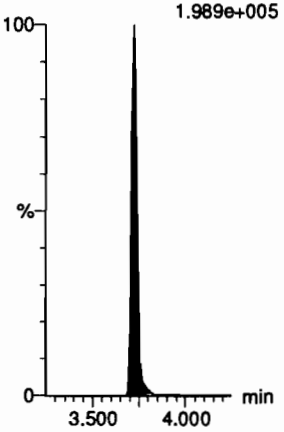
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.891e+004



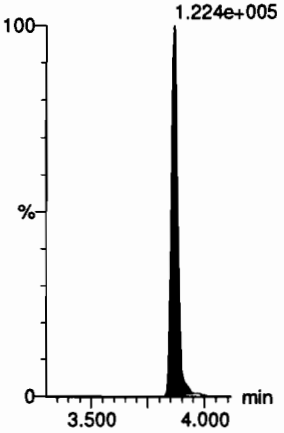
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.616e+005



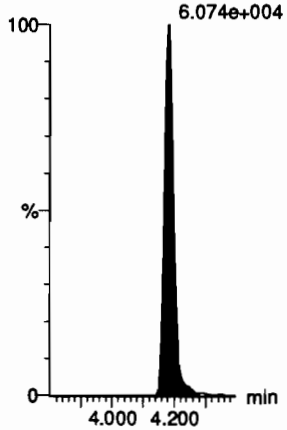
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.989e+005



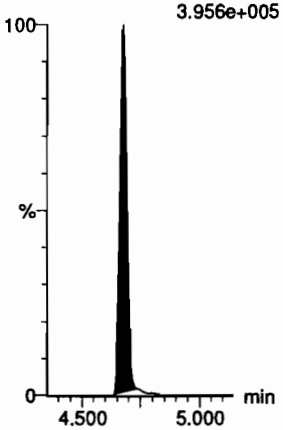
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.224e+005



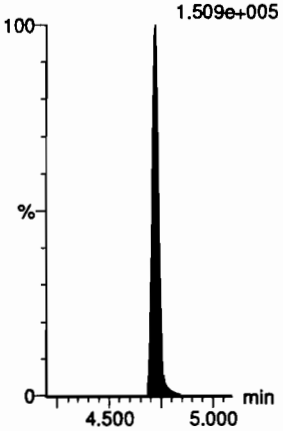
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.074e+004



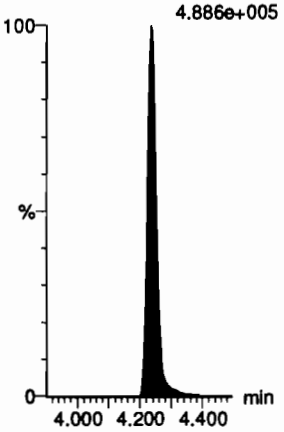
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.956e+005



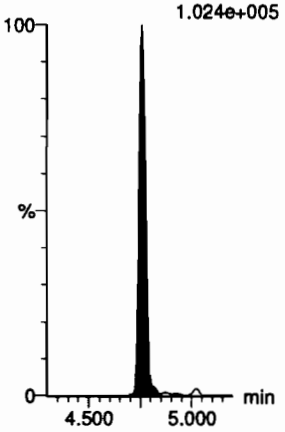
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.509e+005



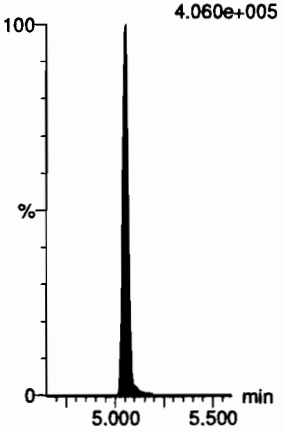
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.886e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.024e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.060e+005

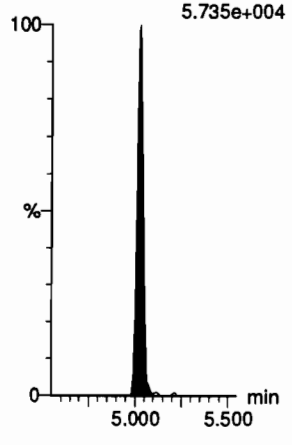


Dataset: F:\Projects\PFAS.PRO\Results\200708M1\200708M1-ICV.qld

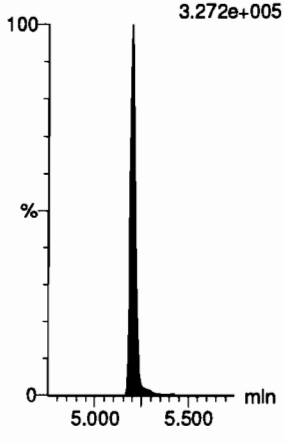
Last Altered: Thursday, July 09, 2020 10:28:15 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:28:40 Pacific Daylight Time

Name: 200708M1_14, Date: 08-Jul-2020, Time: 17:04:11, ID: ICV200708M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

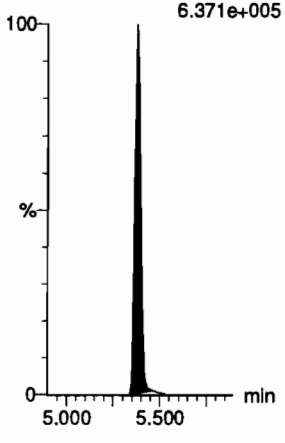
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
5.735e+004



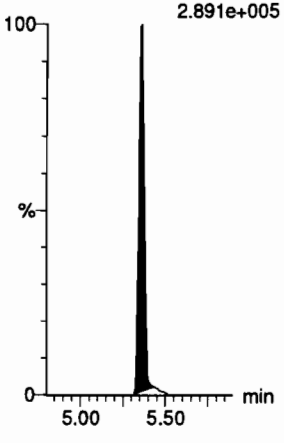
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.272e+005



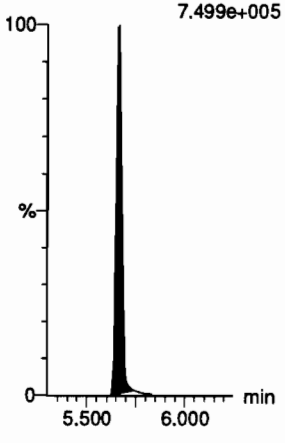
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.371e+005



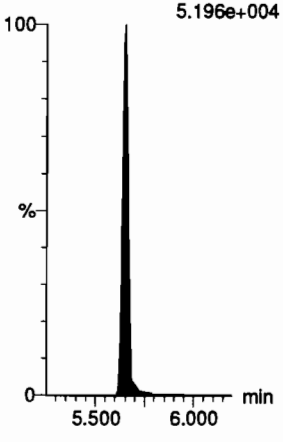
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.891e+005



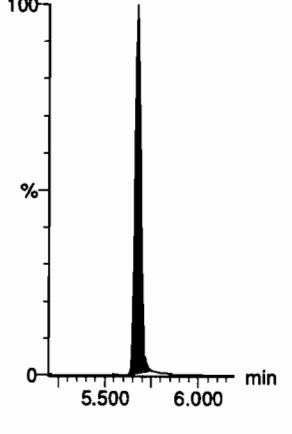
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
7.499e+005



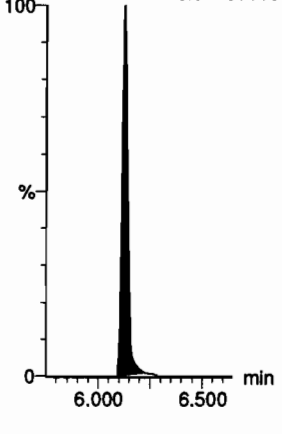
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.196e+004



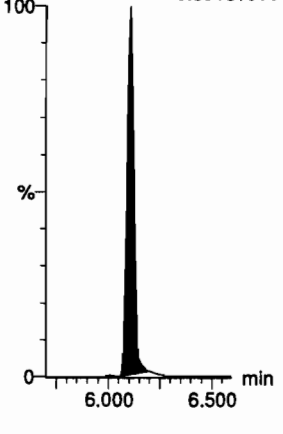
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.546e+005



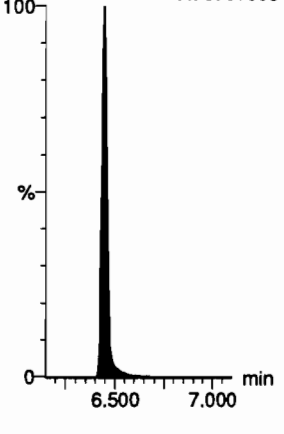
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.034e+005



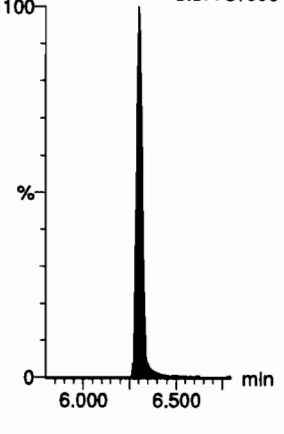
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.331e+005



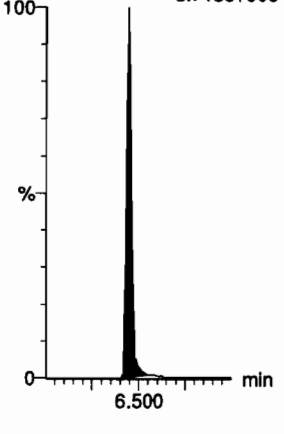
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.787e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.377e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.713e+005



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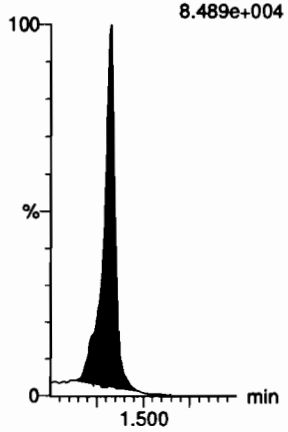
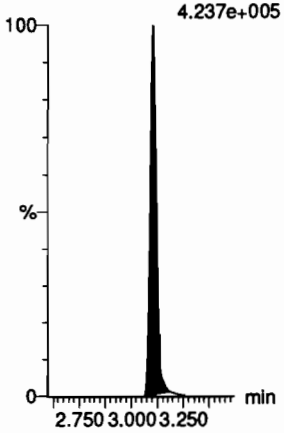
Last Altered: Thursday, July 09, 2020 10:28:15 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:28:40 Pacific Daylight Time

Name: 200708M1_14, Date: 08-Jul-2020, Time: 17:04:11, ID: ICV200708M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

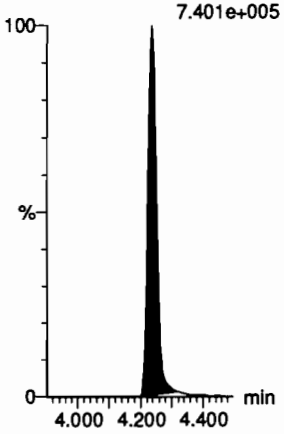
13C4-PFBA



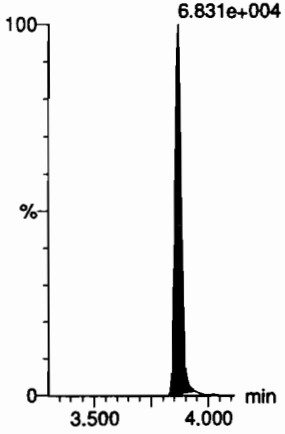
13C5-PFHxA



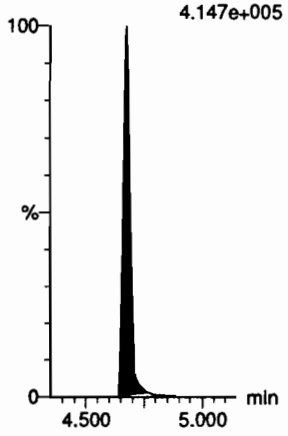
13C8-PFOA



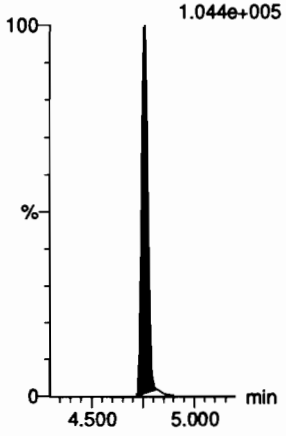
18O2-PFHxS



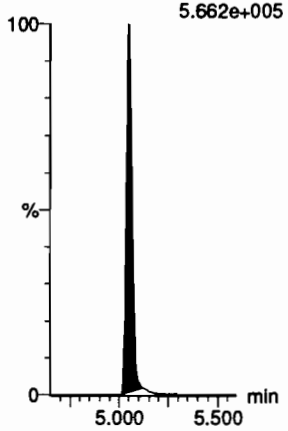
13C9-PFNA



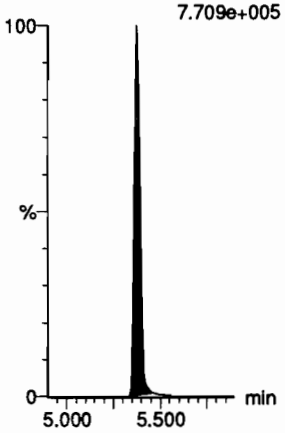
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Vista Analytical Laboratory

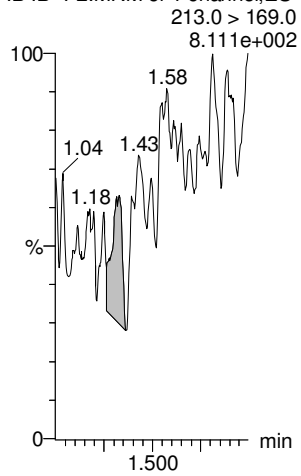
Dataset: Untitled

Last Altered: Thursday, July 09, 2020 10:36:10 Pacific Daylight Time
Printed: Thursday, July 09, 2020 10:36:14 Pacific Daylight Time

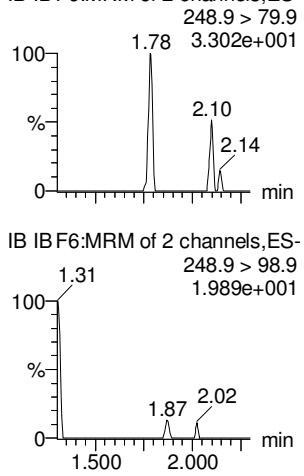
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070820.mdb 09 Jul 2020 09:22:21
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-08-20.cdb 09 Jul 2020 10:10:06

Name: 200708M1_13, Date: 08-Jul-2020, Time: 16:53:48, ID: IB, Description: IB

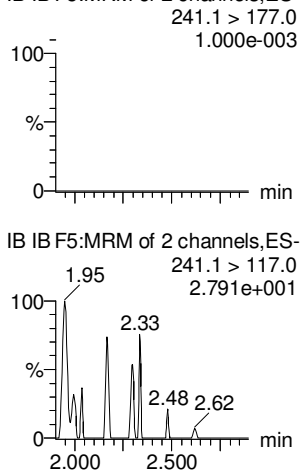
PFBA



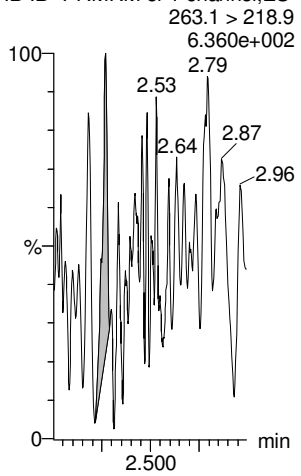
PFPrS



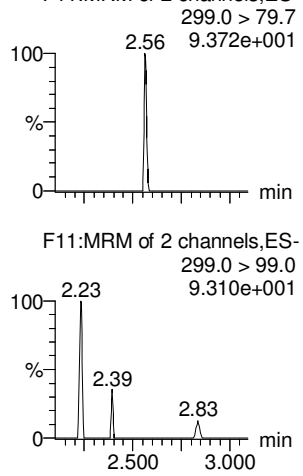
3:3 FTCA



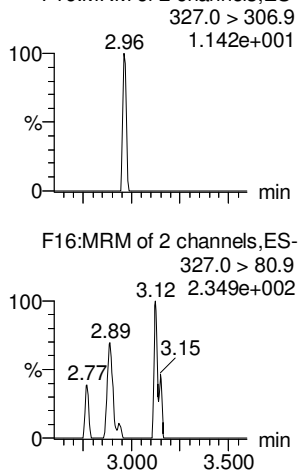
PFPeA



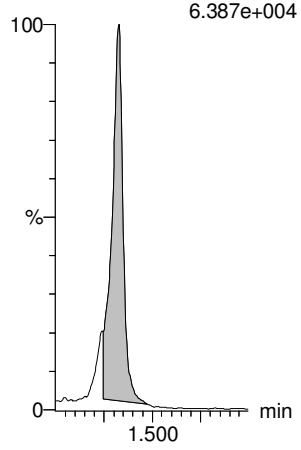
PFBS



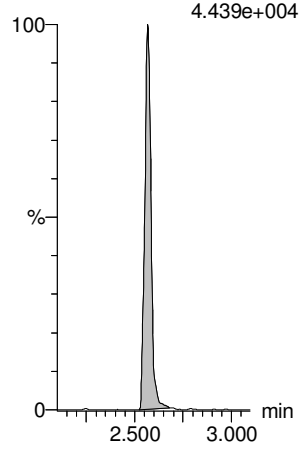
4:2 FTS



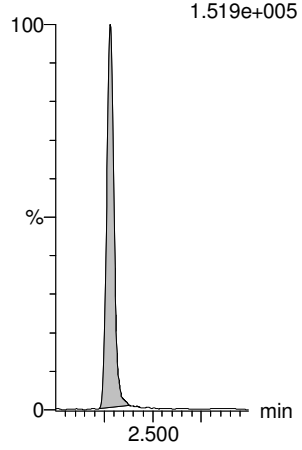
13C3-PFBA-EIS



13C3-PFBS-EIS



13C3-PFPeA-EIS



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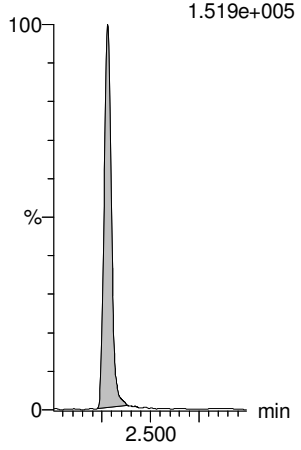

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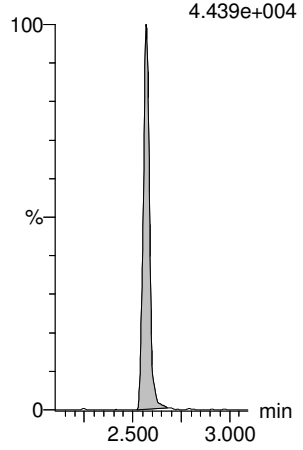

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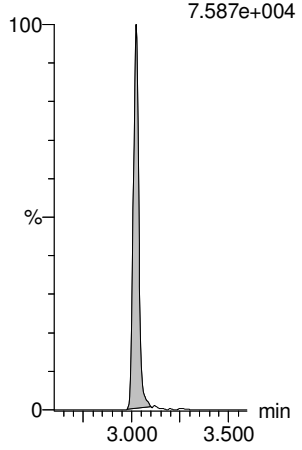

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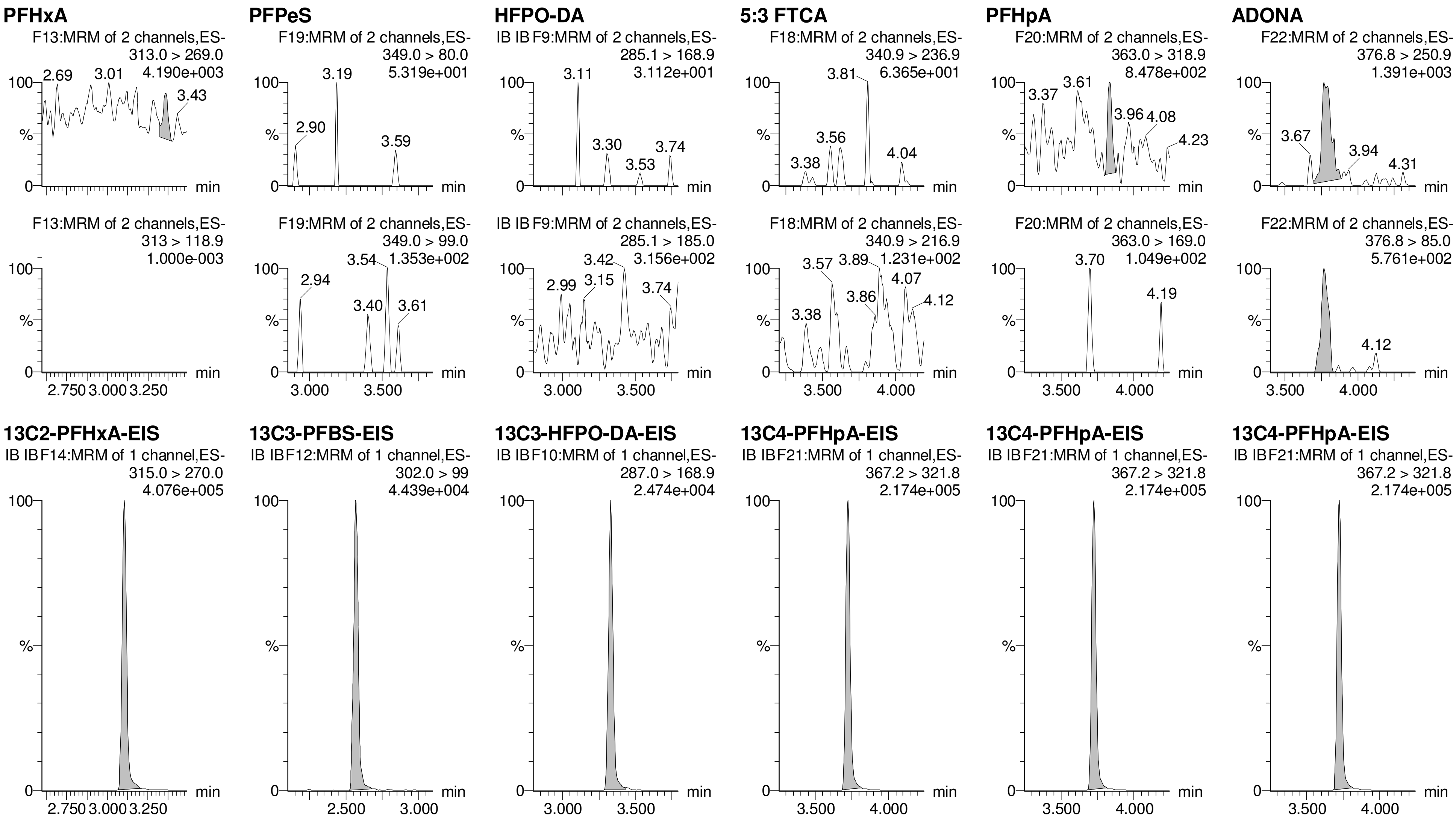
Name: 200708M1_13, Date: 08-Jul-2020, Time: 16:53:48, ID: IB, Description: IB



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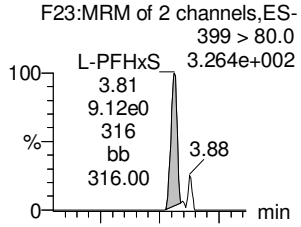
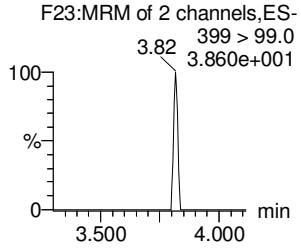
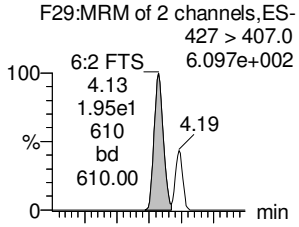
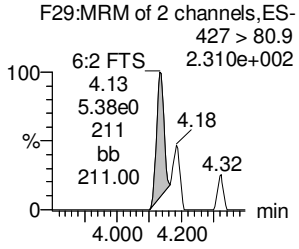
L-PFHxS





6:2 FTS





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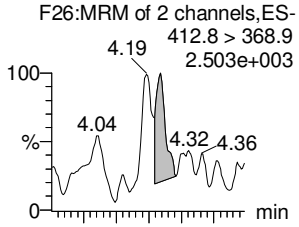

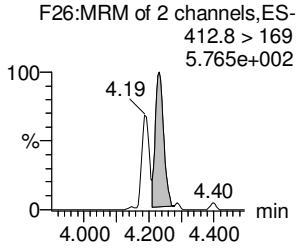

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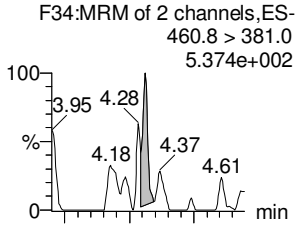

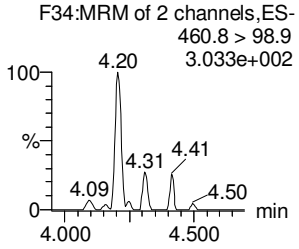

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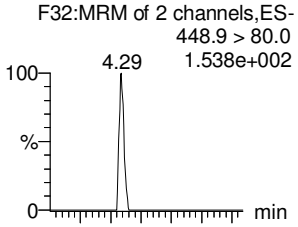

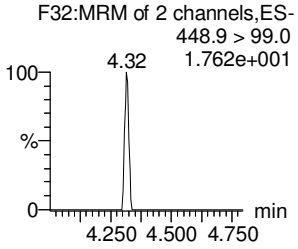

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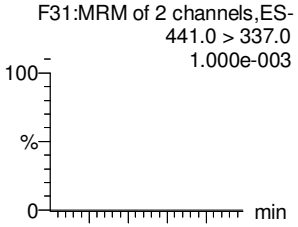

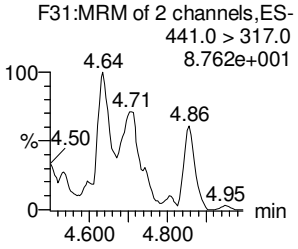

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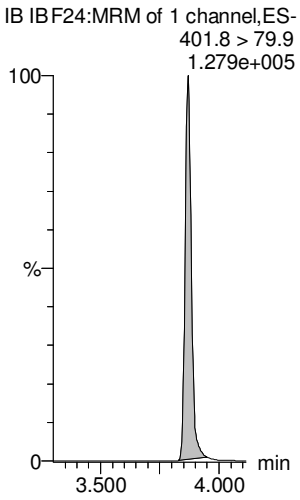
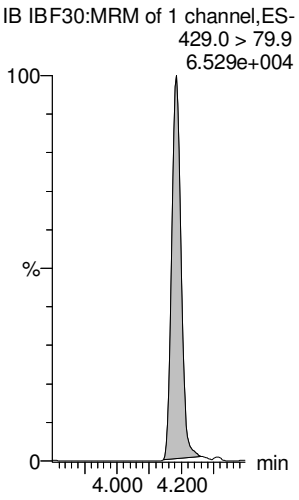


13C2-6:2 FTS-EIS



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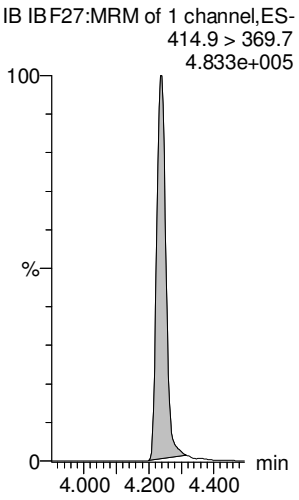

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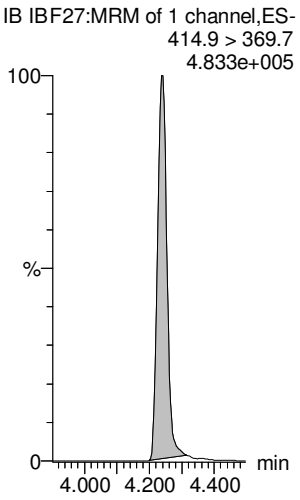

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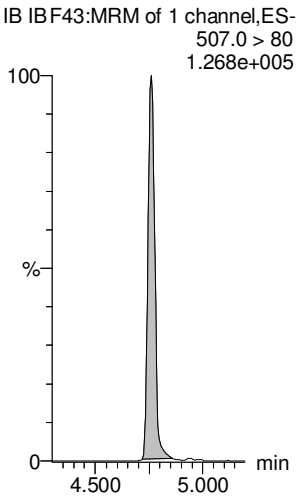

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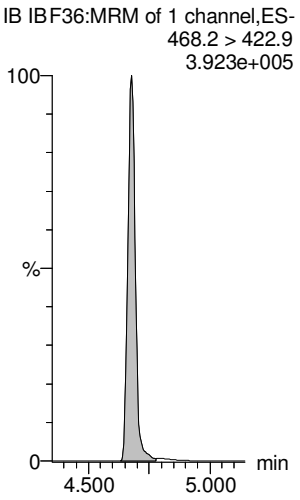

Vista Analytical Laboratory

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Name: 200708M1_13, Date: 08-Jul-2020, Time: 16:53:48, ID: IB, Description: IB

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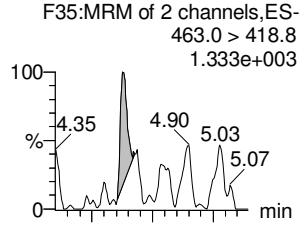

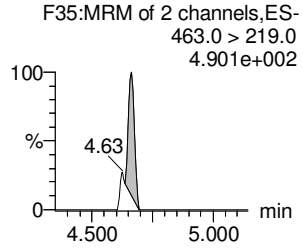

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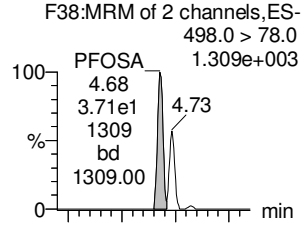

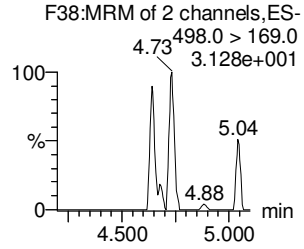

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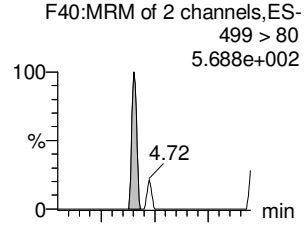

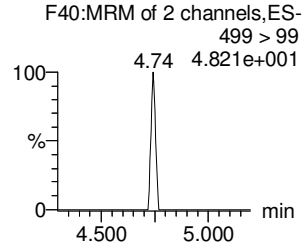

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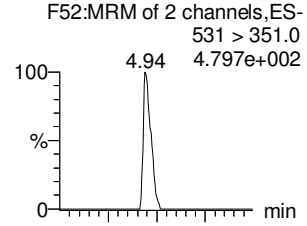

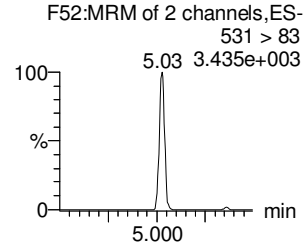

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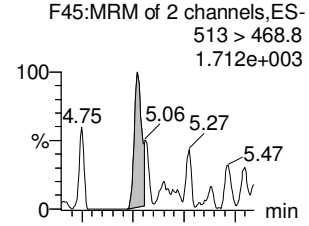
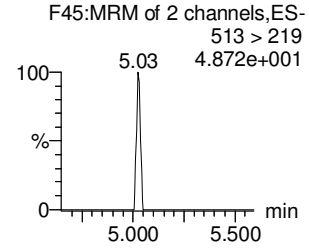
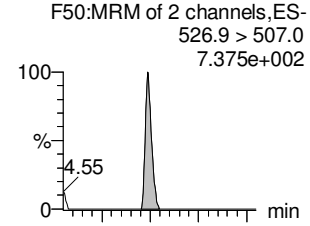
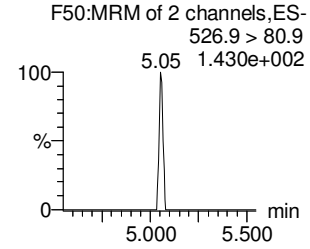




8:2 FTS





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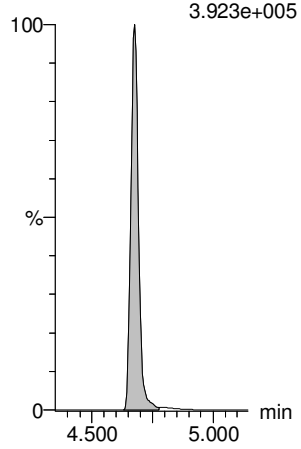

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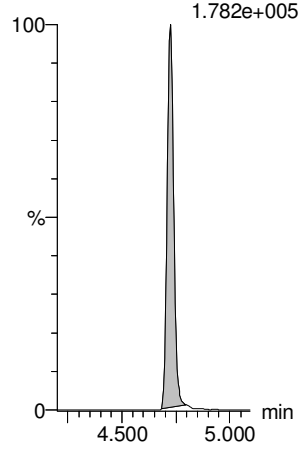

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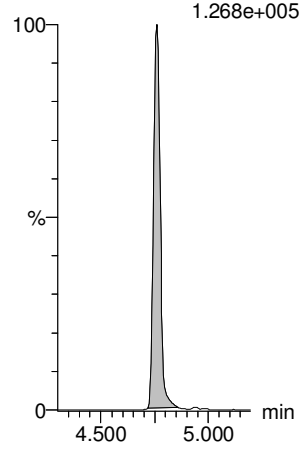

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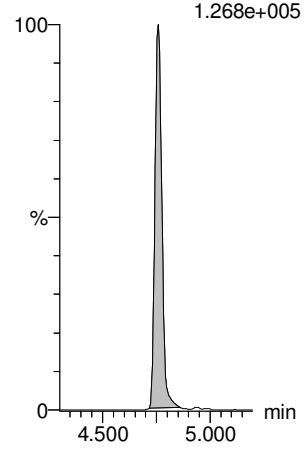

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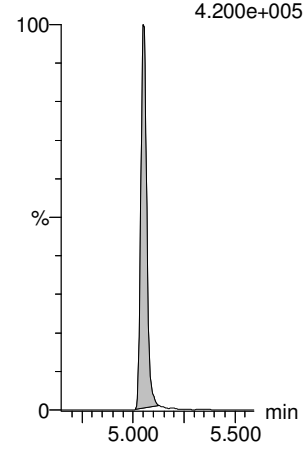
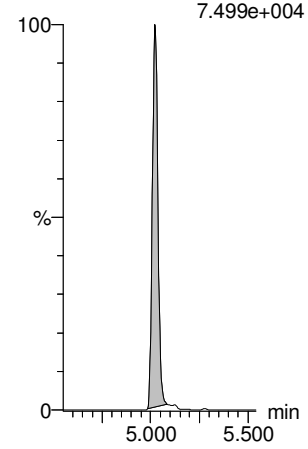


13C2-8:2 FTS-EIS



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Name: 200708M1_13, Date: 08-Jul-2020, Time: 16:53:48, ID: IB, Description: IB

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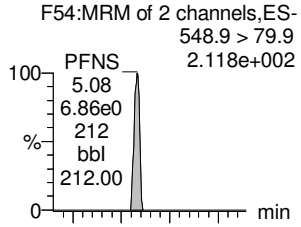

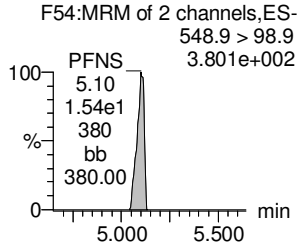

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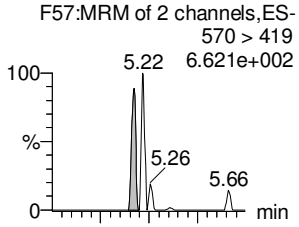

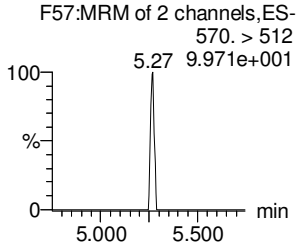

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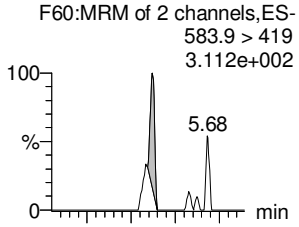

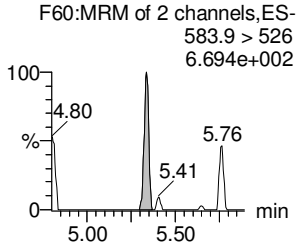

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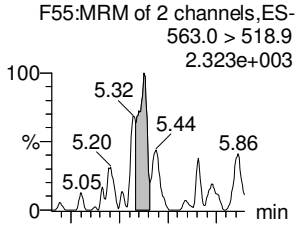
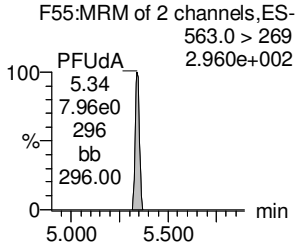
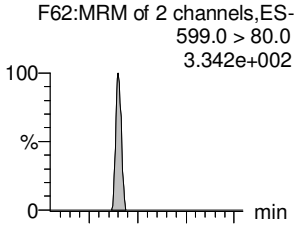
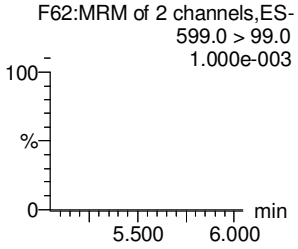




PFDS





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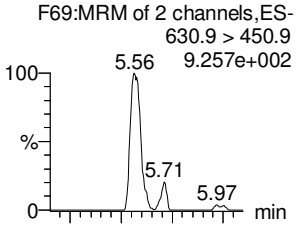

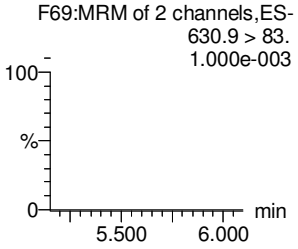

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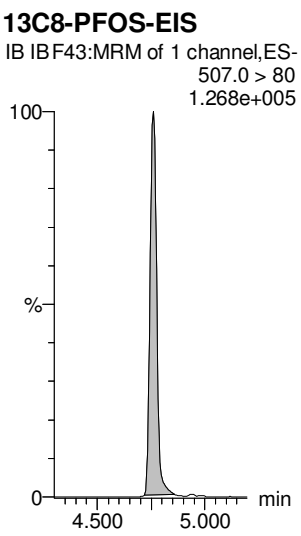

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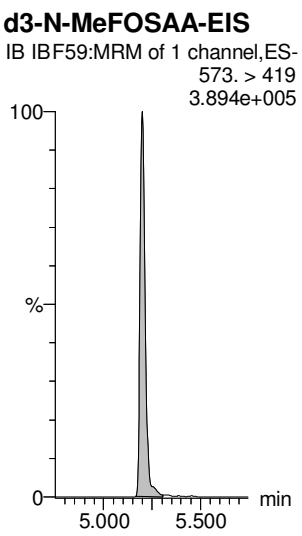

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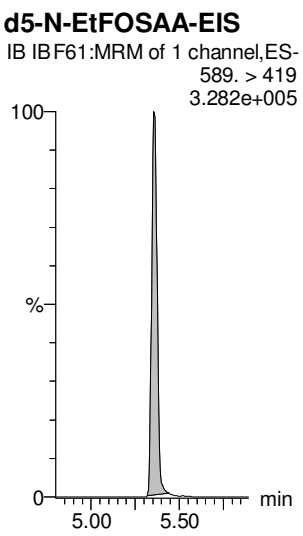
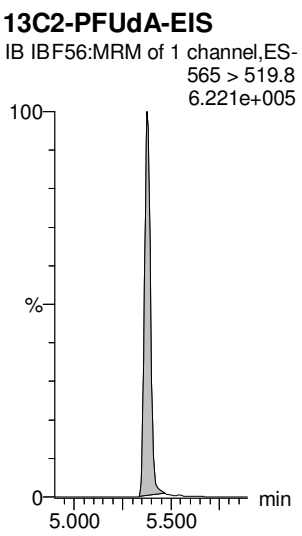


13C2-PFUdA-EIS



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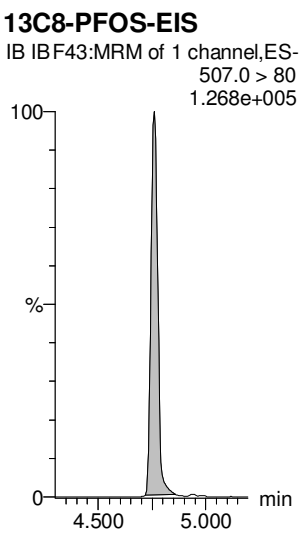

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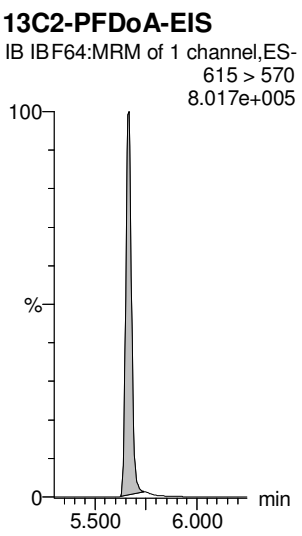

Vista Analytical Laboratory

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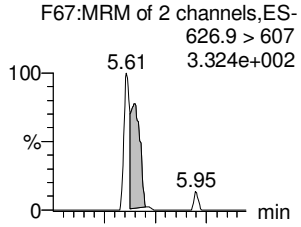
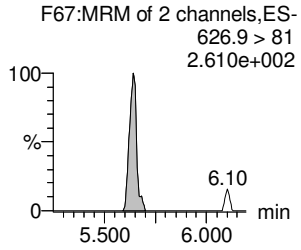
Name: 200708M1_13, Date: 08-Jul-2020, Time: 16:53:48, ID: IB, Description: IB

10:2 FTS





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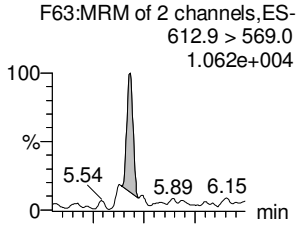

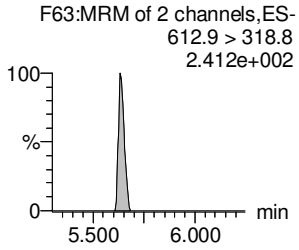

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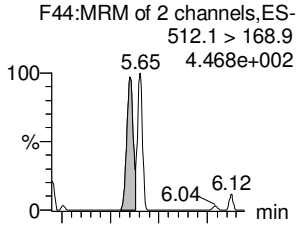

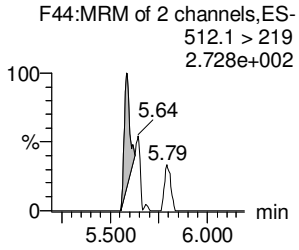

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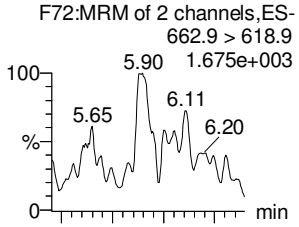

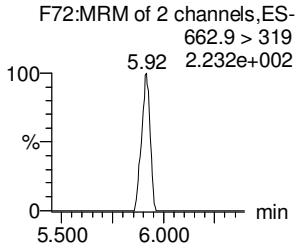

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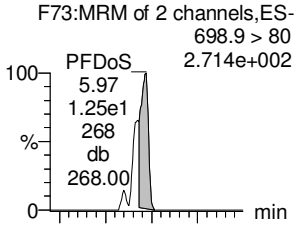

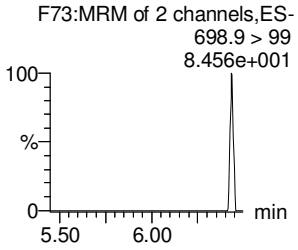

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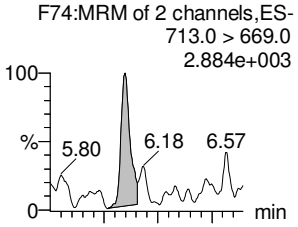

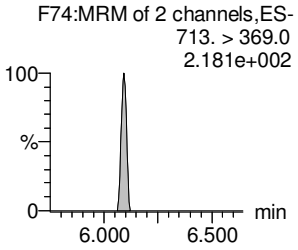

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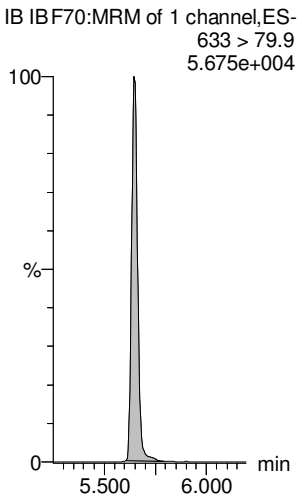

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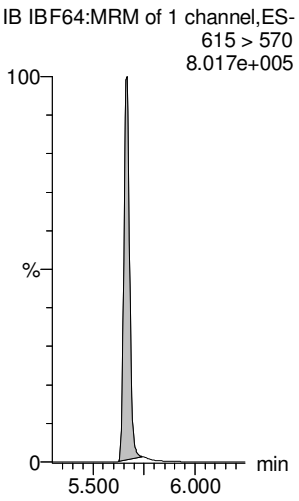

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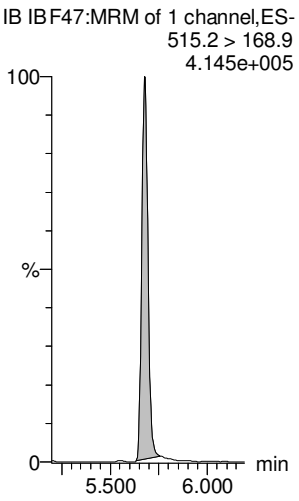

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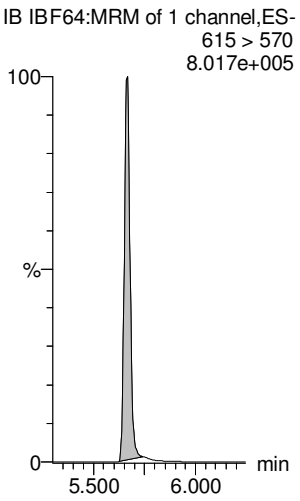

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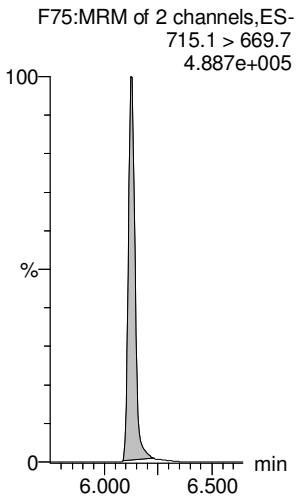

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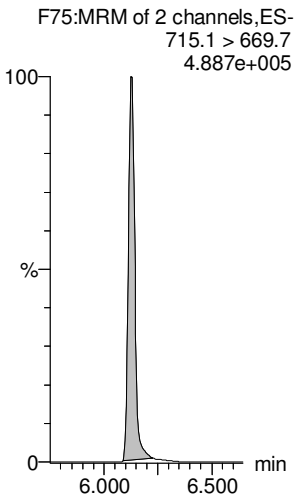

Vista Analytical Laboratory

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Name: 200708M1_13, Date: 08-Jul-2020, Time: 16:53:48, ID: IB, Description: IB

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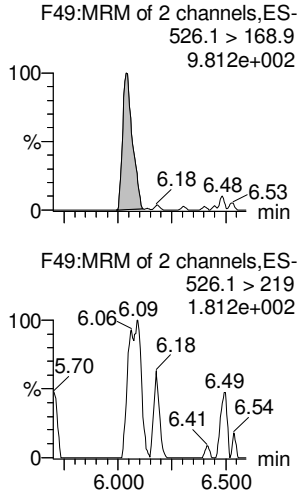

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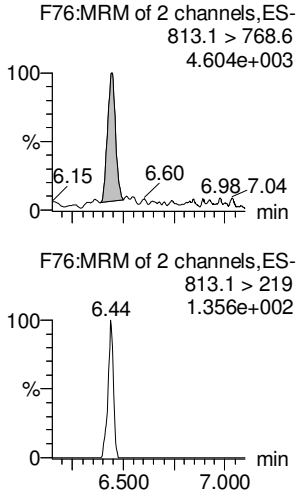

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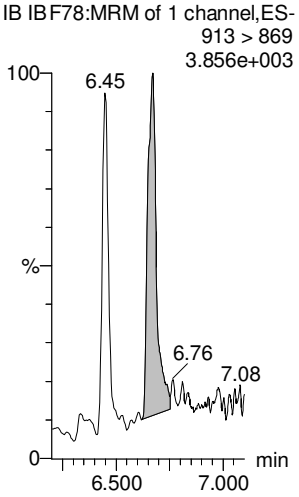

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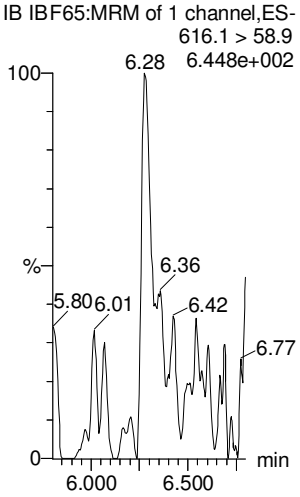

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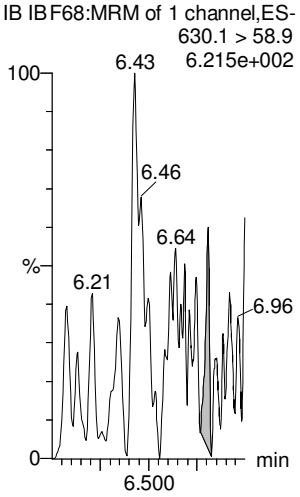

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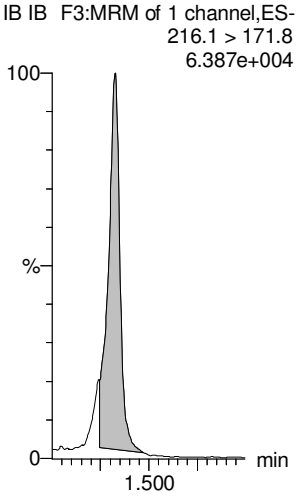

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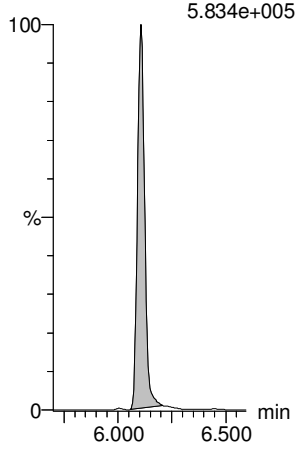

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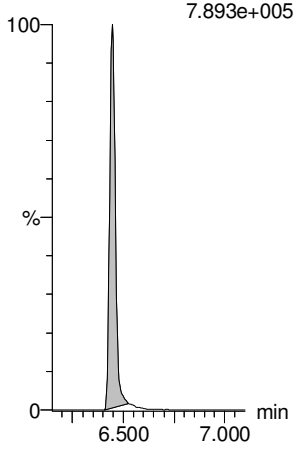

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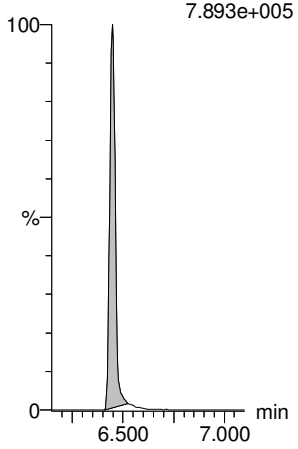

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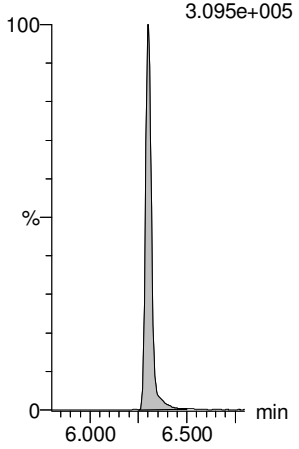

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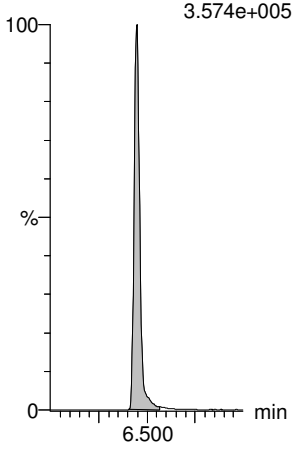

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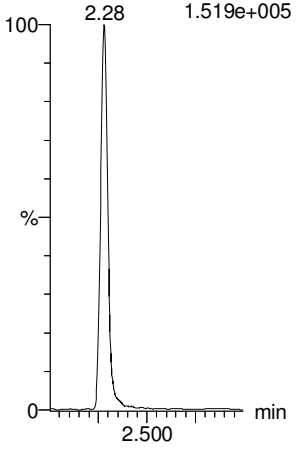

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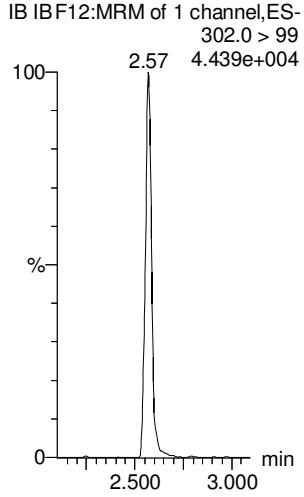

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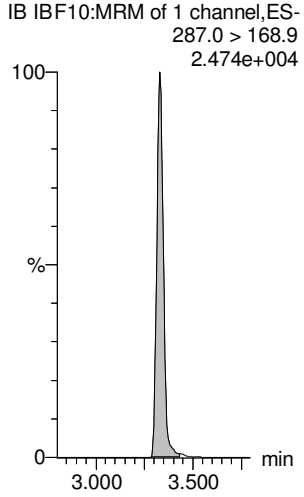

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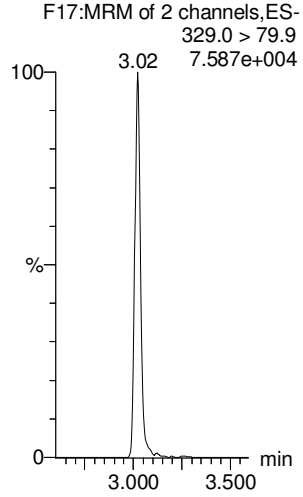

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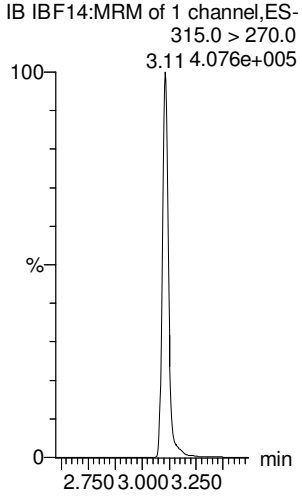

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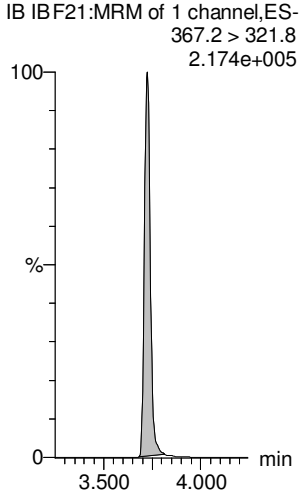

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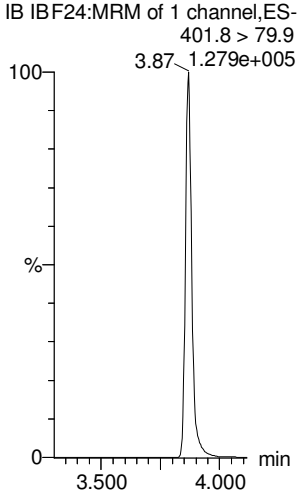

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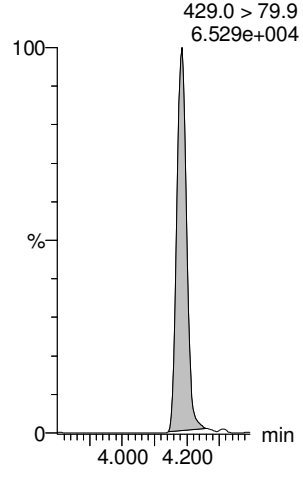

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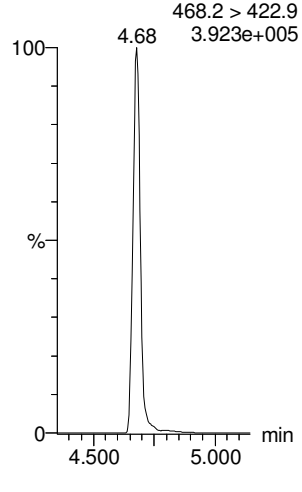

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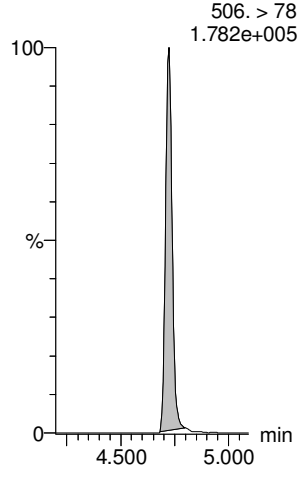

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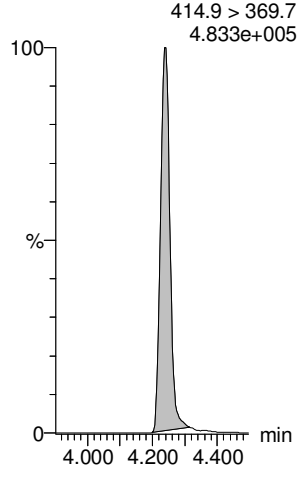

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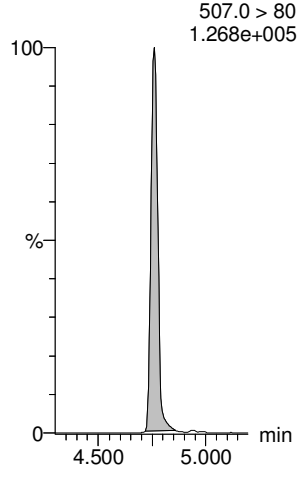

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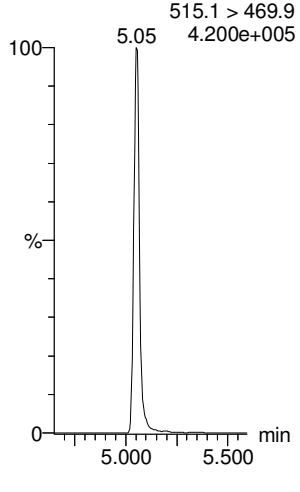

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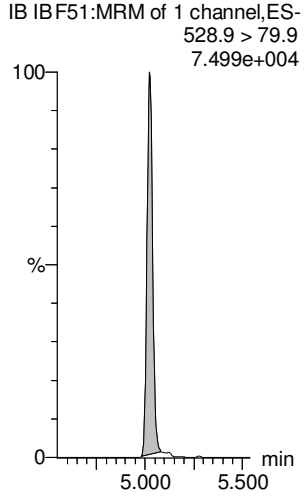
13C2-8:2 FTS-RSD



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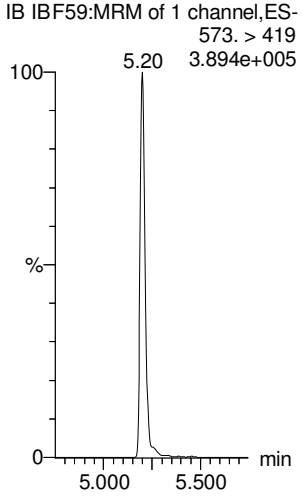
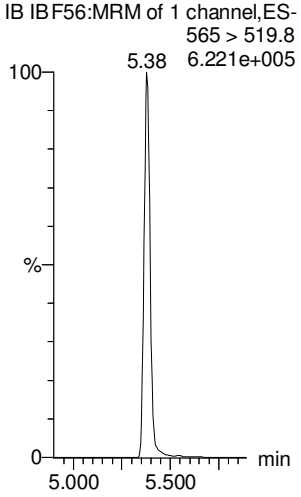


13C2-PFUdA-RSD



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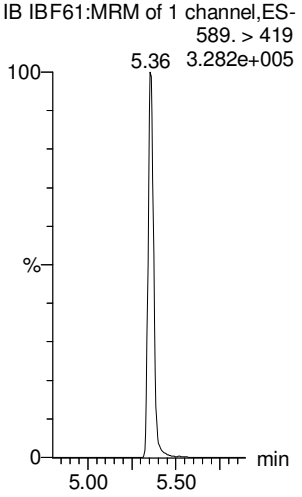

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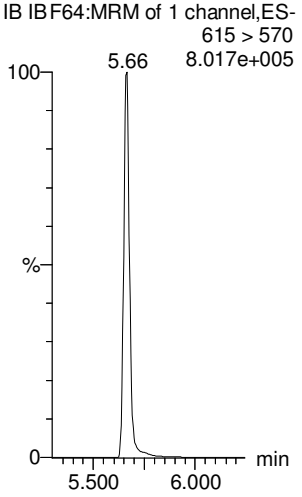

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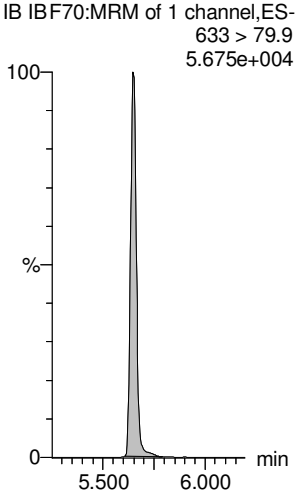

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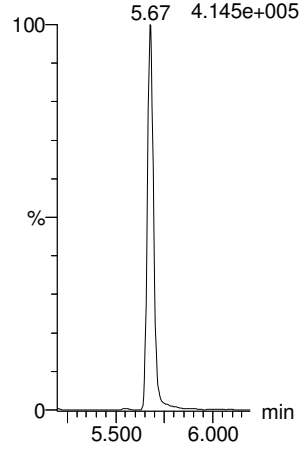

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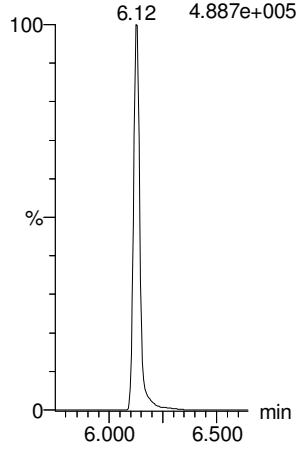
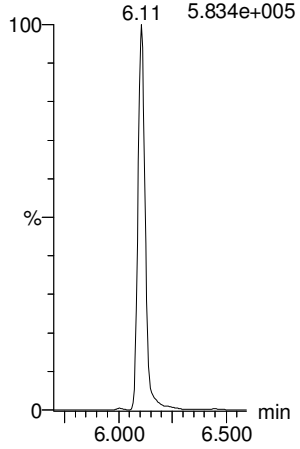
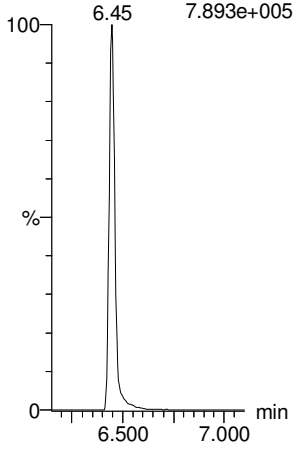


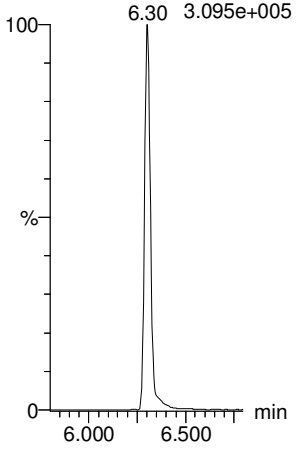
d5-N-ETFOSA-RSD



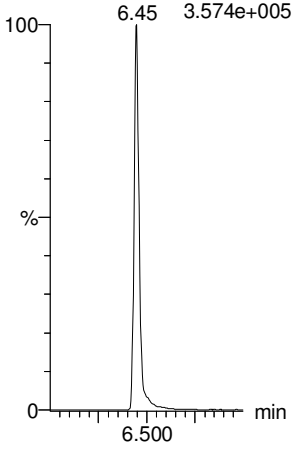
13C2-PFHxDA-RSD



d7-N-MeFOSE-RSD



d9-N-EtFOSE-RSD



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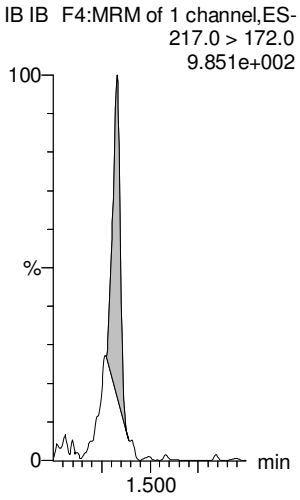
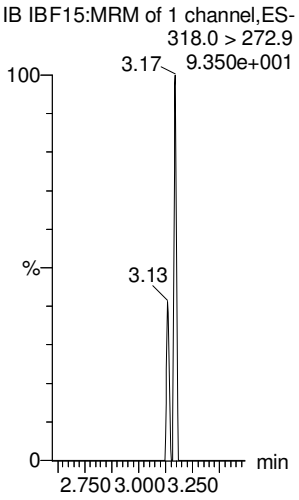
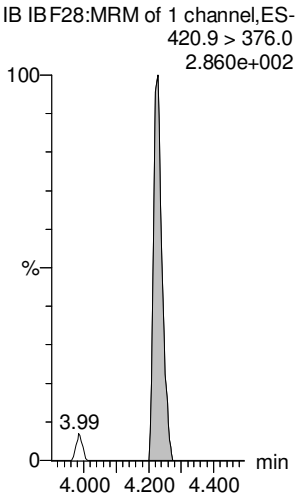
13C4-PFBA



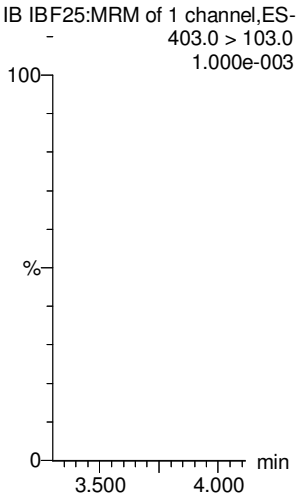
13C5-PFHxA



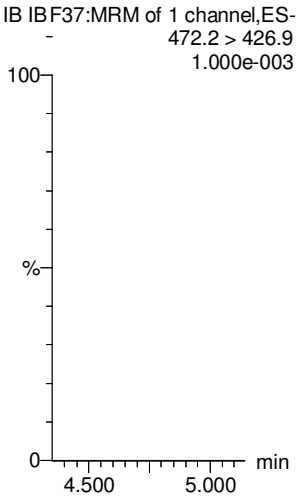
13C8-PFOA



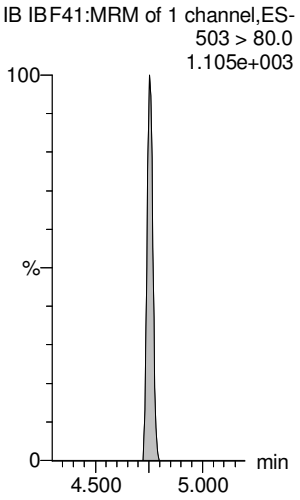
18O2-PFHxS



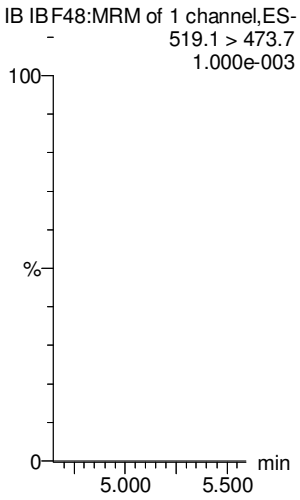
13C9-PFNA



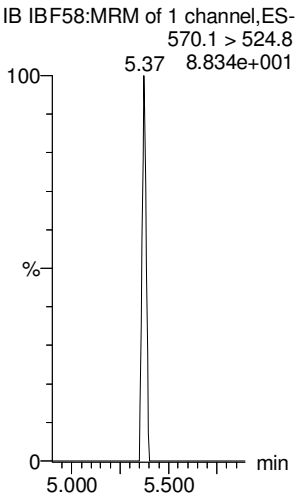
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0	16.928	4251.258	1.00	1.33	0.050		0.145		NO		
2	2	PFPrS	248.9 > 79.9		1602.585	1.00						NO		
3	3	3:3 FTCA	241.1 > 177.0		6508.074	1.00						NO		
4	4	PFPeA	263.1 > 218.9	15.345	6508.074	1.00	2.27	0.029		0.0326		NO		
5	5	PFBS	299.0 > 79.7		1602.585	1.00						NO		
6	6	4:2 FTS	327.0 > 306.9		2472.334	1.00						NO		
7	47	13C3-PFBA-EIS	216.1 > 171.8	4251.258		1.00	1.33	4251.258	12.500	12.9	103.0	NO		
8	51	13C3-PFBS-EIS	302.0 > 99	1602.585		1.00	2.57	1602.585	12.500	12.7	101.9	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	6508.074		1.00	2.28	6508.074	12.500	13.3	106.5	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	6508.074		1.00	2.28	6508.074	12.500	13.3	106.5	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1602.585		1.00	2.57	1602.585	12.500	12.7	101.9	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	2472.334		1.00	3.02	2472.334	12.500	11.8	94.6	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	67.127	12680.526	1.00	3.36	0.066		0.0305		NO		
15	8	PFPeS	349.0 > 80.0		1602.585	1.00						NO		
16	9	HFPO-DA	285.1 > 168.9		950.679	1.00						NO		
17	10	5:3 FTCA	340.9 > 236.9		7364.668	1.00						NO		
18	11	PFHpA	363.0 > 318.9	26.892	7364.668	1.00	3.83	0.046				NO		
19	12	ADONA	376.8 > 250.9	102.999	7364.668	1.00	3.77	0.175				NO	3.074	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	12680.526		1.00	3.11	12680.526	12.500	13.5	107.6	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1602.585		1.00	2.57	1602.585	12.500	12.7	101.9	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	950.679		1.00	3.33	950.679	12.500	13.0	104.3	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	7364.668		1.00	3.72	7364.668	12.500	12.8	102.7	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	7364.668		1.00	3.72	7364.668	12.500	12.8	102.7	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	7364.668		1.00	3.72	7364.668	12.500	12.8	102.7	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0	9.119	3812.256	1.00	3.81	0.030		0.0183		NO		
28	15	6:2 FTS	427 > 407.0	19.505	2169.404	1.00	4.13	0.112		0.0115		NO	3.622	YES
29	16	L-PFOA	412.8 > 368.9	66.095	15530.633	1.00	4.24	0.053				NO	3.989	NO
30	18	PFecHS	460.8 > 381.0	11.725	15530.633	1.00	4.31	0.009		0.0286		NO		
31	19	PFHpS	448.9 > 80.0		4490.212	1.00						NO		
32	20	7:3 FTCA	441.0 > 337.0		14014.592	1.00						NO		
33	61	13C3-PFHxS-EIS	401.8 > 79.9	3812.256		1.00	3.87	3812.256	12.500	13.2	105.6	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	2169.404		1.00	4.18	2169.404	12.500	11.4	91.2	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	15530.633		1.00	4.24	15530.633	12.500	13.7	109.4	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	15530.633		1.00	4.24	15530.633	12.500	13.7	109.4	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73	13C8-PFOS-EIS	507.0 > 80	4490.212		1.00	4.76	4490.212	12.500	14.0	111.7	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	14014.592		1.00	4.68	14014.592	12.500	13.8	110.5	NO		
39	-1													
40	21	PFNA	463.0 > 418.8	34.580	14014.592	1.00	4.63	0.031				NO	2.840	NO
41	22	PFOSA	498.0 > 78.0	37.099	6074.213	1.00	4.68	0.076		0.0380		NO		
42	23	L-PFOS	499 > 80	14.464	4490.212	1.00	4.65	0.040		0.123		NO		
43	25	9Cl-PF30NS	531 > 351.0		4490.212	1.00						NO		
44	26	PFDA	513 > 468.8	67.514	13896.128	1.00	5.02	0.061				NO		
45	27	8:2 FTS	526.9 > 507.0	28.771	2400.689	1.00	4.99	0.150		0.124		NO		
46	65	13C5-PFNA-EIS	468.2 > 422.9	14014.592		1.00	4.68	14014.592	12.500	13.8	110.5	NO		
47	67	13C8-PFOSA-EIS	506. > 78	6074.213		1.00	4.72	6074.213	12.500	13.5	107.6	NO		
48	73	13C8-PFOS-EIS	507.0 > 80	4490.212		1.00	4.76	4490.212	12.500	14.0	111.7	NO		
49	73	13C8-PFOS-EIS	507.0 > 80	4490.212		1.00	4.76	4490.212	12.500	14.0	111.7	NO		
50	75	13C2-PFDA-EIS	515.1 > 469.9	13896.128		1.00	5.05	13896.128	12.500	13.4	106.8	NO		
51	77	13C2-8:2 FTS-EIS	528.9 > 79.9	2400.689		1.00	5.02	2400.689	12.500	12.1	97.0	NO		
52	-1													
53	28	PFNS	548.9 > 79.9	6.856	4490.212	1.00	5.08	0.019				NO	0.445	YES
54	29	L-MeFOSAA	570 > 419	14.111	12432.800	1.00	5.17	0.014		0.106		NO		
55	31	L-EtFOSAA	583.9 > 419	7.225	11431.087	1.00	5.37	0.008		0.0786		NO	0.364	YES
56	33	PFUdA	563.0 > 518.9	119.827	21615.740	1.00	5.38	0.069		0.0225		NO	15.059	YES
57	34	PFDS	599.0 > 80.0	11.735	4490.212	1.00	5.40	0.033		0.137		NO		
58	35	11Cl-PF30UdS	630.9 > 450.9		25488.535	1.00						NO		
59	73	13C8-PFOS-EIS	507.0 > 80	4490.212		1.00	4.76	4490.212	12.500	14.0	111.7	NO		
60	79	d3-N-MeFOSAA-EIS	573. > 419	12432.800		1.00	5.20	12432.800	12.500	13.6	109.1	NO		
61	83	d5-N-EtFOSAA-EIS	589. > 419	11431.087		1.00	5.36	11431.087	12.500	13.5	107.7	NO		
62	81	13C2-PFUdA-EIS	565 > 519.8	21615.740		1.00	5.38	21615.740	12.500	11.9	95.1	NO		
63	73	13C8-PFOS-EIS	507.0 > 80	4490.212		1.00	4.76	4490.212	12.500	14.0	111.7	NO		
64	85	13C2-PFDoA-EIS	615 > 570	25488.535		1.00	5.66	25488.535	12.500	12.6	101.1	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	13.074	1880.699	1.00	5.65	0.087		0.0175		NO	1.263	NO
67	37	PFDoA	612.9 > 569.0	318.773	25488.535	1.00	5.68	0.156				NO	41.292	YES
68	38	N-MeFOSA	512.1 > 168.9	16.402	14627.719	1.00	5.60	0.167		0.0601		NO	2.377	YES
69	39	PFTrDA	662.9 > 618.9		25488.535	1.00						NO		
70	40	PFDoS	698.9 > 80	12.525	16973.871	1.00	5.97	0.009		0.0638		NO		
71	41	PFTeDA	713.0 > 669.0	138.627	16973.871	1.00	6.10	0.102		0.0003...		NO	22.733	YES
72	87	13C2-10:2 FTS-EIS	633 > 79.9	1880.699		1.00	5.65	1880.699	12.500	15.1	121.1	NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85	13C2-PFDoA-EIS	615 > 570	25488.535		1.00	5.66	25488.535	12.500	12.6	101.1	NO		
74	89	d3-N-MeFOSA-EIS	515.2 > 168.9	14627.719		1.00	5.67	14627.719	149.200	141	94.7	NO		
75	85	13C2-PFDoA-EIS	615 > 570	25488.535		1.00	5.66	25488.535	12.500	12.6	101.1	NO		
76	91	13C2-PFTeDA-EIS	715.1 > 669.7	16973.871		1.00	6.12	16973.871	12.500	12.8	102.7	NO		
77	91	13C2-PFTeDA-EIS	715.1 > 669.7	16973.871		1.00	6.12	16973.871	12.500	12.8	102.7	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	50.440	21627.592	1.00	6.04	0.348		0.136		NO		
80	43	PFHxDA	813.1 > 768.6	191.366	24821.662	1.00	6.44	0.096				NO		
81	44	PFODA	913 > 869	165.805	24821.662	1.00	6.67	0.083		0.0962		NO		
82	45	N-MeFOSE	616.1 > 58.9		11113.939	1.00						NO		
83	46	N-EtFOSE	630.1 > 58.9	8.094	11892.700	1.00	6.81	0.102		0.00537		NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	4251.258	38.175	1.00	1.33	1392.029	12.500	2060	16517.8	YES		
85	93	d5-N-ETFOSA-EIS	531.1 > 168.9	21627.592		1.00	6.11	21627.592	149.200	142	95.2	NO		
86	95	13C2-PFHxDA-EIS	815 > 769.7	24821.662		1.00	6.45	24821.662	12.500	12.5	99.7	NO		
87	95	13C2-PFHxDA-EIS	815 > 769.7	24821.662		1.00	6.45	24821.662	12.500	12.5	99.7	NO		
88	97	d7-N-MeFOSE-EIS	623.1 > 58.9	11113.939		1.00	6.30	11113.939	149.200	140	93.6	NO		
89	99	d9-N-EtFOSE-EIS	639.2 > 58.8	11892.700		1.00	6.45	11892.700	149.200	144	96.3	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8			1.00			12.500			NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 99			1.00			12.500			NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	950.679		1.00	3.33		12.500			NO		
94	56	13C2-4:2 FTS-RSD	329.0 >79.9			1.00			12.500			NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0			1.00			12.500			NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8	7364.668		1.00	3.72		12.500			NO		
97	62	13C3-PFHxS-RSD	401.8 > 79.9			1.00			12.500			NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.9	2169.404	33.544	1.00	4.18	808.417	12.500	1490	11959.5	YES		
99	66	13C5-PFNA-RSD	468.2 > 422.9			1.00			12.500			NO		
100	68	13C8-PFOSA-RSD	506. > 78	6074.213		1.00	4.72		12.500			NO		
101	70	13C2-PFOA-RSD	414.9 > 369.7	15530.633	8.872	1.00	4.24	21881.528	12.500	33200	26536...	YES		
102	74	13C8-PFOS-RSD	507.0 > 80	4490.212	33.544	1.00	4.76	1673.255	12.500	1740	13892.6	YES		
103	76	13C2-PFDA-RSD	515.1 > 469.9			1.00			12.500			NO		
104	-1													
105	78	13C2-8:2 FTS-RSD	528.9 > 79.9	2400.689	33.544	1.00	5.02	894.604	12.500	1520	12147.1	YES		
106	80	d3-N-MeFOSAA-RSD	573. > 419			1.00			12.500			NO		
107	82	13C2-PFUdA-RSD	565 > 519.8			1.00			12.500			NO		
108	84	d5-N-EtFOSAA-RSD	589. > 419			1.00			12.500			NO		

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86	13C2-PFDoA-RSD	615 > 570			1.00			12.500			NO		
110	88	13C2-10:2 FTS-RSD	633 > 79.9	1880.699	33.544	1.00	5.65	700.833	12.500	1670	13324.0	YES		
111	90	d3-N-MeFOSA-RSD	515.2 > 168.9			1.00			149.200			NO		
112	92	13C2-PFTeDA-RSD	715.1 > 669.7			1.00			12.500			NO		
113	94	d5-N-ETFOSA-RSD	531.1 > 168.9			1.00			149.200			NO		
114	96	13C2-PFHxDA-RSD	815 > 769.7			1.00			12.500			NO		
115	98	d7-N-MeFOSE-RSD	623.1 > 58.9			1.00			149.200			NO		
116	1...	d9-N-EtFOSE-RSD	639.2 > 58.8			1.00			149.200			NO		
117	-1													
118	1...	13C4-PFBA	217.0 > 172.0	38.175	38.175	1.00	1.33	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9			1.00			12.500			NO		
120	1...	13C8-PFOA	420.9 > 376.0	8.872	8.872	1.00	4.23	12.500	12.500	12.5	100.0	NO		
121	1...	18O2-PFHxS	403.0 > 103.0			1.00			12.500			NO		
122	1...	13C9-PFNA	472.2 > 426.9			1.00			12.500			NO		
123	1...	13C4-PFOS	503 > 80.0	33.544	33.544	1.00	4.75	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7			1.00			12.500			NO		
125	1...	13C7-PFUdA	570.1 > 524.8			1.00			12.500			NO		

Quantify Compound Summary Report **MassLynx MassLynx V4.1 SCN945 SCN960**
Vista Analytical Laboratory

Low point
3:3 FTCA 1.000
MeFOSAA 0.500

High point
3:3 FTCA 100.000
5:3 FTCA 100.000
7:3 FTCA 100.000

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

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7/10/2020

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070920.mdb 10 Jul 2020 10:12:24
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-09-20.cdb 10 Jul 2020 10:31:20

Compound name: PFBA
Coefficient of Determination: R^2 = 0.999820
Calibration curve: -0.000198404 * x^2 + 1.46614 * x + -0.0800975
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	200709M1_3	Standard	0.250	1.33	79.371	3657.299	0.271	0.2	-4.1	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	1.33	250.633	3977.350	0.788	0.6	18.4	NO	1.000	NO	MM
3	200709M1_5	Standard	1.000	1.34	401.992	3793.707	1.325	1.0	-4.2	NO	1.000	NO	MM
4	200709M1_6	Standard	2.000	1.33	913.346	4157.207	2.746	1.9	-3.6	NO	1.000	NO	MM
5	200709M1_7	Standard	5.000	1.33	2293.114	4129.617	6.941	4.8	-4.2	NO	1.000	NO	MM
6	200709M1_8	Standard	10.000	1.34	4651.870	4199.134	13.848	9.5	-4.9	NO	1.000	NO	bb
7	200709M1_9	Standard	50.000	1.33	23112.947	3908.525	73.918	50.8	1.6	NO	1.000	NO	MM
8	200709M1_10	Standard	100.000	1.33	45016.602	3816.987	147.422	102.0	2.0	NO	1.000	NO	MM
9	200709M1_11	Standard	250.000	1.33	119373.727	4270.481	349.415	246.6	-1.4	NO	1.000	NO	MM
10	200709M1_12	Standard	500.000	1.34	230543.297	4206.801	685.032	501.3	0.3	NO	1.000	NO	MM

Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999722
Calibration curve: 0.000498941 * x^2 + 1.6744 * x + -0.0182421
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	1.67	37.184	1432.138	0.325	0.2	-18.1	NO	1.000	NO	MM
2	200709M1_4	Standard	0.500	1.66	102.561	1567.967	0.818	0.5	-0.2	NO	1.000	NO	MM
3	200709M1_5	Standard	1.000	1.66	208.276	1439.564	1.808	1.1	9.1	NO	1.000	NO	MM
4	200709M1_6	Standard	2.000	1.67	403.943	1526.057	3.309	2.0	-0.7	NO	1.000	NO	MM
5	200709M1_7	Standard	5.000	1.67	1073.667	1537.028	8.732	5.2	4.4	NO	1.000	NO	MM
6	200709M1_8	Standard	10.000	1.67	2118.240	1609.688	16.449	9.8	-1.9	NO	1.000	NO	MM
7	200709M1_9	Standard	50.000	1.67	10623.827	1472.360	90.194	53.0	6.1	NO	1.000	NO	MM
8	200709M1_10	Standard	100.000	1.66	21779.949	1622.282	167.819	97.4	-2.6	NO	1.000	NO	MM
9	200709M1_11	Standard	250.000	1.66	52536.816	1467.549	447.488	248.8	-0.5	NO	1.000	NO	bb
10	200709M1_12	Standard	500.000	1.67	100990.063	1310.263	963.452	500.7	0.1	NO	1.000	NO	bb

7R 07/10/2020

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Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.998813
Calibration curve: -0.000120626 * x^2 + 0.0712896 * x + -0.0388086
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	2.13	7.760	6649.767	0.015	0.7	200.0	YES	0.999	NO	MMX
2	200709M1_4	Standard	0.500	2.14	14.174	6503.769	0.027	0.9	85.6	YES	0.999	NO	MMX
3	200709M1_5	Standard	1.000	2.14	16.685	6474.305	0.032	1.0	-0.2	NO	0.999	NO	MM
4	200709M1_6	Standard	2.000	2.13	54.859	6420.968	0.107	2.0	2.5	NO	0.999	NO	bb
5	200709M1_7	Standard	5.000	2.14	179.208	6703.295	0.334	5.3	5.6	NO	0.999	NO	bb
6	200709M1_8	Standard	10.000	2.15	302.878	6366.896	0.595	9.0	-9.8	NO	0.999	NO	bb
7	200709M1_9	Standard	50.000	2.14	1827.336	6918.229	3.302	51.3	2.6	NO	0.999	NO	bb
8	200709M1_10	Standard	100.000	2.14	3214.390	6867.411	5.851	99.3	-0.7	NO	0.999	NO	MM
9	200709M1_11	Standard	250.000	2.14	1789.332	6410.658	3.489	54.5	-78.2	YES	0.999	NO	MMX
10	200709M1_12	Standard	500.000	2.14	3135.739	5924.020	6.617	116.2	-76.8	YES	0.999	NO	MMX

Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999709
Calibration curve: -4.3491e-006 * x^2 + 0.903226 * x + 0.0497715
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	2.28	121.677	6649.767	0.229	0.2	-20.7	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	2.28	248.154	6503.769	0.477	0.5	-5.4	NO	1.000	NO	bb
3	200709M1_5	Standard	1.000	2.29	501.242	6474.305	0.968	1.0	1.6	NO	1.000	NO	MM
4	200709M1_6	Standard	2.000	2.29	1052.546	6420.968	2.049	2.2	10.7	NO	1.000	NO	MM
5	200709M1_7	Standard	5.000	2.29	2523.554	6703.295	4.706	5.2	3.1	NO	1.000	NO	MM
6	200709M1_8	Standard	10.000	2.29	5073.992	6366.896	9.962	11.0	9.7	NO	1.000	NO	MM
7	200709M1_9	Standard	50.000	2.28	25641.324	6918.229	46.329	51.3	2.5	NO	1.000	NO	MM
8	200709M1_10	Standard	100.000	2.28	49592.965	6867.411	90.269	99.9	-0.1	NO	1.000	NO	bb
9	200709M1_11	Standard	250.000	2.28	113532.906	6410.658	221.375	245.3	-1.9	NO	1.000	NO	MM
10	200709M1_12	Standard	500.000	2.29	214477.766	5924.020	452.560	502.2	0.4	NO	1.000	NO	MM

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Compound name: PFBS
Coefficient of Determination: R^2 = 0.999148
Calibration curve: -0.000213343 * x^2 + 2.07972 * x + -0.0463561
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	2.57	55.378	1432.138	0.483	0.3	1.9	NO	0.999	NO	MM
2	200709M1_4	Standard	0.500	2.57	105.722	1567.967	0.843	0.4	-14.5	NO	0.999	NO	bb
3	200709M1_5	Standard	1.000	2.57	229.708	1439.564	1.995	1.0	-1.9	NO	0.999	NO	bb
4	200709M1_6	Standard	2.000	2.57	509.249	1526.057	4.171	2.0	1.4	NO	0.999	NO	bb
5	200709M1_7	Standard	5.000	2.57	1310.153	1537.028	10.655	5.1	3.0	NO	0.999	NO	bb
6	200709M1_8	Standard	10.000	2.58	2513.987	1609.688	19.522	9.4	-5.8	NO	0.999	NO	bb
7	200709M1_9	Standard	50.000	2.57	13338.656	1472.360	113.242	54.8	9.6	NO	0.999	NO	bb
8	200709M1_10	Standard	100.000	2.57	26631.012	1622.282	205.197	99.7	-0.3	NO	0.999	NO	bb
9	200709M1_11	Standard	250.000	2.57	57738.613	1467.549	491.795	242.5	-3.0	NO	0.999	NO	MM
10	200709M1_12	Standard	500.000	2.57	104088.594	1310.263	993.012	503.5	0.7	NO	0.999	NO	bb

Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.998686
Calibration curve: -0.000718254 * x^2 + 2.61162 * x + -0.0047773
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	3.02	120.574	2516.852	0.599	0.2	-7.5	NO	0.999	NO	bb
2	200709M1_4	Standard	0.500	3.02	306.549	2535.489	1.511	0.6	16.1	NO	0.999	NO	bb
3	200709M1_5	Standard	1.000	3.02	456.663	2391.893	2.387	0.9	-8.4	NO	0.999	NO	bb
4	200709M1_6	Standard	2.000	3.02	968.833	2595.402	4.666	1.8	-10.5	NO	0.999	NO	MM
5	200709M1_7	Standard	5.000	3.02	2952.289	2580.058	14.303	5.5	9.7	NO	0.999	NO	MM
6	200709M1_8	Standard	10.000	3.02	4883.166	2490.454	24.509	9.4	-5.9	NO	0.999	NO	MM
7	200709M1_9	Standard	50.000	3.01	26841.553	2489.124	134.794	52.4	4.7	NO	0.999	NO	bb
8	200709M1_10	Standard	100.000	3.01	50459.863	2368.825	266.271	105.0	5.0	NO	0.999	NO	MM
9	200709M1_11	Standard	250.000	3.02	97942.016	2113.701	579.209	237.3	-5.1	NO	0.999	NO	bb
10	200709M1_12	Standard	500.000	3.02	171224.672	1881.425	1137.600	506.0	1.2	NO	0.999	NO	bb

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Compound name: PFHxA
Coefficient of Determination: R^2 = 0.999864
Calibration curve: -0.0001241 * x^2 + 1.09174 * x + 0.0636651
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	3.10	295.518	11914.621	0.310	0.2	-9.7	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	3.10	551.832	11971.933	0.576	0.5	-6.1	NO	1.000	NO	bb
3	200709M1_5	Standard	1.000	3.11	1192.005	11566.269	1.288	1.1	12.2	NO	1.000	NO	bb
4	200709M1_6	Standard	2.000	3.11	2118.083	12197.828	2.171	1.9	-3.5	NO	1.000	NO	bb
5	200709M1_7	Standard	5.000	3.10	5672.905	12115.484	5.853	5.3	6.1	NO	1.000	NO	bb
6	200709M1_8	Standard	10.000	3.11	10408.661	11904.213	10.930	10.0	-0.4	NO	1.000	NO	db
7	200709M1_9	Standard	50.000	3.10	54109.707	12072.503	56.026	51.6	3.1	NO	1.000	NO	bb
8	200709M1_10	Standard	100.000	3.10	107206.594	12588.012	106.457	98.6	-1.4	NO	1.000	NO	bb
9	200709M1_11	Standard	250.000	3.10	238940.016	11309.448	264.093	248.9	-0.4	NO	1.000	NO	bb
10	200709M1_12	Standard	500.000	3.10	444446.875	10774.586	515.619	500.7	0.1	NO	1.000	NO	bb

Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999294
Calibration curve: -0.000854703 * x^2 + 2.33837 * x + -0.000277557
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	3.31	72.509	1432.138	0.633	0.3	8.3	NO	0.999	NO	bb
2	200709M1_4	Standard	0.500	3.31	130.121	1567.967	1.037	0.4	-11.2	NO	0.999	NO	bb
3	200709M1_5	Standard	1.000	3.31	287.012	1439.564	2.492	1.1	6.6	NO	0.999	NO	bb
4	200709M1_6	Standard	2.000	3.31	550.564	1526.057	4.510	1.9	-3.5	NO	0.999	NO	bb
5	200709M1_7	Standard	5.000	3.31	1458.765	1537.028	11.864	5.1	1.7	NO	0.999	NO	bb
6	200709M1_8	Standard	10.000	3.31	2807.636	1609.688	21.803	9.4	-6.4	NO	0.999	NO	bb
7	200709M1_9	Standard	50.000	3.31	14616.720	1472.360	124.093	54.1	8.3	NO	0.999	NO	bb
8	200709M1_10	Standard	100.000	3.31	28222.699	1622.282	217.461	96.4	-3.6	NO	0.999	NO	MM
9	200709M1_11	Standard	250.000	3.31	62185.051	1467.549	529.668	249.2	-0.3	NO	0.999	NO	MM
10	200709M1_12	Standard	500.000	3.31	100305.805	1310.263	956.924	501.0	0.2	NO	0.999	NO	bb

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Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.999750
Calibration curve: 9.6427e-006 * x^2 + 0.935683 * x + 0.00233289
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	3.32	18.245	980.526	0.233	0.2	-1.6	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	3.32	24.500	850.973	0.360	0.4	-23.6	NO	1.000	NO	bb
3	200709M1_5	Standard	1.000	3.32	75.606	984.541	0.960	1.0	2.3	NO	1.000	NO	MM
4	200709M1_6	Standard	2.000	3.32	142.499	854.148	2.085	2.2	11.3	NO	1.000	NO	bb
5	200709M1_7	Standard	5.000	3.33	424.069	978.706	5.416	5.8	15.7	NO	1.000	NO	bb
6	200709M1_8	Standard	10.000	3.32	724.192	1007.477	8.985	9.6	-4.0	NO	1.000	NO	bb
7	200709M1_9	Standard	50.000	3.32	3271.477	860.014	47.550	50.8	1.6	NO	1.000	NO	bb
8	200709M1_10	Standard	100.000	3.32	7232.963	966.244	93.571	99.9	-0.1	NO	1.000	NO	MM
9	200709M1_11	Standard	250.000	3.32	14957.652	804.551	232.391	247.7	-0.9	NO	1.000	NO	bb
10	200709M1_12	Standard	500.000	3.32	28825.428	764.573	471.267	501.1	0.2	NO	1.000	NO	bb

Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.999943
Calibration curve: -0.000375011 * x^2 + 0.328104 * x + 0.000740438
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	3.65	47.823	7324.720	0.082	0.2	-1.4	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	3.66	99.155	7376.703	0.168	0.5	2.0	NO	1.000	NO	bb
3	200709M1_5	Standard	1.000	3.66	196.862	7162.664	0.344	1.0	4.6	NO	1.000	NO	MM
4	200709M1_6	Standard	2.000	3.66	344.259	6803.104	0.633	1.9	-3.5	NO	1.000	NO	bb
5	200709M1_7	Standard	5.000	3.66	951.705	7433.795	1.600	4.9	-1.9	NO	1.000	NO	MM
6	200709M1_8	Standard	10.000	3.66	1844.958	7034.909	3.278	10.1	1.1	NO	1.000	NO	MM
7	200709M1_9	Standard	50.000	3.65	9405.143	7595.590	15.478	50.0	0.1	NO	1.000	NO	bb
8	200709M1_10	Standard	100.000	3.65	16908.682	7274.509	29.055	100.0	-0.0	NO	1.000	NO	bb
9	200709M1_11	Standard	250.000	3.66	9317.848	6548.747	17.786	58.1	-76.8	YES	1.000	NO	bbX
10	200709M1_12	Standard	500.000	3.66	16438.342	5771.560	35.602	126.9	-74.6	YES	1.000	NO	bbX

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Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999664
Calibration curve: 6.95345e-005 * x^2 + 1.18165 * x + 0.0881763
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	3.72	212.655	7324.720	0.363	0.2	-7.0	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	3.72	365.099	7376.703	0.619	0.4	-10.2	NO	1.000	NO	bb
3	200709M1_5	Standard	1.000	3.72	710.814	7162.664	1.240	1.0	-2.5	NO	1.000	NO	MM
4	200709M1_6	Standard	2.000	3.72	1448.899	6803.104	2.662	2.2	8.9	NO	1.000	NO	bb
5	200709M1_7	Standard	5.000	3.72	3734.028	7433.795	6.279	5.2	4.7	NO	1.000	NO	bb
6	200709M1_8	Standard	10.000	3.72	7010.421	7034.909	12.456	10.5	4.6	NO	1.000	NO	bb
7	200709M1_9	Standard	50.000	3.72	36372.996	7595.590	59.859	50.4	0.9	NO	1.000	NO	MM
8	200709M1_10	Standard	100.000	3.72	71051.211	7274.509	122.089	102.6	2.6	NO	1.000	NO	MM
9	200709M1_11	Standard	250.000	3.72	153015.844	6548.747	292.071	243.6	-2.6	NO	1.000	NO	bb
10	200709M1_12	Standard	500.000	3.72	282338.938	5771.560	611.487	502.6	0.5	NO	1.000	NO	MM

Compound name: ADONA
Coefficient of Determination: R^2 = 0.999372
Calibration curve: 0.000426906 * x^2 + 4.62742 * x + 0.24871
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	3.83	660.683	7324.720	1.127	0.2	-24.0	NO	0.999	NO	MM
2	200709M1_4	Standard	0.500	3.83	1493.726	7376.703	2.531	0.5	-1.4	NO	0.999	NO	MM
3	200709M1_5	Standard	1.000	3.83	2837.147	7162.664	4.951	1.0	1.6	NO	0.999	NO	MM
4	200709M1_6	Standard	2.000	3.83	5771.047	6803.104	10.604	2.2	11.9	NO	0.999	NO	MM
5	200709M1_7	Standard	5.000	3.83	14467.691	7433.795	24.328	5.2	4.0	NO	0.999	NO	bb
6	200709M1_8	Standard	10.000	3.83	27843.914	7034.909	49.475	10.6	6.3	NO	0.999	NO	MM
7	200709M1_9	Standard	50.000	3.83	141799.922	7595.590	233.359	50.1	0.3	NO	0.999	NO	bb
8	200709M1_10	Standard	100.000	3.82	283126.719	7274.509	486.505	104.1	4.1	NO	0.999	NO	bb
9	200709M1_11	Standard	250.000	3.83	598566.625	6548.747	1142.521	241.5	-3.4	NO	0.999	NO	bb
10	200709M1_12	Standard	500.000	3.83	1125376.125	5771.560	2437.331	503.3	0.7	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

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Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.999607
Calibration curve: 1.01119e-005 * x^2 + 1.06156 * x + -0.00734805
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	3.86	60.641	3592.434	0.211	0.2	-17.7	NO	1.000	NO	MM
2	200709M1_4	Standard	0.500	3.86	140.868	3559.177	0.495	0.5	-5.4	NO	1.000	NO	MM
3	200709M1_5	Standard	1.000	3.86	356.435	3408.723	1.307	1.2	23.8	NO	1.000	NO	MM
4	200709M1_6	Standard	2.000	3.87	565.434	3780.093	1.870	1.8	-11.6	NO	1.000	NO	MM
5	200709M1_7	Standard	5.000	3.86	1663.740	3689.630	5.637	5.3	6.3	NO	1.000	NO	MM
6	200709M1_8	Standard	10.000	3.86	3104.934	3719.503	10.435	9.8	-1.6	NO	1.000	NO	MM
7	200709M1_9	Standard	50.000	3.86	16031.627	3628.356	55.230	52.0	4.0	NO	1.000	NO	MM
8	200709M1_10	Standard	100.000	3.86	30341.697	3525.072	107.592	101.3	1.3	NO	1.000	NO	MM
9	200709M1_11	Standard	250.000	3.86	70254.156	3379.712	259.838	244.2	-2.3	NO	1.000	NO	MM
10	200709M1_12	Standard	500.000	3.86	127144.383	2965.636	535.907	502.4	0.5	NO	1.000	NO	MM

Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.999036
Calibration curve: -0.00110537 * x^2 + 3.0677 * x + 0.00785961
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	4.17	123.732	2054.375	0.753	0.2	-2.9	NO	0.999	NO	bb
2	200709M1_4	Standard	0.500	4.18	245.009	1919.043	1.596	0.5	3.6	NO	0.999	NO	bb
3	200709M1_5	Standard	1.000	4.18	521.184	2123.431	3.068	1.0	-0.2	NO	0.999	NO	bb
4	200709M1_6	Standard	2.000	4.18	1129.995	2318.704	6.092	2.0	-0.8	NO	0.999	NO	MM
5	200709M1_7	Standard	5.000	4.18	2766.118	2400.848	14.402	4.7	-6.0	NO	0.999	NO	bb
6	200709M1_8	Standard	10.000	4.18	5361.767	2162.040	30.999	10.1	1.4	NO	0.999	NO	MM
7	200709M1_9	Standard	50.000	4.17	26634.133	2075.463	160.411	53.3	6.6	NO	0.999	NO	MM
8	200709M1_10	Standard	100.000	4.17	53450.871	2202.190	303.396	102.7	2.7	NO	0.999	NO	MM
9	200709M1_11	Standard	250.000	4.18	105800.195	1976.866	668.989	238.6	-4.6	NO	0.999	NO	MM
10	200709M1_12	Standard	500.000	4.18	179466.406	1767.190	1269.433	506.1	1.2	NO	0.999	NO	MM

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Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999873
Calibration curve: -0.000246492 * x^2 + 1.45009 * x + 0.0677552
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	4.23	508.312	14401.490	0.441	0.3	3.0	NO	1.000	NO	MM
2	200709M1_4	Standard	0.500	4.23	946.246	15288.668	0.774	0.5	-2.6	NO	1.000	NO	bb
3	200709M1_5	Standard	1.000	4.23	1739.639	15340.857	1.417	0.9	-6.9	NO	1.000	NO	bb
4	200709M1_6	Standard	2.000	4.23	3569.559	15275.036	2.921	2.0	-1.6	NO	1.000	NO	MM
5	200709M1_7	Standard	5.000	4.23	9635.277	15662.250	7.690	5.3	5.2	NO	1.000	NO	bb
6	200709M1_8	Standard	10.000	4.23	17651.523	14981.508	14.728	10.1	1.3	NO	1.000	NO	bb
7	200709M1_9	Standard	50.000	4.23	91427.969	15371.889	74.347	51.7	3.4	NO	1.000	NO	bb
8	200709M1_10	Standard	100.000	4.23	172377.688	15298.850	140.842	98.7	-1.3	NO	1.000	NO	bb
9	200709M1_11	Standard	250.000	4.23	375588.469	13611.824	344.910	248.3	-0.7	NO	1.000	NO	bb
10	200709M1_12	Standard	500.000	4.23	663765.375	12481.816	664.732	501.0	0.2	NO	1.000	NO	bb

Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999818
Calibration curve: -4.36367e-005 * x^2 + 0.4535 * x + -0.0103264
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	4.24	147.949	14401.490	0.128	0.3	22.4	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	4.25	241.495	15288.668	0.197	0.5	-8.4	NO	1.000	NO	bb
3	200709M1_5	Standard	1.000	4.25	504.825	15340.857	0.411	0.9	-7.0	NO	1.000	NO	bb
4	200709M1_6	Standard	2.000	4.25	1082.530	15275.036	0.886	2.0	-1.2	NO	1.000	NO	bb
5	200709M1_7	Standard	5.000	4.25	2800.495	15662.250	2.235	5.0	-0.9	NO	1.000	NO	bb
6	200709M1_8	Standard	10.000	4.25	5210.884	14981.508	4.348	9.6	-3.8	NO	1.000	NO	bb
7	200709M1_9	Standard	50.000	4.24	27512.547	15371.889	22.372	49.6	-0.8	NO	1.000	NO	bb
8	200709M1_10	Standard	100.000	4.25	54013.777	15298.850	44.132	98.3	-1.7	NO	1.000	NO	bb
9	200709M1_11	Standard	250.000	4.25	122672.484	13611.824	112.653	254.7	1.9	NO	1.000	NO	MM
10	200709M1_12	Standard	500.000	4.25	214686.641	12481.816	214.999	498.0	-0.4	NO	1.000	NO	MM

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Compound name: PFHpS
Coefficient of Determination: R^2 = 0.999581
Calibration curve: -0.000198329 * x^2 + 0.919437 * x + -0.0546783
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	4.34	59.987	3881.924	0.193	0.3	7.8	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	4.34	160.836	3883.624	0.518	0.6	24.5	NO	1.000	NO	bb
3	200709M1_5	Standard	1.000	4.34	235.542	4158.617	0.708	0.8	-17.0	NO	1.000	NO	bb
4	200709M1_6	Standard	2.000	4.34	624.555	4436.310	1.760	2.0	-1.3	NO	1.000	NO	bb
5	200709M1_7	Standard	5.000	4.34	1465.790	4570.278	4.009	4.4	-11.5	NO	1.000	NO	MM
6	200709M1_8	Standard	10.000	4.34	2773.602	3831.038	9.050	9.9	-0.8	NO	1.000	NO	MM
7	200709M1_9	Standard	50.000	4.34	15281.184	4420.276	43.213	47.5	-4.9	NO	1.000	NO	bb
8	200709M1_10	Standard	100.000	4.34	29321.639	3969.252	92.340	102.8	2.8	NO	1.000	NO	MM
9	200709M1_11	Standard	250.000	4.34	65977.297	3769.773	218.771	251.7	0.7	NO	1.000	NO	MM
10	200709M1_12	Standard	500.000	4.34	109425.859	3343.156	409.141	498.7	-0.3	NO	1.000	NO	MM

Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.998481
Calibration curve: -0.000278273 * x^2 + 0.314429 * x + -0.0315853
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	4.65	52.562	12885.063	0.051	0.3	5.1	NO	0.998	NO	bb
2	200709M1_4	Standard	0.500	4.65	127.572	13716.421	0.116	0.5	-5.9	NO	0.998	NO	bb
3	200709M1_5	Standard	1.000	4.65	281.566	11607.762	0.303	1.1	6.6	NO	0.998	NO	bb
4	200709M1_6	Standard	2.000	4.65	693.848	13158.874	0.659	2.2	10.0	NO	0.998	NO	bb
5	200709M1_7	Standard	5.000	4.65	1553.170	14488.598	1.340	4.4	-12.4	NO	0.998	NO	bb
6	200709M1_8	Standard	10.000	4.65	3151.316	13630.438	2.890	9.4	-6.3	NO	0.998	NO	bb
7	200709M1_9	Standard	50.000	4.65	17051.863	13699.181	15.559	52.0	4.0	NO	0.998	NO	bb
8	200709M1_10	Standard	100.000	4.65	29972.467	13204.276	28.374	99.0	-1.0	NO	0.998	NO	bb
9	200709M1_11	Standard	250.000	4.65	16526.541	11391.600	18.135	61.1	-75.6	YES	0.998	NO	bbX
10	200709M1_12	Standard	500.000	4.65	28116.115	11099.348	31.664	111.9	-77.6	YES	0.998	NO	bbX

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Compound name: PFNA
Coefficient of Determination: R^2 = 0.999726
Calibration curve: -7.36061e-005 * x^2 + 1.26827 * x + 0.0481579
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	4.67	344.172	12885.063	0.334	0.2	-9.9	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	4.67	667.080	13716.421	0.608	0.4	-11.7	NO	1.000	NO	bb
3	200709M1_5	Standard	1.000	4.67	1442.871	11607.762	1.554	1.2	18.7	NO	1.000	NO	bb
4	200709M1_6	Standard	2.000	4.67	3000.834	13158.874	2.851	2.2	10.5	NO	1.000	NO	MM
5	200709M1_7	Standard	5.000	4.67	7506.550	14488.598	6.476	5.1	1.4	NO	1.000	NO	MM
6	200709M1_8	Standard	10.000	4.67	12717.206	13630.438	11.663	9.2	-8.4	NO	1.000	NO	MM
7	200709M1_9	Standard	50.000	4.66	69349.664	13699.181	63.279	50.0	0.0	NO	1.000	NO	bb
8	200709M1_10	Standard	100.000	4.66	130722.156	13204.276	123.750	98.1	-1.9	NO	1.000	NO	bb
9	200709M1_11	Standard	250.000	4.67	289298.875	11391.600	317.448	254.0	1.6	NO	1.000	NO	bb
10	200709M1_12	Standard	500.000	4.67	545033.938	11099.348	613.813	498.4	-0.3	NO	1.000	NO	bb

Compound name: PFOSA
Coefficient of Determination: R^2 = 0.998053
Calibration curve: 1.74263e-005 * x^2 + 0.896105 * x + 0.0324862
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	4.72	90.332	4880.092	0.231	0.2	-11.2	NO	0.998	NO	MM
2	200709M1_4	Standard	0.500	4.71	171.927	5078.572	0.423	0.4	-12.8	NO	0.998	NO	MM
3	200709M1_5	Standard	1.000	4.72	422.559	5024.635	1.051	1.1	13.7	NO	0.998	NO	MM
4	200709M1_6	Standard	2.000	4.72	809.655	5047.584	2.005	2.2	10.1	NO	0.998	NO	bb
5	200709M1_7	Standard	5.000	4.72	1997.729	5386.206	4.636	5.1	2.7	NO	0.998	NO	bb
6	200709M1_8	Standard	10.000	4.71	3910.048	5170.379	9.453	10.5	5.1	NO	0.998	NO	bb
7	200709M1_9	Standard	50.000	4.71	20635.273	5385.405	47.896	53.4	6.7	NO	0.998	NO	bb
8	200709M1_10	Standard	100.000	4.71	40033.309	5283.499	94.713	105.4	5.4	NO	0.998	NO	bb
9	200709M1_11	Standard	250.000	4.71	85388.391	5075.186	210.309	233.6	-6.6	NO	0.998	NO	bb
10	200709M1_12	Standard	500.000	4.71	170362.516	4643.858	458.569	506.7	1.3	NO	0.998	NO	MM

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Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.999050
Calibration curve: 9.15394e-005 * x^2 + 0.974978 * x + -0.00569806
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	4.75	86.087	3881.924	0.277	0.3	16.1	NO	0.999	NO	MM
2	200709M1_4	Standard	0.500	4.75	152.737	3883.624	0.492	0.5	2.0	NO	0.999	NO	MM
3	200709M1_5	Standard	1.000	4.75	290.607	4158.617	0.874	0.9	-9.8	NO	0.999	NO	MM
4	200709M1_6	Standard	2.000	4.75	606.511	4436.310	1.709	1.8	-12.1	NO	0.999	NO	MM
5	200709M1_7	Standard	5.000	4.75	1677.503	4570.278	4.588	4.7	-5.8	NO	0.999	NO	MM
6	200709M1_8	Standard	10.000	4.75	3320.977	3831.038	10.836	11.1	11.1	NO	0.999	NO	MM
7	200709M1_9	Standard	50.000	4.75	15820.171	4420.276	44.738	45.7	-8.6	NO	0.999	NO	MM
8	200709M1_10	Standard	100.000	4.75	33044.348	3969.252	104.064	105.7	5.7	NO	0.999	NO	MM
9	200709M1_11	Standard	250.000	4.75	74501.172	3769.773	247.035	247.6	-1.0	NO	0.999	NO	MM
10	200709M1_12	Standard	500.000	4.75	136629.453	3343.156	510.855	500.5	0.1	NO	0.999	NO	MM

Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.999322
Calibration curve: -0.000407805 * x^2 + 3.59575 * x + -0.0175456
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	4.97	287.726	3881.924	0.926	0.3	5.0	NO	0.999	NO	bb
2	200709M1_4	Standard	0.500	4.97	556.850	3883.624	1.792	0.5	0.7	NO	0.999	NO	bb
3	200709M1_5	Standard	1.000	4.97	1217.586	4158.617	3.660	1.0	2.3	NO	0.999	NO	MM
4	200709M1_6	Standard	2.000	4.97	2349.931	4436.310	6.621	1.8	-7.7	NO	0.999	NO	bb
5	200709M1_7	Standard	5.000	4.97	6238.916	4570.278	17.064	4.8	-4.9	NO	0.999	NO	MM
6	200709M1_8	Standard	10.000	4.97	11808.833	3831.038	38.530	10.7	7.3	NO	0.999	NO	MM
7	200709M1_9	Standard	50.000	4.97	57821.559	4420.276	163.512	45.7	-8.6	NO	0.999	NO	MM
8	200709M1_10	Standard	100.000	4.96	116862.984	3969.252	368.026	103.6	3.6	NO	0.999	NO	MM
9	200709M1_11	Standard	250.000	4.97	264850.656	3769.773	878.205	251.4	0.6	NO	0.999	NO	MM
10	200709M1_12	Standard	500.000	4.97	452661.000	3343.156	1692.491	498.9	-0.2	NO	0.999	NO	MM

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Compound name: PFDA
Coefficient of Determination: R^2 = 0.999523
Calibration curve: -0.000131564 * x^2 + 1.43014 * x + 0.0671746
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	5.04	367.868	13773.276	0.334	0.2	-25.4	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	5.04	893.683	13734.601	0.813	0.5	4.4	NO	1.000	NO	bb
3	200709M1_5	Standard	1.000	5.04	1768.868	13157.589	1.680	1.1	12.8	NO	1.000	NO	bb
4	200709M1_6	Standard	2.000	5.04	3461.475	13612.348	3.179	2.2	8.8	NO	1.000	NO	bb
5	200709M1_7	Standard	5.000	5.04	9443.140	14593.155	8.089	5.6	12.2	NO	1.000	NO	bb
6	200709M1_8	Standard	10.000	5.04	17294.213	14230.561	15.191	10.6	5.9	NO	1.000	NO	bb
7	200709M1_9	Standard	50.000	5.04	81541.523	14326.585	71.145	49.9	-0.1	NO	1.000	NO	bb
8	200709M1_10	Standard	100.000	5.04	152204.578	13110.102	145.121	102.4	2.4	NO	1.000	NO	bb
9	200709M1_11	Standard	250.000	5.04	353072.500	12977.833	340.073	243.2	-2.7	NO	1.000	NO	bb
10	200709M1_12	Standard	500.000	5.04	620473.375	11302.531	686.211	503.1	0.6	NO	1.000	NO	bb

Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.999827
Calibration curve: -0.00113831 * x^2 + 2.5895 * x + 0.0602266
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	5.01	139.145	2446.843	0.711	0.3	0.5	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	5.01	274.667	2540.305	1.352	0.5	-0.2	NO	1.000	NO	bb
3	200709M1_5	Standard	1.000	5.01	388.199	1991.698	2.436	0.9	-8.2	NO	1.000	NO	bb
4	200709M1_6	Standard	2.000	5.01	915.151	2258.951	5.064	1.9	-3.3	NO	1.000	NO	bb
5	200709M1_7	Standard	5.000	5.01	2496.001	2138.403	14.590	5.6	12.5	NO	1.000	NO	MM
6	200709M1_8	Standard	10.000	5.01	4643.131	2290.864	25.335	9.8	-2.0	NO	1.000	NO	MM
7	200709M1_9	Standard	50.000	5.01	23171.541	2260.021	128.160	50.6	1.2	NO	1.000	NO	bb
8	200709M1_10	Standard	100.000	5.01	43306.797	2182.157	248.073	100.2	0.2	NO	1.000	NO	bb
9	200709M1_11	Standard	250.000	5.01	94002.586	2056.072	571.494	247.6	-0.9	NO	1.000	NO	MM
10	200709M1_12	Standard	500.000	5.01	159671.953	1971.476	1012.388	501.5	0.3	NO	1.000	NO	MM

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Compound name: PFNS
Coefficient of Determination: R^2 = 0.999173
Calibration curve: 1.53938e-005 * x^2 + 0.97171 * x + 0.0109257
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	5.11	88.744	3881.924	0.286	0.3	13.1	NO	0.999	NO	bb
2	200709M1_4	Standard	0.500	5.11	189.841	3883.624	0.611	0.6	23.5	NO	0.999	NO	MM
3	200709M1_5	Standard	1.000	5.11	258.180	4158.617	0.776	0.8	-21.3	NO	0.999	NO	MM
4	200709M1_6	Standard	2.000	5.11	628.649	4436.310	1.771	1.8	-9.4	NO	0.999	NO	MM
5	200709M1_7	Standard	5.000	5.11	1641.522	4570.278	4.490	4.6	-7.8	NO	0.999	NO	bb
6	200709M1_8	Standard	10.000	5.11	3315.751	3831.038	10.819	11.1	11.2	NO	0.999	NO	MM
7	200709M1_9	Standard	50.000	5.10	15704.119	4420.276	44.409	45.7	-8.7	NO	0.999	NO	MM
8	200709M1_10	Standard	100.000	5.10	31995.848	3969.252	100.762	103.5	3.5	NO	0.999	NO	bb
9	200709M1_11	Standard	250.000	5.11	73926.398	3769.773	245.129	251.3	0.5	NO	0.999	NO	MM
10	200709M1_12	Standard	500.000	5.11	130736.383	3343.156	488.821	499.1	-0.2	NO	0.999	NO	MM

Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.999540
Calibration curve: -0.000293251 * x^2 + 0.940807 * x + -0.109204
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	5.19	270.779	11221.166	0.302	0.4	74.7	YES	1.000	NO	MMX
2	200709M1_4	Standard	0.500	5.19	286.081	11389.586	0.314	0.4	-10.0	NO	1.000	NO	MM
3	200709M1_5	Standard	1.000	5.19	805.519	11053.488	0.911	1.1	8.5	NO	1.000	NO	MM
4	200709M1_6	Standard	2.000	5.19	1570.168	10722.821	1.830	2.1	3.1	NO	1.000	NO	MM
5	200709M1_7	Standard	5.000	5.19	4441.511	11908.239	4.662	5.1	1.6	NO	1.000	NO	MM
6	200709M1_8	Standard	10.000	5.19	8338.377	11244.653	9.269	10.0	-0.0	NO	1.000	NO	MM
7	200709M1_9	Standard	50.000	5.19	42025.895	11626.313	45.184	48.9	-2.2	NO	1.000	NO	MM
8	200709M1_10	Standard	100.000	5.19	80889.656	11480.123	88.076	96.6	-3.4	NO	1.000	NO	MM
9	200709M1_11	Standard	250.000	5.19	174491.766	9780.898	223.001	257.9	3.2	NO	1.000	NO	MM
10	200709M1_12	Standard	500.000	5.19	316171.313	10016.673	394.556	496.3	-0.7	NO	1.000	NO	MM

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070920.mdb 10 Jul 2020 10:12:24
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-09-20.cdb 10 Jul 2020 10:31:20

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999416
Calibration curve: -0.000216394 * x^2 + 0.985004 * x + -0.0937632
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	5.35	118.134	10288.450	0.144	0.2	-3.6	NO	0.999	NO	MM
2	200709M1_4	Standard	0.500	5.35	403.581	10951.817	0.461	0.6	12.6	NO	0.999	NO	MM
3	200709M1_5	Standard	1.000	5.35	630.028	9447.607	0.834	0.9	-5.8	NO	0.999	NO	MM
4	200709M1_6	Standard	2.000	5.35	1570.343	10702.617	1.834	2.0	-2.1	NO	0.999	NO	MM
5	200709M1_7	Standard	5.000	5.35	3952.302	10604.522	4.659	4.8	-3.4	NO	0.999	NO	MM
6	200709M1_8	Standard	10.000	5.35	7852.551	9854.658	9.960	10.2	2.3	NO	0.999	NO	MM
7	200709M1_9	Standard	50.000	5.35	40065.336	10653.846	47.008	48.3	-3.3	NO	0.999	NO	MM
8	200709M1_10	Standard	100.000	5.35	69793.539	8616.352	101.252	105.3	5.3	NO	0.999	NO	MM
9	200709M1_11	Standard	250.000	5.35	157982.281	8680.691	227.491	244.1	-2.3	NO	0.999	NO	MM
10	200709M1_12	Standard	500.000	5.35	285300.406	8104.447	440.037	502.2	0.4	NO	0.999	NO	MM

Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999976
Calibration curve: -0.000296431 * x^2 + 0.955627 * x + 0.0266169
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	5.37	393.902	20222.004	0.243	0.2	-9.2	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	5.36	851.567	20861.045	0.510	0.5	1.2	NO	1.000	NO	MM
3	200709M1_5	Standard	1.000	5.37	1754.225	21497.805	1.020	1.0	4.0	NO	1.000	NO	bb
4	200709M1_6	Standard	2.000	5.37	3231.410	20859.754	1.936	2.0	-0.0	NO	1.000	NO	MM
5	200709M1_7	Standard	5.000	5.37	8291.237	20820.277	4.978	5.2	3.8	NO	1.000	NO	MM
6	200709M1_8	Standard	10.000	5.37	16681.070	21641.908	9.635	10.1	0.9	NO	1.000	NO	MM
7	200709M1_9	Standard	50.000	5.36	81431.461	21815.955	46.658	49.6	-0.9	NO	1.000	NO	MM
8	200709M1_10	Standard	100.000	5.36	154418.906	20760.887	92.975	100.4	0.4	NO	1.000	NO	MM
9	200709M1_11	Standard	250.000	5.36	326539.656	18551.518	220.022	249.5	-0.2	NO	1.000	NO	MM
10	200709M1_12	Standard	500.000	5.36	605985.313	18754.572	403.892	500.2	0.0	NO	1.000	NO	MM

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Compound name: PFDS
Coefficient of Determination: R^2 = 0.999520
Calibration curve: -0.000118873 * x^2 + 0.817338 * x + -0.0460944
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	5.42	67.313	3881.924	0.217	0.3	28.6	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	5.42	94.171	3883.624	0.303	0.4	-14.5	NO	1.000	NO	bb
3	200709M1_5	Standard	1.000	5.42	239.601	4158.617	0.720	0.9	-6.2	NO	1.000	NO	bb
4	200709M1_6	Standard	2.000	5.42	498.294	4436.310	1.404	1.8	-11.3	NO	1.000	NO	bb
5	200709M1_7	Standard	5.000	5.41	1500.474	4570.278	4.104	5.1	1.6	NO	1.000	NO	bb
6	200709M1_8	Standard	10.000	5.41	2515.306	3831.038	8.207	10.1	1.1	NO	1.000	NO	bb
7	200709M1_9	Standard	50.000	5.41	14020.230	4420.276	39.647	48.9	-2.2	NO	1.000	NO	MM
8	200709M1_10	Standard	100.000	5.41	26719.945	3969.252	84.147	104.6	4.6	NO	1.000	NO	MM
9	200709M1_11	Standard	250.000	5.41	58132.602	3769.773	192.759	244.6	-2.2	NO	1.000	NO	MM
10	200709M1_12	Standard	500.000	5.41	101715.141	3343.156	380.311	502.0	0.4	NO	1.000	NO	MM

Compound name: 11Cl-PF30UdS
Coefficient of Determination: R^2 = 0.999693
Calibration curve: -0.000101349 * x^2 + 0.603972 * x + -0.00601011
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	5.58	238.279	23357.453	0.128	0.2	-11.6	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	5.58	605.677	22620.096	0.335	0.6	12.8	NO	1.000	NO	bb
3	200709M1_5	Standard	1.000	5.58	1085.589	22982.793	0.590	1.0	-1.2	NO	1.000	NO	bb
4	200709M1_6	Standard	2.000	5.58	2224.117	24186.063	1.149	1.9	-4.3	NO	1.000	NO	MM
5	200709M1_7	Standard	5.000	5.58	5733.309	23904.303	2.998	5.0	-0.4	NO	1.000	NO	MM
6	200709M1_8	Standard	10.000	5.58	11027.572	22642.012	6.088	10.1	1.1	NO	1.000	NO	MM
7	200709M1_9	Standard	50.000	5.58	54414.488	23413.334	29.051	48.5	-3.0	NO	1.000	NO	MM
8	200709M1_10	Standard	100.000	5.58	114704.070	23264.115	61.631	103.9	3.9	NO	1.000	NO	MM
9	200709M1_11	Standard	250.000	5.58	244784.609	21454.037	142.622	246.3	-1.5	NO	1.000	NO	MM
10	200709M1_12	Standard	500.000	5.58	438437.531	19763.998	277.296	501.3	0.3	NO	1.000	NO	MM

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Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.994493
Calibration curve: -0.000502267 * x^2 + 2.89145 * x + 0.126797
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	5.64	122.714	1668.977	0.919	0.3	9.6	NO	0.994	NO	bb
2	200709M1_4	Standard	0.500	5.64	202.371	1800.427	1.405	0.4	-11.6	NO	0.994	NO	bb
3	200709M1_5	Standard	1.000	5.64	340.156	1843.827	2.306	0.8	-24.6	NO	0.994	NO	MM
4	200709M1_6	Standard	2.000	5.64	855.450	1577.244	6.780	2.3	15.1	NO	0.994	NO	bb
5	200709M1_7	Standard	5.000	5.64	2343.259	1706.043	17.169	5.9	18.0	NO	0.994	NO	MM
6	200709M1_8	Standard	10.000	5.64	4346.865	1805.506	30.095	10.4	3.8	NO	0.994	NO	bb
7	200709M1_9	Standard	50.000	5.63	21439.602	1811.587	147.934	51.6	3.2	NO	0.994	NO	MM
8	200709M1_10	Standard	100.000	5.63	41148.516	1611.362	319.206	112.6	12.6	NO	0.994	NO	MM
9	200709M1_11	Standard	250.000	5.63	71528.648	1441.739	620.159	223.1	-10.8	NO	0.994	NO	MM
10	200709M1_12	Standard	500.000	5.63	126647.398	1173.952	1348.516	511.8	2.4	NO	0.994	NO	MM

Compound name: PFDoA
Coefficient of Determination: R^2 = 0.999558
Calibration curve: -0.000207098 * x^2 + 0.956888 * x + 0.203136
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	5.65	747.784	23357.453	0.400	0.2	-17.6	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	5.65	1224.364	22620.096	0.677	0.5	-1.0	NO	1.000	NO	bb
3	200709M1_5	Standard	1.000	5.65	2224.003	22982.793	1.210	1.1	5.2	NO	1.000	NO	bb
4	200709M1_6	Standard	2.000	5.65	3996.447	24186.063	2.065	1.9	-2.6	NO	1.000	NO	bb
5	200709M1_7	Standard	5.000	5.65	10039.387	23904.303	5.250	5.3	5.6	NO	1.000	NO	bb
6	200709M1_8	Standard	10.000	5.65	19120.229	22642.012	10.556	10.8	8.4	NO	1.000	NO	MM
7	200709M1_9	Standard	50.000	5.65	93813.805	23413.334	50.086	52.7	5.5	NO	1.000	NO	MM
8	200709M1_10	Standard	100.000	5.65	170495.156	23264.115	91.608	97.6	-2.4	NO	1.000	NO	MM
9	200709M1_11	Standard	250.000	5.65	383444.313	21454.037	223.410	246.4	-1.4	NO	1.000	NO	MM
10	200709M1_12	Standard	500.000	5.65	677630.688	19763.998	428.576	502.3	0.5	NO	1.000	NO	MM

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Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999230
Calibration curve: -0.000104215 * x^2 + 1.04899 * x + 0.0163637
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	1.250	5.65	109.627	13955.894	1.172	1.1	-11.9	NO	0.999	NO	bb
2	200709M1_4	Standard	2.500	5.65	260.766	14311.017	2.719	2.6	3.1	NO	0.999	NO	bb
3	200709M1_5	Standard	5.000	5.66	510.336	14678.638	5.187	4.9	-1.4	NO	0.999	NO	bb
4	200709M1_6	Standard	10.000	5.66	1118.015	14459.426	11.536	11.0	9.9	NO	0.999	NO	MM
5	200709M1_7	Standard	25.000	5.65	2612.025	15726.781	24.780	23.7	-5.3	NO	0.999	NO	bb
6	200709M1_8	Standard	50.000	5.65	5287.580	14470.552	54.518	52.2	4.5	NO	0.999	NO	bb
7	200709M1_9	Standard	250.000	5.65	26883.793	15524.153	258.376	252.6	1.1	NO	0.999	NO	MM
8	200709M1_10	Standard	500.000	5.65	52660.738	15139.455	518.974	521.8	4.4	NO	0.999	NO	MM
9	200709M1_11	Standard	1250.000	5.65	111932.219	15081.604	1107.328	1198.2	-4.1	NO	0.999	NO	MM
10	200709M1_12	Standard	2500.000	5.65	194911.234	14633.281	1987.303	2530.8	1.2	NO	0.999	NO	MM

Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.999908
Calibration curve: -0.000235963 * x^2 + 0.945318 * x + 0.0284848
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	5.90	484.278	23357.453	0.259	0.2	-2.4	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	5.90	943.611	22620.096	0.521	0.5	4.3	NO	1.000	NO	MM
3	200709M1_5	Standard	1.000	5.90	1746.021	22982.793	0.950	1.0	-2.5	NO	1.000	NO	MM
4	200709M1_6	Standard	2.000	5.90	3592.747	24186.063	1.857	1.9	-3.2	NO	1.000	NO	MM
5	200709M1_7	Standard	5.000	5.90	9191.389	23904.303	4.806	5.1	1.2	NO	1.000	NO	MM
6	200709M1_8	Standard	10.000	5.90	17313.434	22642.012	9.558	10.1	1.1	NO	1.000	NO	MM
7	200709M1_9	Standard	50.000	5.90	88981.547	23413.334	47.506	50.9	1.7	NO	1.000	NO	MM
8	200709M1_10	Standard	100.000	5.90	173125.531	23264.115	93.022	100.9	0.9	NO	1.000	NO	MM
9	200709M1_11	Standard	250.000	5.90	375334.813	21454.037	218.685	246.5	-1.4	NO	1.000	NO	MM
10	200709M1_12	Standard	500.000	5.90	656027.063	19763.998	414.913	501.7	0.3	NO	1.000	NO	MM

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Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999661
Calibration curve: -7.80767e-005 * x^2 + 0.271555 * x + -0.00807725
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	5.92	89.062	15851.794	0.070	0.3	15.4	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	5.92	155.131	16980.012	0.114	0.5	-9.9	NO	1.000	NO	bb
3	200709M1_5	Standard	1.000	5.92	350.237	16133.386	0.271	1.0	2.9	NO	1.000	NO	MM
4	200709M1_6	Standard	2.000	5.92	659.498	16171.252	0.510	1.9	-4.6	NO	1.000	NO	bb
5	200709M1_7	Standard	5.000	5.93	1845.416	17751.199	1.300	4.8	-3.6	NO	1.000	NO	bb
6	200709M1_8	Standard	10.000	5.92	3605.564	16567.736	2.720	10.1	0.8	NO	1.000	NO	MM
7	200709M1_9	Standard	50.000	5.92	18272.590	16949.291	13.476	50.4	0.8	NO	1.000	NO	MM
8	200709M1_10	Standard	100.000	5.92	34408.453	16897.947	25.453	96.4	-3.6	NO	1.000	NO	MM
9	200709M1_11	Standard	250.000	5.92	77029.992	14957.285	64.375	255.9	2.4	NO	1.000	NO	MM
10	200709M1_12	Standard	500.000	5.92	135472.359	14631.605	115.736	497.3	-0.5	NO	1.000	NO	MM

Compound name: PFTeDA
Coefficient of Determination: R^2 = 0.999934
Calibration curve: -0.000501538 * x^2 + 1.50712 * x + -0.0547102
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	6.12	439.053	15851.794	0.346	0.3	6.4	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	6.11	899.670	16980.012	0.662	0.5	-4.8	NO	1.000	NO	bb
3	200709M1_5	Standard	1.000	6.12	1942.503	16133.386	1.505	1.0	3.5	NO	1.000	NO	MM
4	200709M1_6	Standard	2.000	6.11	3803.439	16171.252	2.940	2.0	-0.6	NO	1.000	NO	MM
5	200709M1_7	Standard	5.000	6.11	10136.357	17751.199	7.138	4.8	-4.4	NO	1.000	NO	MM
6	200709M1_8	Standard	10.000	6.11	19886.838	16567.736	15.004	10.0	0.3	NO	1.000	NO	MM
7	200709M1_9	Standard	50.000	6.11	100494.664	16949.291	74.114	50.0	0.1	NO	1.000	NO	MM
8	200709M1_10	Standard	100.000	6.11	194510.672	16897.947	143.886	98.8	-1.2	NO	1.000	NO	MM
9	200709M1_11	Standard	250.000	6.11	417133.500	14957.285	348.604	252.6	1.0	NO	1.000	NO	MM
10	200709M1_12	Standard	500.000	6.11	733755.438	14631.605	626.858	498.7	-0.3	NO	1.000	NO	MM

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Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999507
Calibration curve: -3.44848e-005 * x^2 + 0.829593 * x + 0.172005
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	1.250	6.09	165.656	21745.332	1.137	1.2	-7.0	NO	1.000	NO	bb
2	200709M1_4	Standard	2.500	6.09	336.136	22980.859	2.182	2.4	-3.1	NO	1.000	NO	bb
3	200709M1_5	Standard	5.000	6.09	615.648	22286.557	4.122	4.8	-4.8	NO	1.000	NO	bb
4	200709M1_6	Standard	10.000	6.09	1356.662	22697.314	8.918	10.5	5.5	NO	1.000	NO	bb
5	200709M1_7	Standard	25.000	6.09	3412.545	23159.734	21.984	26.3	5.3	NO	1.000	NO	MM
6	200709M1_8	Standard	50.000	6.09	6723.766	23913.059	41.951	50.5	0.9	NO	1.000	NO	MM
7	200709M1_9	Standard	250.000	6.08	34060.488	24029.742	211.481	257.5	3.0	NO	1.000	NO	MM
8	200709M1_10	Standard	500.000	6.08	66216.000	23682.957	417.153	513.6	2.7	NO	1.000	NO	MM
9	200709M1_11	Standard	1250.000	6.08	139795.734	21911.168	951.913	1207.9	-3.4	NO	1.000	NO	MM
10	200709M1_12	Standard	2500.000	6.09	248153.969	19783.143	1871.521	2519.6	0.8	NO	1.000	NO	MM

Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999974
Calibration curve: -0.0001774 * x^2 + 0.658724 * x + 0.0743738
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	6.43	426.385	23201.713	0.230	0.2	-5.7	NO	1.000	NO	bb
2	200709M1_4	Standard	0.500	6.43	773.564	22762.305	0.425	0.5	6.4	NO	1.000	NO	bb
3	200709M1_5	Standard	1.000	6.43	1395.203	23798.367	0.733	1.0	-0.0	NO	1.000	NO	MM
4	200709M1_6	Standard	2.000	6.44	2533.276	23201.090	1.365	2.0	-2.0	NO	1.000	NO	bb
5	200709M1_7	Standard	5.000	6.44	6184.291	22992.068	3.362	5.0	-0.0	NO	1.000	NO	bb
6	200709M1_8	Standard	10.000	6.43	12826.499	23922.695	6.702	10.1	0.9	NO	1.000	NO	MM
7	200709M1_9	Standard	50.000	6.43	63892.324	24226.217	32.967	50.6	1.2	NO	1.000	NO	MM
8	200709M1_10	Standard	100.000	6.43	123482.930	24268.207	63.603	99.1	-0.9	NO	1.000	NO	MM
9	200709M1_11	Standard	250.000	6.43	257265.125	20912.051	153.778	250.2	0.1	NO	1.000	NO	MM
10	200709M1_12	Standard	500.000	6.43	482501.406	21154.586	285.104	500.0	0.0	NO	1.000	NO	MM

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Compound name: PFODA
Coefficient of Determination: R^2 = 0.999677
Calibration curve: -0.000311065 * x^2 + 1.10726 * x + -0.000376099
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	0.250	6.66	517.305	23201.713	0.279	0.3	0.8	NO	1.000	NO	MM
2	200709M1_4	Standard	0.500	6.66	1073.319	22762.305	0.589	0.5	6.5	NO	1.000	NO	MM
3	200709M1_5	Standard	1.000	6.66	2009.831	23798.367	1.056	1.0	-4.6	NO	1.000	NO	MM
4	200709M1_6	Standard	2.000	6.66	4057.834	23201.090	2.186	2.0	-1.2	NO	1.000	NO	MM
5	200709M1_7	Standard	5.000	6.66	10866.201	22992.068	5.908	5.3	6.9	NO	1.000	NO	MM
6	200709M1_8	Standard	10.000	6.66	19816.637	23922.695	10.355	9.4	-6.2	NO	1.000	NO	MM
7	200709M1_9	Standard	50.000	6.66	103044.758	24226.217	53.168	48.7	-2.6	NO	1.000	NO	MM
8	200709M1_10	Standard	100.000	6.66	205820.297	24268.207	106.013	98.5	-1.5	NO	1.000	NO	MM
9	200709M1_11	Standard	250.000	6.66	440258.125	20912.051	263.161	256.1	2.4	NO	1.000	NO	MM
10	200709M1_12	Standard	500.000	6.66	801241.500	21154.586	473.444	497.0	-0.6	NO	1.000	NO	MM

Compound name: N-MeFOSE
Coefficient of Determination: R^2 = 0.997086
Calibration curve: -2.98156e-005 * x^2 + 0.967267 * x + 0.113102
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200709M1_3	Standard	1.250	6.30	92.673	9856.474	1.403	1.3	6.7	NO	0.997	NO	MM
2	200709M1_4	Standard	2.500	6.30	192.630	11794.404	2.437	2.4	-3.9	NO	0.997	NO	bb
3	200709M1_5	Standard	5.000	6.31	365.934	11227.082	4.863	4.9	-1.8	NO	0.997	NO	MM
4	200709M1_6	Standard	10.000	6.31	886.797	12240.526	10.809	11.1	10.6	NO	0.997	NO	bb
5	200709M1_7	Standard	25.000	6.31	2020.657	12235.248	24.640	25.4	1.5	NO	0.997	NO	MM
6	200709M1_8	Standard	50.000	6.30	3567.150	10951.094	48.600	50.2	0.4	NO	0.997	NO	MM
7	200709M1_9	Standard	250.000	6.30	19455.650	11852.557	244.908	255.1	2.0	NO	0.997	NO	MM
8	200709M1_10	Standard	500.000	6.30	36874.891	13050.481	421.573	441.7	-11.7	NO	0.997	NO	MM
9	200709M1_11	Standard	1250.000	6.30	89394.820	10769.311	1238.492	1335.2	6.8	NO	0.997	NO	MM
10	200709M1_12	Standard	2500.000	6.30	162443.859	10994.452	2204.441	2466.4	-1.3	NO	0.997	NO	MM

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Compound name: N-EtFOSE
Coefficient of Determination: R^2 = 0.998431
Calibration curve: 1.17275e-005 * x^2 + 1.08822 * x + 0.340154
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	
1	200709M1_3	Standard	1.250	6.45	94.625	10622.561	1.329	0.9	-27.3	NO	0.998	NO	MM
2	200709M1_4	Standard	2.500	6.45	233.760	11465.675	3.042	2.5	-0.7	NO	0.998	NO	MM
3	200709M1_5	Standard	5.000	6.45	454.668	10888.012	6.230	5.4	8.2	NO	0.998	NO	bb
4	200709M1_6	Standard	10.000	6.45	893.789	10946.506	12.182	10.9	8.8	NO	0.998	NO	MM
5	200709M1_7	Standard	25.000	6.45	2352.153	11863.737	29.581	26.9	7.5	NO	0.998	NO	MM
6	200709M1_8	Standard	50.000	6.45	4539.850	12188.575	55.572	50.7	1.5	NO	0.998	NO	MM
7	200709M1_9	Standard	250.000	6.45	23170.773	12931.881	267.330	244.7	-2.1	NO	0.998	NO	MM
8	200709M1_10	Standard	500.000	6.45	50185.344	12636.709	592.532	541.0	8.2	NO	0.998	NO	MM
9	200709M1_11	Standard	1250.000	6.45	111622.57(	12717.495	1309.541	1187.9	-5.0	NO	0.998	NO	MM
10	200709M1_12	Standard	2500.000	6.45	200307.359	10596.347	2820.393	2522.8	0.9	NO	0.998	NO	MM

Compound name: 13C3-PFBA-EIS
Response Factor: 335.931
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	1.33	3657.299	3657.299	10.9	-12.9	NO	NO	MMX
2	200709M1_4	Standard	12.500	1.33	3977.350	3977.350	11.8	-5.3	NO	NO	MMX
3	200709M1_5	Standard	12.500	1.34	3793.707	3793.707	11.3	-9.7	NO	NO	MMX
4	200709M1_6	Standard	12.500	1.34	4157.207	4157.207	12.4	-1.0	NO	NO	MMX
5	200709M1_7	Standard	12.500	1.33	4129.617	4129.617	12.3	-1.7	NO	NO	MMX
6	200709M1_8	Standard	12.500	1.34	4199.134	4199.134	12.5	0.0	NO	NO	MM
7	200709M1_9	Standard	12.500	1.34	3908.525	3908.525	11.6	-6.9	NO	NO	MMX
8	200709M1_10	Standard	12.500	1.33	3816.987	3816.987	11.4	-9.1	NO	NO	MMX
9	200709M1_11	Standard	12.500	1.33	4270.481	4270.481	12.7	1.7	NO	NO	MMX
10	200709M1_12	Standard	12.500	1.34	4206.801	4206.801	12.5	0.2	NO	NO	MMX

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Compound name: 13C3-PFBA-RSD
Response Factor: 0.675617
RRF SD: 0.0157609, Relative SD: 2.33282
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	1.33	3591.312	5251.940	8.548	12.7	1.2	NO	NO	MM
2	200709M1_4	Standard	12.500	1.33	4168.624	6067.368	8.588	12.7	1.7	NO	NO	MM
3	200709M1_5	Standard	12.500	1.34	3762.535	5828.643	8.069	11.9	-4.5	NO	NO	bb
4	200709M1_6	Standard	12.500	1.34	4088.619	5963.720	8.570	12.7	1.5	NO	NO	bb
5	200709M1_7	Standard	12.500	1.33	4123.380	6092.847	8.459	12.5	0.2	NO	NO	MM
6	200709M1_8	Standard	12.500	1.34	4182.966	6167.781	8.477	12.5	0.4	NO	NO	MM
7	200709M1_9	Standard	12.500	1.34	3855.788	5839.753	8.253	12.2	-2.3	NO	NO	bb
8	200709M1_10	Standard	12.500	1.33	3845.825	5750.066	8.360	12.4	-1.0	NO	NO	MM
9	200709M1_11	Standard	12.500	1.33	4271.779	6392.250	8.353	12.4	-1.1	NO	NO	MM
10	200709M1_12	Standard	12.500	1.34	4127.692	5880.975	8.773	13.0	3.9	NO	NO	bb

Compound name: 13C3-PFPeA-EIS
Response Factor: 509.352
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	2.28	6649.767	6649.767	13.1	4.4	NO	NO	MMX
2	200709M1_4	Standard	12.500	2.28	6503.769	6503.769	12.8	2.1	NO	NO	MMX
3	200709M1_5	Standard	12.500	2.29	6474.305	6474.305	12.7	1.7	NO	NO	MMX
4	200709M1_6	Standard	12.500	2.29	6420.968	6420.968	12.6	0.8	NO	NO	MMX
5	200709M1_7	Standard	12.500	2.28	6703.295	6703.295	13.2	5.3	NO	NO	MMX
6	200709M1_8	Standard	12.500	2.29	6366.896	6366.896	12.5	0.0	NO	NO	MM
7	200709M1_9	Standard	12.500	2.28	6918.229	6918.229	13.6	8.7	NO	NO	bbX
8	200709M1_10	Standard	12.500	2.28	6867.411	6867.411	13.5	7.9	NO	NO	MMX
9	200709M1_11	Standard	12.500	2.28	6410.658	6410.658	12.6	0.7	NO	NO	bbX
10	200709M1_12	Standard	12.500	2.29	5924.020	5924.020	11.6	-7.0	NO	NO	MMX

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Compound name: 13C3-PFPeA-RSD
Response Factor: 0.474988
RRF SD: 0.026206, Relative SD: 5.51719
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	2.28	6651.309	12856.409	6.467	13.6	8.9	NO	NO	MM
2	200709M1_4	Standard	12.500	2.28	6503.769	14507.396	5.604	11.8	-5.6	NO	NO	MM
3	200709M1_5	Standard	12.500	2.29	6477.427	14377.242	5.632	11.9	-5.1	NO	NO	MM
4	200709M1_6	Standard	12.500	2.29	6420.915	14066.688	5.706	12.0	-3.9	NO	NO	MM
5	200709M1_7	Standard	12.500	2.28	6704.033	14782.733	5.669	11.9	-4.5	NO	NO	MM
6	200709M1_8	Standard	12.500	2.29	6364.604	13991.598	5.686	12.0	-4.2	NO	NO	MM
7	200709M1_9	Standard	12.500	2.28	6918.229	14051.508	6.154	13.0	3.7	NO	NO	bb
8	200709M1_10	Standard	12.500	2.28	6862.815	14167.964	6.055	12.7	2.0	NO	NO	MM
9	200709M1_11	Standard	12.500	2.28	6410.658	13387.091	5.986	12.6	0.8	NO	NO	bb
10	200709M1_12	Standard	12.500	2.29	6017.802	11725.348	6.415	13.5	8.1	NO	NO	MM

Compound name: 13C3-PFBS-EIS
Response Factor: 128.775
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	2.57	1432.138	1432.138	11.1	-11.0	NO	NO	bbX
2	200709M1_4	Standard	12.500	2.56	1567.967	1567.967	12.2	-2.6	NO	NO	bbX
3	200709M1_5	Standard	12.500	2.58	1439.564	1439.564	11.2	-10.6	NO	NO	bbX
4	200709M1_6	Standard	12.500	2.57	1526.057	1526.057	11.9	-5.2	NO	NO	MMX
5	200709M1_7	Standard	12.500	2.57	1537.028	1537.028	11.9	-4.5	NO	NO	bbX
6	200709M1_8	Standard	12.500	2.58	1609.688	1609.688	12.5	0.0	NO	NO	bb
7	200709M1_9	Standard	12.500	2.57	1472.360	1472.360	11.4	-8.5	NO	NO	bbX
8	200709M1_10	Standard	12.500	2.57	1622.282	1622.282	12.6	0.8	NO	NO	bbX
9	200709M1_11	Standard	12.500	2.57	1467.549	1467.549	11.4	-8.8	NO	NO	bbX
10	200709M1_12	Standard	12.500	2.57	1310.263	1310.263	10.2	-18.6	NO	NO	MMX

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Compound name: 13C3-PFBS-RSD
Response Factor: 0.739246
RRF SD: 0.0363642, Relative SD: 4.91909
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	2.57	1432.138	1990.874	8.992	12.2	-2.7	NO	NO	bb
2	200709M1_4	Standard	12.500	2.56	1567.967	2177.865	8.999	12.2	-2.6	NO	NO	bb
3	200709M1_5	Standard	12.500	2.58	1439.564	2014.549	8.932	12.1	-3.3	NO	NO	bb
4	200709M1_6	Standard	12.500	2.57	1525.877	2182.543	8.739	11.8	-5.4	NO	NO	MM
5	200709M1_7	Standard	12.500	2.57	1537.028	2010.083	9.558	12.9	3.4	NO	NO	bb
6	200709M1_8	Standard	12.500	2.58	1609.688	2072.526	9.708	13.1	5.1	NO	NO	bb
7	200709M1_9	Standard	12.500	2.57	1469.676	2082.355	8.822	11.9	-4.5	NO	NO	bb
8	200709M1_10	Standard	12.500	2.57	1622.282	2005.601	10.111	13.7	9.4	NO	NO	bb
9	200709M1_11	Standard	12.500	2.57	1467.549	1923.914	9.535	12.9	3.2	NO	NO	bb
10	200709M1_12	Standard	12.500	2.57	1310.682	1818.730	9.008	12.2	-2.5	NO	NO	MM

Compound name: 13C3-HFPO-DA-EIS
Response Factor: 80.5982
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	3.33	980.526	980.526	12.2	-2.7	NO	NO	bbX
2	200709M1_4	Standard	12.500	3.33	850.973	850.973	10.6	-15.5	NO	NO	bbX
3	200709M1_5	Standard	12.500	3.32	984.541	984.541	12.2	-2.3	NO	NO	bbX
4	200709M1_6	Standard	12.500	3.33	854.148	854.148	10.6	-15.2	NO	NO	bbX
5	200709M1_7	Standard	12.500	3.33	978.706	978.706	12.1	-2.9	NO	NO	bbX
6	200709M1_8	Standard	12.500	3.33	1007.477	1007.477	12.5	0.0	NO	NO	MM
7	200709M1_9	Standard	12.500	3.33	860.014	860.014	10.7	-14.6	NO	NO	MMX
8	200709M1_10	Standard	12.500	3.32	966.244	966.244	12.0	-4.1	NO	NO	bbX
9	200709M1_11	Standard	12.500	3.33	804.551	804.551	10.0	-20.1	NO	NO	bbX
10	200709M1_12	Standard	12.500	3.33	764.573	764.573	9.5	-24.1	NO	NO	bbX

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Compound name: 13C3-HFPO-DA-RSD
Response Factor: 0.0656896
RRF SD: 0.00568748, Relative SD: 8.65811
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	3.33	980.526	12856.409	0.953	14.5	16.1	NO	NO	bb
2	200709M1_4	Standard	12.500	3.33	850.973	14507.396	0.733	11.2	-10.7	NO	NO	bb
3	200709M1_5	Standard	12.500	3.32	984.541	14377.242	0.856	13.0	4.2	NO	NO	bb
4	200709M1_6	Standard	12.500	3.33	854.148	14066.688	0.759	11.6	-7.6	NO	NO	bb
5	200709M1_7	Standard	12.500	3.33	975.060	14782.733	0.824	12.6	0.4	NO	NO	bb
6	200709M1_8	Standard	12.500	3.33	1007.671	13991.598	0.900	13.7	9.6	NO	NO	MM
7	200709M1_9	Standard	12.500	3.33	861.155	14051.508	0.766	11.7	-6.7	NO	NO	MM
8	200709M1_10	Standard	12.500	3.32	966.244	14167.964	0.852	13.0	3.8	NO	NO	bb
9	200709M1_11	Standard	12.500	3.33	804.551	13387.091	0.751	11.4	-8.5	NO	NO	bb
10	200709M1_12	Standard	12.500	3.33	764.573	11725.348	0.815	12.4	-0.7	NO	NO	bb

Compound name: 13C2-4:2 FTS-EIS
Response Factor: 199.236
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	3.01	2516.852	2516.852	12.6	1.1	NO	NO	bbX
2	200709M1_4	Standard	12.500	3.01	2535.489	2535.489	12.7	1.8	NO	NO	bbX
3	200709M1_5	Standard	12.500	3.02	2391.893	2391.893	12.0	-4.0	NO	NO	bbX
4	200709M1_6	Standard	12.500	3.02	2595.402	2595.402	13.0	4.2	NO	NO	MMX
5	200709M1_7	Standard	12.500	3.02	2580.058	2580.058	12.9	3.6	NO	NO	MMX
6	200709M1_8	Standard	12.500	3.02	2490.454	2490.454	12.5	0.0	NO	NO	bb
7	200709M1_9	Standard	12.500	3.01	2489.124	2489.124	12.5	-0.1	NO	NO	MMX
8	200709M1_10	Standard	12.500	3.01	2368.825	2368.825	11.9	-4.9	NO	NO	MMX
9	200709M1_11	Standard	12.500	3.02	2113.701	2113.701	10.6	-15.1	NO	NO	bbX
10	200709M1_12	Standard	12.500	3.02	1881.425	1881.425	9.4	-24.5	NO	NO	bbX

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Compound name: 13C2-4:2 FTS-RSD
Response Factor: 1.1809
RRF SD: 0.0723033, Relative SD: 6.12271
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	3.01	2516.852	1990.874	15.802	13.4	7.1	NO	NO	bb
2	200709M1_4	Standard	12.500	3.01	2535.489	2177.865	14.553	12.3	-1.4	NO	NO	bb
3	200709M1_5	Standard	12.500	3.02	2391.893	2014.549	14.841	12.6	0.5	NO	NO	bb
4	200709M1_6	Standard	12.500	3.02	2593.021	2182.543	14.851	12.6	0.6	NO	NO	MM
5	200709M1_7	Standard	12.500	3.02	2578.967	2010.083	16.038	13.6	8.6	NO	NO	MM
6	200709M1_8	Standard	12.500	3.02	2495.886	2072.526	15.053	12.7	2.0	NO	NO	bb
7	200709M1_9	Standard	12.500	3.01	2508.317	2082.355	15.057	12.8	2.0	NO	NO	MM
8	200709M1_10	Standard	12.500	3.01	2367.186	2005.601	14.754	12.5	-0.1	NO	NO	MM
9	200709M1_11	Standard	12.500	3.02	2113.701	1923.914	13.733	11.6	-7.0	NO	NO	bb
10	200709M1_12	Standard	12.500	3.02	1881.425	1818.730	12.931	11.0	-12.4	NO	NO	bb

Compound name: 13C2-PFHxA-EIS
Response Factor: 952.337
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	3.10	11914.621	11914.621	12.5	0.1	NO	NO	bbX
2	200709M1_4	Standard	12.500	3.10	11971.933	11971.933	12.6	0.6	NO	NO	MMX
3	200709M1_5	Standard	12.500	3.11	11566.269	11566.269	12.1	-2.8	NO	NO	bbX
4	200709M1_6	Standard	12.500	3.11	12197.828	12197.828	12.8	2.5	NO	NO	MMX
5	200709M1_7	Standard	12.500	3.10	12115.484	12115.484	12.7	1.8	NO	NO	bbX
6	200709M1_8	Standard	12.500	3.11	11904.213	11904.213	12.5	0.0	NO	NO	bb
7	200709M1_9	Standard	12.500	3.10	12072.503	12072.503	12.7	1.4	NO	NO	bbX
8	200709M1_10	Standard	12.500	3.10	12588.012	12588.012	13.2	5.7	NO	NO	bbX
9	200709M1_11	Standard	12.500	3.10	11309.448	11309.448	11.9	-5.0	NO	NO	MMX
10	200709M1_12	Standard	12.500	3.10	10774.586	10774.586	11.3	-9.5	NO	NO	MMX

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Compound name: 13C2-PFHxA-RSD
Response Factor: 0.860638
RRF SD: 0.0406008, Relative SD: 4.71753
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	3.10	11914.621	12856.409	11.584	13.5	7.7	NO	NO	bb
2	200709M1_4	Standard	12.500	3.10	11988.925	14507.396	10.330	12.0	-4.0	NO	NO	MM
3	200709M1_5	Standard	12.500	3.11	11566.269	14377.242	10.056	11.7	-6.5	NO	NO	bb
4	200709M1_6	Standard	12.500	3.11	12197.206	14066.688	10.839	12.6	0.8	NO	NO	MM
5	200709M1_7	Standard	12.500	3.10	12115.484	14782.733	10.245	11.9	-4.8	NO	NO	bb
6	200709M1_8	Standard	12.500	3.11	11904.213	13991.598	10.635	12.4	-1.1	NO	NO	bb
7	200709M1_9	Standard	12.500	3.10	12072.503	14051.508	10.740	12.5	-0.2	NO	NO	bb
8	200709M1_10	Standard	12.500	3.10	12588.012	14167.964	11.106	12.9	3.2	NO	NO	bb
9	200709M1_11	Standard	12.500	3.10	11318.382	13387.091	10.568	12.3	-1.8	NO	NO	MM
10	200709M1_12	Standard	12.500	3.10	10765.634	11725.348	11.477	13.3	6.7	NO	NO	MM

Compound name: 13C4-PFHpA-EIS
Response Factor: 562.793
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	3.72	7324.720	7324.720	13.0	4.1	NO	NO	MMX
2	200709M1_4	Standard	12.500	3.72	7376.703	7376.703	13.1	4.9	NO	NO	bbX
3	200709M1_5	Standard	12.500	3.72	7162.664	7162.664	12.7	1.8	NO	NO	bbX
4	200709M1_6	Standard	12.500	3.72	6803.104	6803.104	12.1	-3.3	NO	NO	bbX
5	200709M1_7	Standard	12.500	3.72	7433.795	7433.795	13.2	5.7	NO	NO	bbX
6	200709M1_8	Standard	12.500	3.72	7034.909	7034.909	12.5	0.0	NO	NO	MM
7	200709M1_9	Standard	12.500	3.72	7595.590	7595.590	13.5	8.0	NO	NO	MMX
8	200709M1_10	Standard	12.500	3.71	7274.509	7274.509	12.9	3.4	NO	NO	MMX
9	200709M1_11	Standard	12.500	3.72	6548.747	6548.747	11.6	-6.9	NO	NO	bbX
10	200709M1_12	Standard	12.500	3.72	5771.560	5771.560	10.3	-18.0	NO	NO	bbX

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Compound name: 13C4-PFHpA-RSD
Response Factor: 0.510173
RRF SD: 0.0264108, Relative SD: 5.17682
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	3.72	7330.249	12856.409	7.127	14.0	11.8	NO	NO	MM
2	200709M1_4	Standard	12.500	3.72	7376.703	14507.396	6.356	12.5	-0.3	NO	NO	bb
3	200709M1_5	Standard	12.500	3.72	7162.664	14377.242	6.227	12.2	-2.3	NO	NO	bb
4	200709M1_6	Standard	12.500	3.72	6803.104	14066.688	6.045	11.8	-5.2	NO	NO	bb
5	200709M1_7	Standard	12.500	3.72	7433.795	14782.733	6.286	12.3	-1.4	NO	NO	bb
6	200709M1_8	Standard	12.500	3.72	7032.658	13991.598	6.283	12.3	-1.5	NO	NO	MM
7	200709M1_9	Standard	12.500	3.72	7600.620	14051.508	6.761	13.3	6.0	NO	NO	MM
8	200709M1_10	Standard	12.500	3.71	7274.347	14167.964	6.418	12.6	0.6	NO	NO	MM
9	200709M1_11	Standard	12.500	3.72	6548.747	13387.091	6.115	12.0	-4.1	NO	NO	bb
10	200709M1_12	Standard	12.500	3.72	5771.560	11725.348	6.153	12.1	-3.5	NO	NO	bb

Compound name: 13C3-PFHxS-EIS
Response Factor: 297.56
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	3.86	3592.434	3592.434	12.1	-3.4	NO	NO	bbX
2	200709M1_4	Standard	12.500	3.86	3559.177	3559.177	12.0	-4.3	NO	NO	bbX
3	200709M1_5	Standard	12.500	3.86	3408.723	3408.723	11.5	-8.4	NO	NO	bbX
4	200709M1_6	Standard	12.500	3.86	3780.093	3780.093	12.7	1.6	NO	NO	MMX
5	200709M1_7	Standard	12.500	3.86	3689.630	3689.630	12.4	-0.8	NO	NO	bbX
6	200709M1_8	Standard	12.500	3.86	3719.503	3719.503	12.5	0.0	NO	NO	bb
7	200709M1_9	Standard	12.500	3.86	3628.356	3628.356	12.2	-2.5	NO	NO	bbX
8	200709M1_10	Standard	12.500	3.86	3525.072	3525.072	11.8	-5.2	NO	NO	bbX
9	200709M1_11	Standard	12.500	3.86	3379.712	3379.712	11.4	-9.1	NO	NO	bbX
10	200709M1_12	Standard	12.500	3.86	2965.636	2965.636	10.0	-20.3	NO	NO	bbX

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Compound name: 13C3-PFHxS-RSD
Response Factor: 1.73933
RRF SD: 0.0691488, Relative SD: 3.9756
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	3.86	3592.434	1990.874	22.556	13.0	3.7	NO	NO	bb
2	200709M1_4	Standard	12.500	3.86	3559.177	2177.865	20.428	11.7	-6.0	NO	NO	bb
3	200709M1_5	Standard	12.500	3.86	3408.723	2014.549	21.151	12.2	-2.7	NO	NO	bb
4	200709M1_6	Standard	12.500	3.86	3779.285	2182.543	21.645	12.4	-0.4	NO	NO	MM
5	200709M1_7	Standard	12.500	3.86	3689.630	2010.083	22.945	13.2	5.5	NO	NO	bb
6	200709M1_8	Standard	12.500	3.86	3719.503	2072.526	22.433	12.9	3.2	NO	NO	bb
7	200709M1_9	Standard	12.500	3.86	3628.356	2082.355	21.780	12.5	0.2	NO	NO	bb
8	200709M1_10	Standard	12.500	3.86	3551.897	2005.601	22.137	12.7	1.8	NO	NO	bb
9	200709M1_11	Standard	12.500	3.86	3379.712	1923.914	21.959	12.6	1.0	NO	NO	bb
10	200709M1_12	Standard	12.500	3.86	2965.636	1818.730	20.383	11.7	-6.3	NO	NO	bb

Compound name: 13C2-6:2 FTS-EIS
Response Factor: 172.963
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	4.18	2054.375		2054.375	11.9	-5.0	NO	NO	bbX
2	200709M1_4	Standard	12.500	4.18	1919.043		1919.043	11.1	-11.2	NO	NO	bbX
3	200709M1_5	Standard	12.500	4.18	2123.431		2123.431	12.3	-1.8	NO	NO	bbX
4	200709M1_6	Standard	12.500	4.18	2318.704		2318.704	13.4	7.2	NO	NO	bbX
5	200709M1_7	Standard	12.500	4.18	2400.848		2400.848	13.9	11.0	NO	NO	MMX
6	200709M1_8	Standard	12.500	4.18	2162.040		2162.040	12.5	0.0	NO	NO	bb
7	200709M1_9	Standard	12.500	4.17	2075.463		2075.463	12.0	-4.0	NO	NO	MMX
8	200709M1_10	Standard	12.500	4.17	2202.190		2202.190	12.7	1.9	NO	NO	MMX
9	200709M1_11	Standard	12.500	4.18	1976.866		1976.866	11.4	-8.6	NO	NO	MMX
10	200709M1_12	Standard	12.500	4.18	1767.190		1767.190	10.2	-18.3	NO	NO	bbX

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Compound name: 13C2-6:2 FTS-RSD
Response Factor: 0.526968
RRF SD: 0.0355896, Relative SD: 6.75366
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	4.18	2054.375	3632.402	7.070	13.4	7.3	NO	NO	bb
2	200709M1_4	Standard	12.500	4.18	1919.043	4276.431	5.609	10.6	-14.8	NO	NO	bb
3	200709M1_5	Standard	12.500	4.18	2123.431	4183.487	6.345	12.0	-3.7	NO	NO	bb
4	200709M1_6	Standard	12.500	4.18	2318.704	4072.741	7.117	13.5	8.0	NO	NO	bb
5	200709M1_7	Standard	12.500	4.18	2399.359	4319.257	6.944	13.2	5.4	NO	NO	MM
6	200709M1_8	Standard	12.500	4.18	2162.040	4122.860	6.555	12.4	-0.5	NO	NO	bb
7	200709M1_9	Standard	12.500	4.17	2077.294	4113.252	6.313	12.0	-4.2	NO	NO	MM
8	200709M1_10	Standard	12.500	4.17	2201.097	4046.469	6.799	12.9	3.2	NO	NO	MM
9	200709M1_11	Standard	12.500	4.18	1976.922	3744.021	6.600	12.5	0.2	NO	NO	MM
10	200709M1_12	Standard	12.500	4.18	1767.190	3388.288	6.519	12.4	-1.0	NO	NO	bb

Compound name: 13C5-PFNA-EIS
Response Factor: 1090.44
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	4.67	12885.063	12885.063	11.8	-5.5	NO	NO	bbX
2	200709M1_4	Standard	12.500	4.67	13716.421	13716.421	12.6	0.6	NO	NO	MMX
3	200709M1_5	Standard	12.500	4.67	11607.762	11607.762	10.6	-14.8	NO	NO	bbX
4	200709M1_6	Standard	12.500	4.67	13158.874	13158.874	12.1	-3.5	NO	NO	bbX
5	200709M1_7	Standard	12.500	4.67	14488.598	14488.598	13.3	6.3	NO	NO	bbX
6	200709M1_8	Standard	12.500	4.67	13630.438	13630.438	12.5	0.0	NO	NO	bb
7	200709M1_9	Standard	12.500	4.66	13699.181	13699.181	12.6	0.5	NO	NO	MMX
8	200709M1_10	Standard	12.500	4.66	13204.276	13204.276	12.1	-3.1	NO	NO	MMX
9	200709M1_11	Standard	12.500	4.67	11391.600	11391.600	10.4	-16.4	NO	NO	bbX
10	200709M1_12	Standard	12.500	4.66	11099.348	11099.348	10.2	-18.6	NO	NO	bbX

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Compound name: 13C5-PFNA-RSD
Response Factor: 0.90202
RRF SD: 0.0539976, Relative SD: 5.9863
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	4.67	12885.063	12882.127	12.503	13.9	10.9	NO	NO	bb
2	200709M1_4	Standard	12.500	4.67	13720.479	14407.657	11.904	13.2	5.6	NO	NO	MM
3	200709M1_5	Standard	12.500	4.67	11607.762	14208.714	10.212	11.3	-9.4	NO	NO	bb
4	200709M1_6	Standard	12.500	4.67	13158.874	15298.560	10.752	11.9	-4.6	NO	NO	bb
5	200709M1_7	Standard	12.500	4.67	14488.598	16537.240	10.951	12.1	-2.9	NO	NO	bb
6	200709M1_8	Standard	12.500	4.67	13630.438	14766.072	11.539	12.8	2.3	NO	NO	bb
7	200709M1_9	Standard	12.500	4.66	13711.251	14639.003	11.708	13.0	3.8	NO	NO	MM
8	200709M1_10	Standard	12.500	4.66	13203.722	15248.934	10.823	12.0	-4.0	NO	NO	MM
9	200709M1_11	Standard	12.500	4.67	11391.600	13116.137	10.856	12.0	-3.7	NO	NO	bb
10	200709M1_12	Standard	12.500	4.66	11099.348	12059.978	11.504	12.8	2.0	NO	NO	bb

Compound name: 13C8-PFOSA-EIS
Response Factor: 413.63
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	4.71	4880.092	4880.092	11.8	-5.6	NO	NO	bbX
2	200709M1_4	Standard	12.500	4.71	5078.572	5078.572	12.3	-1.8	NO	NO	bbX
3	200709M1_5	Standard	12.500	4.71	5024.635	5024.635	12.1	-2.8	NO	NO	bbX
4	200709M1_6	Standard	12.500	4.71	5047.584	5047.584	12.2	-2.4	NO	NO	MMX
5	200709M1_7	Standard	12.500	4.71	5386.206	5386.206	13.0	4.2	NO	NO	MMX
6	200709M1_8	Standard	12.500	4.71	5170.379	5170.379	12.5	0.0	NO	NO	bb
7	200709M1_9	Standard	12.500	4.71	5385.405	5385.405	13.0	4.2	NO	NO	bbX
8	200709M1_10	Standard	12.500	4.71	5283.499	5283.499	12.8	2.2	NO	NO	bbX
9	200709M1_11	Standard	12.500	4.71	5075.186	5075.186	12.3	-1.8	NO	NO	MMX
10	200709M1_12	Standard	12.500	4.71	4643.858	4643.858	11.2	-10.2	NO	NO	bbX

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Compound name: 13C8-PFOSA-RSD
Response Factor: 0.214151
RRF SD: 0.0124306, Relative SD: 5.80459
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	4.71	4880.092	22880.506	2.666	12.4	-0.4	NO	NO	bb
2	200709M1_4	Standard	12.500	4.71	5078.572	25795.281	2.461	11.5	-8.1	NO	NO	bb
3	200709M1_5	Standard	12.500	4.71	5024.635	23991.074	2.618	12.2	-2.2	NO	NO	bb
4	200709M1_6	Standard	12.500	4.71	5053.831	25584.100	2.469	11.5	-7.8	NO	NO	MM
5	200709M1_7	Standard	12.500	4.71	5387.476	24579.756	2.740	12.8	2.4	NO	NO	MM
6	200709M1_8	Standard	12.500	4.71	5170.379	25661.232	2.519	11.8	-5.9	NO	NO	bb
7	200709M1_9	Standard	12.500	4.71	5385.405	23974.686	2.808	13.1	4.9	NO	NO	bb
8	200709M1_10	Standard	12.500	4.71	5283.499	23615.703	2.797	13.1	4.5	NO	NO	bb
9	200709M1_11	Standard	12.500	4.71	5074.113	22737.959	2.789	13.0	4.2	NO	NO	MM
10	200709M1_12	Standard	12.500	4.71	4643.858	20000.988	2.902	13.6	8.4	NO	NO	bb

Compound name: 13C2-PFOA-EIS
Response Factor: 1198.52
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	4.23	14401.490		14401.490	12.0	-3.9	NO	NO	bbX
2	200709M1_4	Standard	12.500	4.23	15288.668		15288.668	12.8	2.1	NO	NO	bbX
3	200709M1_5	Standard	12.500	4.23	15340.857		15340.857	12.8	2.4	NO	NO	MMX
4	200709M1_6	Standard	12.500	4.23	15275.036		15275.036	12.7	2.0	NO	NO	bbX
5	200709M1_7	Standard	12.500	4.23	15662.250		15662.250	13.1	4.5	NO	NO	bbX
6	200709M1_8	Standard	12.500	4.23	14981.508		14981.508	12.5	0.0	NO	NO	MM
7	200709M1_9	Standard	12.500	4.23	15371.889		15371.889	12.8	2.6	NO	NO	MMX
8	200709M1_10	Standard	12.500	4.23	15298.850		15298.850	12.8	2.1	NO	NO	bbX
9	200709M1_11	Standard	12.500	4.23	13611.824		13611.824	11.4	-9.1	NO	NO	MMX
10	200709M1_12	Standard	12.500	4.23	12481.816		12481.816	10.4	-16.7	NO	NO	MMX

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Compound name: 13C2-PFOA-RSD
Response Factor: 0.673929
RRF SD: 0.0175684, Relative SD: 2.60687
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	4.23	14401.490	21346.453	8.433	12.5	0.1	NO	NO	bb
2	200709M1_4	Standard	12.500	4.23	15288.668	23895.475	7.998	11.9	-5.1	NO	NO	bb
3	200709M1_5	Standard	12.500	4.23	15324.434	22654.268	8.456	12.5	0.4	NO	NO	MM
4	200709M1_6	Standard	12.500	4.23	15275.036	22496.816	8.487	12.6	0.8	NO	NO	bb
5	200709M1_7	Standard	12.500	4.23	15662.250	23655.566	8.276	12.3	-1.8	NO	NO	bb
6	200709M1_8	Standard	12.500	4.23	14978.819	22056.150	8.489	12.6	0.8	NO	NO	MM
7	200709M1_9	Standard	12.500	4.23	15390.143	23392.174	8.224	12.2	-2.4	NO	NO	MM
8	200709M1_10	Standard	12.500	4.23	15298.850	22507.582	8.496	12.6	0.9	NO	NO	bb
9	200709M1_11	Standard	12.500	4.23	13595.310	19849.545	8.561	12.7	1.6	NO	NO	MM
10	200709M1_12	Standard	12.500	4.23	12492.302	17704.148	8.820	13.1	4.7	NO	NO	MM

Compound name: 13C8-PFOS-EIS
Response Factor: 306.483
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	4.75	3881.924	3881.924	12.7	1.3	NO	NO	bbX
2	200709M1_4	Standard	12.500	4.75	3883.624	3883.624	12.7	1.4	NO	NO	bbX
3	200709M1_5	Standard	12.500	4.75	4158.617	4158.617	13.6	8.6	NO	NO	MMX
4	200709M1_6	Standard	12.500	4.75	4436.310	4436.310	14.5	15.8	NO	NO	MMX
5	200709M1_7	Standard	12.500	4.75	4570.278	4570.278	14.9	19.3	NO	NO	bbX
6	200709M1_8	Standard	12.500	4.75	3831.038	3831.038	12.5	0.0	NO	NO	bb
7	200709M1_9	Standard	12.500	4.75	4420.276	4420.276	14.4	15.4	NO	NO	bbX
8	200709M1_10	Standard	12.500	4.75	3969.252	3969.252	13.0	3.6	NO	NO	bbX
9	200709M1_11	Standard	12.500	4.75	3769.773	3769.773	12.3	-1.6	NO	NO	bbX
10	200709M1_12	Standard	12.500	4.75	3343.156	3343.156	10.9	-12.7	NO	NO	bbX

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Compound name: 13C8-PFOS-RSD
Response Factor: 1.00949
RRF SD: 0.0618707, Relative SD: 6.1289
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	QuD	QuD Flag	Peak Qual
1	200709M1_3	Standard	12.500	4.75	3881.924	3632.402	13.359	13.2	5.9	NO		NO	bb
2	200709M1_4	Standard	12.500	4.75	3883.624	4276.431	11.352	11.2	-10.0	NO		NO	bb
3	200709M1_5	Standard	12.500	4.75	4159.833	4183.487	12.429	12.3	-1.5	NO		NO	MM
4	200709M1_6	Standard	12.500	4.75	4428.187	4072.741	13.591	13.5	7.7	NO		NO	MM
5	200709M1_7	Standard	12.500	4.75	4570.278	4319.257	13.226	13.1	4.8	NO		NO	bb
6	200709M1_8	Standard	12.500	4.75	3831.038	4122.860	11.615	11.5	-8.0	NO		NO	bb
7	200709M1_9	Standard	12.500	4.75	4420.276	4113.252	13.433	13.3	6.5	NO		NO	bb
8	200709M1_10	Standard	12.500	4.75	3969.252	4046.469	12.261	12.1	-2.8	NO		NO	bb
9	200709M1_11	Standard	12.500	4.75	3769.773	3744.021	12.586	12.5	-0.3	NO		NO	bb
10	200709M1_12	Standard	12.500	4.75	3343.156	3388.288	12.333	12.2	-2.3	NO		NO	bb

Compound name: 13C2-PFDA-EIS
Response Factor: 1138.44
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	5.04	13773.276	13773.276	12.1	-3.2	NO		NO	MMX
2	200709M1_4	Standard	12.500	5.04	13734.601	13734.601	12.1	-3.5	NO		NO	bbX
3	200709M1_5	Standard	12.500	5.04	13157.589	13157.589	11.6	-7.5	NO		NO	MMX
4	200709M1_6	Standard	12.500	5.04	13612.348	13612.348	12.0	-4.3	NO		NO	bbX
5	200709M1_7	Standard	12.500	5.04	14593.155	14593.155	12.8	2.5	NO		NO	MMX
6	200709M1_8	Standard	12.500	5.04	14230.561	14230.561	12.5	0.0	NO		NO	MM
7	200709M1_9	Standard	12.500	5.04	14326.585	14326.585	12.6	0.7	NO		NO	MMX
8	200709M1_10	Standard	12.500	5.04	13110.102	13110.102	11.5	-7.9	NO		NO	bbX
9	200709M1_11	Standard	12.500	5.04	12977.833	12977.833	11.4	-8.8	NO		NO	MMX
10	200709M1_12	Standard	12.500	5.04	11302.531	11302.531	9.9	-20.6	NO		NO	MMX

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Compound name: 13C2-PFDA-RSD
Response Factor: 0.734576
RRF SD: 0.0257164, Relative SD: 3.50085
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	5.04	13770.787	17269.619	9.967	13.6	8.6	NO	NO	MM
2	200709M1_4	Standard	12.500	5.04	13734.601	19086.123	8.995	12.2	-2.0	NO	NO	bb
3	200709M1_5	Standard	12.500	5.04	13168.327	17561.568	9.373	12.8	2.1	NO	NO	MM
4	200709M1_6	Standard	12.500	5.04	13612.348	18710.463	9.094	12.4	-1.0	NO	NO	bb
5	200709M1_7	Standard	12.500	5.04	14570.624	20433.492	8.913	12.1	-2.9	NO	NO	MM
6	200709M1_8	Standard	12.500	5.04	14227.230	19166.215	9.279	12.6	1.1	NO	NO	MM
7	200709M1_9	Standard	12.500	5.04	14327.307	19880.230	9.009	12.3	-1.9	NO	NO	MM
8	200709M1_10	Standard	12.500	5.04	13110.102	18551.443	8.834	12.0	-3.8	NO	NO	bb
9	200709M1_11	Standard	12.500	5.04	12984.751	17723.600	9.158	12.5	-0.3	NO	NO	MM
10	200709M1_12	Standard	12.500	5.04	11307.147	15362.876	9.200	12.5	0.2	NO	NO	MM

Compound name: 13C2-8:2 FTS-EIS
Response Factor: 183.269
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	5.01	2446.843	2446.843	13.4	6.8	NO	NO	bbX
2	200709M1_4	Standard	12.500	5.01	2540.305	2540.305	13.9	10.9	NO	NO	bbX
3	200709M1_5	Standard	12.500	5.01	1991.698	1991.698	10.9	-13.1	NO	NO	MMX
4	200709M1_6	Standard	12.500	5.01	2258.951	2258.951	12.3	-1.4	NO	NO	MMX
5	200709M1_7	Standard	12.500	5.01	2138.403	2138.403	11.7	-6.7	NO	NO	bbX
6	200709M1_8	Standard	12.500	5.01	2290.864	2290.864	12.5	0.0	NO	NO	MM
7	200709M1_9	Standard	12.500	5.01	2260.021	2260.021	12.3	-1.3	NO	NO	bbX
8	200709M1_10	Standard	12.500	5.01	2182.157	2182.157	11.9	-4.7	NO	NO	MMX
9	200709M1_11	Standard	12.500	5.01	2056.072	2056.072	11.2	-10.2	NO	NO	MMX
10	200709M1_12	Standard	12.500	5.01	1971.476	1971.476	10.8	-13.9	NO	NO	bbX

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Compound name: 13C2-8:2 FTS-RSD
Response Factor: 0.557038
RRF SD: 0.0540397, Relative SD: 9.70126
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	5.01	2446.843	3632.402	8.420	15.1	20.9	NO	NO	bb
2	200709M1_4	Standard	12.500	5.01	2540.305	4276.431	7.425	13.3	6.6	NO	NO	bb
3	200709M1_5	Standard	12.500	5.01	1994.670	4183.487	5.960	10.7	-14.4	NO	NO	MM
4	200709M1_6	Standard	12.500	5.01	2261.807	4072.741	6.942	12.5	-0.3	NO	NO	MM
5	200709M1_7	Standard	12.500	5.01	2138.403	4319.257	6.189	11.1	-11.1	NO	NO	bb
6	200709M1_8	Standard	12.500	5.01	2290.629	4122.860	6.945	12.5	-0.3	NO	NO	MM
7	200709M1_9	Standard	12.500	5.01	2260.021	4113.252	6.868	12.3	-1.4	NO	NO	bb
8	200709M1_10	Standard	12.500	5.01	2183.312	4046.469	6.744	12.1	-3.1	NO	NO	MM
9	200709M1_11	Standard	12.500	5.01	2055.669	3744.021	6.863	12.3	-1.4	NO	NO	MM
10	200709M1_12	Standard	12.500	5.01	1971.476	3388.288	7.273	13.1	4.5	NO	NO	bb

Compound name: d3-N-MeFOSAA-EIS
Response Factor: 899.572
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	5.19	11221.166	11221.166	12.5	-0.2	NO	NO	MMX
2	200709M1_4	Standard	12.500	5.19	11389.586	11389.586	12.7	1.3	NO	NO	MMX
3	200709M1_5	Standard	12.500	5.19	11053.488	11053.488	12.3	-1.7	NO	NO	bbX
4	200709M1_6	Standard	12.500	5.19	10722.821	10722.821	11.9	-4.6	NO	NO	MMX
5	200709M1_7	Standard	12.500	5.19	11908.239	11908.239	13.2	5.9	NO	NO	bbX
6	200709M1_8	Standard	12.500	5.19	11244.653	11244.653	12.5	0.0	NO	NO	bb
7	200709M1_9	Standard	12.500	5.19	11626.313	11626.313	12.9	3.4	NO	NO	MMX
8	200709M1_10	Standard	12.500	5.19	11480.123	11480.123	12.8	2.1	NO	NO	bbX
9	200709M1_11	Standard	12.500	5.19	9780.898	9780.898	10.9	-13.0	NO	NO	MMX
10	200709M1_12	Standard	12.500	5.19	10016.673	10016.673	11.1	-10.9	NO	NO	MMX

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Compound name: d3-N-MeFOSAA-RSD
Response Factor: 0.463842
RRF SD: 0.0294204, Relative SD: 6.34276
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	Qual	Qual Flag	Peak
1	200709M1_3	Standard	12.500	5.19	11231.665	22880.506	6.136	13.2	5.8	NO		NO	MM
2	200709M1_4	Standard	12.500	5.19	11388.822	25795.281	5.519	11.9	-4.8	NO		NO	MM
3	200709M1_5	Standard	12.500	5.19	11053.488	23991.074	5.759	12.4	-0.7	NO		NO	bb
4	200709M1_6	Standard	12.500	5.19	10728.754	25584.100	5.242	11.3	-9.6	NO		NO	MM
5	200709M1_7	Standard	12.500	5.19	11908.239	24579.756	6.056	13.1	4.4	NO		NO	bb
6	200709M1_8	Standard	12.500	5.19	11244.653	25661.232	5.477	11.8	-5.5	NO		NO	bb
7	200709M1_9	Standard	12.500	5.19	11630.603	23974.686	6.064	13.1	4.6	NO		NO	MM
8	200709M1_10	Standard	12.500	5.19	11480.123	23615.703	6.077	13.1	4.8	NO		NO	bb
9	200709M1_11	Standard	12.500	5.19	9787.691	22737.959	5.381	11.6	-7.2	NO		NO	MM
10	200709M1_12	Standard	12.500	5.19	10032.004	20000.988	6.270	13.5	8.1	NO		NO	MM

Compound name: 13C2-PFUdA-EIS
Response Factor: 1731.35
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	5.36	20222.004	20222.004	11.7	-6.6	NO		NO		bbX
2	200709M1_4	Standard	12.500	5.36	20861.045	20861.045	12.0	-3.6	NO		NO		MMX
3	200709M1_5	Standard	12.500	5.37	21497.805	21497.805	12.4	-0.7	NO		NO		bbX
4	200709M1_6	Standard	12.500	5.37	20859.754	20859.754	12.0	-3.6	NO		NO		bbX
5	200709M1_7	Standard	12.500	5.37	20820.277	20820.277	12.0	-3.8	NO		NO		bbX
6	200709M1_8	Standard	12.500	5.37	21641.908	21641.908	12.5	0.0	NO		NO		bb
7	200709M1_9	Standard	12.500	5.36	21815.955	21815.955	12.6	0.8	NO		NO		bbX
8	200709M1_10	Standard	12.500	5.36	20760.887	20760.887	12.0	-4.1	NO		NO		MMX
9	200709M1_11	Standard	12.500	5.36	18551.518	18551.518	10.7	-14.3	NO		NO		bbX
10	200709M1_12	Standard	12.500	5.36	18754.572	18754.572	10.8	-13.3	NO		NO		MMX

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Compound name: 13C2-PFUdA-RSD
Response Factor: 0.863669
RRF SD: 0.0441656, Relative SD: 5.11372
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	5.36	20222.004	22880.506	11.048	12.8	2.3	NO	NO	bb
2	200709M1_4	Standard	12.500	5.36	20862.652	25795.281	10.110	11.7	-6.4	NO	NO	MM
3	200709M1_5	Standard	12.500	5.37	21497.805	23991.074	11.201	13.0	3.8	NO	NO	bb
4	200709M1_6	Standard	12.500	5.37	20859.754	25584.100	10.192	11.8	-5.6	NO	NO	bb
5	200709M1_7	Standard	12.500	5.37	20820.277	24579.756	10.588	12.3	-1.9	NO	NO	bb
6	200709M1_8	Standard	12.500	5.37	21641.908	25661.232	10.542	12.2	-2.4	NO	NO	bb
7	200709M1_9	Standard	12.500	5.36	21815.955	23974.686	11.374	13.2	5.4	NO	NO	bb
8	200709M1_10	Standard	12.500	5.36	20765.969	23615.703	10.992	12.7	1.8	NO	NO	MM
9	200709M1_11	Standard	12.500	5.36	18551.518	22737.959	10.199	11.8	-5.5	NO	NO	bb
10	200709M1_12	Standard	12.500	5.36	18742.814	20000.988	11.714	13.6	8.5	NO	NO	MM

Compound name: d5-N-EtFOSAA-EIS
Response Factor: 788.373
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	5.35	10288.450	10288.450	13.1	4.4	NO	NO	MMX
2	200709M1_4	Standard	12.500	5.35	10951.817	10951.817	13.9	11.1	NO	NO	bbX
3	200709M1_5	Standard	12.500	5.35	9447.607	9447.607	12.0	-4.1	NO	NO	bbX
4	200709M1_6	Standard	12.500	5.35	10702.617	10702.617	13.6	8.6	NO	NO	bbX
5	200709M1_7	Standard	12.500	5.35	10604.522	10604.522	13.5	7.6	NO	NO	bbX
6	200709M1_8	Standard	12.500	5.35	9854.658	9854.658	12.5	0.0	NO	NO	MM
7	200709M1_9	Standard	12.500	5.34	10653.846	10653.846	13.5	8.1	NO	NO	bbX
8	200709M1_10	Standard	12.500	5.34	8616.352	8616.352	10.9	-12.6	NO	NO	bbX
9	200709M1_11	Standard	12.500	5.34	8680.691	8680.691	11.0	-11.9	NO	NO	bbX
10	200709M1_12	Standard	12.500	5.34	8104.447	8104.447	10.3	-17.8	NO	NO	bbX

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Compound name: d5-N-EtFOSAA-RSD
Response Factor: 0.409819
RRF SD: 0.0284492, Relative SD: 6.94189
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	5.35	10288.905	22880.506	5.621	13.7	9.7	NO	NO	MM
2	200709M1_4	Standard	12.500	5.35	10951.817	25795.281	5.307	12.9	3.6	NO	NO	bb
3	200709M1_5	Standard	12.500	5.35	9447.607	23991.074	4.922	12.0	-3.9	NO	NO	bb
4	200709M1_6	Standard	12.500	5.35	10702.617	25584.100	5.229	12.8	2.1	NO	NO	bb
5	200709M1_7	Standard	12.500	5.35	10604.522	24579.756	5.393	13.2	5.3	NO	NO	bb
6	200709M1_8	Standard	12.500	5.35	9858.463	25661.232	4.802	11.7	-6.3	NO	NO	MM
7	200709M1_9	Standard	12.500	5.34	10653.846	23974.686	5.555	13.6	8.4	NO	NO	bb
8	200709M1_10	Standard	12.500	5.34	8616.352	23615.703	4.561	11.1	-11.0	NO	NO	bb
9	200709M1_11	Standard	12.500	5.34	8680.691	22737.959	4.772	11.6	-6.8	NO	NO	bb
10	200709M1_12	Standard	12.500	5.34	8104.447	20000.988	5.065	12.4	-1.1	NO	NO	bb

Compound name: 13C2-PFDoA-EIS
Response Factor: 1811.36
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	5.65	23357.453	23357.453	12.9	3.2	NO	NO	bbX
2	200709M1_4	Standard	12.500	5.65	22620.096	22620.096	12.5	-0.1	NO	NO	bbX
3	200709M1_5	Standard	12.500	5.65	22982.793	22982.793	12.7	1.5	NO	NO	bbX
4	200709M1_6	Standard	12.500	5.65	24186.063	24186.063	13.4	6.8	NO	NO	bbX
5	200709M1_7	Standard	12.500	5.65	23904.303	23904.303	13.2	5.6	NO	NO	bbX
6	200709M1_8	Standard	12.500	5.65	22642.012	22642.012	12.5	0.0	NO	NO	MM
7	200709M1_9	Standard	12.500	5.65	23413.334	23413.334	12.9	3.4	NO	NO	bbX
8	200709M1_10	Standard	12.500	5.65	23264.115	23264.115	12.8	2.7	NO	NO	MMX
9	200709M1_11	Standard	12.500	5.65	21454.037	21454.037	11.8	-5.2	NO	NO	MMX
10	200709M1_12	Standard	12.500	5.65	19763.998	19763.998	10.9	-12.7	NO	NO	MMX

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Compound name: 13C2-PFDoA-RSD
Response Factor: 1.2482
RRF SD: 0.0633865, Relative SD: 5.07823
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	5.65	23357.453	17269.619	16.906	13.5	8.4	NO	NO	bb
2	200709M1_4	Standard	12.500	5.65	22620.096	19086.123	14.814	11.9	-5.1	NO	NO	bb
3	200709M1_5	Standard	12.500	5.65	22982.793	17561.568	16.359	13.1	4.8	NO	NO	bb
4	200709M1_6	Standard	12.500	5.65	24186.063	18710.463	16.158	12.9	3.6	NO	NO	bb
5	200709M1_7	Standard	12.500	5.65	24797.723	20433.492	15.170	12.2	-2.8	NO	NO	bd
6	200709M1_8	Standard	12.500	5.65	22650.148	19166.215	14.772	11.8	-5.3	NO	NO	MM
7	200709M1_9	Standard	12.500	5.65	23346.398	19880.230	14.679	11.8	-5.9	NO	NO	bb
8	200709M1_10	Standard	12.500	5.65	23278.418	18551.443	15.685	12.6	0.5	NO	NO	MM
9	200709M1_11	Standard	12.500	5.65	21494.738	17723.600	15.160	12.1	-2.8	NO	NO	MM
10	200709M1_12	Standard	12.500	5.65	20059.277	15362.876	16.321	13.1	4.6	NO	NO	MM

Compound name: 13C2-10:2 FTS-EIS
Response Factor: 144.44
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	5.64	1668.977	1668.977	11.6	-7.6	NO	NO	bbX
2	200709M1_4	Standard	12.500	5.64	1800.427	1800.427	12.5	-0.3	NO	NO	bbX
3	200709M1_5	Standard	12.500	5.63	1843.827	1843.827	12.8	2.1	NO	NO	bbX
4	200709M1_6	Standard	12.500	5.64	1577.244	1577.244	10.9	-12.6	NO	NO	bbX
5	200709M1_7	Standard	12.500	5.63	1706.043	1706.043	11.8	-5.5	NO	NO	MMX
6	200709M1_8	Standard	12.500	5.63	1805.506	1805.506	12.5	0.0	NO	NO	MM
7	200709M1_9	Standard	12.500	5.63	1811.587	1811.587	12.5	0.3	NO	NO	MMX
8	200709M1_10	Standard	12.500	5.63	1611.362	1611.362	11.2	-10.8	NO	NO	MMX
9	200709M1_11	Standard	12.500	5.63	1441.739	1441.739	10.0	-20.1	NO	NO	MMX
10	200709M1_12	Standard	12.500	5.63	1173.952	1173.952	8.1	-35.0	NO	NO	MMX

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Compound name: 13C2-10:2 FTS-RSD
Response Factor: 0.411453
RRF SD: 0.0348046, Relative SD: 8.45896
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	5.64	1668.977	3632.402	5.743	14.0	11.7	NO	NO	bb
2	200709M1_4	Standard	12.500	5.64	1800.427	4276.431	5.263	12.8	2.3	NO	NO	bb
3	200709M1_5	Standard	12.500	5.63	1843.827	4183.487	5.509	13.4	7.1	NO	NO	bb
4	200709M1_6	Standard	12.500	5.64	1577.244	4072.741	4.841	11.8	-5.9	NO	NO	bb
5	200709M1_7	Standard	12.500	5.63	1701.296	4319.257	4.924	12.0	-4.3	NO	NO	MM
6	200709M1_8	Standard	12.500	5.63	1816.814	4122.860	5.508	13.4	7.1	NO	NO	MM
7	200709M1_9	Standard	12.500	5.63	1811.606	4113.252	5.505	13.4	7.0	NO	NO	MM
8	200709M1_10	Standard	12.500	5.63	1616.566	4046.469	4.994	12.1	-2.9	NO	NO	MM
9	200709M1_11	Standard	12.500	5.63	1441.739	3744.021	4.813	11.7	-6.4	NO	NO	MM
10	200709M1_12	Standard	12.500	5.63	1173.952	3388.288	4.331	10.5	-15.8	NO	NO	MM

Compound name: d3-N-MeFOSA-EIS
Response Factor: 96.9876
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	149.200	5.68	13955.894	13955.894	143.9	-3.6	NO	NO	bbX
2	200709M1_4	Standard	149.200	5.68	14311.017	14311.017	147.6	-1.1	NO	NO	bbX
3	200709M1_5	Standard	149.200	5.68	14678.638	14678.638	151.3	1.4	NO	NO	bbX
4	200709M1_6	Standard	149.200	5.68	14459.426	14459.426	149.1	-0.1	NO	NO	bbX
5	200709M1_7	Standard	149.200	5.68	15726.781	15726.781	162.2	8.7	NO	NO	MMX
6	200709M1_8	Standard	149.200	5.68	14470.552	14470.552	149.2	0.0	NO	NO	bb
7	200709M1_9	Standard	149.200	5.67	15524.153	15524.153	160.1	7.3	NO	NO	MMX
8	200709M1_10	Standard	149.200	5.67	15139.455	15139.455	156.1	4.6	NO	NO	MMX
9	200709M1_11	Standard	149.200	5.68	15081.604	15081.604	155.5	4.2	NO	NO	MMX
10	200709M1_12	Standard	149.200	5.68	14633.281	14633.281	150.9	1.1	NO	NO	MMX

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Compound name: d3-N-MeFOSA-RSD
Response Factor: 0.052137
RRF SD: 0.00442367, Relative SD: 8.48471
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	149.200	5.68	13955.894	22880.506	7.624	146.2	-2.0	NO	NO	bb
2	200709M1_4	Standard	149.200	5.68	14311.017	25795.281	6.935	133.0	-10.8	NO	NO	bb
3	200709M1_5	Standard	149.200	5.68	14678.638	23991.074	7.648	146.7	-1.7	NO	NO	bb
4	200709M1_6	Standard	149.200	5.68	14459.426	25584.100	7.065	135.5	-9.2	NO	NO	bb
5	200709M1_7	Standard	149.200	5.68	15727.934	24579.756	7.998	153.4	2.8	NO	NO	MM
6	200709M1_8	Standard	149.200	5.68	14470.552	25661.232	7.049	135.2	-9.4	NO	NO	bb
7	200709M1_9	Standard	149.200	5.67	15518.543	23974.686	8.091	155.2	4.0	NO	NO	MM
8	200709M1_10	Standard	149.200	5.67	15129.746	23615.703	8.008	153.6	2.9	NO	NO	MM
9	200709M1_11	Standard	149.200	5.68	15112.814	22737.959	8.308	159.4	6.8	NO	NO	MM
10	200709M1_12	Standard	149.200	5.68	14499.482	20000.988	9.062	173.8	16.5	NO	NO	MM

Compound name: 13C2-PFTeDA-EIS
Response Factor: 1325.42
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	6.12	15851.794	15851.794	12.0	-4.3	NO	NO	bbX
2	200709M1_4	Standard	12.500	6.11	16980.012	16980.012	12.8	2.5	NO	NO	MMX
3	200709M1_5	Standard	12.500	6.12	16133.386	16133.386	12.2	-2.6	NO	NO	bbX
4	200709M1_6	Standard	12.500	6.12	16171.252	16171.252	12.2	-2.4	NO	NO	bbX
5	200709M1_7	Standard	12.500	6.11	17751.199	17751.199	13.4	7.1	NO	NO	MMX
6	200709M1_8	Standard	12.500	6.11	16567.736	16567.736	12.5	0.0	NO	NO	MM
7	200709M1_9	Standard	12.500	6.11	16949.291	16949.291	12.8	2.3	NO	NO	MMX
8	200709M1_10	Standard	12.500	6.11	16897.947	16897.947	12.7	2.0	NO	NO	MMX
9	200709M1_11	Standard	12.500	6.11	14957.285	14957.285	11.3	-9.7	NO	NO	MMX
10	200709M1_12	Standard	12.500	6.11	14631.605	14631.605	11.0	-11.7	NO	NO	MMX

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Compound name: 13C2-PFTeDA-RSD
Response Factor: 0.683878
RRF SD: 0.0348603, Relative SD: 5.09744
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	Data File	Type	Std Conc	RRT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Excluded
1	200709M1_3	Standard	12.500	6.12	15851.794	22880.506	8.660	12.7	1.3	NO		NO	bb
2	200709M1_4	Standard	12.500	6.11	16992.014	25795.281	8.234	12.0	-3.7	NO		NO	MM
3	200709M1_5	Standard	12.500	6.12	16133.386	23991.074	8.406	12.3	-1.7	NO		NO	bb
4	200709M1_6	Standard	12.500	6.12	16171.252	25584.100	7.901	11.6	-7.6	NO		NO	bb
5	200709M1_7	Standard	12.500	6.11	17784.438	24579.756	9.044	13.2	5.8	NO		NO	MM
6	200709M1_8	Standard	12.500	6.11	16573.344	25661.232	8.073	11.8	-5.6	NO		NO	MM
7	200709M1_9	Standard	12.500	6.11	16943.467	23974.686	8.834	12.9	3.3	NO		NO	MM
8	200709M1_10	Standard	12.500	6.11	16899.857	23615.703	8.945	13.1	4.6	NO		NO	MM
9	200709M1_11	Standard	12.500	6.11	14994.819	22737.959	8.243	12.1	-3.6	NO		NO	MM
10	200709M1_12	Standard	12.500	6.11	14630.599	20000.988	9.144	13.4	7.0	NO		NO	MM

Compound name: d5-N-ETFOSA-EIS
Response Factor: 160.275
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	Data File	Type	Std Conc	RRT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Excluded
1	200709M1_3	Standard	149.200	6.11	21745.332		21745.332	135.7	-9.1	NO		NO	bbX
2	200709M1_4	Standard	149.200	6.11	22980.859		22980.859	143.4	-3.9	NO		NO	bbX
3	200709M1_5	Standard	149.200	6.11	22286.557		22286.557	139.1	-6.8	NO		NO	bbX
4	200709M1_6	Standard	149.200	6.11	22697.314		22697.314	141.6	-5.1	NO		NO	bbX
5	200709M1_7	Standard	149.200	6.11	23159.734		23159.734	144.5	-3.2	NO		NO	bbX
6	200709M1_8	Standard	149.200	6.11	23913.059		23913.059	149.2	0.0	NO		NO	MM
7	200709M1_9	Standard	149.200	6.10	24029.742		24029.742	149.9	0.5	NO		NO	MMX
8	200709M1_10	Standard	149.200	6.10	23682.957		23682.957	147.8	-1.0	NO		NO	MMX
9	200709M1_11	Standard	149.200	6.10	21911.168		21911.168	136.7	-8.4	NO		NO	MMX
10	200709M1_12	Standard	149.200	6.11	19783.143		19783.143	123.4	-17.3	NO		NO	MMX

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Compound name: d5-N-ETFOSA-RSD
Response Factor: 0.0795093
RRF SD: 0.00346588, Relative SD: 4.35908
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	149.200	6.11	21745.332	22880.506	11.880	149.4	0.1	NO	NO	bb
2	200709M1_4	Standard	149.200	6.11	22980.859	25795.281	11.136	140.1	-6.1	NO	NO	bb
3	200709M1_5	Standard	149.200	6.11	22286.557	23991.074	11.612	146.0	-2.1	NO	NO	bb
4	200709M1_6	Standard	149.200	6.11	22697.314	25584.100	11.090	139.5	-6.5	NO	NO	bb
5	200709M1_7	Standard	149.200	6.11	23159.734	24579.756	11.778	148.1	-0.7	NO	NO	bb
6	200709M1_8	Standard	149.200	6.11	23920.309	25661.232	11.652	146.5	-1.8	NO	NO	MM
7	200709M1_9	Standard	149.200	6.10	24088.904	23974.686	12.560	158.0	5.9	NO	NO	MM
8	200709M1_10	Standard	149.200	6.10	23555.783	23615.703	12.468	156.8	5.1	NO	NO	MM
9	200709M1_11	Standard	149.200	6.10	21954.477	22737.959	12.069	151.8	1.7	NO	NO	MM
10	200709M1_12	Standard	149.200	6.11	19814.551	20000.988	12.383	155.7	4.4	NO	NO	MM

Compound name: 13C2-PFHxDA-EIS
Response Factor: 1913.82
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

1	200709M1_3	Standard	12.500	6.43	23201.713		23201.713	12.1	-3.0	NO	NO	MMX
2	200709M1_4	Standard	12.500	6.43	22762.305		22762.305	11.9	-4.9	NO	NO	bbX
3	200709M1_5	Standard	12.500	6.43	23798.367		23798.367	12.4	-0.5	NO	NO	MMX
4	200709M1_6	Standard	12.500	6.43	23201.090		23201.090	12.1	-3.0	NO	NO	MMX
5	200709M1_7	Standard	12.500	6.43	22992.068		22992.068	12.0	-3.9	NO	NO	MMX
6	200709M1_8	Standard	12.500	6.43	23922.695		23922.695	12.5	0.0	NO	NO	MM
7	200709M1_9	Standard	12.500	6.43	24226.217		24226.217	12.7	1.3	NO	NO	MMX
8	200709M1_10	Standard	12.500	6.43	24268.207		24268.207	12.7	1.4	NO	NO	MMX
9	200709M1_11	Standard	12.500	6.43	20912.051		20912.051	10.9	-12.6	NO	NO	MMX
10	200709M1_12	Standard	12.500	6.43	21154.586		21154.586	11.1	-11.6	NO	NO	MMX

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Compound name: 13C2-PFHxDA-RSD
Response Factor: 0.967904
RRF SD: 0.0581877, Relative SD: 6.01173
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	Sop Flag	[illegible]
1	200709M1_3	Standard	12.500	6.43	23265.549	22880.506	12.710	13.1	5.1	NO		NO	MM
2	200709M1_4	Standard	12.500	6.43	22762.305	25795.281	11.030	11.4	-8.8	NO		NO	bb
3	200709M1_5	Standard	12.500	6.43	23865.771	23991.074	12.435	12.8	2.8	NO		NO	MM
4	200709M1_6	Standard	12.500	6.43	23330.994	25584.100	11.399	11.8	-5.8	NO		NO	MM
5	200709M1_7	Standard	12.500	6.43	22979.186	24579.756	11.686	12.1	-3.4	NO		NO	MM
6	200709M1_8	Standard	12.500	6.43	23929.416	25661.232	11.656	12.0	-3.7	NO		NO	MM
7	200709M1_9	Standard	12.500	6.43	24201.768	23974.686	12.618	13.0	4.3	NO		NO	MM
8	200709M1_10	Standard	12.500	6.43	24256.287	23615.703	12.839	13.3	6.1	NO		NO	MM
9	200709M1_11	Standard	12.500	6.43	20879.516	22737.959	11.478	11.9	-5.1	NO		NO	MM
10	200709M1_12	Standard	12.500	6.43	21017.393	20000.988	13.135	13.6	8.6	NO		NO	MM

Compound name: d7-N-MeFOSE-EIS
Response Factor: 73.3988
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	Sop Flag	[illegible]
1	200709M1_3	Standard	149.200	6.30	9856.474		9856.474	134.3	-10.0	NO		NO	bbX
2	200709M1_4	Standard	149.200	6.29	11794.404		11794.404	160.7	7.7	NO		NO	MMX
3	200709M1_5	Standard	149.200	6.30	11227.082		11227.082	153.0	2.5	NO		NO	MMX
4	200709M1_6	Standard	149.200	6.30	12240.526		12240.526	166.8	11.8	NO		NO	MMX
5	200709M1_7	Standard	149.200	6.30	12235.248		12235.248	166.7	11.7	NO		NO	MMX
6	200709M1_8	Standard	149.200	6.29	10951.094		10951.094	149.2	0.0	NO		NO	MM
7	200709M1_9	Standard	149.200	6.29	11852.557		11852.557	161.5	8.2	NO		NO	MMX
8	200709M1_10	Standard	149.200	6.29	13050.481		13050.481	177.8	19.2	NO		NO	MMX
9	200709M1_11	Standard	149.200	6.29	10769.311		10769.311	146.7	-1.7	NO		NO	MMX
10	200709M1_12	Standard	149.200	6.29	10994.452		10994.452	149.8	0.4	NO		NO	MMX

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Compound name: d7-N-MeFOSE-RSD
Response Factor: 0.0404814
RRF SD: 0.00358148, Relative SD: 8.84722
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

	Name	Type	Sample	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	QC	QC Flag	Integration
1	200709M1_3	Standard	149.200	6.30	9856.474	22880.506	5.385	133.0	-10.8	NO		NO	bb
2	200709M1_4	Standard	149.200	6.29	11806.108	25795.281	5.721	141.3	-5.3	NO		NO	MM
3	200709M1_5	Standard	149.200	6.30	11227.082	23991.074	5.850	144.5	-3.1	NO		NO	MM
4	200709M1_6	Standard	149.200	6.30	12242.987	25584.100	5.982	147.8	-1.0	NO		NO	MM
5	200709M1_7	Standard	149.200	6.30	12278.304	24579.756	6.244	154.2	3.4	NO		NO	MM
6	200709M1_8	Standard	149.200	6.29	10946.065	25661.232	5.332	131.7	-11.7	NO		NO	MM
7	200709M1_9	Standard	149.200	6.29	11859.236	23974.686	6.183	152.7	2.4	NO		NO	MM
8	200709M1_10	Standard	149.200	6.29	13052.613	23615.703	6.909	170.7	14.4	NO		NO	MM
9	200709M1_11	Standard	149.200	6.29	10795.281	22737.959	5.935	146.6	-1.7	NO		NO	MM
10	200709M1_12	Standard	149.200	6.29	10973.879	20000.988	6.858	169.4	13.6	NO		NO	MM

Compound name: d9-N-EtFOSE-EIS
Response Factor: 81.6929
RRF SD: 0, Relative SD: 0
Response type: External Std, Area
Curve type: RF

	Name	Type	Sample	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	QC	QC Flag	Integration
1	200709M1_3	Standard	149.200	6.44	10622.561		10622.561	130.0	-12.8	NO		NO	MMX
2	200709M1_4	Standard	149.200	6.44	11465.675		11465.675	140.4	-5.9	NO		NO	MMX
3	200709M1_5	Standard	149.200	6.44	10888.012		10888.012	133.3	-10.7	NO		NO	MMX
4	200709M1_6	Standard	149.200	6.44	10946.506		10946.506	134.0	-10.2	NO		NO	MMX
5	200709M1_7	Standard	149.200	6.44	11863.737		11863.737	145.2	-2.7	NO		NO	MMX
6	200709M1_8	Standard	149.200	6.44	12188.575		12188.575	149.2	0.0	NO		NO	MM
7	200709M1_9	Standard	149.200	6.44	12931.881		12931.881	158.3	6.1	NO		NO	bbX
8	200709M1_10	Standard	149.200	6.44	12636.709		12636.709	154.7	3.7	NO		NO	MMX
9	200709M1_11	Standard	149.200	6.44	12717.495		12717.495	155.7	4.3	NO		NO	MMX
10	200709M1_12	Standard	149.200	6.44	10596.347		10596.347	129.7	-13.1	NO		NO	MMX

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

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Compound name: d9-N-EtFOSE-RSD
Response Factor: 0.041179
RRF SD: 0.00383128, Relative SD: 9.30396
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	149.200	6.44	10701.065	22880.506	5.846	142.0	-4.8	NO	NO	MM
2	200709M1_4	Standard	149.200	6.44	11465.675	25795.281	5.556	134.9	-9.6	NO	NO	MM
3	200709M1_5	Standard	149.200	6.44	10888.886	23991.074	5.673	137.8	-7.7	NO	NO	MM
4	200709M1_6	Standard	149.200	6.44	10947.147	25584.100	5.349	129.9	-12.9	NO	NO	MM
5	200709M1_7	Standard	149.200	6.44	11865.857	24579.756	6.034	146.5	-1.8	NO	NO	MM
6	200709M1_8	Standard	149.200	6.44	12184.595	25661.232	5.935	144.1	-3.4	NO	NO	MM
7	200709M1_9	Standard	149.200	6.44	12931.881	23974.686	6.742	163.7	9.7	NO	NO	bb
8	200709M1_10	Standard	149.200	6.44	12636.709	23615.703	6.689	162.4	8.9	NO	NO	MM
9	200709M1_11	Standard	149.200	6.44	12704.564	22737.959	6.984	169.6	13.7	NO	NO	MM
10	200709M1_12	Standard	149.200	6.44	10608.095	20000.988	6.630	161.0	7.9	NO	NO	MM

Compound name: 13C4-PFBA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	1.33	5251.940	5251.940	12.500	12.5	0.0	NO	NO	MM
2	200709M1_4	Standard	12.500	1.33	6067.368	6067.368	12.500	12.5	0.0	NO	NO	MM
3	200709M1_5	Standard	12.500	1.34	5828.643	5828.643	12.500	12.5	0.0	NO	NO	MM
4	200709M1_6	Standard	12.500	1.34	5963.720	5963.720	12.500	12.5	0.0	NO	NO	MM
5	200709M1_7	Standard	12.500	1.33	6092.847	6092.847	12.500	12.5	0.0	NO	NO	MM
6	200709M1_8	Standard	12.500	1.34	6167.781	6167.781	12.500	12.5	0.0	NO	NO	MM
7	200709M1_9	Standard	12.500	1.33	5839.753	5839.753	12.500	12.5	0.0	NO	NO	MM
8	200709M1_10	Standard	12.500	1.33	5750.066	5750.066	12.500	12.5	0.0	NO	NO	MM
9	200709M1_11	Standard	12.500	1.33	6392.250	6392.250	12.500	12.5	0.0	NO	NO	MM
10	200709M1_12	Standard	12.500	1.34	5880.975	5880.975	12.500	12.5	0.0	NO	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

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Compound name: 13C5-PFHxA
Response Factor: 1
RRF SD: 8.27511e-017, Relative SD: 8.27511e-015
Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	3.10	12856.409	12856.409	12.500	12.5	0.0	NO	NO	bb
2	200709M1_4	Standard	12.500	3.10	14507.396	14507.396	12.500	12.5	0.0	NO	NO	bb
3	200709M1_5	Standard	12.500	3.11	14377.242	14377.242	12.500	12.5	0.0	NO	NO	MM
4	200709M1_6	Standard	12.500	3.10	14066.688	14066.688	12.500	12.5	0.0	NO	NO	bb
5	200709M1_7	Standard	12.500	3.10	14782.733	14782.733	12.500	12.5	0.0	NO	NO	bb
6	200709M1_8	Standard	12.500	3.11	13991.598	13991.598	12.500	12.5	0.0	NO	NO	bb
7	200709M1_9	Standard	12.500	3.10	14051.508	14051.508	12.500	12.5	0.0	NO	NO	bb
8	200709M1_10	Standard	12.500	3.10	14167.964	14167.964	12.500	12.5	0.0	NO	NO	bb
9	200709M1_11	Standard	12.500	3.10	13387.091	13387.091	12.500	12.5	0.0	NO	NO	MM
10	200709M1_12	Standard	12.500	3.10	11725.348	11725.348	12.500	12.5	0.0	NO	NO	bb

Compound name: 18O2-PFHxS
Response Factor: 1
RRF SD: 3.70074e-017, Relative SD: 3.70074e-015
Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	3.86	1990.874	1990.874	12.500	12.5	0.0	NO	NO	bb
2	200709M1_4	Standard	12.500	3.86	2177.865	2177.865	12.500	12.5	0.0	NO	NO	bb
3	200709M1_5	Standard	12.500	3.86	2014.549	2014.549	12.500	12.5	0.0	NO	NO	bb
4	200709M1_6	Standard	12.500	3.86	2182.543	2182.543	12.500	12.5	0.0	NO	NO	bb
5	200709M1_7	Standard	12.500	3.86	2010.083	2010.083	12.500	12.5	0.0	NO	NO	bb
6	200709M1_8	Standard	12.500	3.86	2072.526	2072.526	12.500	12.5	0.0	NO	NO	bb
7	200709M1_9	Standard	12.500	3.86	2082.355	2082.355	12.500	12.5	0.0	NO	NO	bb
8	200709M1_10	Standard	12.500	3.86	2005.601	2005.601	12.500	12.5	0.0	NO	NO	bb
9	200709M1_11	Standard	12.500	3.86	1923.914	1923.914	12.500	12.5	0.0	NO	NO	bb
10	200709M1_12	Standard	12.500	3.86	1818.730	1818.730	12.500	12.5	0.0	NO	NO	bb

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Compound name: 13C8-PFOA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)
Curve type: RF

	Name	Type	SQ Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD%	CoD Flag	Y-Axis Flag
1	200709M1_3	Standard	12.500	4.23	21346.453	21346.453	12.500	12.5	0.0	NO		NO	MM
2	200709M1_4	Standard	12.500	4.23	23895.475	23895.475	12.500	12.5	0.0	NO		NO	MM
3	200709M1_5	Standard	12.500	4.23	22654.268	22654.268	12.500	12.5	0.0	NO		NO	bb
4	200709M1_6	Standard	12.500	4.23	22496.816	22496.816	12.500	12.5	0.0	NO		NO	bb
5	200709M1_7	Standard	12.500	4.23	23655.566	23655.566	12.500	12.5	0.0	NO		NO	bb
6	200709M1_8	Standard	12.500	4.23	22056.150	22056.150	12.500	12.5	0.0	NO		NO	bb
7	200709M1_9	Standard	12.500	4.23	23392.174	23392.174	12.500	12.5	0.0	NO		NO	MM
8	200709M1_10	Standard	12.500	4.23	22507.582	22507.582	12.500	12.5	0.0	NO		NO	bb
9	200709M1_11	Standard	12.500	4.23	19849.545	19849.545	12.500	12.5	0.0	NO		NO	bb
10	200709M1_12	Standard	12.500	4.23	17704.148	17704.148	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C9-PFNA
Response Factor: 1
RRF SD: 3.70074e-017, Relative SD: 3.70074e-015
Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	4.67	12882.127	12882.127	12.500	12.5	0.0	NO		NO	bb
2	200709M1_4	Standard	12.500	4.67	14407.657	14407.657	12.500	12.5	0.0	NO		NO	bb
3	200709M1_5	Standard	12.500	4.67	14208.714	14208.714	12.500	12.5	0.0	NO		NO	bb
4	200709M1_6	Standard	12.500	4.67	15298.560	15298.560	12.500	12.5	0.0	NO		NO	MM
5	200709M1_7	Standard	12.500	4.67	16537.240	16537.240	12.500	12.5	0.0	NO		NO	MM
6	200709M1_8	Standard	12.500	4.67	14766.072	14766.072	12.500	12.5	0.0	NO		NO	bb
7	200709M1_9	Standard	12.500	4.66	14639.003	14639.003	12.500	12.5	0.0	NO		NO	bb
8	200709M1_10	Standard	12.500	4.66	15248.934	15248.934	12.500	12.5	0.0	NO		NO	MM
9	200709M1_11	Standard	12.500	4.67	13116.137	13116.137	12.500	12.5	0.0	NO		NO	MM
10	200709M1_12	Standard	12.500	4.66	12059.978	12059.978	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C4-PFOS
Response Factor: 1
RRF SD: 1.11022e-016, Relative SD: 1.11022e-014
Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	4.75	3632.402	3632.402	12.500	12.5	0.0	NO	NO	bb
2	200709M1_4	Standard	12.500	4.75	4276.431	4276.431	12.500	12.5	0.0	NO	NO	MM
3	200709M1_5	Standard	12.500	4.75	4183.487	4183.487	12.500	12.5	0.0	NO	NO	bb
4	200709M1_6	Standard	12.500	4.75	4072.741	4072.741	12.500	12.5	0.0	NO	NO	MM
5	200709M1_7	Standard	12.500	4.75	4319.257	4319.257	12.500	12.5	0.0	NO	NO	MM
6	200709M1_8	Standard	12.500	4.75	4122.860	4122.860	12.500	12.5	0.0	NO	NO	MM
7	200709M1_9	Standard	12.500	4.75	4113.252	4113.252	12.500	12.5	0.0	NO	NO	MM
8	200709M1_10	Standard	12.500	4.75	4046.469	4046.469	12.500	12.5	0.0	NO	NO	MM
9	200709M1_11	Standard	12.500	4.75	3744.021	3744.021	12.500	12.5	0.0	NO	NO	bb
10	200709M1_12	Standard	12.500	4.75	3388.288	3388.288	12.500	12.5	0.0	NO	NO	MM

Compound name: 13C6-PFDA
Response Factor: 1
RRF SD: 3.70074e-017, Relative SD: 3.70074e-015
Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	5.04	17269.619	17269.619	12.500	12.5	0.0	NO	NO	bb
2	200709M1_4	Standard	12.500	5.04	19086.123	19086.123	12.500	12.5	0.0	NO	NO	MM
3	200709M1_5	Standard	12.500	5.04	17561.568	17561.568	12.500	12.5	0.0	NO	NO	bb
4	200709M1_6	Standard	12.500	5.04	18710.463	18710.463	12.500	12.5	0.0	NO	NO	bb
5	200709M1_7	Standard	12.500	5.04	20433.492	20433.492	12.500	12.5	0.0	NO	NO	MM
6	200709M1_8	Standard	12.500	5.04	19166.215	19166.215	12.500	12.5	0.0	NO	NO	bb
7	200709M1_9	Standard	12.500	5.04	19880.230	19880.230	12.500	12.5	0.0	NO	NO	MM
8	200709M1_10	Standard	12.500	5.04	18551.443	18551.443	12.500	12.5	0.0	NO	NO	MM
9	200709M1_11	Standard	12.500	5.04	17723.600	17723.600	12.500	12.5	0.0	NO	NO	bb
10	200709M1_12	Standard	12.500	5.04	15362.876	15362.876	12.500	12.5	0.0	NO	NO	MM

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Compound name: 13C7-PFUdA
Response Factor: 1
RRF SD: 0, Relative SD: 0
Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
Curve type: RF

1	200709M1_3	Standard	12.500	5.36	22880.506	22880.506	12.500	12.5	0.0	NO	NO	MM
2	200709M1_4	Standard	12.500	5.36	25795.281	25795.281	12.500	12.5	0.0	NO	NO	bb
3	200709M1_5	Standard	12.500	5.37	23991.074	23991.074	12.500	12.5	0.0	NO	NO	bb
4	200709M1_6	Standard	12.500	5.37	25584.100	25584.100	12.500	12.5	0.0	NO	NO	bb
5	200709M1_7	Standard	12.500	5.37	24579.756	24579.756	12.500	12.5	0.0	NO	NO	bb
6	200709M1_8	Standard	12.500	5.36	25661.232	25661.232	12.500	12.5	0.0	NO	NO	MM
7	200709M1_9	Standard	12.500	5.36	23974.686	23974.686	12.500	12.5	0.0	NO	NO	bb
8	200709M1_10	Standard	12.500	5.36	23615.703	23615.703	12.500	12.5	0.0	NO	NO	MM
9	200709M1_11	Standard	12.500	5.36	22737.959	22737.959	12.500	12.5	0.0	NO	NO	MM
10	200709M1_12	Standard	12.500	5.36	20000.988	20000.988	12.500	12.5	0.0	NO	NO	MM

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Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070920.mdb 10 Jul 2020 10:12:24
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-09-20.cdb 10 Jul 2020 10:31:20

Name: 200709M1_8, Date: 09-Jul-2020, Time: 17:15:15, ID: ST200709M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	Name				
1	PFBA	47	0.9998	NO	
2	PFPrS	51	0.9997	NO	
3	3:3 FTCA	49	0.9988	NO	
4	PFPeA	49	0.9997	NO	
5	PFBS	51	0.9991	NO	
6	4:2 FTS	55	0.9987	NO	
7	PFHxA	57	0.9999	NO	
8	PFPeS	51	0.9993	NO	
9	HFPO-DA	53	0.9998	NO	
10	5:3 FTCA	59	0.9999	NO	
11	PFHpA	59	0.9997	NO	
12	ADONA	59	0.9994	NO	
13	L-PFHxS	61	0.9996	NO	
15	6:2 FTS	63	0.9990	NO	
16	L-PFOA	69	0.9999	NO	
18	PFecHS	69	0.9998	NO	
19	PFHpS	73	0.9996	NO	
20	7:3 FTCA	65	0.9985	NO	
21	PFNA	65	0.9997	NO	
22	PFOSA	67	0.9981	NO	
23	L-PFOS	73	0.9990	NO	
25	9Cl-PF3ONS	73	0.9993	NO	
26	PFDA	75	0.9995	NO	
27	8:2 FTS	77	0.9998	NO	
28	PFNS	73	0.9992	NO	
29	L-MeFOSAA	79	0.9995	NO	

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Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070920.mdb 10 Jul 2020 10:12:24
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-09-20.cdb 10 Jul 2020 10:31:20

Name: 200709M1_8, Date: 09-Jul-2020, Time: 17:15:15, ID: ST200709M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

31	L-EtFOSAA	83	0.9994	NO	
33	PFUdA	81	1.0000	NO	
34	PFDS	73	0.9995	NO	
35	11Cl-PF30UdS	85	0.9997	NO	
36	10:2 FTS	87	0.9945	NO	
37	PFDoA	85	0.9996	NO	
38	N-MeFOSA	89	0.9992	NO	
39	PFTrDA	85	0.9999	NO	
40	PFDoS	91	0.9997	NO	
41	PFTeDA	91	0.9999	NO	
42	N-EtFOSA	93	0.9995	NO	
43	PFHxDA	95	1.0000	NO	
44	PFODA	95	0.9997	NO	
45	N-MeFOSE	97	0.9971	NO	
46	N-EtFOSE	99	0.9984	NO	
47	13C3-PFBA-EIS			NO	0.000
48	13C3-PFBA-RSD	101		NO	2.333
49	13C3-PFPeA-EIS			NO	0.000
50	13C3-PFPeA-RSD	102		NO	5.517
51	13C3-PFBS-EIS			NO	0.000
52	13C3-PFBS-RSD	103		NO	4.919
53	13C3-HFPO-DA-EIS			NO	0.000
54	13C3-HFPO-DA-RSD	102		NO	8.658
55	13C2-4:2 FTS-EIS			NO	0.000
56	13C2-4:2 FTS-RSD	103		NO	6.123
57	13C2-PFHxA-EIS			NO	0.000
58	13C2-PFHxA-RSD	102		NO	4.718
59	13C4-PFHpA-EIS			NO	0.000
60	13C4-PFHpA-RSD	102		NO	5.177
61	13C3-PFHxS-EIS			NO	0.000
62	13C3-PFHxS-RSD	103		NO	3.976
63	13C2-6:2 FTS-EIS			NO	0.000

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Name: 200709M1_8, Date: 09-Jul-2020, Time: 17:15:15, ID: ST200709M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

64	13C2-6:2 FTS-RSD	106	NO	6.754
65	13C5-PFNA-EIS		NO	0.000
66	13C5-PFNA-RSD	105	NO	5.986
67	13C8-PFOSA-EIS		NO	0.000
68	13C8-PFOSA-RSD	108	NO	5.805
69	13C2-PFOA-EIS		NO	0.000
70	13C2-PFOA-RSD	104	NO	2.607
73	13C8-PFOS-EIS		NO	0.000
74	13C8-PFOS-RSD	106	NO	6.129
75	13C2-PFDA-EIS		NO	0.000
76	13C2-PFDA-RSD	107	NO	3.501
77	13C2-8:2 FTS-EIS		NO	0.000
78	13C2-8:2 FTS-RSD	106	NO	9.701
79	d3-N-MeFOSAA-EIS		NO	0.000
80	d3-N-MeFOSAA-RSD	108	NO	6.343
81	13C2-PFUdA-EIS		NO	0.000
82	13C2-PFUdA-RSD	108	NO	5.114
83	d5-N-EtFOSAA-EIS		NO	0.000
84	d5-N-EtFOSAA-RSD	108	NO	6.942
85	13C2-PFDoA-EIS		NO	0.000
86	13C2-PFDoA-RSD	107	NO	5.078
87	13C2-10:2 FTS-EIS		NO	0.000
88	13C2-10:2 FTS-RSD	106	NO	8.459
89	d3-N-MeFOSA-EIS		NO	0.000
90	d3-N-MeFOSA-RSD	108	NO	8.485
91	13C2-PFTeDA-EIS		NO	0.000
92	13C2-PFTeDA-RSD	108	NO	5.097
93	d5-N-ETFOSA-EIS		NO	0.000
94	d5-N-ETFOSA-RSD	108	NO	4.359
95	13C2-PFHxDA-EIS		NO	0.000
96	13C2-PFHxDA-RSD	108	NO	6.012
97	d7-N-MeFOSE-EIS		NO	0.000
98	d7-N-MeFOSE-RSD	108	NO	8.847
99	d9-N-EtFOSE-EIS		NO	0.000
1...	d9-N-EtFOSE-RSD	108	NO	9.304
1...	13C4-PFBA	101	NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:34:56 Pacific Daylight Time

Name: 200709M1_8, Date: 09-Jul-2020, Time: 17:15:15, ID: ST200709M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

					RSD
	1...	13C5-PFHxA	102	NO	0.000
	1...	18O2-PFHxS	103	NO	0.000
	1...	13C8-PFOA	104	NO	0.000
	1...	13C9-PFNA	105	NO	0.000
	1...	13C4-PFOS	106	NO	0.000
	1...	13C6-PFDA	107	NO	0.000
	1...	13C7-PFUdA	108	NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:37:07 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070920.mdb 10 Jul 2020 10:12:24
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-09-20.cdb 10 Jul 2020 10:31:20

Name: 200709M1_8, Date: 09-Jul-2020, Time: 17:15:15, ID: ST200709M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

1	PFBA	1.34	1.34			
2	PFPrS	1.71	1.67	2.292	2.292	NO
3	3:3 FTCA	2.15	2.15	1.979	1.979	NO
4	PFPeA	2.29	2.29			
5	PFBS	2.58	2.58	2.815	2.815	NO
6	4:2 FTS	3.02	3.02	1.972	1.972	NO
7	PFHxA	3.11	3.11	16.181	16.181	NO
8	PFPeS	3.25	3.31	1.695	1.695	NO
9	HFPO-DA	3.33	3.32	2.223	2.223	NO
10	5:3 FTCA	3.66	3.66	1.514	1.514	NO
11	PFHpA	3.72	3.72	10.055	10.055	NO
12	ADONA	3.81	3.83	3.464	3.464	NO
13	L-PFHxS	3.86	3.86	1.612	1.612	NO
15	6:2 FTS	4.18	4.18	2.223	2.223	NO
16	L-PFOA	4.23	4.23	3.633	3.633	NO
18	PFecHS	4.25	4.25	0.909	0.909	NO
19	PFHpS	4.36	4.34	1.832	1.832	NO
20	7:3 FTCA	4.66	4.65	1.389	1.389	NO
21	PFNA	4.67	4.67	3.825	3.825	NO
22	PFOSA	4.71	4.71	28.148	28.148	NO
23	L-PFOS	4.75	4.75	2.200	2.200	NO
25	9Cl-PF30NS	4.96	4.97	21.097	21.097	NO
26	PFDA	5.04	5.04	5.879	5.879	NO
27	8:2 FTS	5.01	5.01	1.565	1.565	NO
28	PFNS	5.09	5.11	1.620	1.620	NO
29	L-MeFOSAA	5.19	5.19	3.046	3.046	NO

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:37:33 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070920.mdb 10 Jul 2020 10:12:24
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-09-20.cdb 10 Jul 2020 10:31:20

Name: 200709M1_8, Date: 09-Jul-2020, Time: 17:15:15, ID: ST200709M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

31	L-EtFOSAA	5.35	5.35	1.354	1.354	NO
33	PFUdA	5.37	5.37	9.719	9.719	NO
34	PFDS	5.39	5.41	1.656	1.656	NO
35	11Cl-PF30UdS	5.58	5.58	23.021	23.021	NO
36	10:2 FTS	5.63	5.64	1.667	1.667	NO
37	PFDoA	5.65	5.65	7.867	7.867	NO
38	N-MeFOSA	5.67	5.65	1.437	1.437	NO
39	PFTrDA	5.91	5.90	8.401	8.401	NO
40	PFDoS	5.92	5.92	1.824	1.824	NO
41	PFTeDA	6.11	6.11	13.626	13.626	NO
42	N-EtFOSA	6.09	6.09	1.480	1.480	NO
43	PFHxDA	6.43	6.43	25.392	25.392	NO
44	PFODA	6.64	6.66			
45	N-MeFOSE	6.29	6.30			
46	N-EtFOSE	6.44	6.45			

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Friday, July 10, 2020 10:38:40 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:38:51 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070920.mdb 10 Jul 2020 10:12:24
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-09-20.cdb 10 Jul 2020 10:31:20

Compound name: PFBA

	Name	ID	Acq Date	Acq Time
1	200709M1_1	IPA	09-Jul-20	16:01:55
2	200709M1_2	IPA	09-Jul-20	16:12:16
3	200709M1_3	ST200709M1-1 PFC CS-2 20F1901	09-Jul-20	16:22:38
4	200709M1_4	ST200709M1-2 PFC CS-1 20F1902	09-Jul-20	16:33:00
5	200709M1_5	ST200709M1-3 PFC CS0 20F1903	09-Jul-20	16:43:43
6	200709M1_6	ST200709M1-4 PFC CS1 20F1904	09-Jul-20	16:54:09
7	200709M1_7	ST200709M1-5 PFC CS2 20F1905	09-Jul-20	17:04:31
8	200709M1_8	ST200709M1-6 PFC CS3 20F1906	09-Jul-20	17:15:15
9	200709M1_9	ST200709M1-7 PFC CS4 20F1907	09-Jul-20	17:25:40
10	200709M1_10	ST200709M1-8 PFC CS5 20F1908	09-Jul-20	17:36:06
11	200709M1_11	ST200709M1-9 PFC CS6 20F1909	09-Jul-20	17:46:28
12	200709M1_12	ST200709M1-10 PFC CS7 20F1910	09-Jul-20	17:56:50
13	200709M1_13	IB	09-Jul-20	18:07:12
14	200709M1_14	ICV200709M1-1 PFC ICV 20F1911	09-Jul-20	18:17:34
15	200709M1_15	IB	09-Jul-20	18:27:57

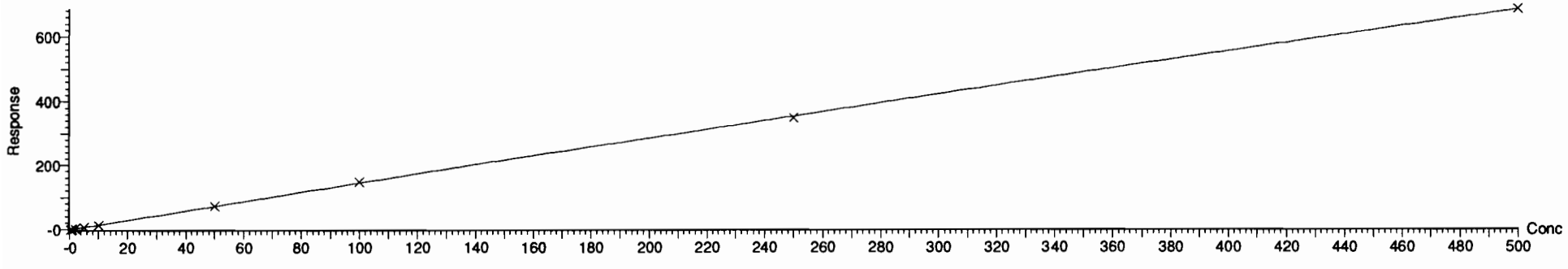
Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

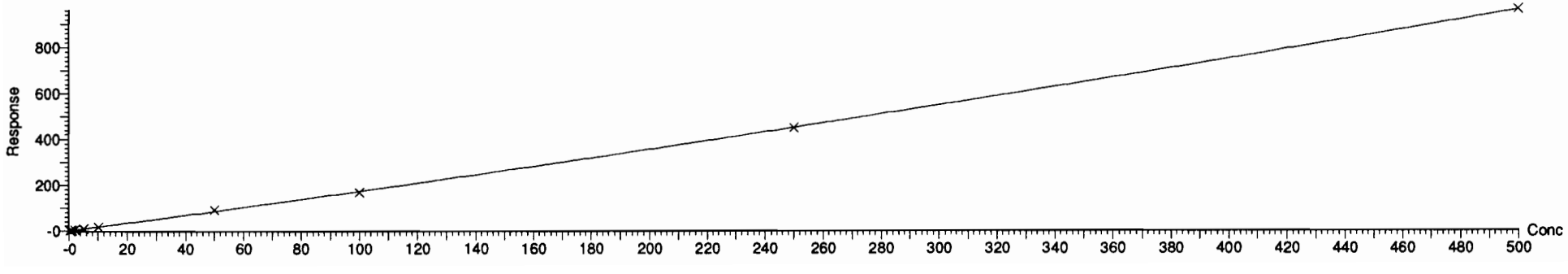
Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:35:47 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070920.mdb 10 Jul 2020 10:12:24
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-09-20.cdb 10 Jul 2020 10:31:20

Compound name: PFBA
Coefficient of Determination: R^2 = 0.999820
Calibration curve: -0.000198404 * x^2 + 1.46614 * x + -0.0800975
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



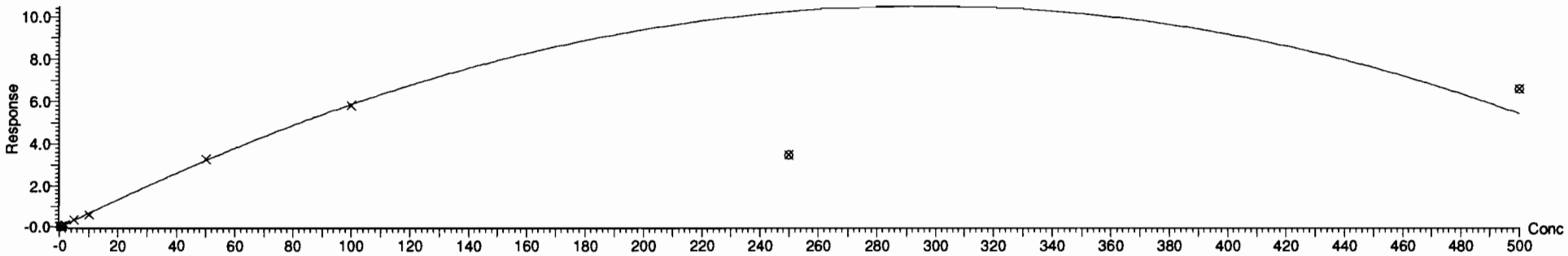
Compound name: PFPrS
Coefficient of Determination: R^2 = 0.999722
Calibration curve: 0.000498941 * x^2 + 1.6744 * x + -0.0182421
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



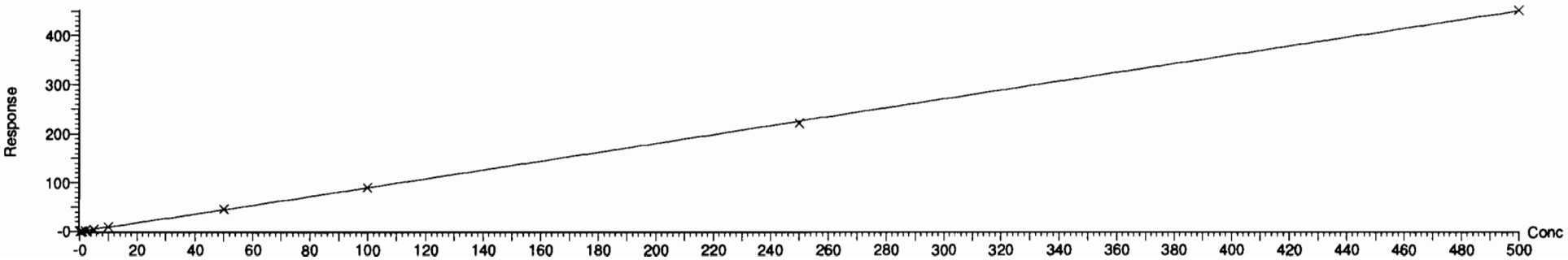
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:35:47 Pacific Daylight Time

Compound name: 3:3 FTCA
Coefficient of Determination: R^2 = 0.998813
Calibration curve: -0.000120626 * x^2 + 0.0712896 * x + -0.0388086
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



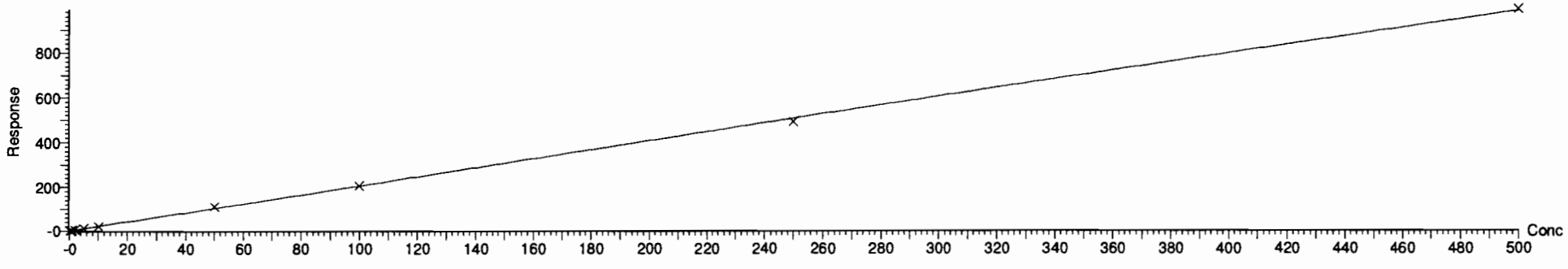
Compound name: PFPeA
Coefficient of Determination: R^2 = 0.999709
Calibration curve: -4.3491e-006 * x^2 + 0.903226 * x + 0.0497715
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



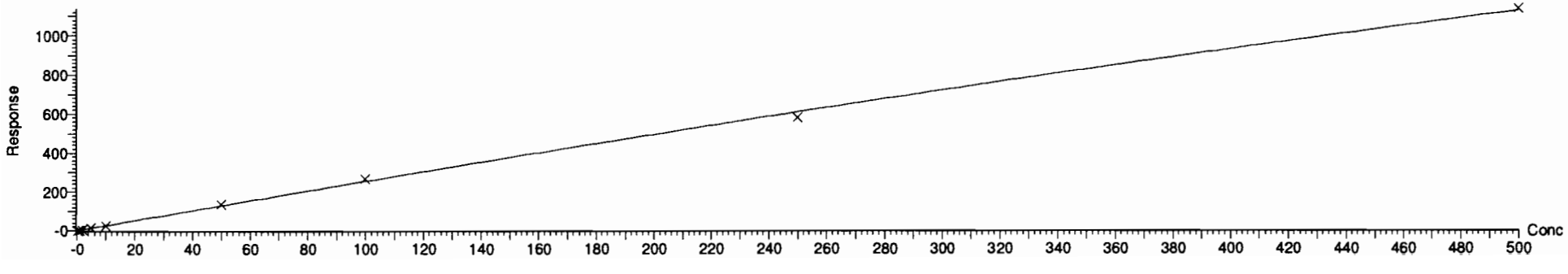
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:35:47 Pacific Daylight Time

Compound name: PFBS
Coefficient of Determination: R^2 = 0.999148
Calibration curve: -0.000213343 * x^2 + 2.07972 * x + -0.0463561
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



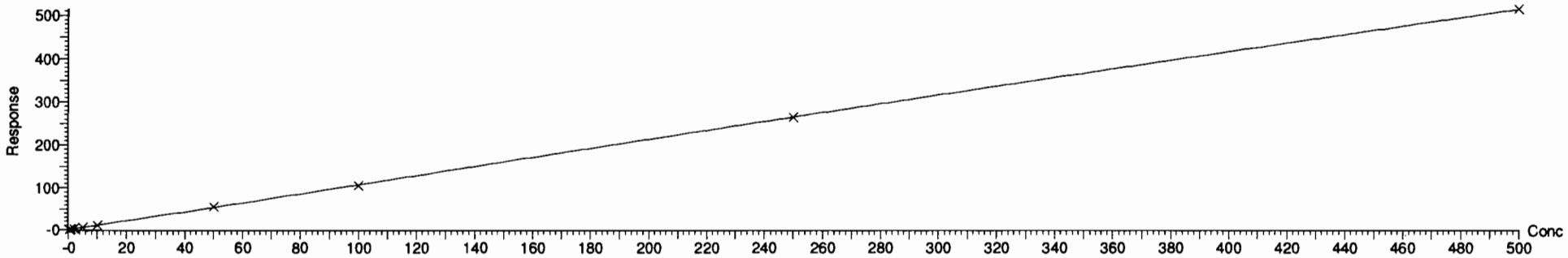
Compound name: 4:2 FTS
Coefficient of Determination: R^2 = 0.998686
Calibration curve: -0.000718254 * x^2 + 2.61162 * x + -0.0047773
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



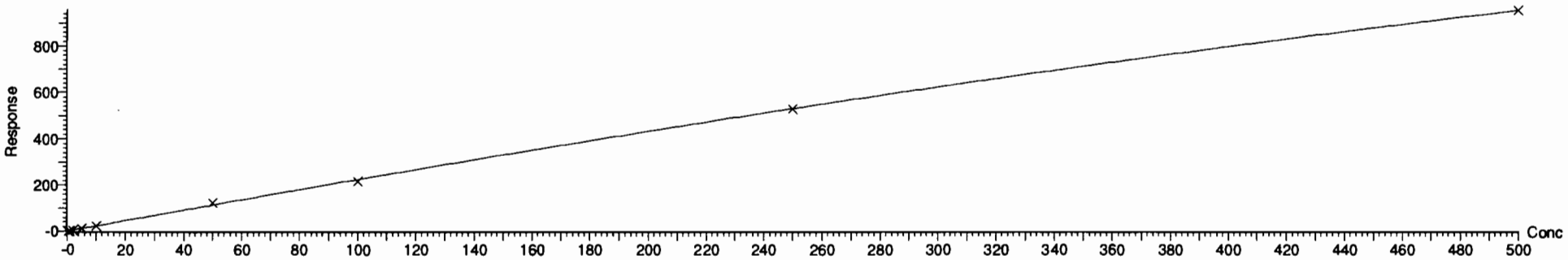
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:35:47 Pacific Daylight Time

Compound name: PFHxA
Coefficient of Determination: R^2 = 0.999864
Calibration curve: -0.0001241 * x^2 + 1.09174 * x + 0.0636651
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



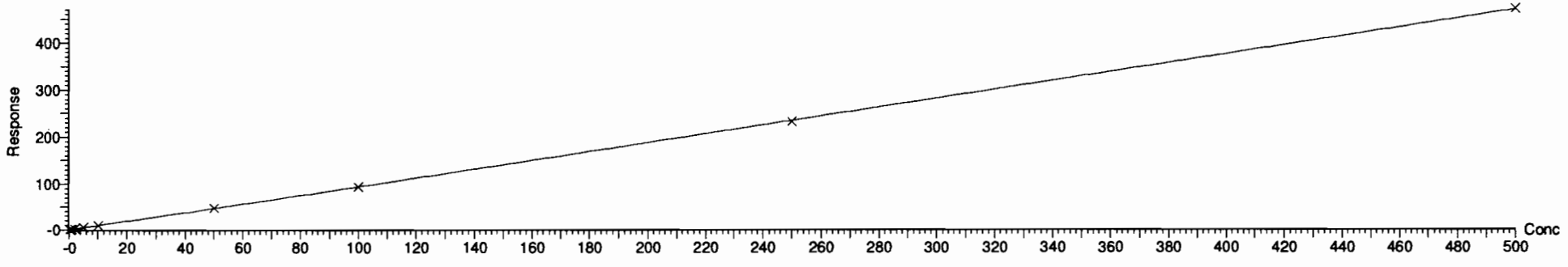
Compound name: PFPeS
Coefficient of Determination: R^2 = 0.999294
Calibration curve: -0.000854703 * x^2 + 2.33837 * x + -0.000277557
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



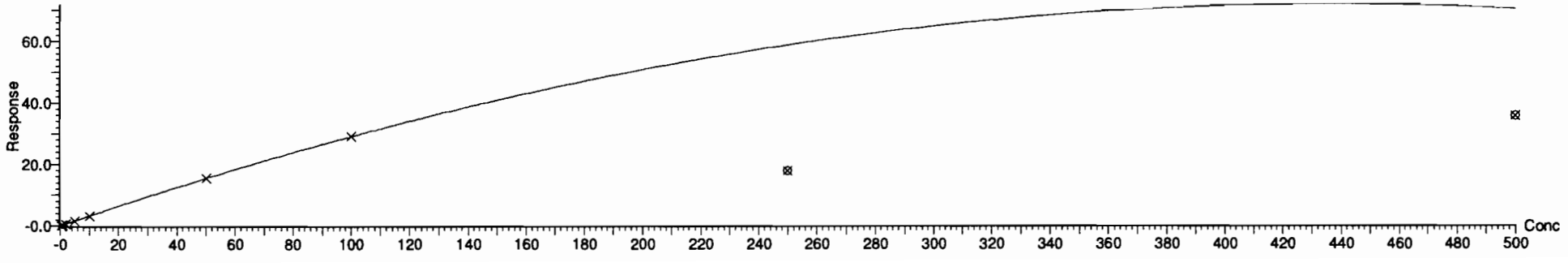
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:35:47 Pacific Daylight Time

Compound name: HFPO-DA
Coefficient of Determination: R^2 = 0.999750
Calibration curve: 9.6427e-006 * x^2 + 0.935683 * x + 0.00233289
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



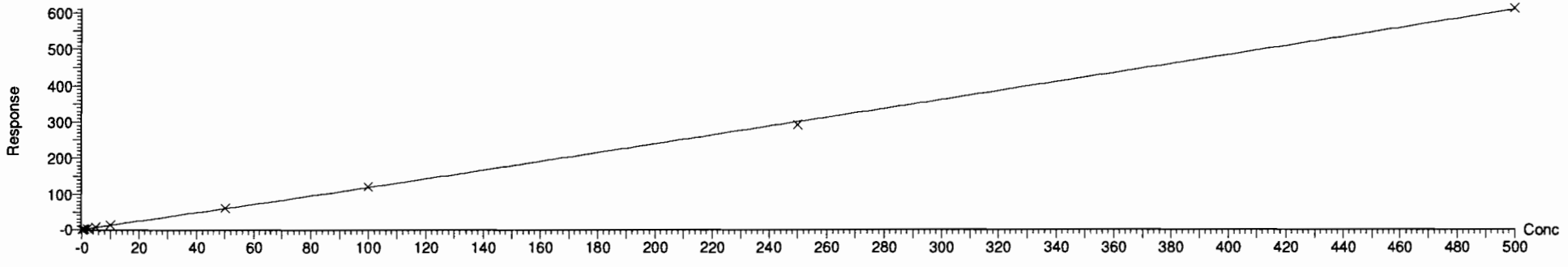
Compound name: 5:3 FTCA
Coefficient of Determination: R^2 = 0.999943
Calibration curve: -0.000375011 * x^2 + 0.328104 * x + 0.000740438
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



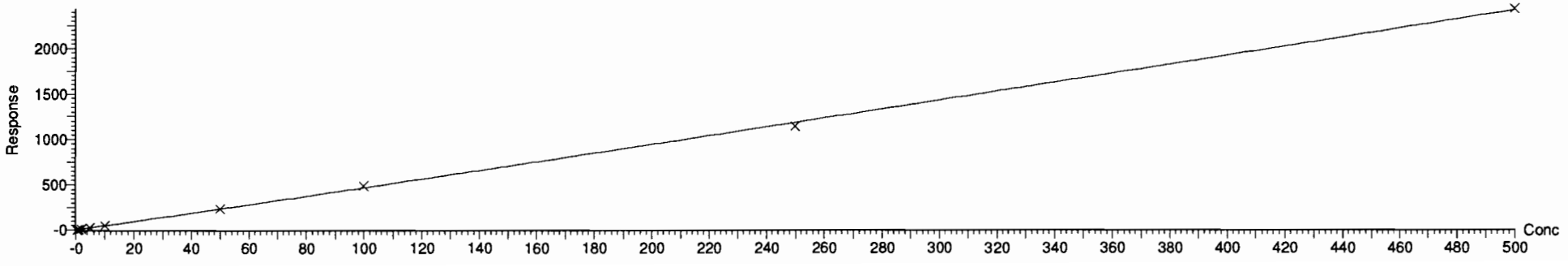
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:35:47 Pacific Daylight Time

Compound name: PFHpA
Coefficient of Determination: R^2 = 0.999664
Calibration curve: 6.95345e-005 * x^2 + 1.18165 * x + 0.0881763
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



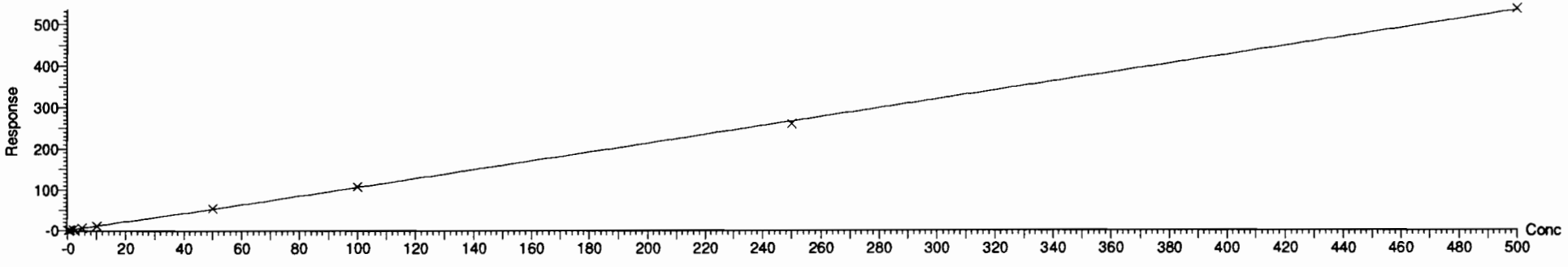
Compound name: ADONA
Coefficient of Determination: R^2 = 0.999372
Calibration curve: 0.000426906 * x^2 + 4.62742 * x + 0.24871
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



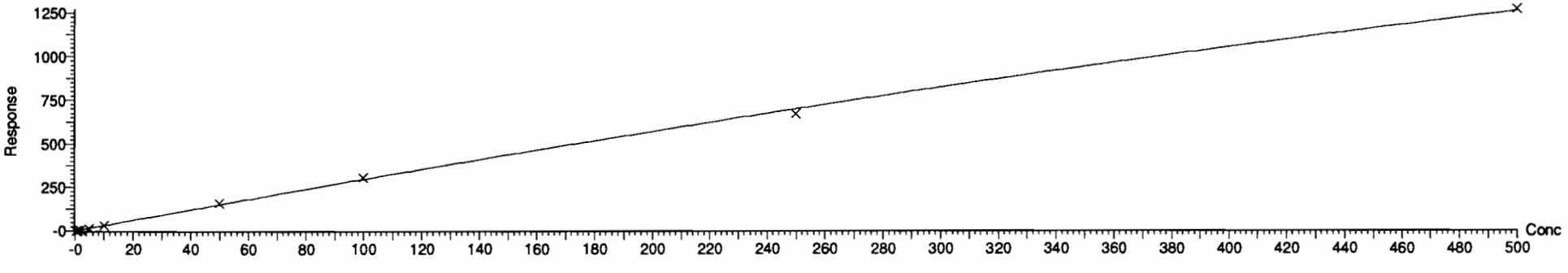
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:35:47 Pacific Daylight Time

Compound name: L-PFHxS
Coefficient of Determination: R^2 = 0.999607
Calibration curve: 1.01119e-005 * x^2 + 1.06156 * x + -0.00734805
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



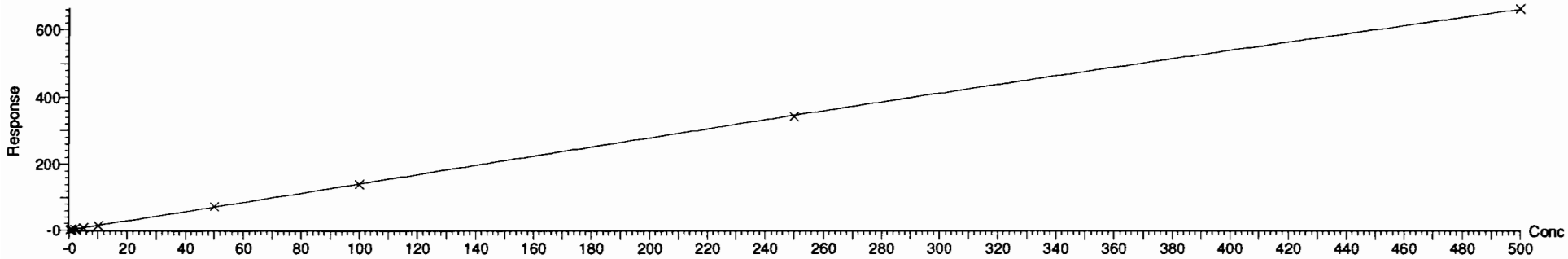
Compound name: 6:2 FTS
Coefficient of Determination: R^2 = 0.999036
Calibration curve: -0.00110537 * x^2 + 3.0677 * x + 0.00785961
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



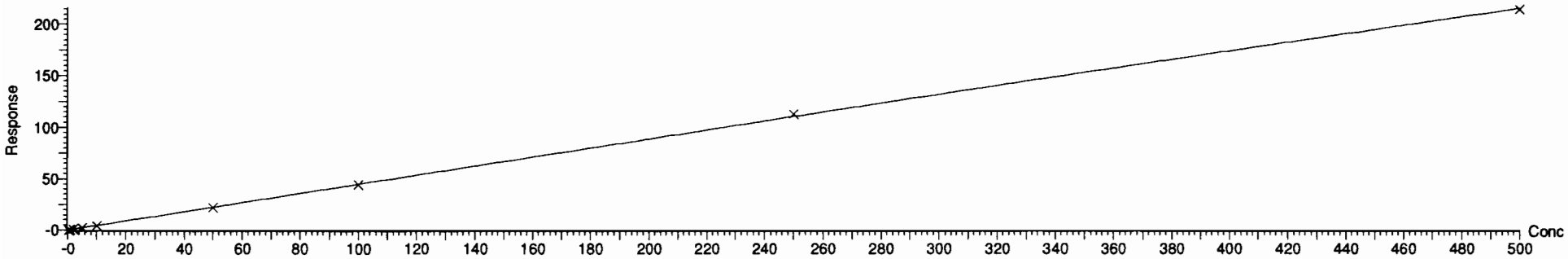
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:35:47 Pacific Daylight Time

Compound name: L-PFOA
Coefficient of Determination: R^2 = 0.999873
Calibration curve: -0.000246492 * x^2 + 1.45009 * x + 0.0677552
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



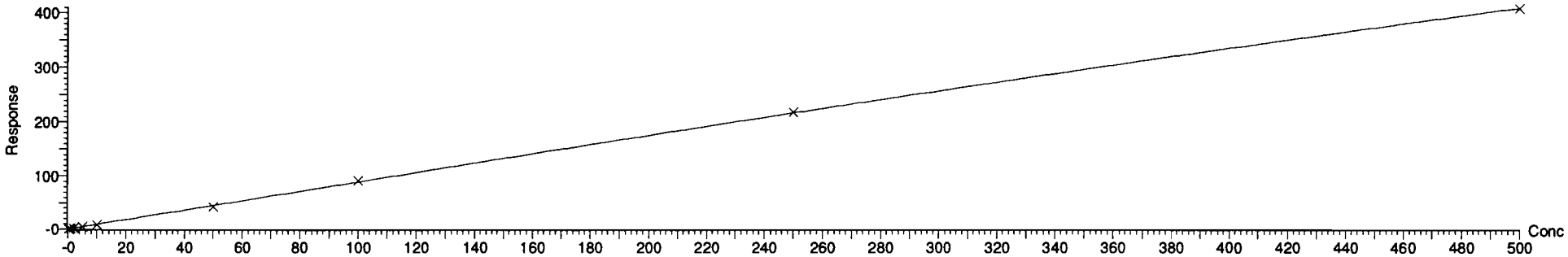
Compound name: PFecHS
Coefficient of Determination: R^2 = 0.999818
Calibration curve: -4.36367e-005 * x^2 + 0.4535 * x + -0.0103264
Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



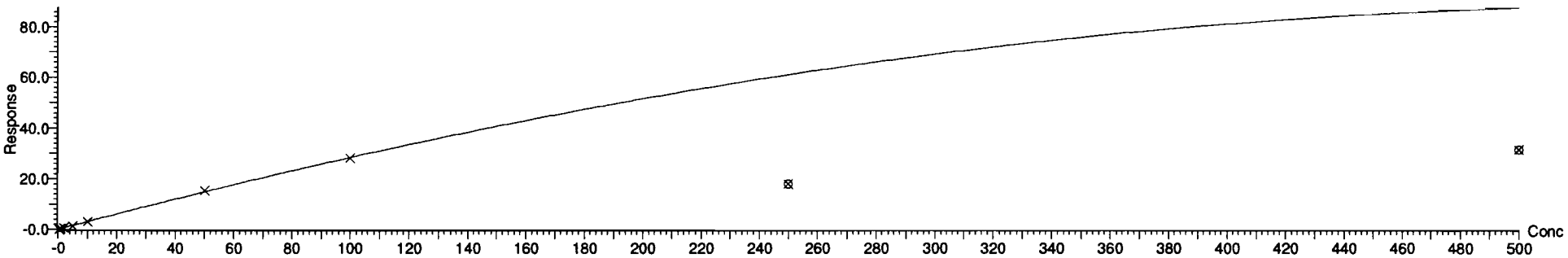
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:35:47 Pacific Daylight Time

Compound name: PFHpS
Coefficient of Determination: R^2 = 0.999581
Calibration curve: -0.000198329 * x^2 + 0.919437 * x + -0.0546783
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



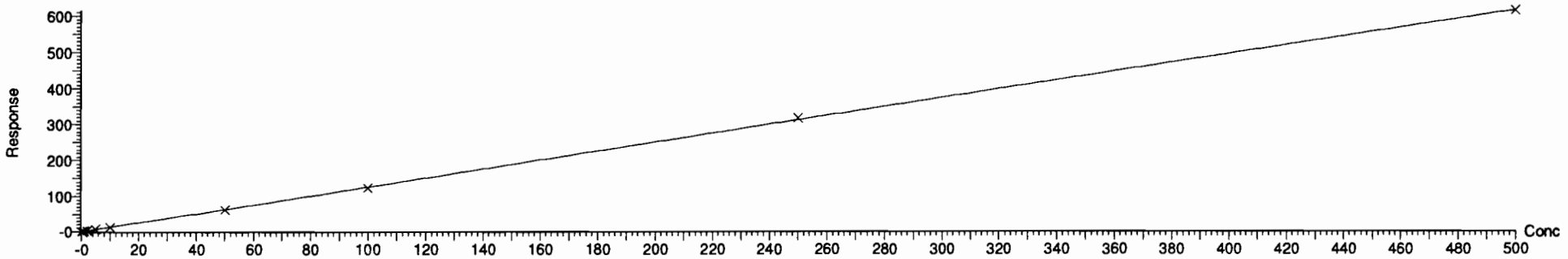
Compound name: 7:3 FTCA
Coefficient of Determination: R^2 = 0.998481
Calibration curve: -0.000278273 * x^2 + 0.314429 * x + -0.0315853
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



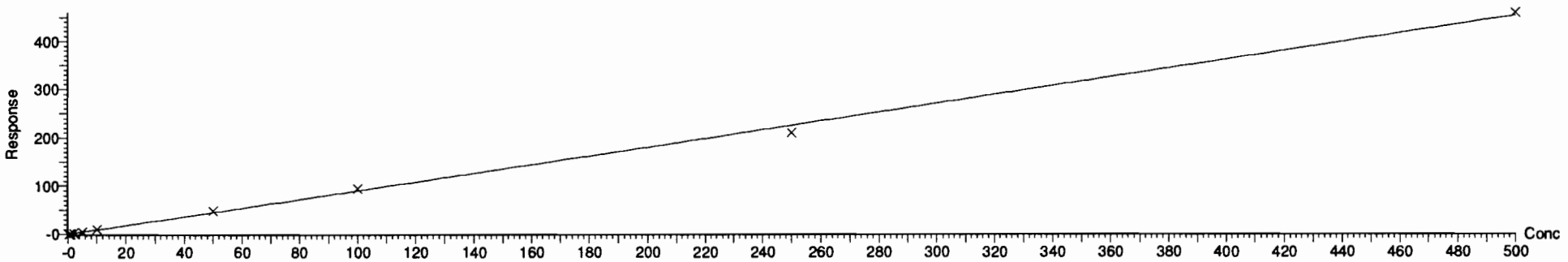
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:35:47 Pacific Daylight Time

Compound name: PFNA
Coefficient of Determination: R^2 = 0.999726
Calibration curve: -7.36061e-005 * x^2 + 1.26827 * x + 0.0481579
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



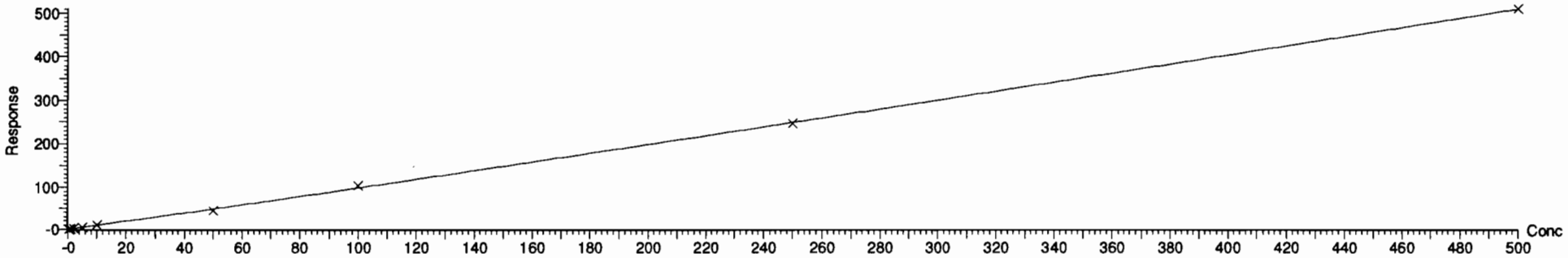
Compound name: PFOSA
Coefficient of Determination: R^2 = 0.998053
Calibration curve: 1.74263e-005 * x^2 + 0.896105 * x + 0.0324862
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



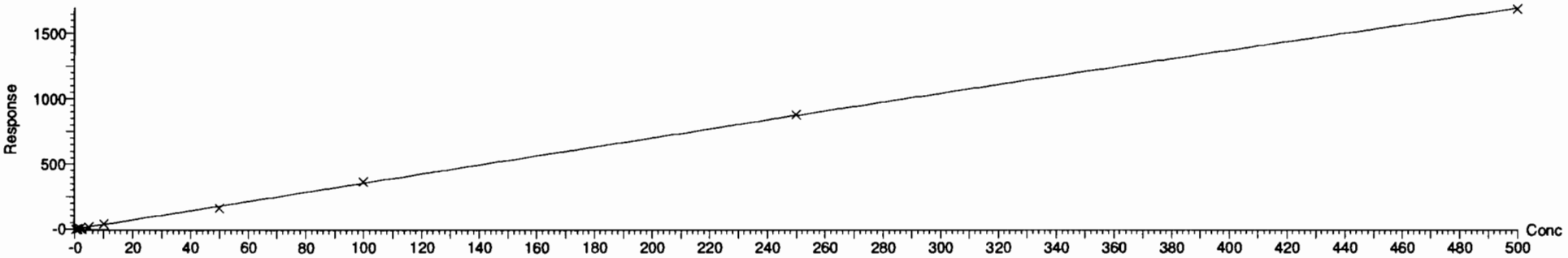
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:35:47 Pacific Daylight Time

Compound name: L-PFOS
Coefficient of Determination: R^2 = 0.999050
Calibration curve: 9.15394e-005 * x^2 + 0.974978 * x + -0.00569806
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



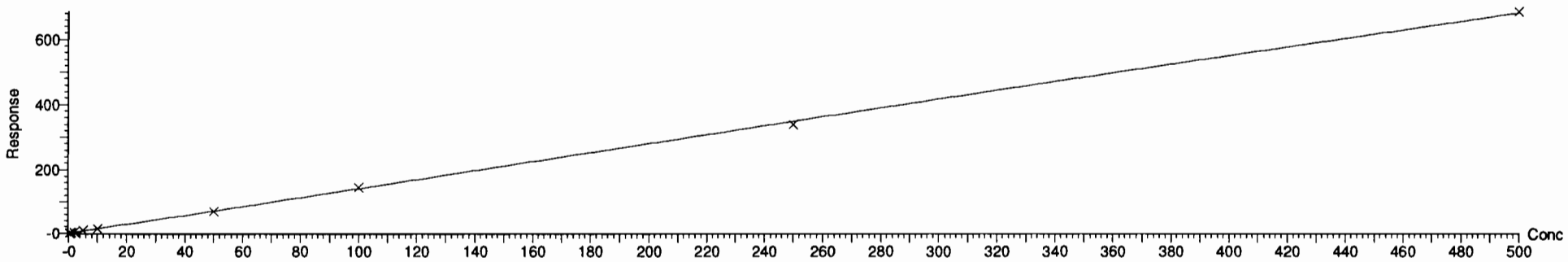
Compound name: 9Cl-PF30NS
Coefficient of Determination: R^2 = 0.999322
Calibration curve: -0.000407805 * x^2 + 3.59575 * x + -0.0175456
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



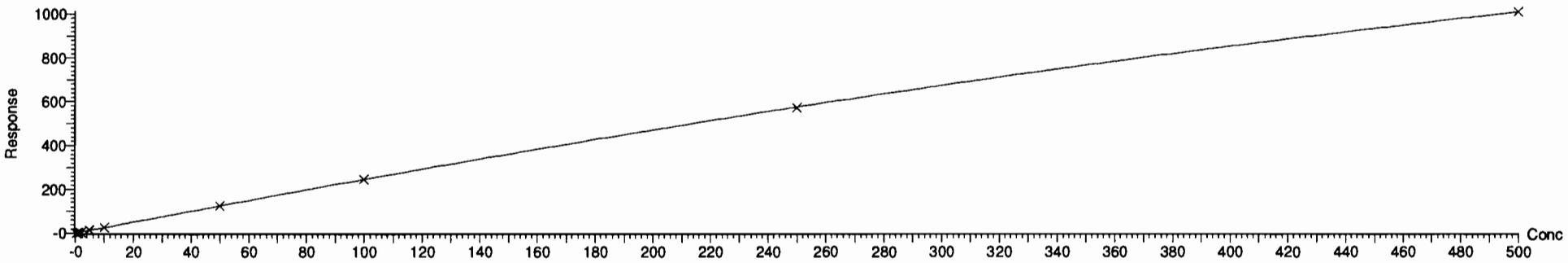
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:35:47 Pacific Daylight Time

Compound name: PFDA
Coefficient of Determination: R^2 = 0.999523
Calibration curve: -0.000131564 * x^2 + 1.43014 * x + 0.0671746
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



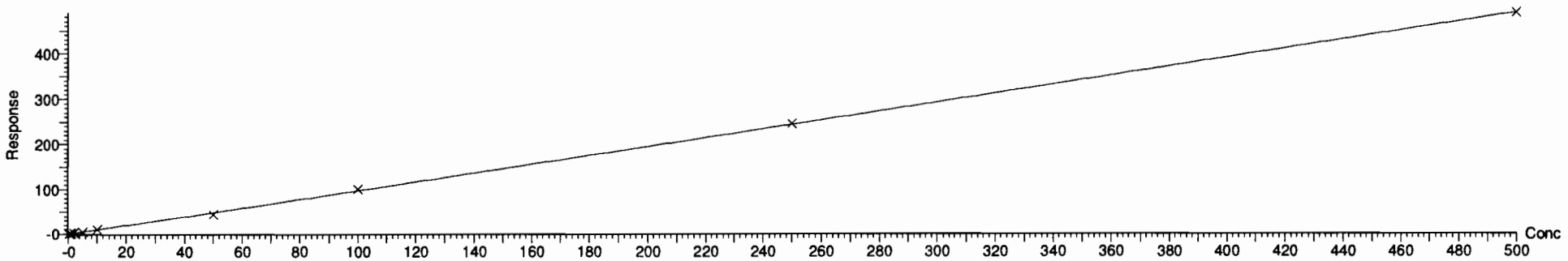
Compound name: 8:2 FTS
Coefficient of Determination: R^2 = 0.999827
Calibration curve: -0.00113831 * x^2 + 2.5895 * x + 0.0602266
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



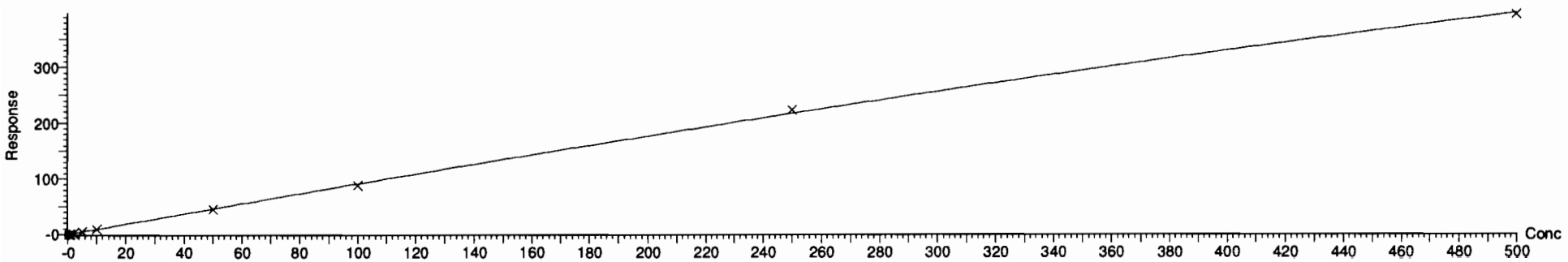
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:35:47 Pacific Daylight Time

Compound name: PFNS
Coefficient of Determination: R^2 = 0.999173
Calibration curve: 1.53938e-005 * x^2 + 0.97171 * x + 0.0109257
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: L-MeFOSAA
Coefficient of Determination: R^2 = 0.999540
Calibration curve: -0.000293251 * x^2 + 0.940807 * x + -0.109204
Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



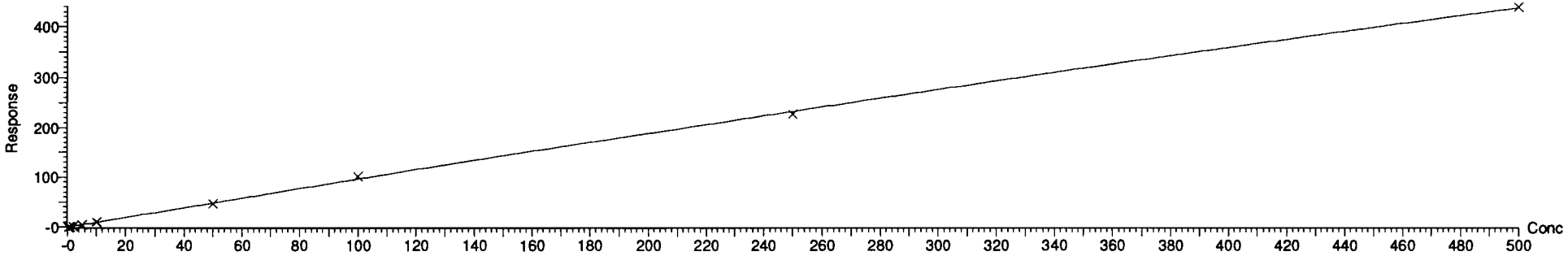
Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

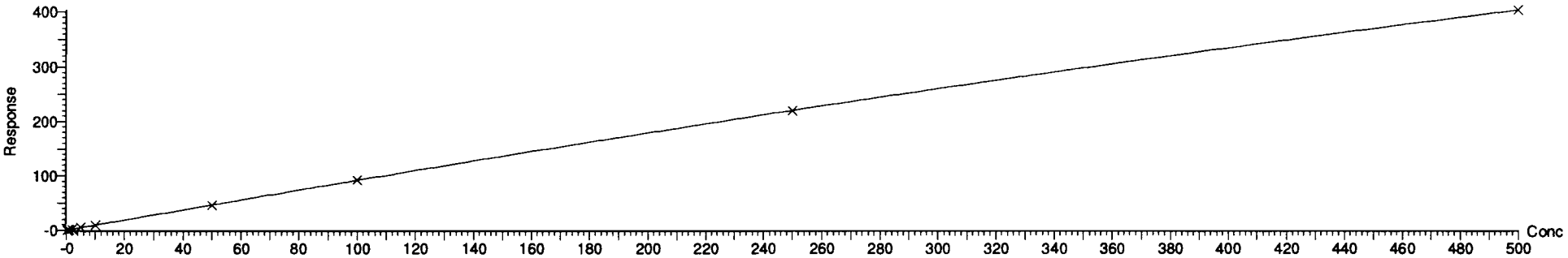
Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:36:11 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070920.mdb 10 Jul 2020 10:12:24
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-09-20.cdb 10 Jul 2020 10:31:20

Compound name: L-EtFOSAA
Coefficient of Determination: R^2 = 0.999416
Calibration curve: -0.000216394 * x^2 + 0.985004 * x + -0.0937632
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



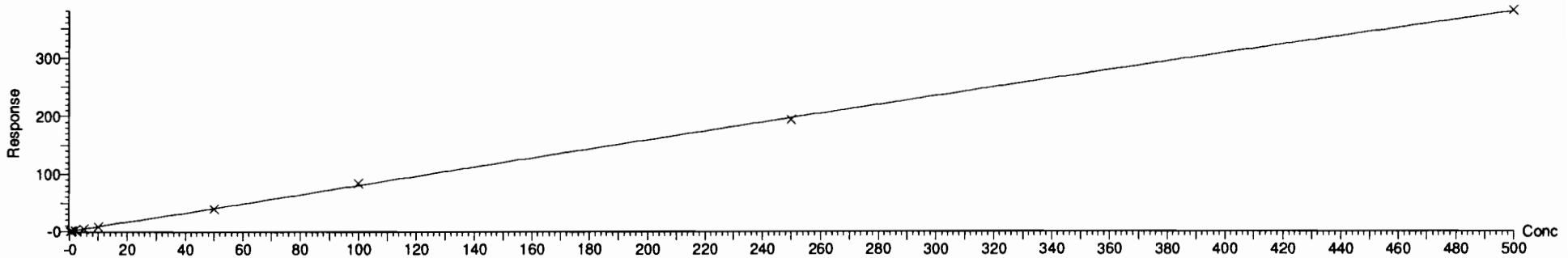
Compound name: PFUdA
Coefficient of Determination: R^2 = 0.999976
Calibration curve: -0.000296431 * x^2 + 0.955627 * x + 0.0266169
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



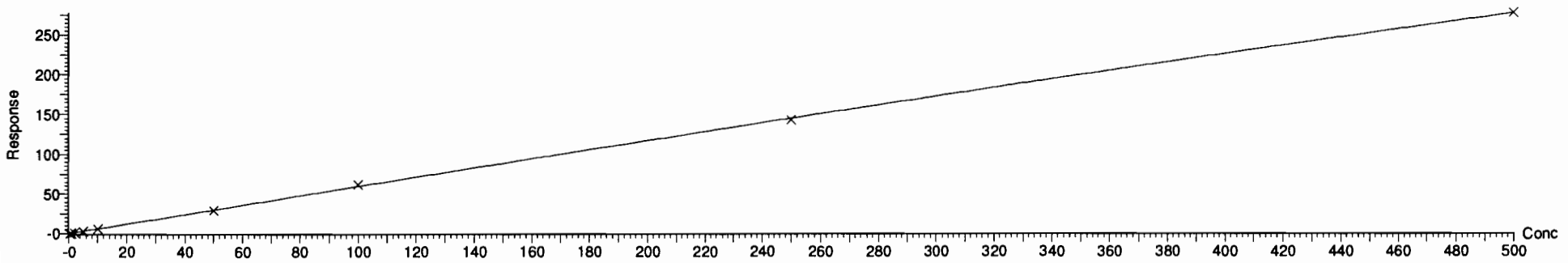
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:36:11 Pacific Daylight Time

Compound name: PFDS
Coefficient of Determination: R^2 = 0.999520
Calibration curve: -0.000118873 * x^2 + 0.817338 * x + -0.0460944
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



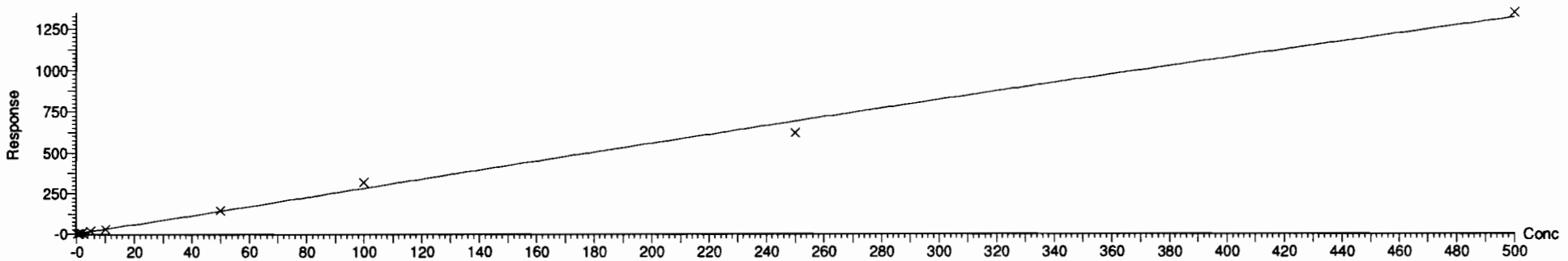
Compound name: 11Cl-PF30UdS
Coefficient of Determination: R^2 = 0.999693
Calibration curve: -0.000101349 * x^2 + 0.603972 * x + -0.00601011
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



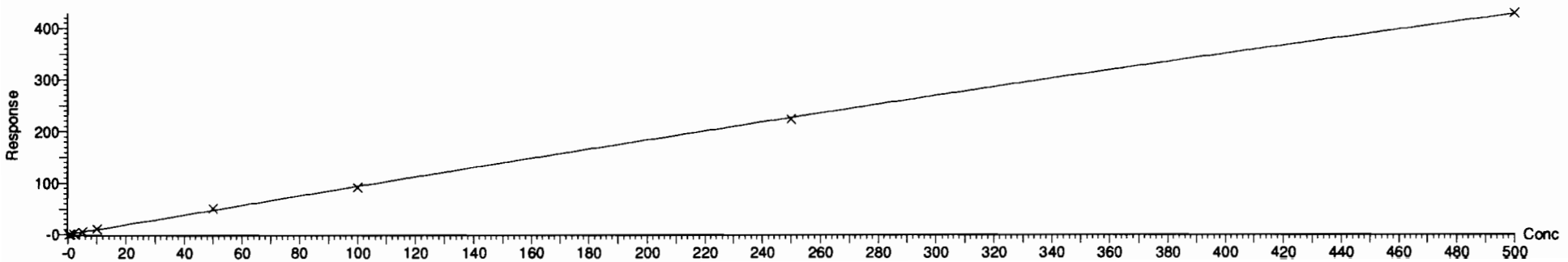
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:36:11 Pacific Daylight Time

Compound name: 10:2 FTS
Coefficient of Determination: R^2 = 0.994493
Calibration curve: -0.000502267 * x^2 + 2.89145 * x + 0.126797
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



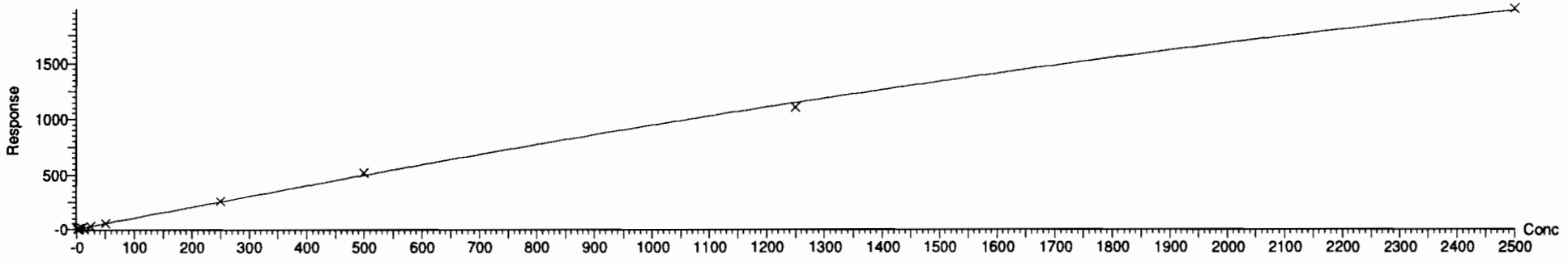
Compound name: PFDoA
Coefficient of Determination: R^2 = 0.999558
Calibration curve: -0.000207098 * x^2 + 0.956888 * x + 0.203136
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



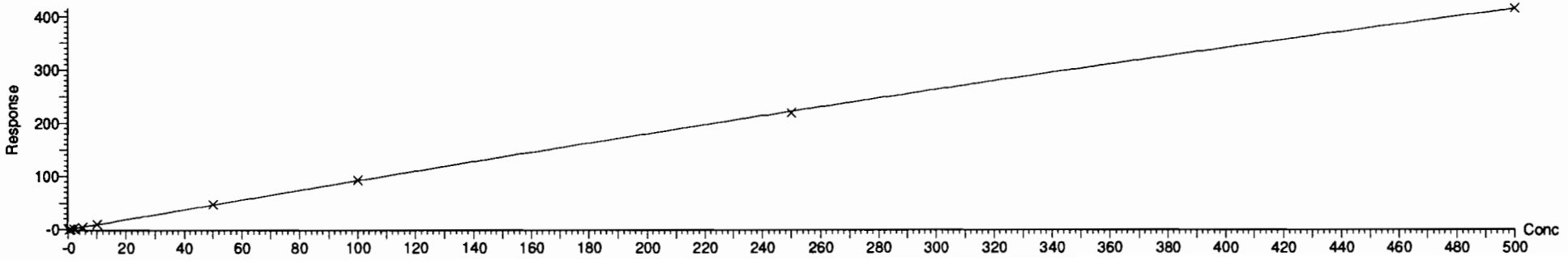
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:36:11 Pacific Daylight Time

Compound name: N-MeFOSA
Coefficient of Determination: R^2 = 0.999230
Calibration curve: -0.000104215 * x^2 + 1.04899 * x + 0.0163637
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



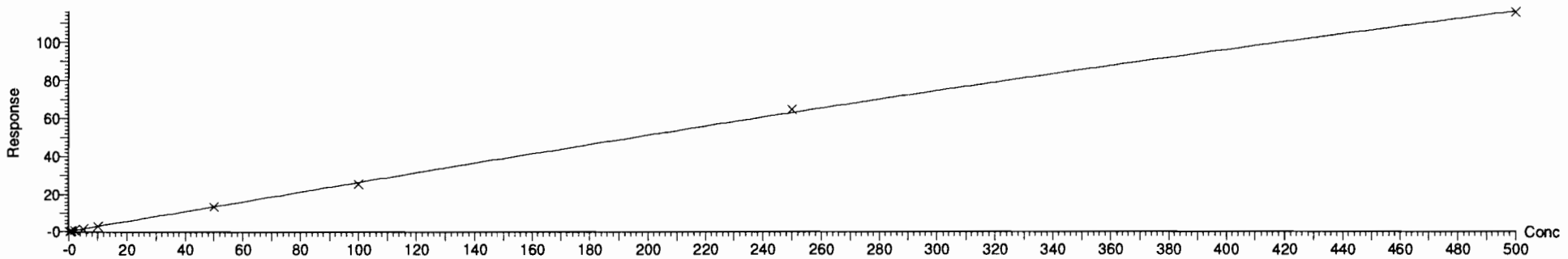
Compound name: PFTrDA
Coefficient of Determination: R^2 = 0.999908
Calibration curve: -0.000235963 * x^2 + 0.945318 * x + 0.0284848
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



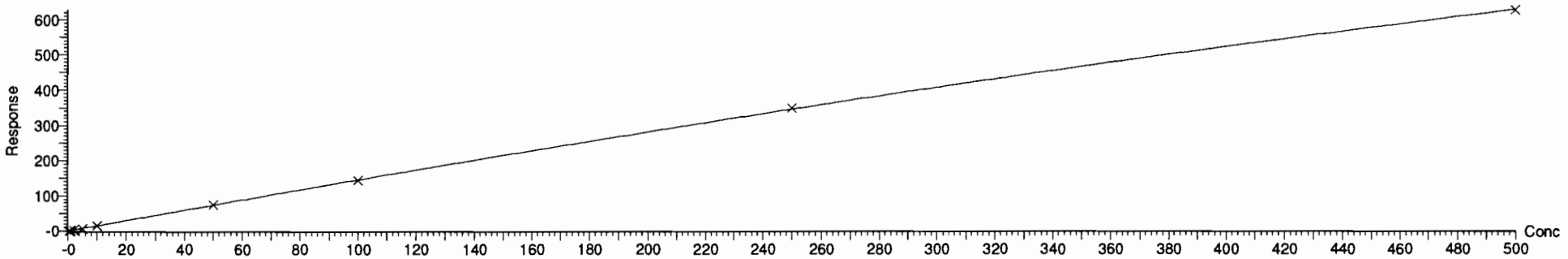
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:36:11 Pacific Daylight Time

Compound name: PFDoS
Coefficient of Determination: R^2 = 0.999661
Calibration curve: -7.80767e-005 * x^2 + 0.271555 * x + -0.00807725
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



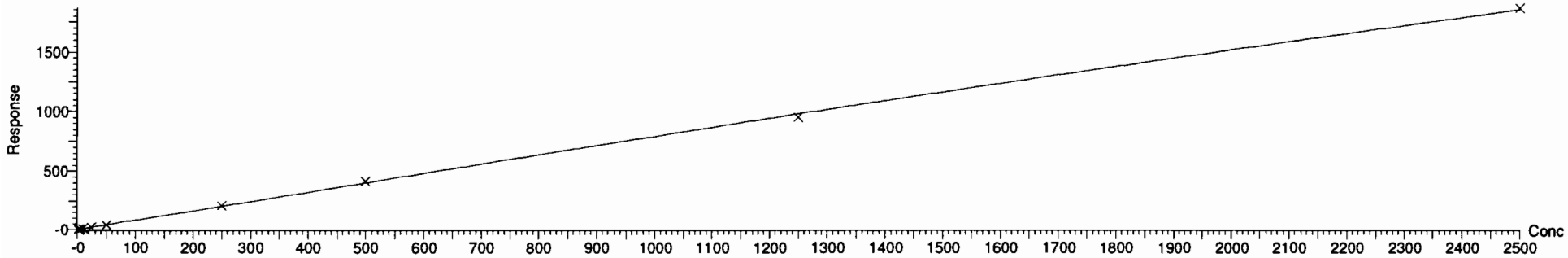
Compound name: PFTeDA
Coefficient of Determination: R^2 = 0.999934
Calibration curve: -0.000501538 * x^2 + 1.50712 * x + -0.0547102
Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



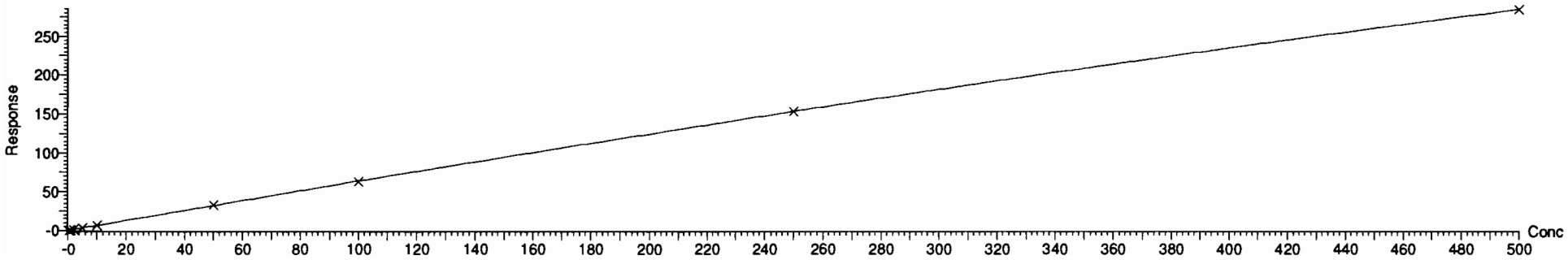
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:36:11 Pacific Daylight Time

Compound name: N-EtFOSA
Coefficient of Determination: R^2 = 0.999507
Calibration curve: -3.44848e-005 * x^2 + 0.829593 * x + 0.172005
Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



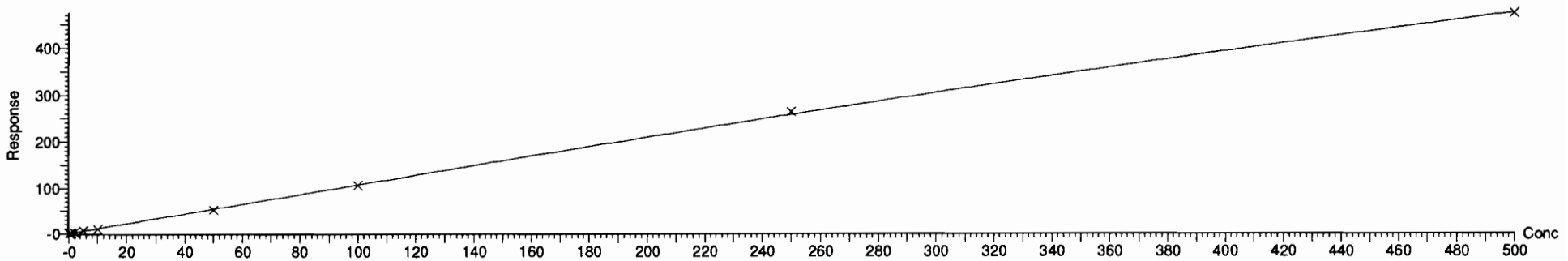
Compound name: PFHxDA
Coefficient of Determination: R^2 = 0.999974
Calibration curve: -0.0001774 * x^2 + 0.658724 * x + 0.0743738
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



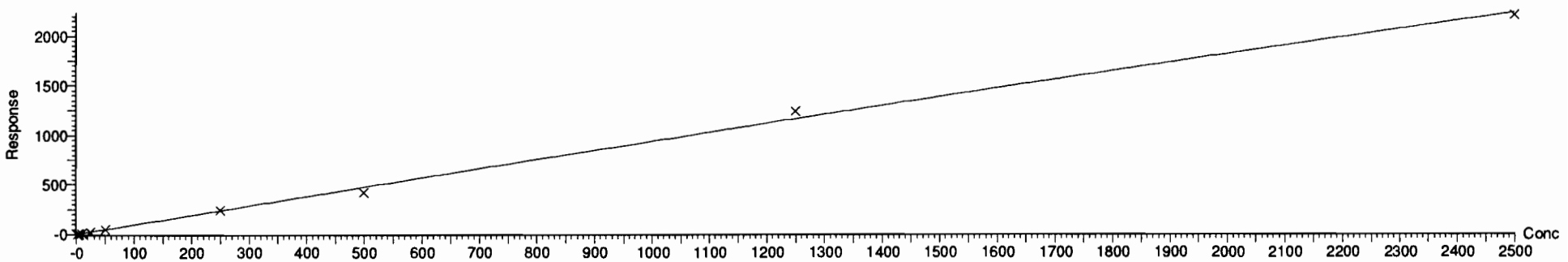
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:36:11 Pacific Daylight Time

Compound name: PFODA
Coefficient of Determination: R^2 = 0.999677
Calibration curve: -0.000311065 * x^2 + 1.10726 * x + -0.000376099
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: N-MeFOSE
Coefficient of Determination: R^2 = 0.997086
Calibration curve: -2.98156e-005 * x^2 + 0.967267 * x + 0.113102
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

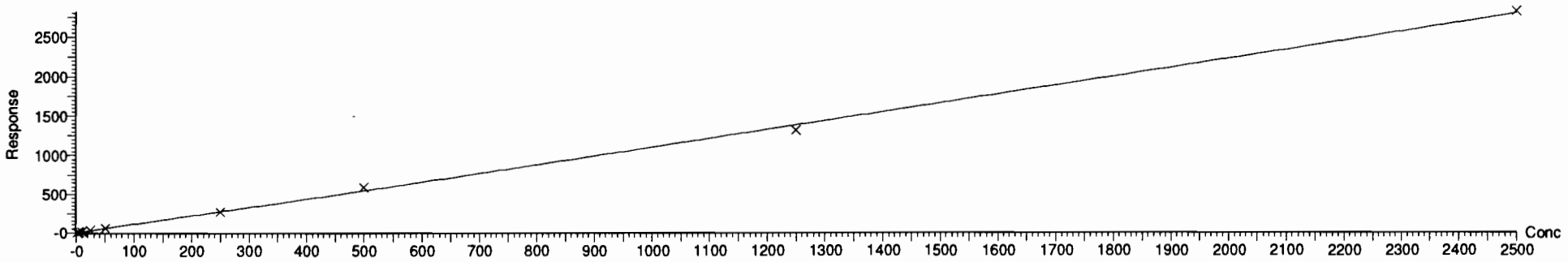


Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:31:20 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:36:11 Pacific Daylight Time

Compound name: N-EtFOSE
Coefficient of Determination: R^2 = 0.998431
Calibration curve: 1.17275e-005 * x^2 + 1.08822 * x + 0.340154
Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Vista Analytical Laboratory

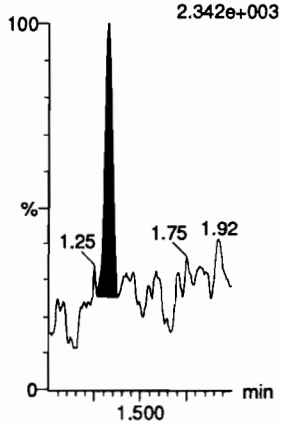
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:12:26 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:12:46 Pacific Daylight Time

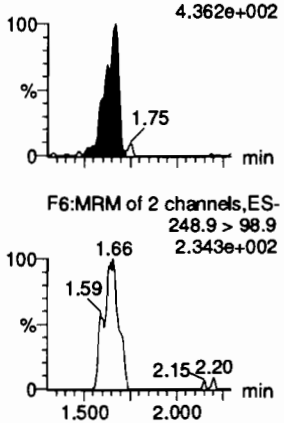
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070920.mdb 10 Jul 2020 10:12:24
Calibration: 10 Jul 2020 10:11:36

Name: 200709M1_3, Date: 09-Jul-2020, Time: 16:22:38, ID: ST200709M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

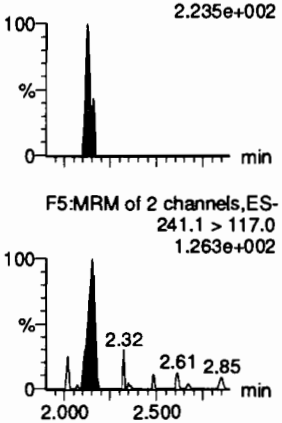
PFBA



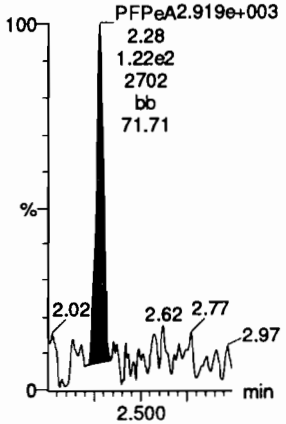
PFPrS



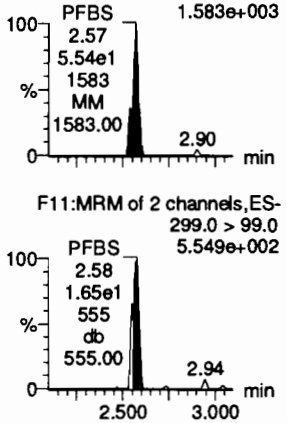
3:3 FTCA



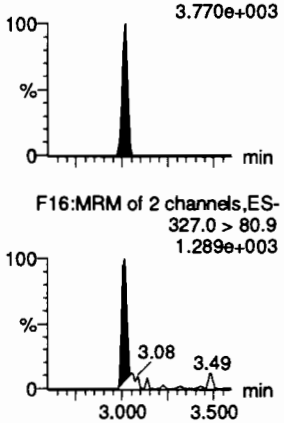
PFPeA



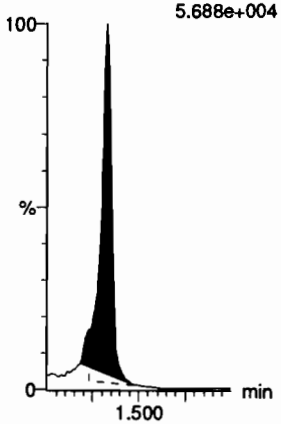
PFBS



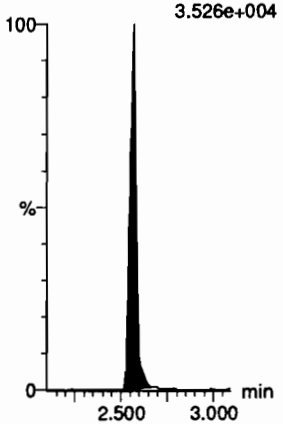
4:2 FTS



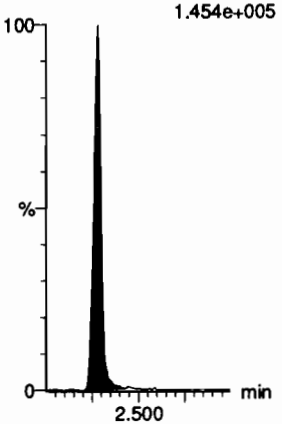
13C3-PFBA-EIS



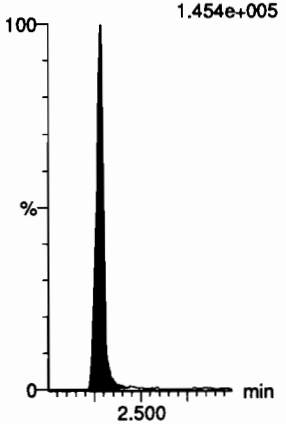
13C3-PFBS-EIS



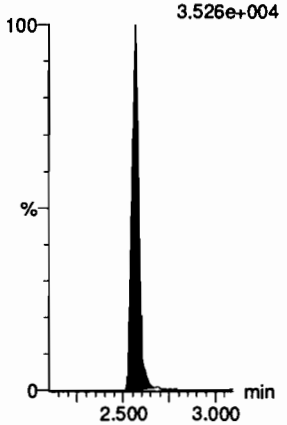
13C3-PFPeA-EIS



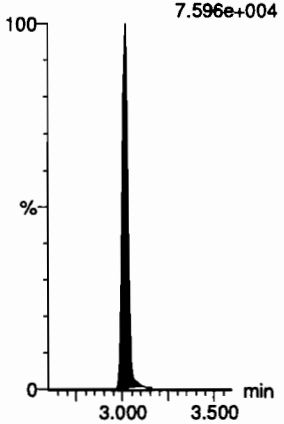
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

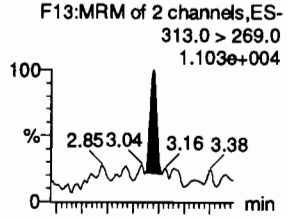


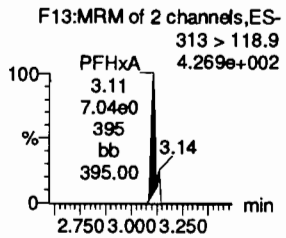
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

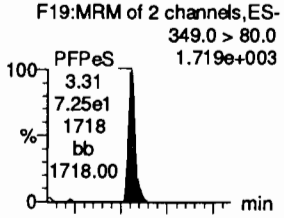
Name: 200709M1_3, Date: 09-Jul-2020, Time: 16:22:38, ID: ST200709M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

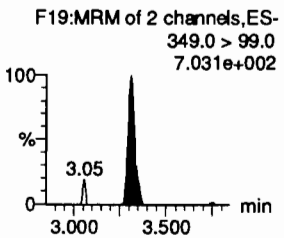
PFHxA



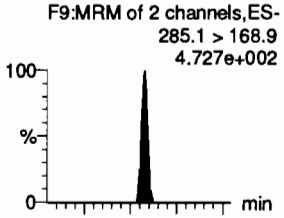


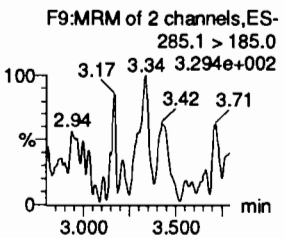
PFPeS



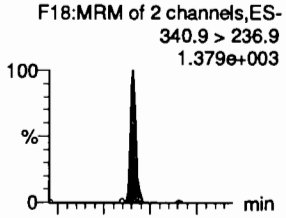


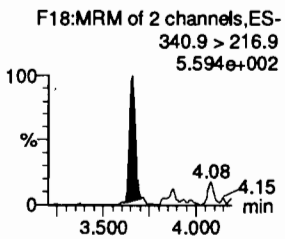
HFPO-DA



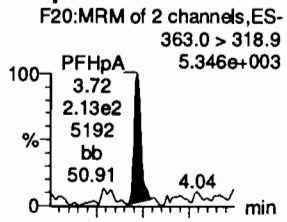


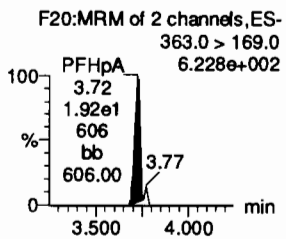
5:3 FTCA



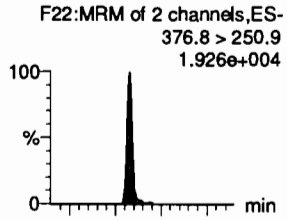


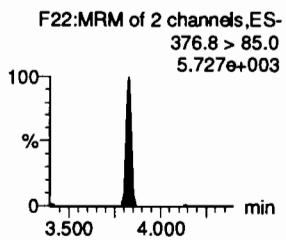
PFHpA



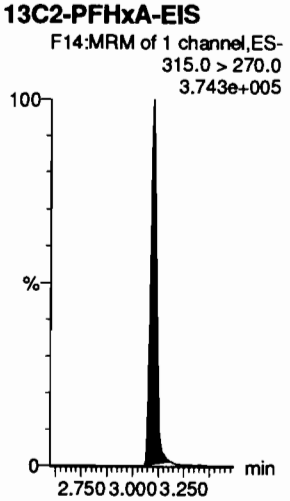


ADONA

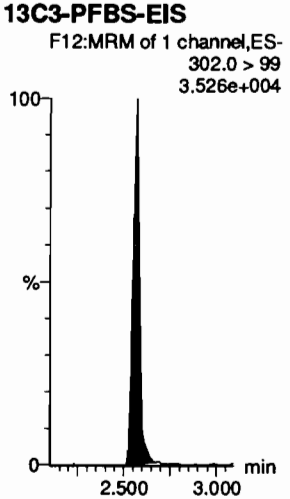




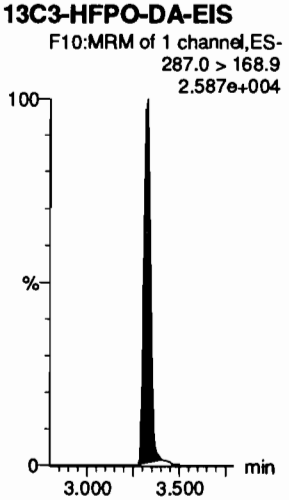
13C2-PFHxA-EIS



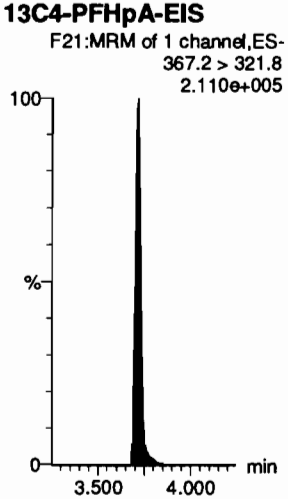
13C3-PFBS-EIS



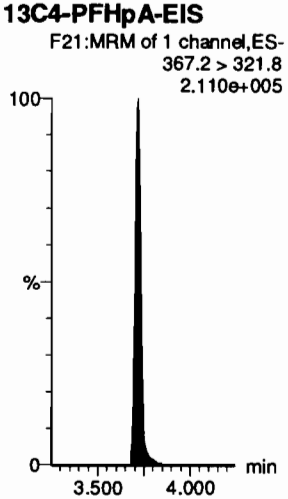
13C3-HFPO-DA-EIS



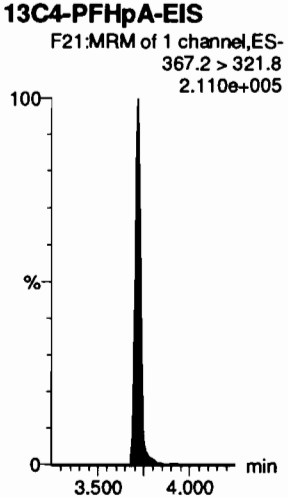
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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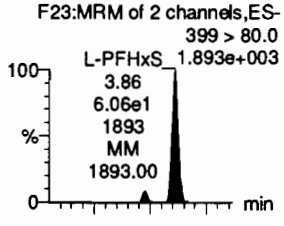
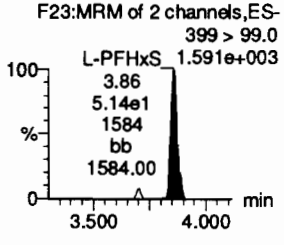
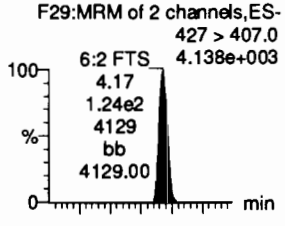
Name: 200709M1_3, Date: 09-Jul-2020, Time: 16:22:38, ID: ST200709M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

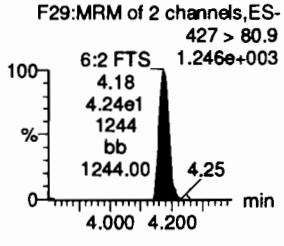
L-PFHxS



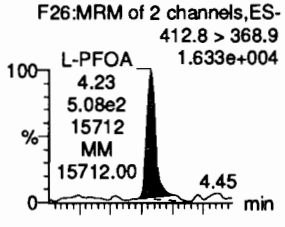


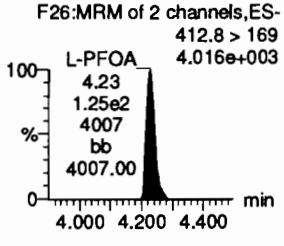
6:2 FTS



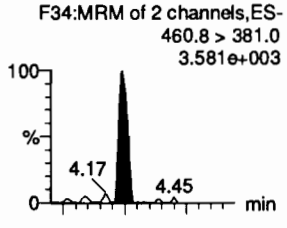


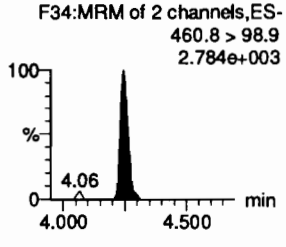
L-PFOA



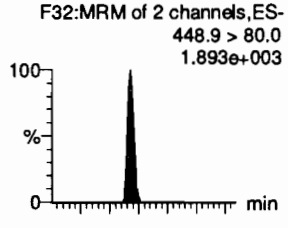


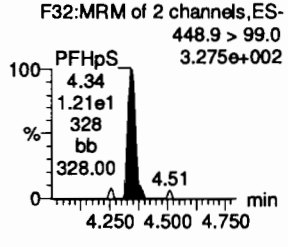
PFEChS



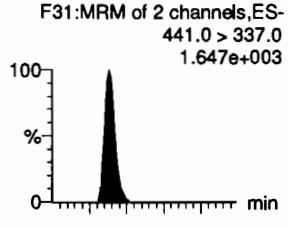


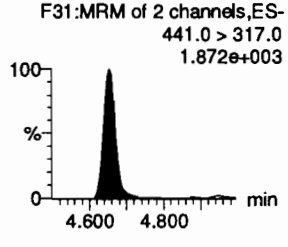
PFHpS



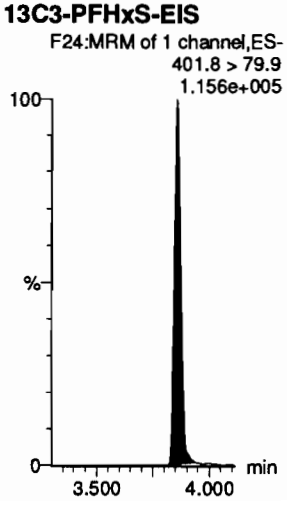


7:3 FTCA

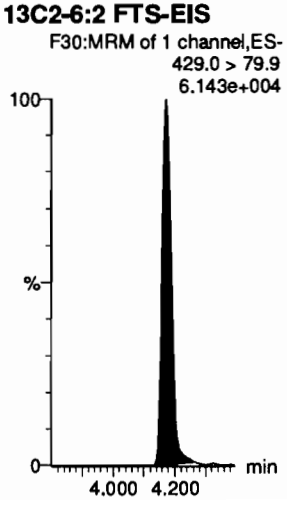




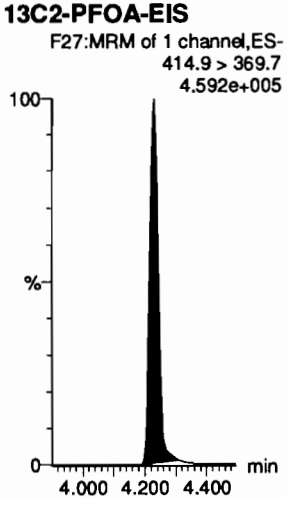
13C3-PFHxS-EIS



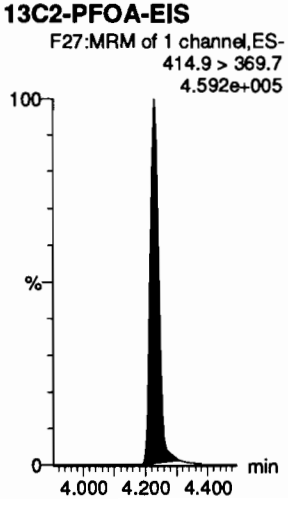
13C2-6:2 FTS-EIS



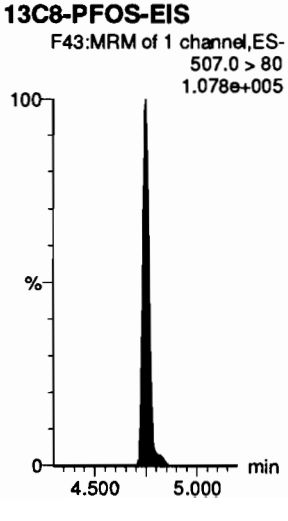
13C2-PFOA-EIS



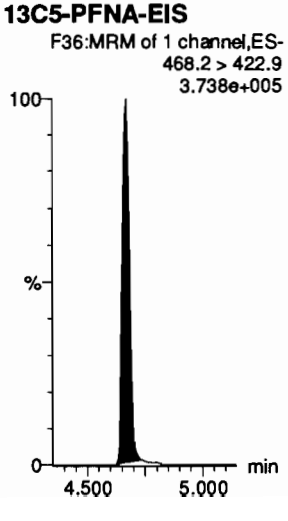
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

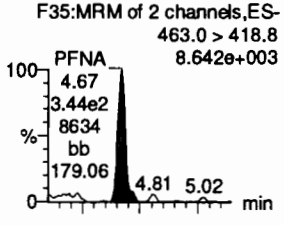


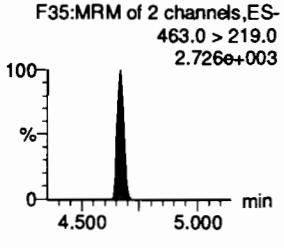
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

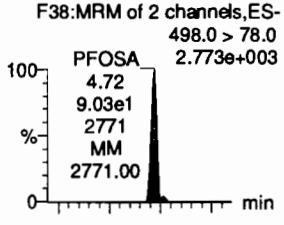
Name: 200709M1_3, Date: 09-Jul-2020, Time: 16:22:38, ID: ST200709M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

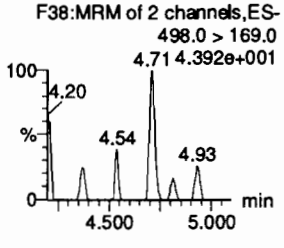
PFNA



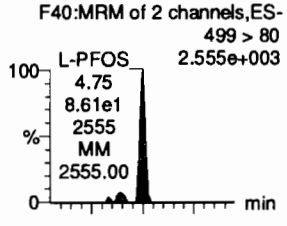


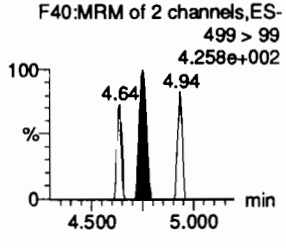
PFOSA



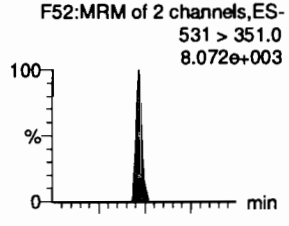


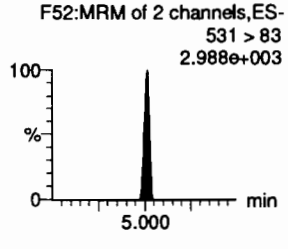
L-PFOS



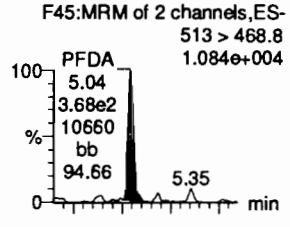


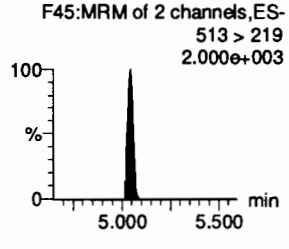
9Cl-PF30NS



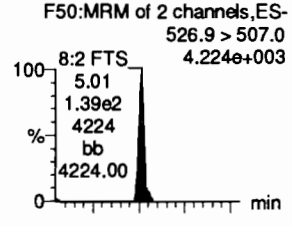


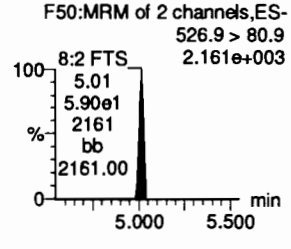
PFDA



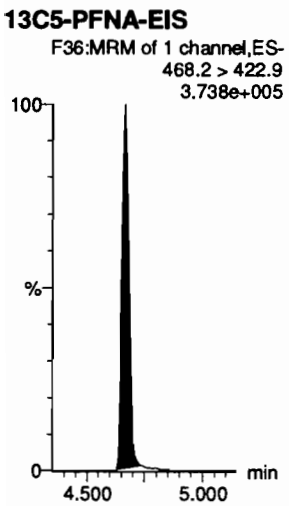


8:2 FTS

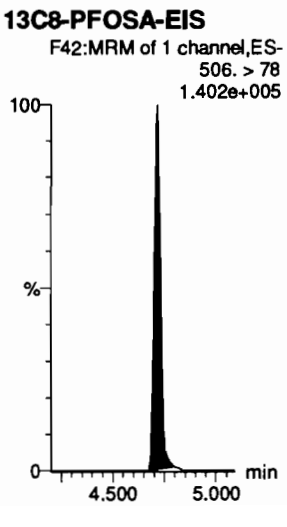




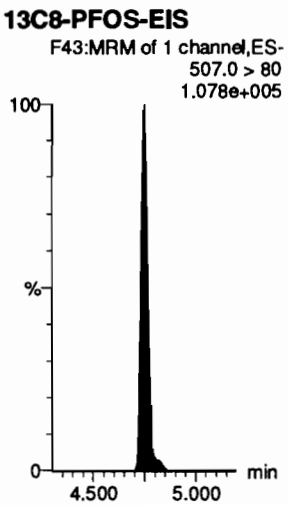
13C5-PFNA-EIS



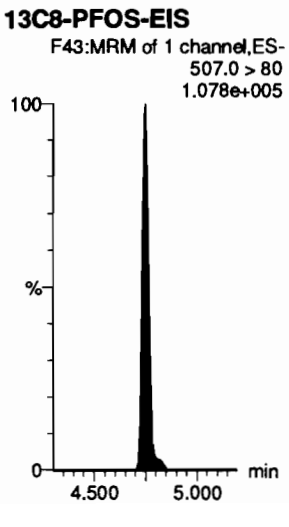
13C8-PFOSA-EIS



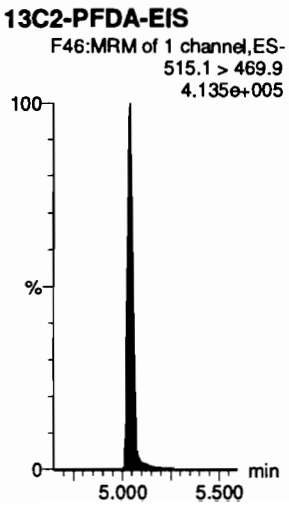
13C8-PFOS-EIS



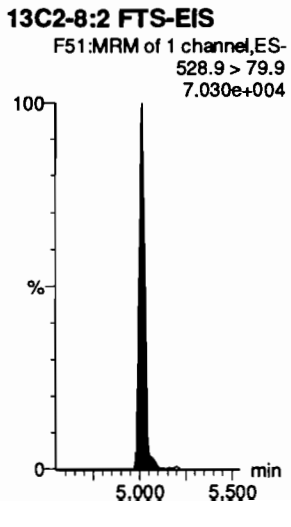
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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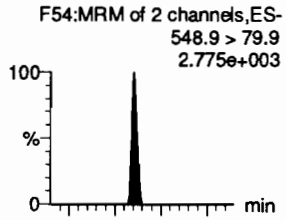
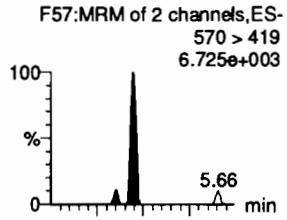
Name: 200709M1_3, Date: 09-Jul-2020, Time: 16:22:38, ID: ST200709M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

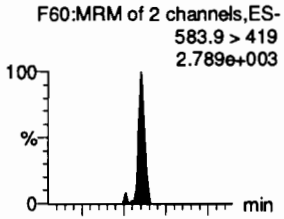
PFNS



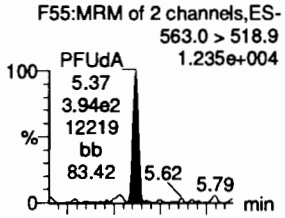
L-MeFOSAA



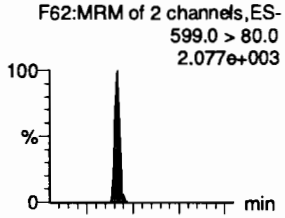
L-EtFOSAA



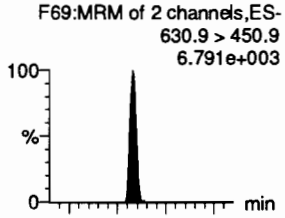
PFUdA

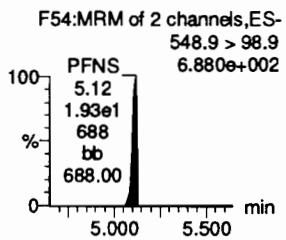


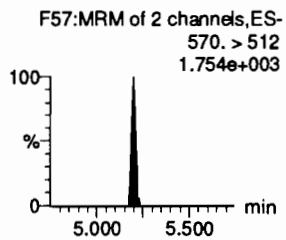
PFDS

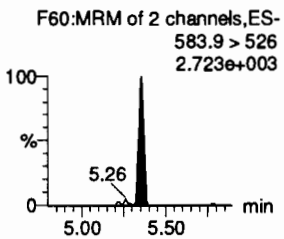


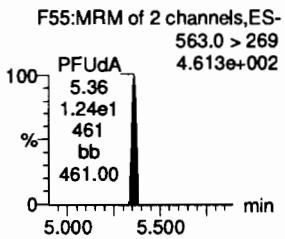
11Cl-PF30UdS

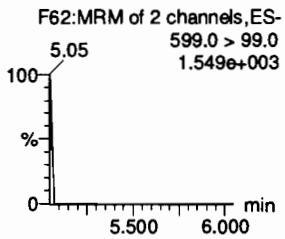


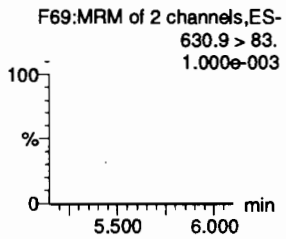




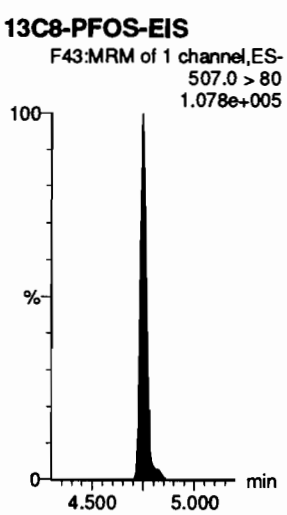




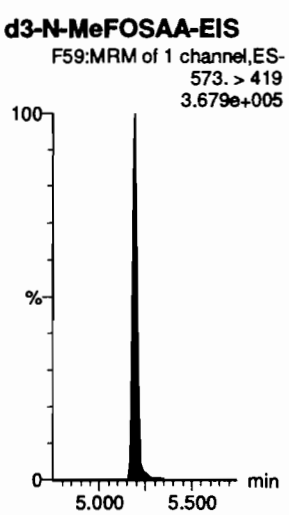




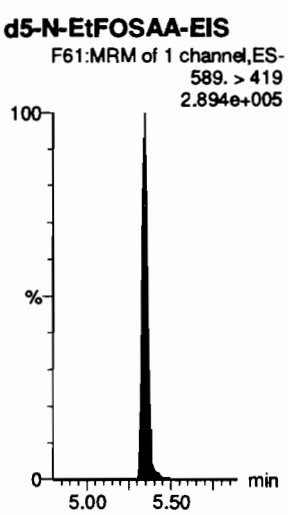
13C8-PFOS-EIS



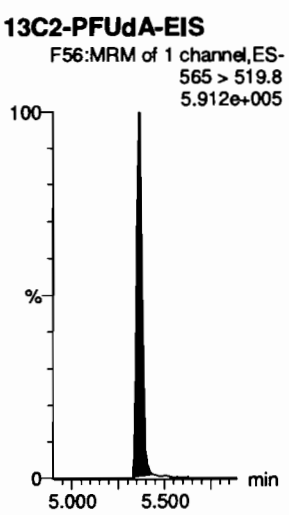
d3-N-MeFOSAA-EIS



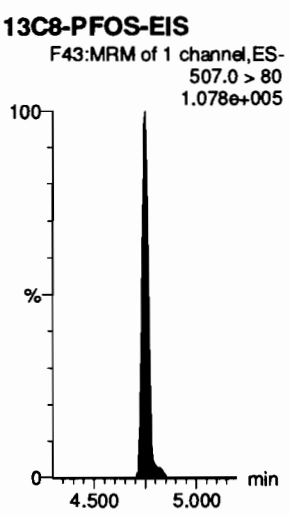
d5-N-EtFOSAA-EIS



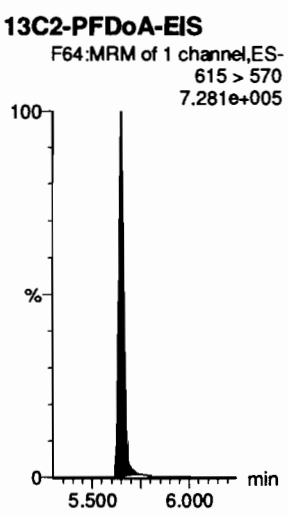
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

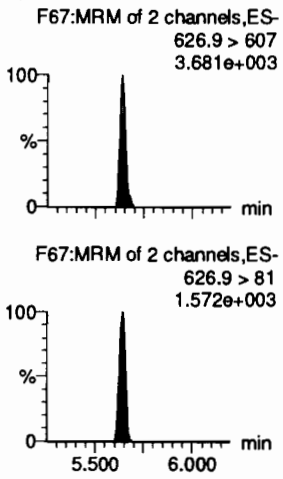


Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

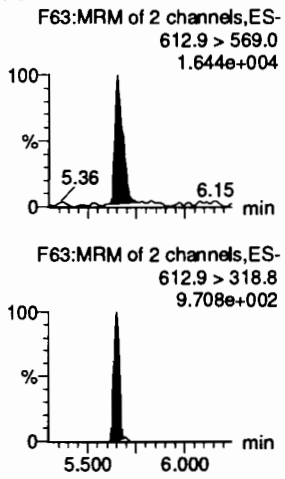
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_3, Date: 09-Jul-2020, Time: 16:22:38, ID: ST200709M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

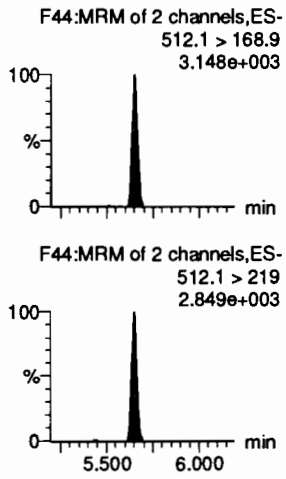
10:2 FTS



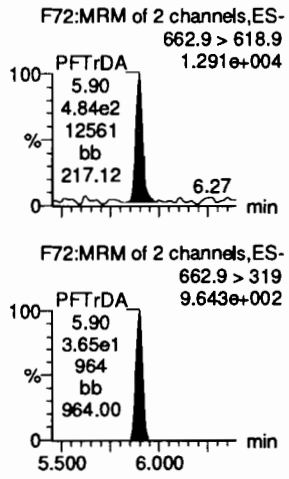
PFDoA



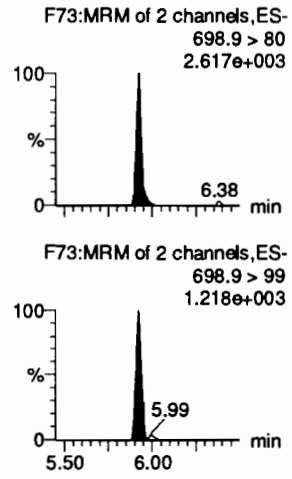
N-MeFOSA



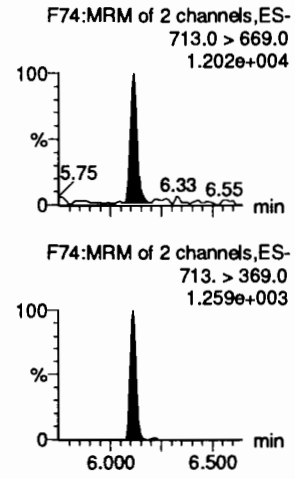
PFTrDA



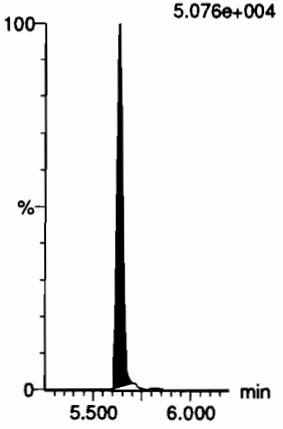
PFDoS



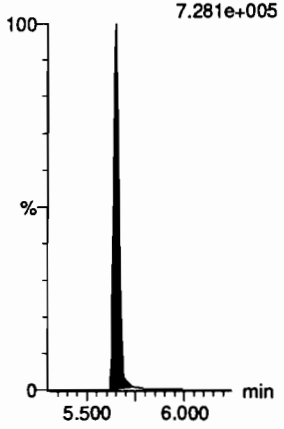
PFTeDA



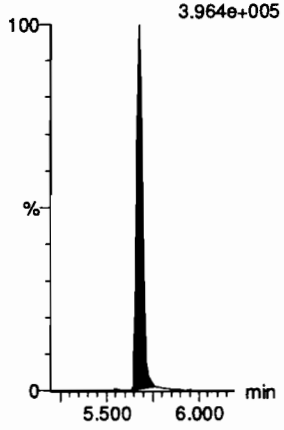
13C2-10:2 FTS-EIS



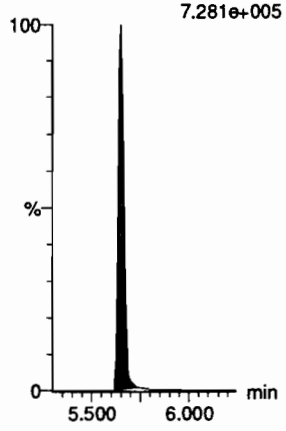
13C2-PFDoA-EIS



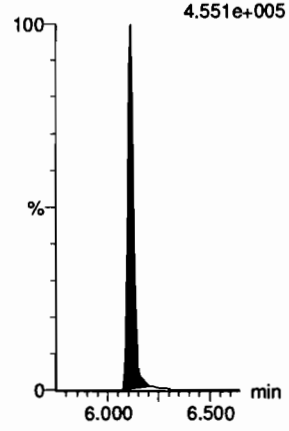
d3-N-MeFOSA-EIS



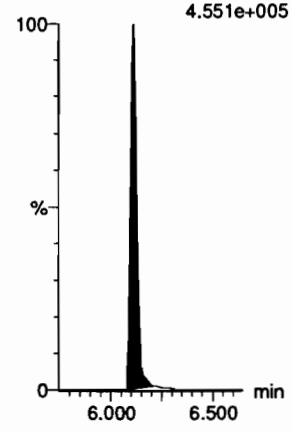
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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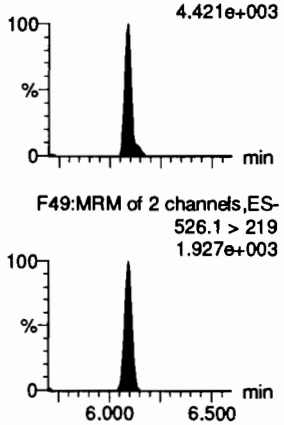
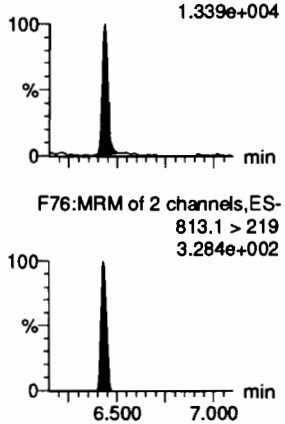
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_3, Date: 09-Jul-2020, Time: 16:22:38, ID: ST200709M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

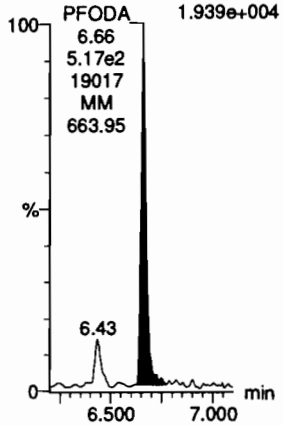
N-EtFOSA



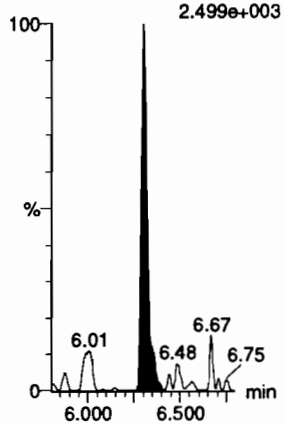
PFHxDA



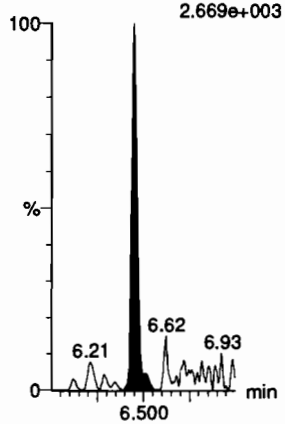
PFODA



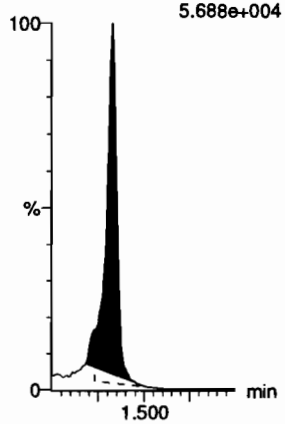
N-MeFOSE



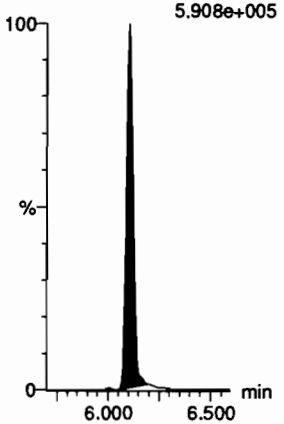
N-EtFOSE



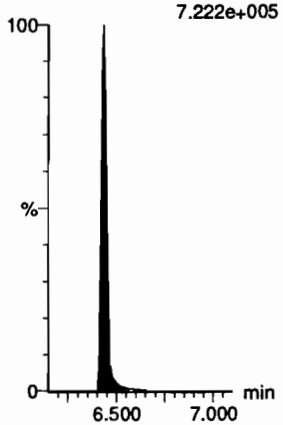
13C3-PFBA-RSD



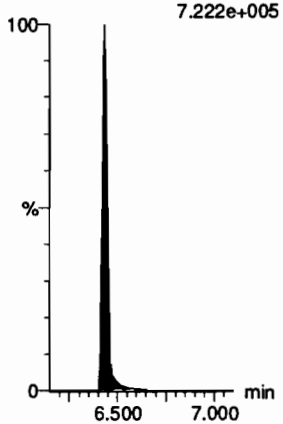
d5-N-ETFOSA-EIS



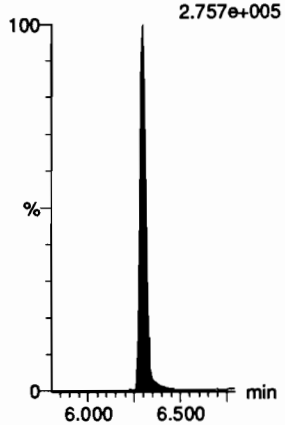
13C2-PFHxDA-EIS



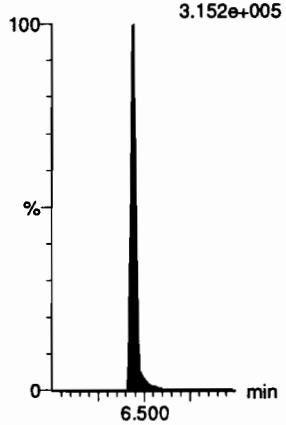
13C2-PFHxDA-EIS



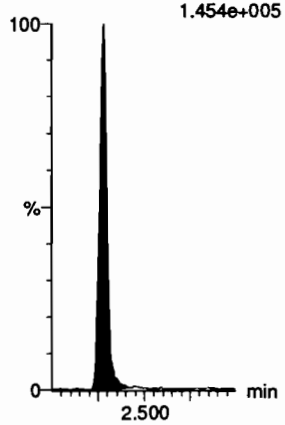
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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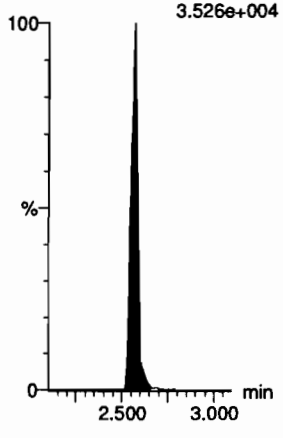
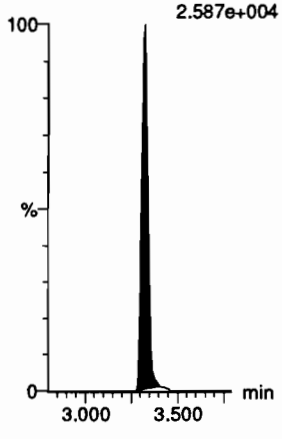
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_3, Date: 09-Jul-2020, Time: 16:22:38, ID: ST200709M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

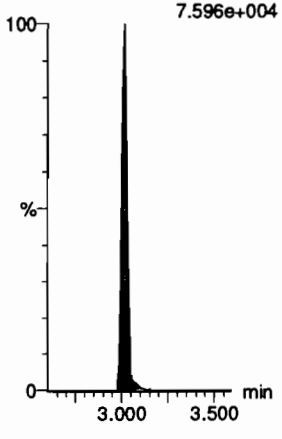
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.526e+004



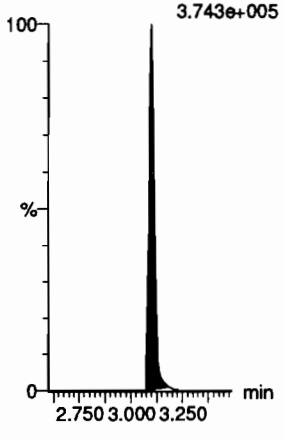
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.587e+004



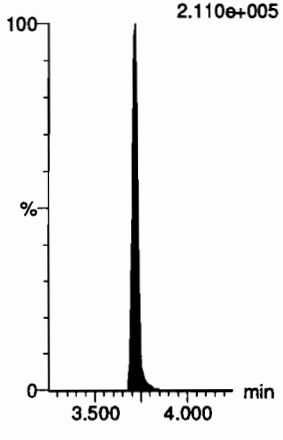
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.596e+004



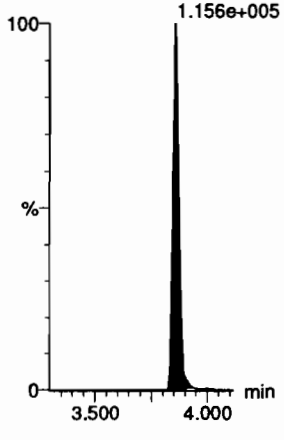
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.743e+005



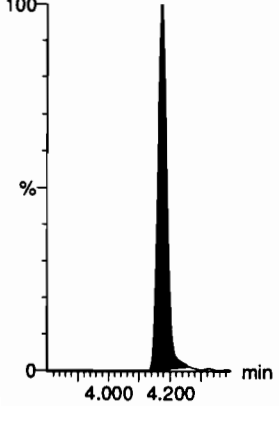
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.110e+005



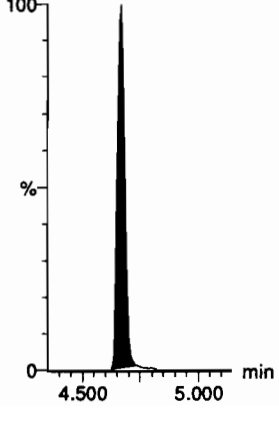
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.156e+005



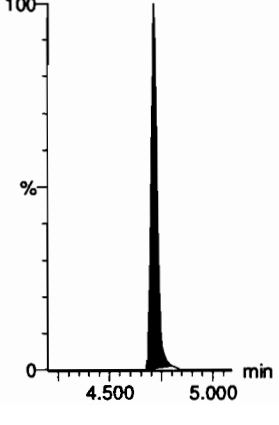
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.143e+004



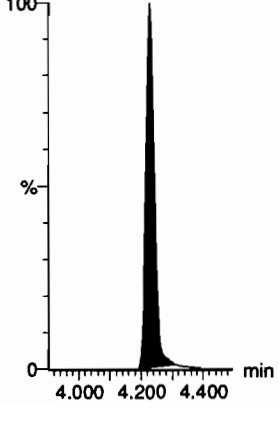
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.738e+005



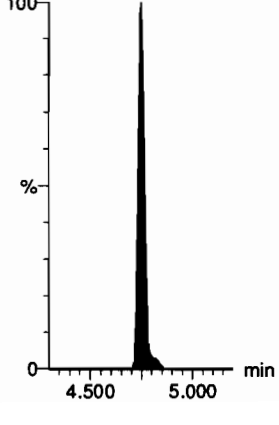
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.402e+005



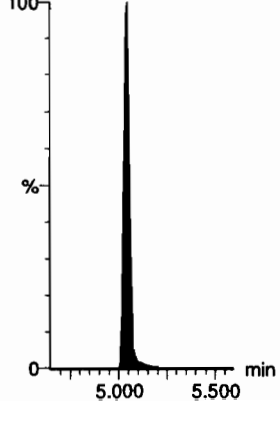
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.592e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.078e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.135e+005

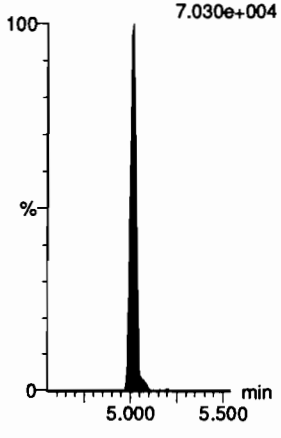


Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

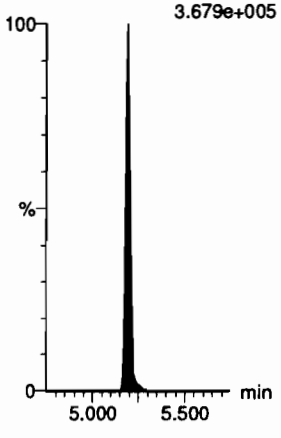
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_3, Date: 09-Jul-2020, Time: 16:22:38, ID: ST200709M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

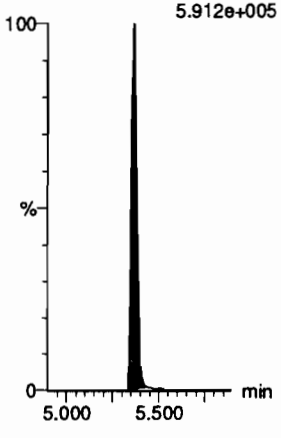
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
7.030e+004



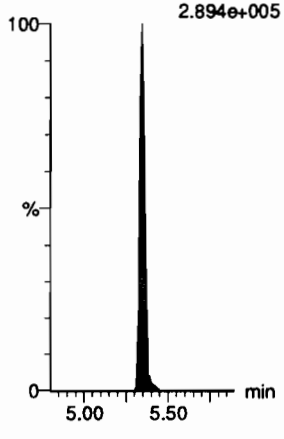
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.679e+005



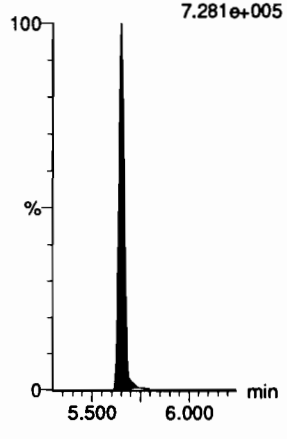
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.912e+005



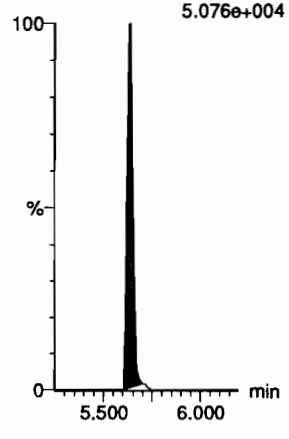
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.894e+005



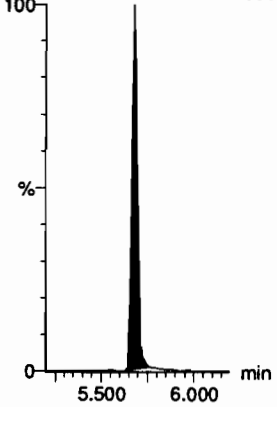
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
7.281e+005



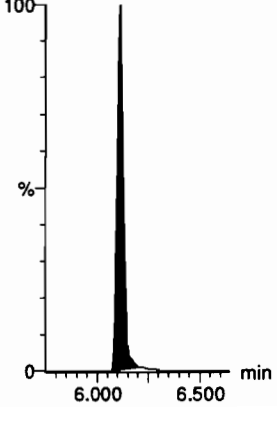
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.076e+004



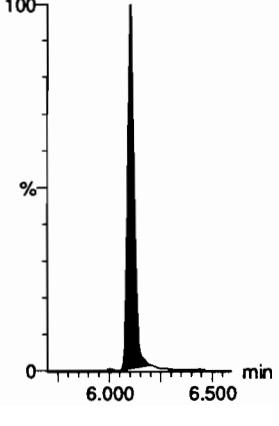
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
3.964e+005



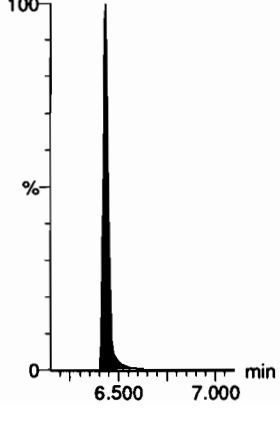
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.551e+005



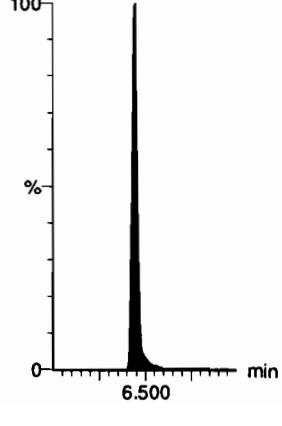
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.908e+005



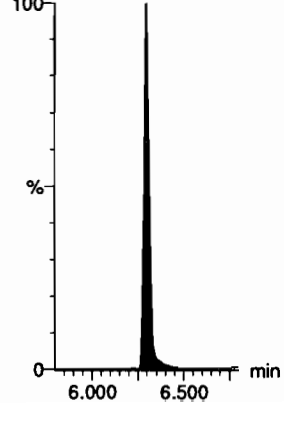
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.222e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.152e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
2.757e+005



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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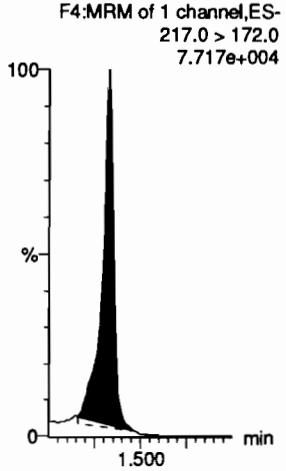
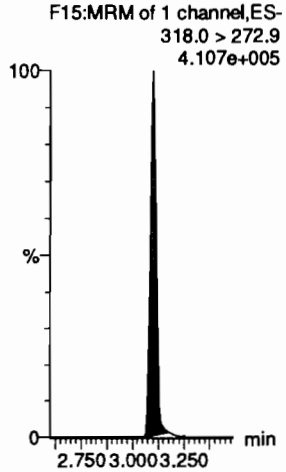
Name: 200709M1_3, Date: 09-Jul-2020, Time: 16:22:38, ID: ST200709M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

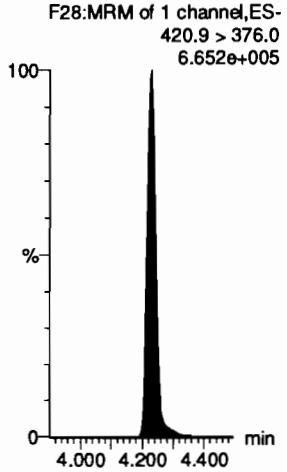
13C4-PFBA



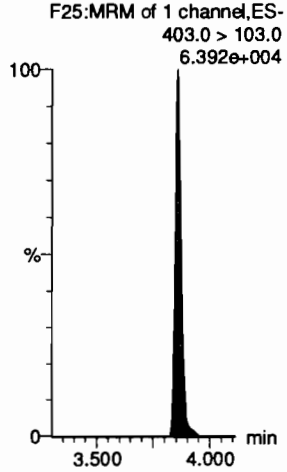
13C5-PFHxA



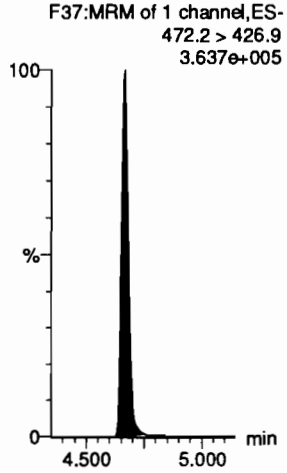
13C8-PFOA



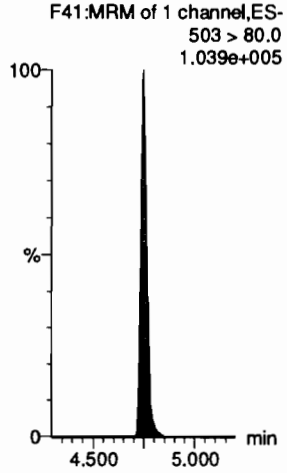
18O2-PFHxS



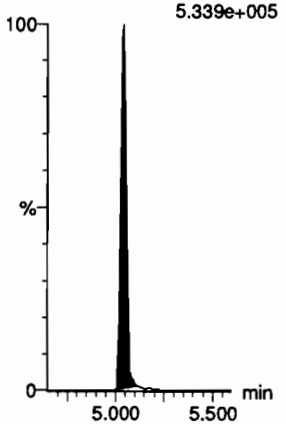
13C9-PFNA



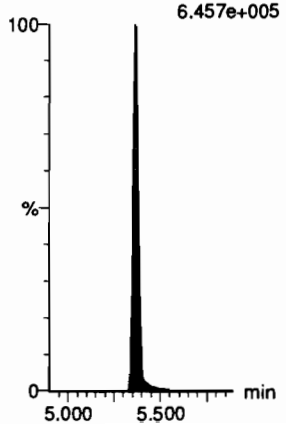
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:12:26 Pacific Daylight Time
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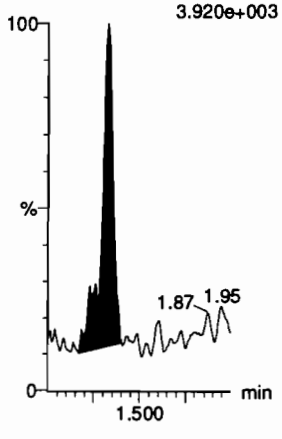
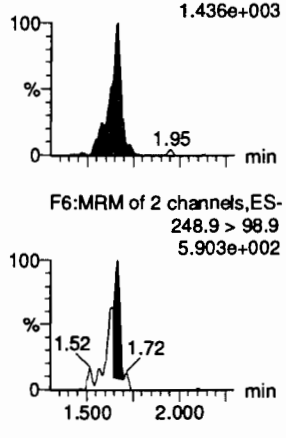
Name: 200709M1_4, Date: 09-Jul-2020, Time: 16:33:00, ID: ST200709M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

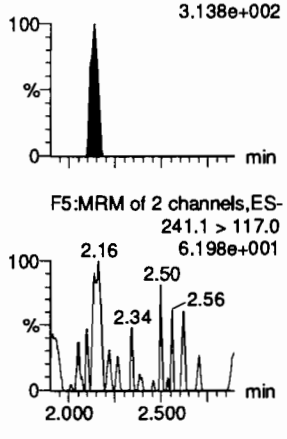
PFBA



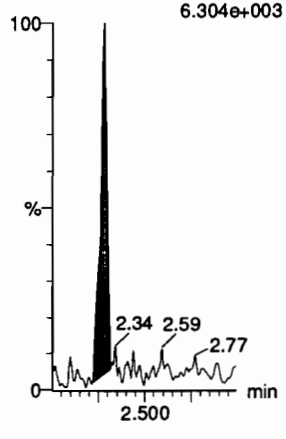
PFPrS



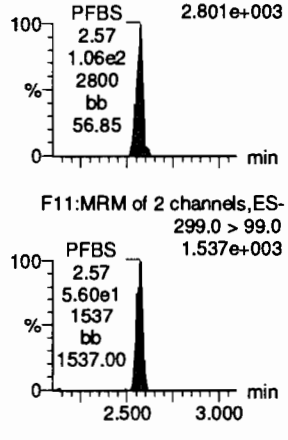
3:3 FTCA



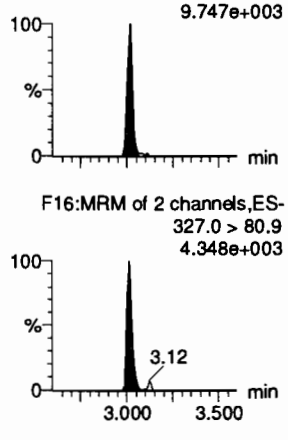
PFPeA



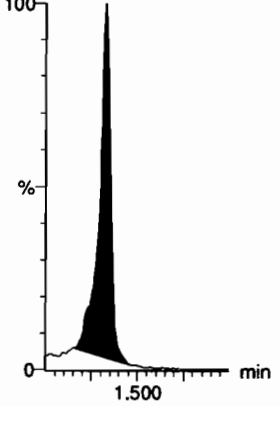
PFBS



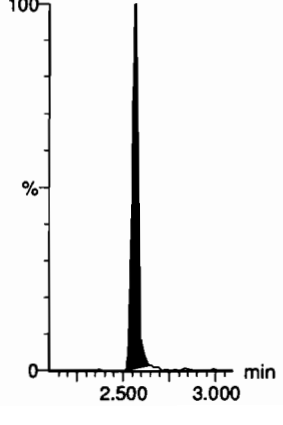
4:2 FTS



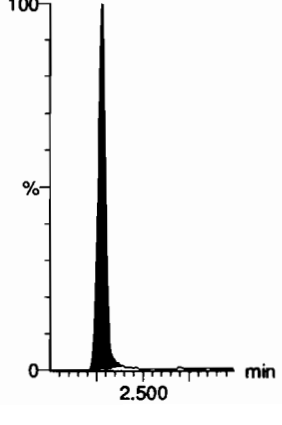
13C3-PFBA-EIS



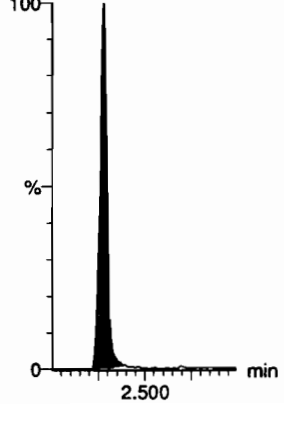
13C3-PFBS-EIS



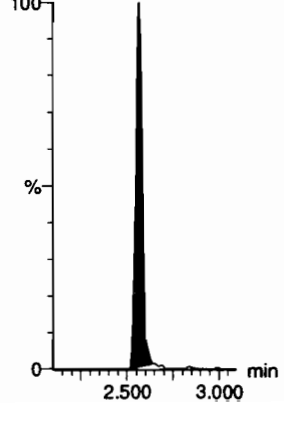
13C3-PFPeA-EIS



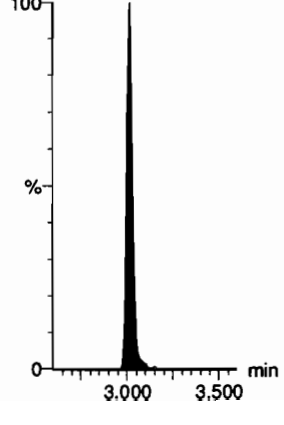
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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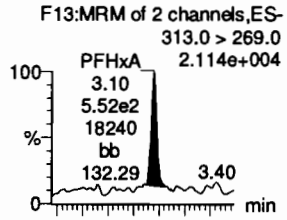
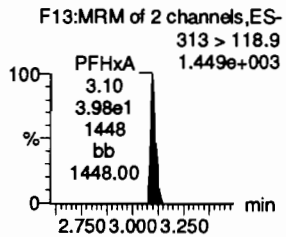
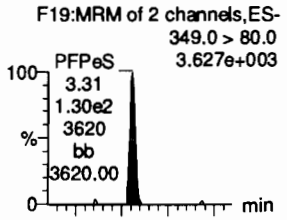
Name: 200709M1_4, Date: 09-Jul-2020, Time: 16:33:00, ID: ST200709M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

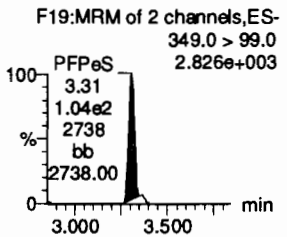
PFHxA



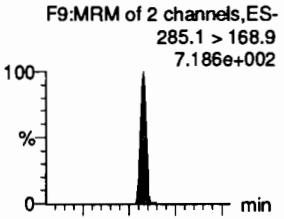


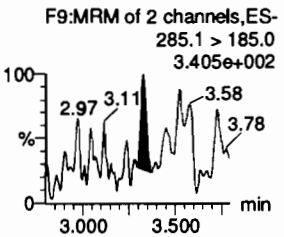
PFPeS



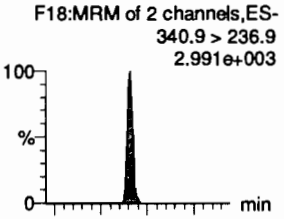


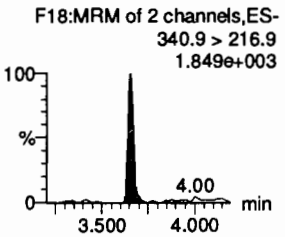
HFPO-DA



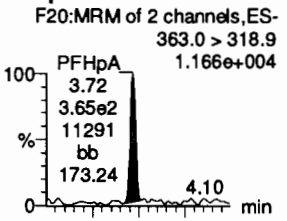


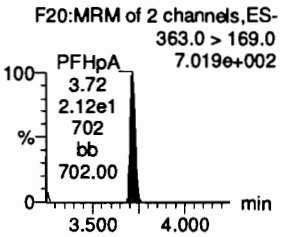
5:3 FTCA



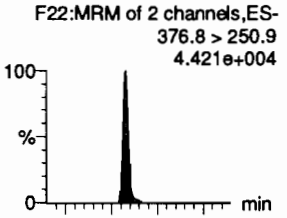


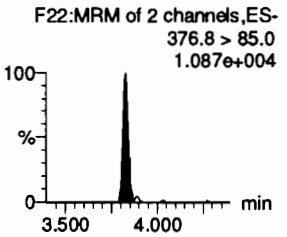
PFHpA



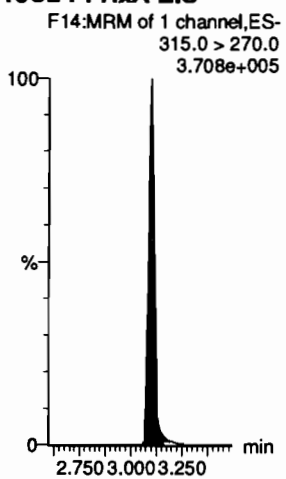


ADONA

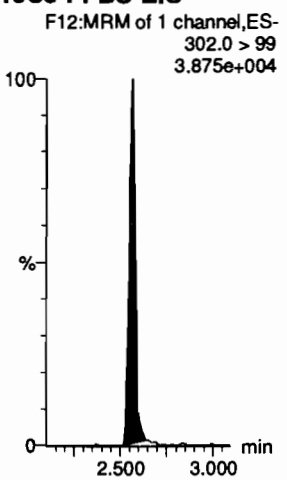




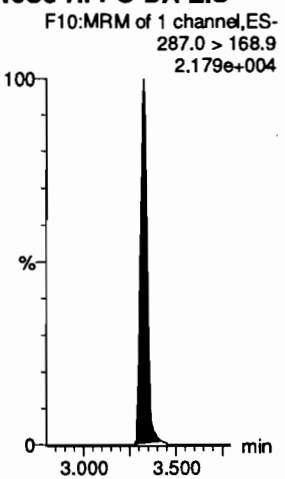
13C2-PFHxA-EIS



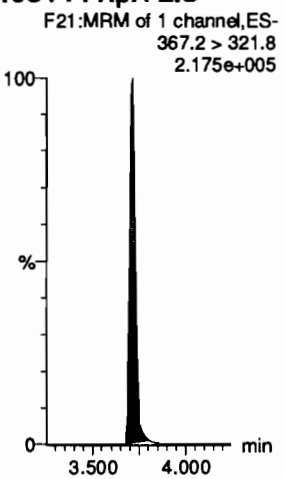
13C3-PFBS-EIS



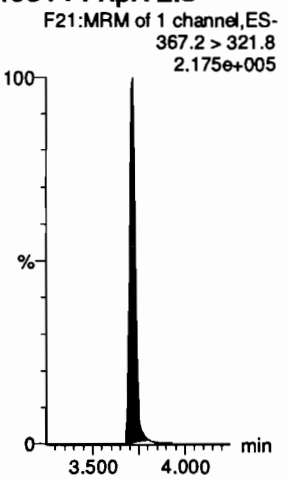
13C3-HFPO-DA-EIS



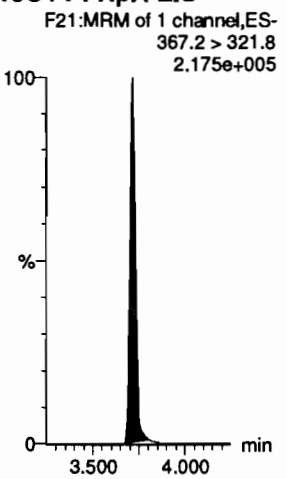
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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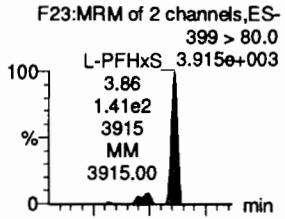
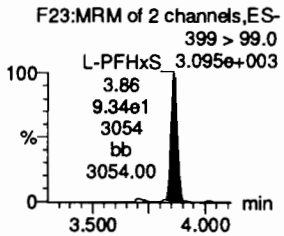
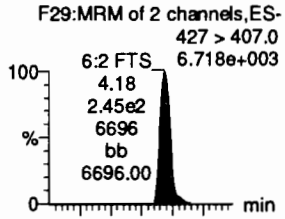
Name: 200709M1_4, Date: 09-Jul-2020, Time: 16:33:00, ID: ST200709M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

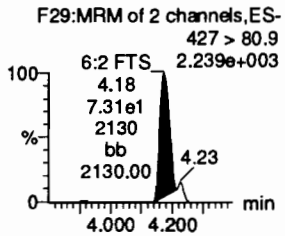
L-PFHxS



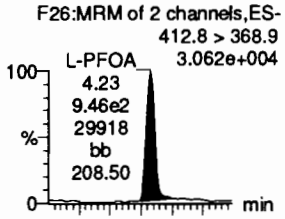


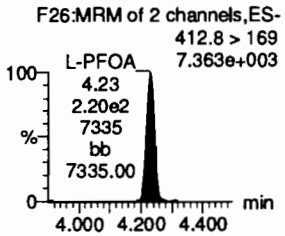
6:2 FTS





L-PFOA





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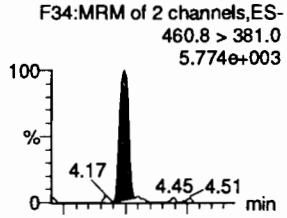

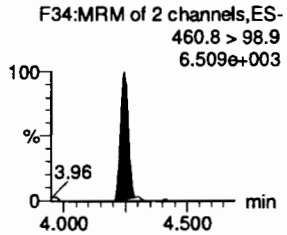

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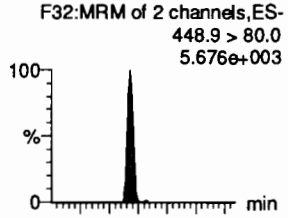
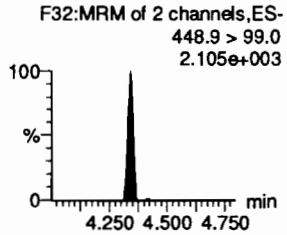
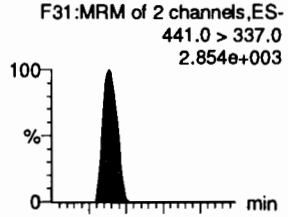
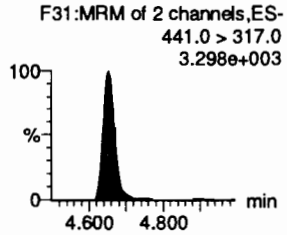


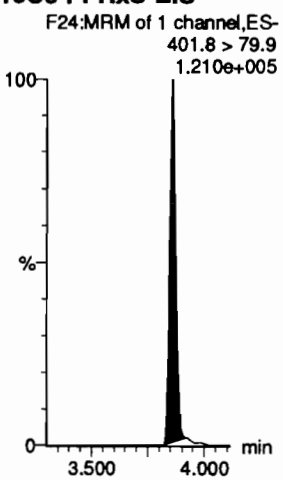


7:3 FTCA

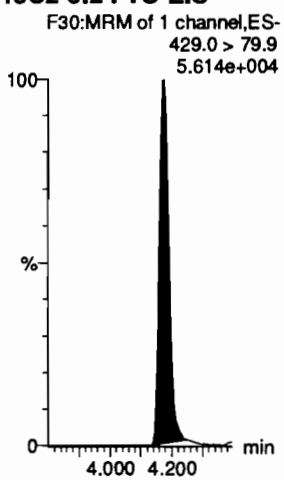




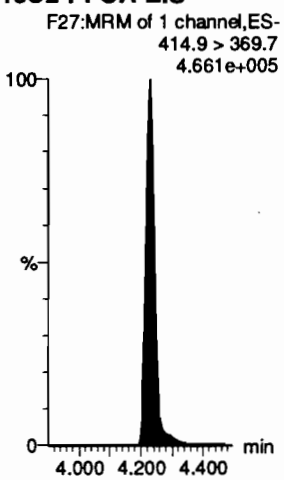
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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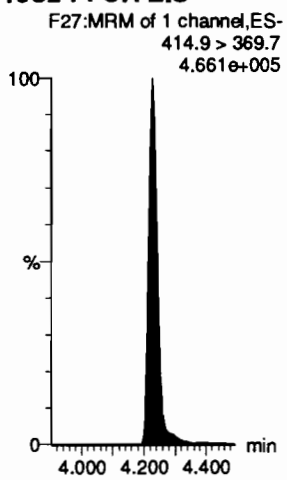
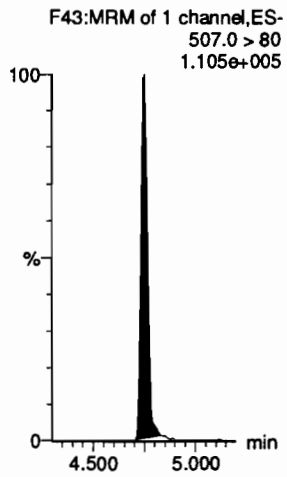
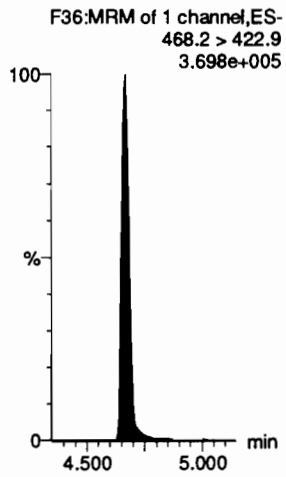


13C8-PFOS-EIS



13C5-PFNA-EIS



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Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_4, Date: 09-Jul-2020, Time: 16:33:00, ID: ST200709M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

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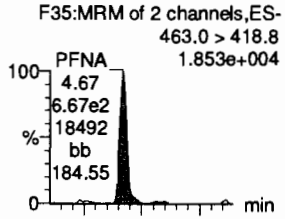

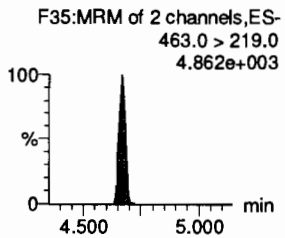

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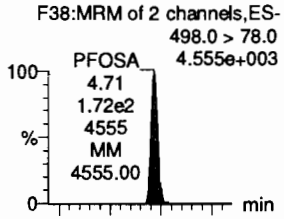
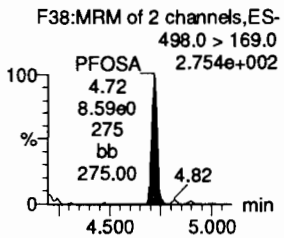
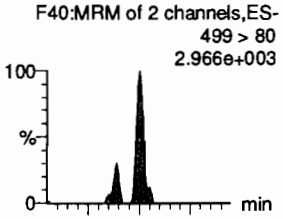
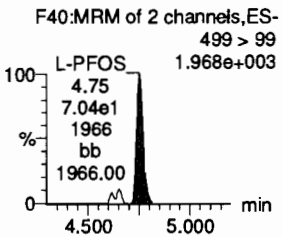


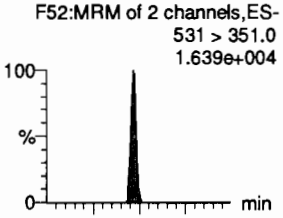


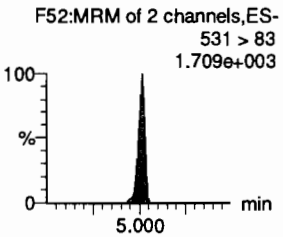
L-PFOS





9Cl-PF30NS





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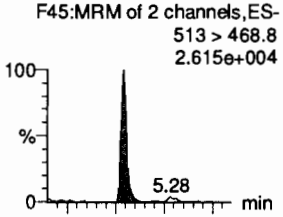
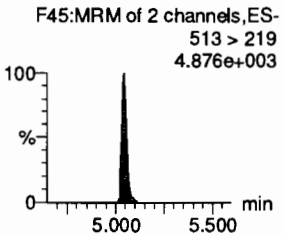
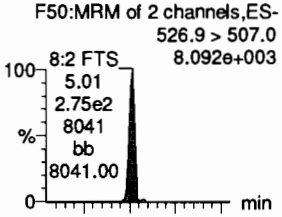
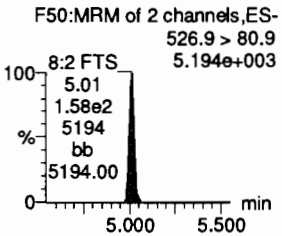


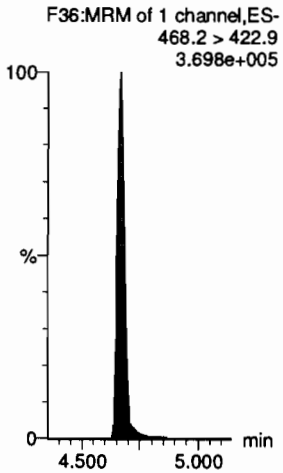


8:2 FTS

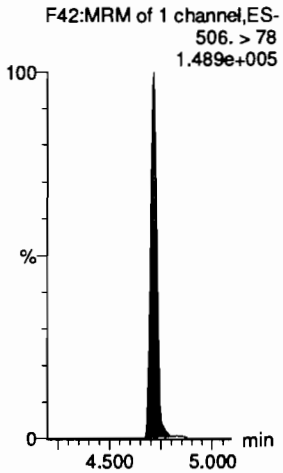




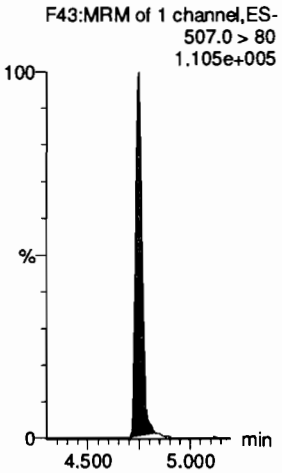
13C5-PFNA-EIS



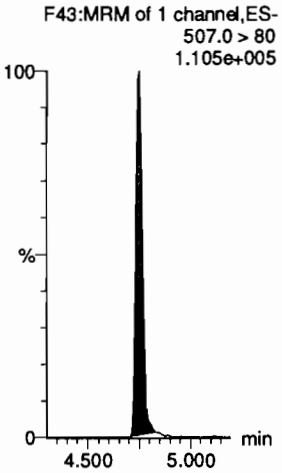
13C8-PFOSA-EIS



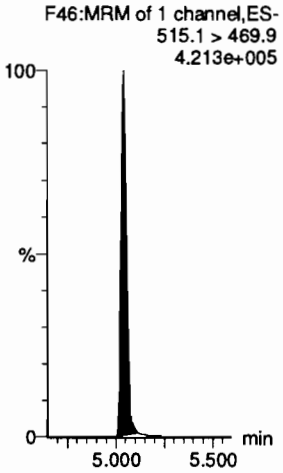
13C8-PFOS-EIS



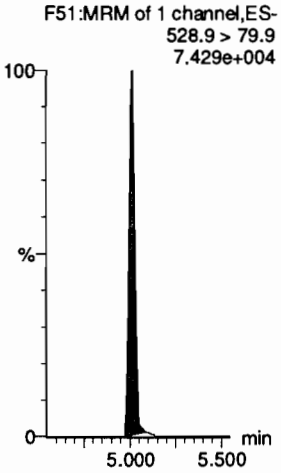
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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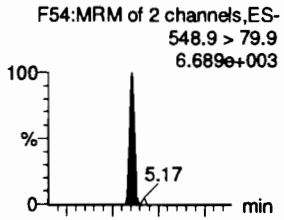
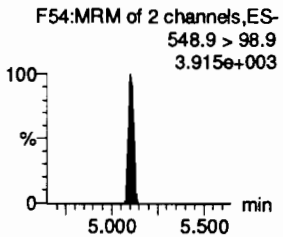
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

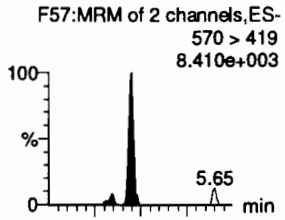
Name: 200709M1_4, Date: 09-Jul-2020, Time: 16:33:00, ID: ST200709M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

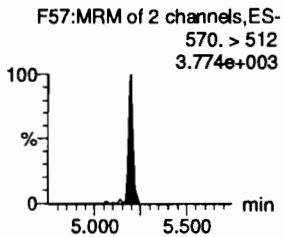
PFNS



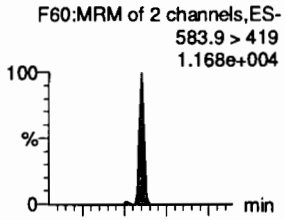


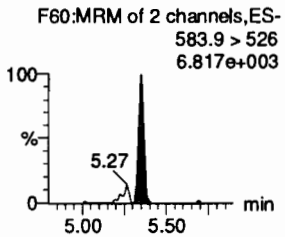
L-MeFOSAA



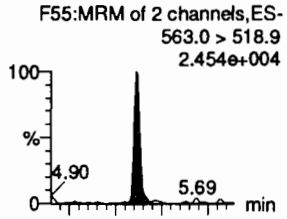


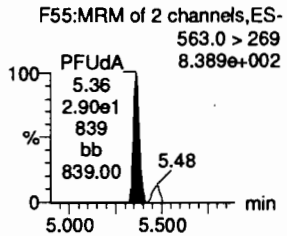
L-EtFOSAA



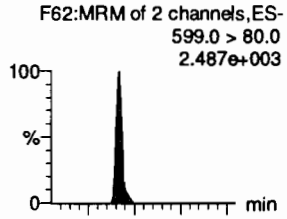


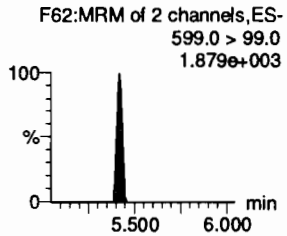
PFUdA



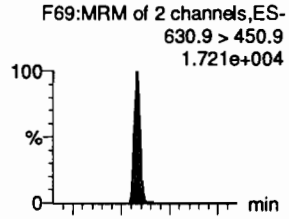


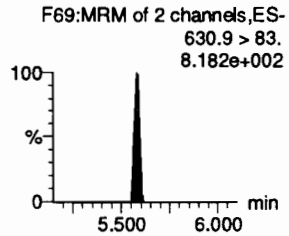
PFDS



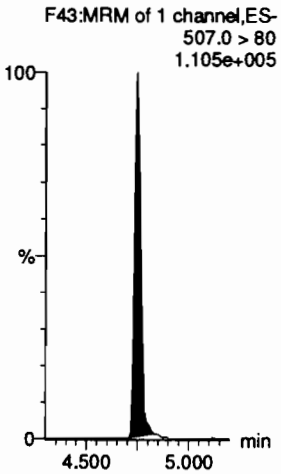


11Cl-PF30UdS

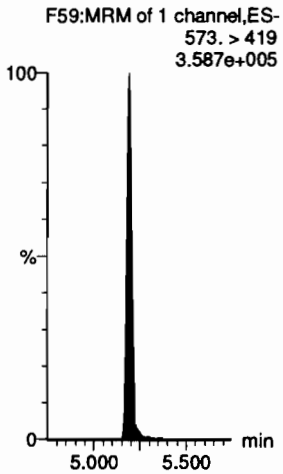




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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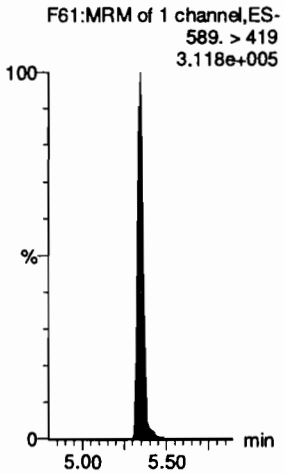

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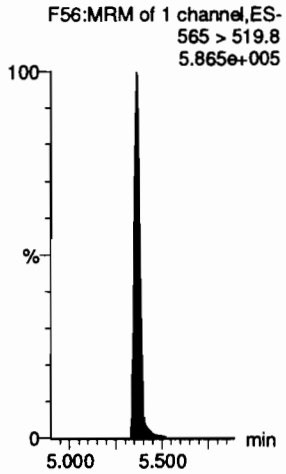

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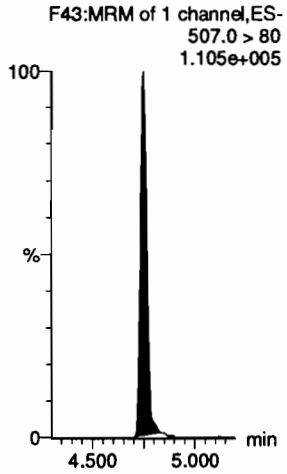

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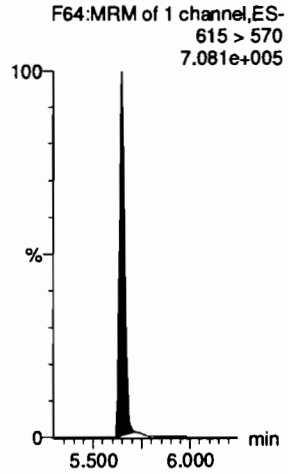

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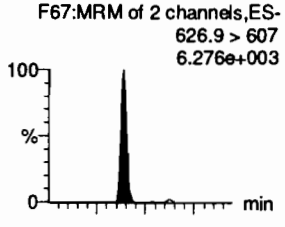
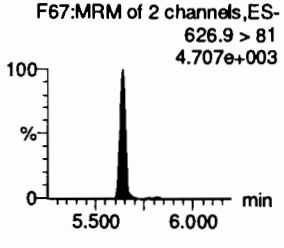
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

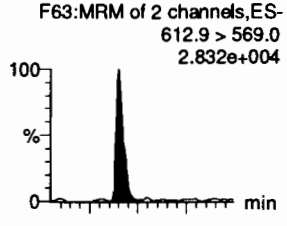
Name: 200709M1_4, Date: 09-Jul-2020, Time: 16:33:00, ID: ST200709M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

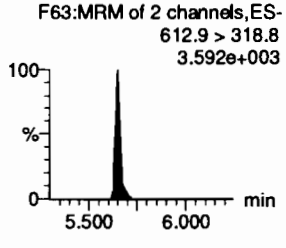
10:2 FTS



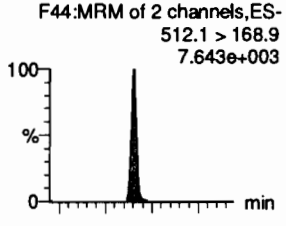


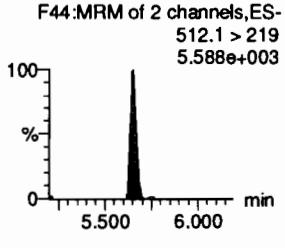
PFDoA



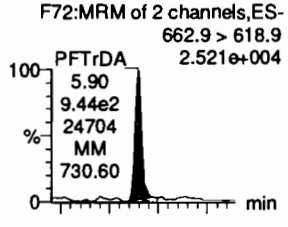


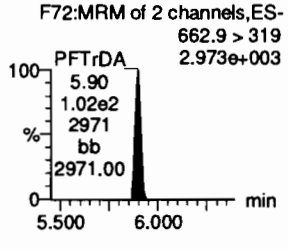
N-MeFOSA



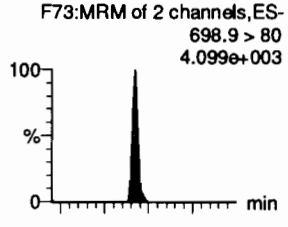


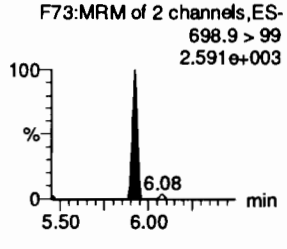
PFTrDA



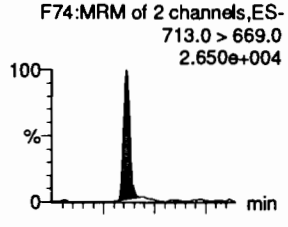


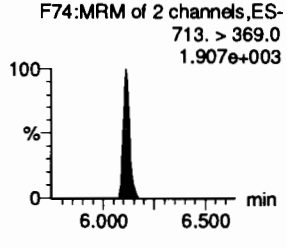
PFDoS



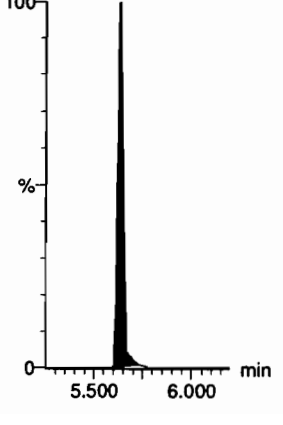


PFTeDA

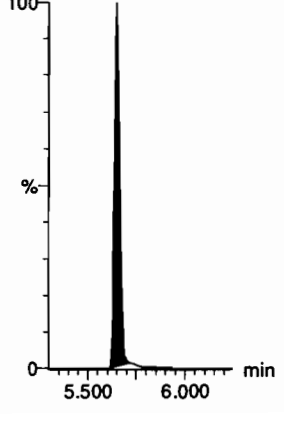




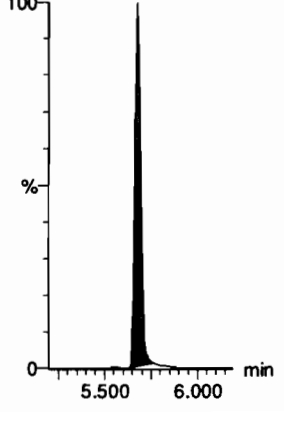
13C2-10:2 FTS-EIS



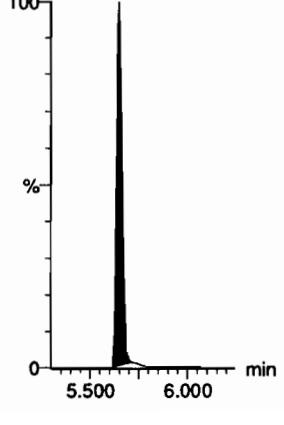
13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



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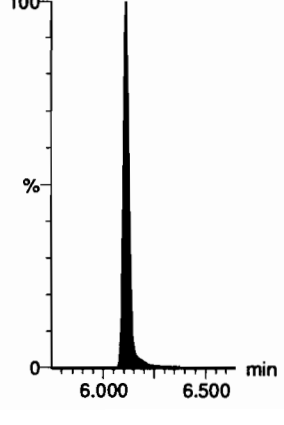
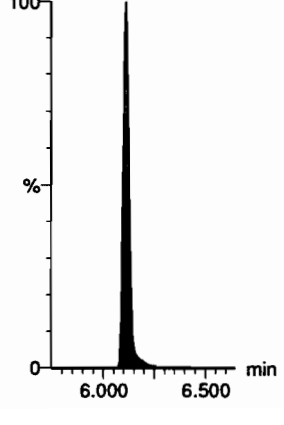


13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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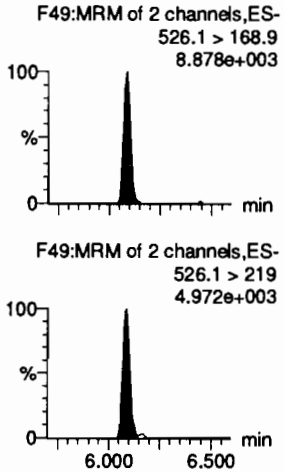
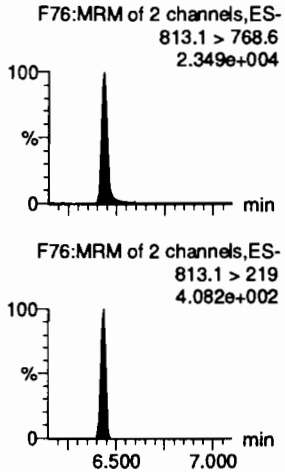
Name: 200709M1_4, Date: 09-Jul-2020, Time: 16:33:00, ID: ST200709M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

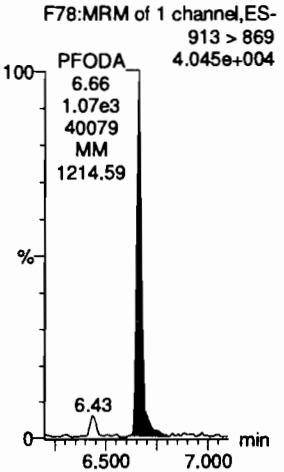
N-EtFOSA



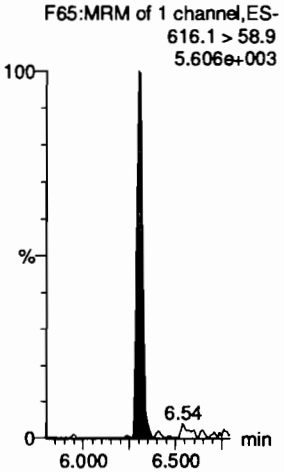
PFHxDA



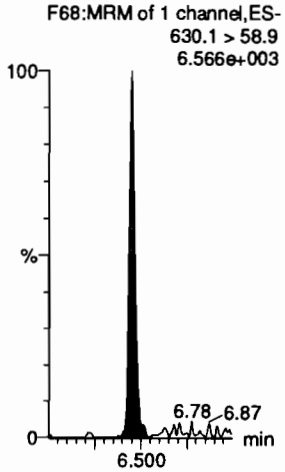
PFODA



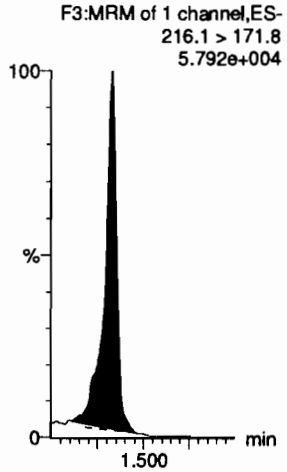
N-MeFOSE



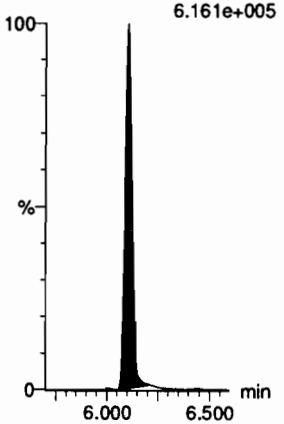
N-EtFOSE



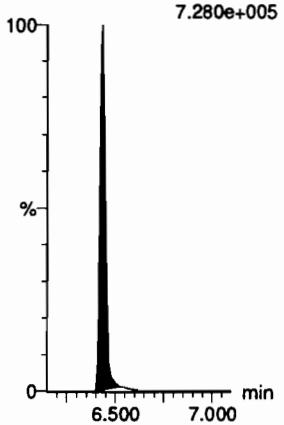
13C3-PFBA-RSD



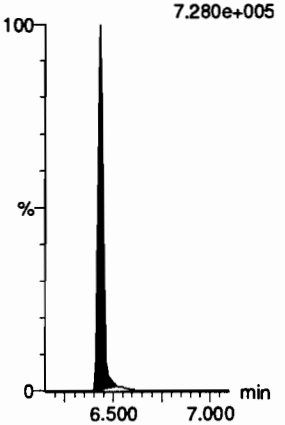
d5-N-ETFOSA-EIS



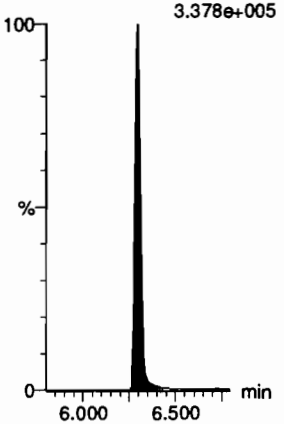
13C2-PFHxDA-EIS



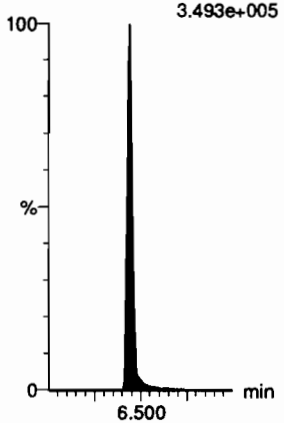
13C2-PFHxDA-EIS



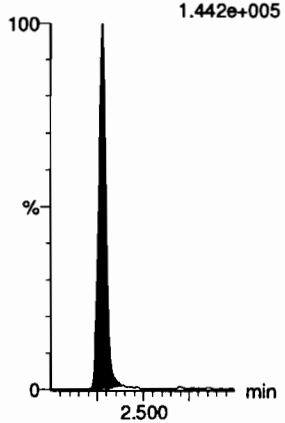
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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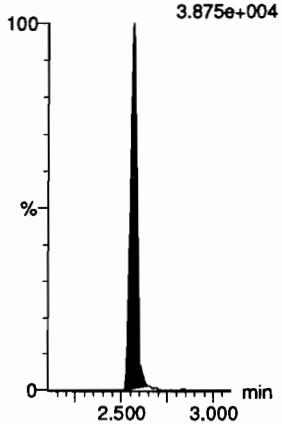
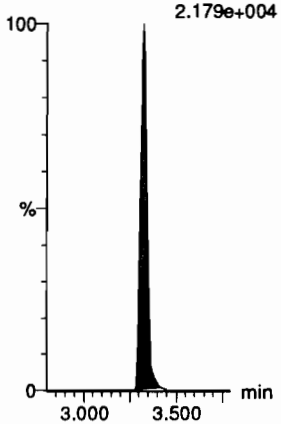
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_4, Date: 09-Jul-2020, Time: 16:33:00, ID: ST200709M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

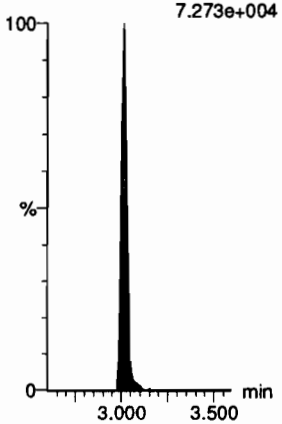
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.875e+004



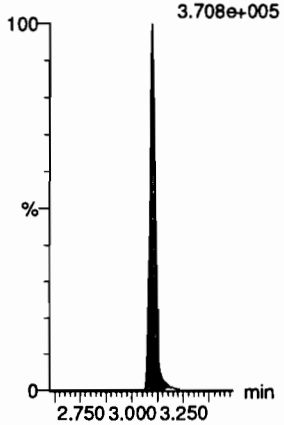
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.179e+004



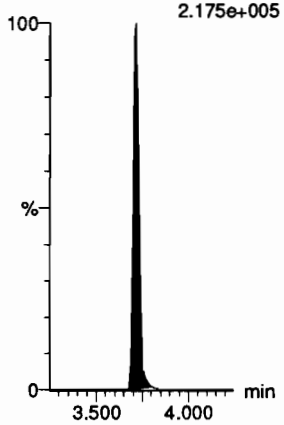
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.273e+004



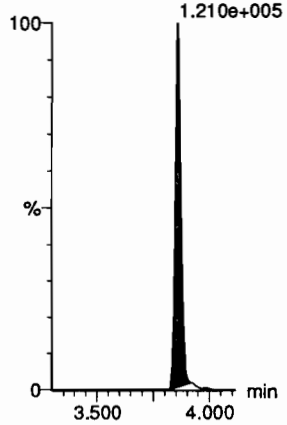
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.708e+005



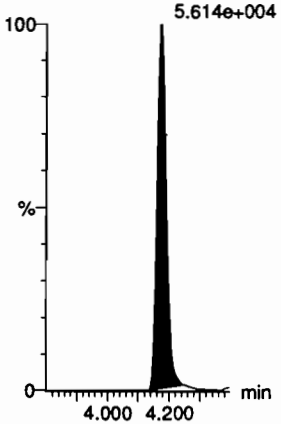
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.175e+005



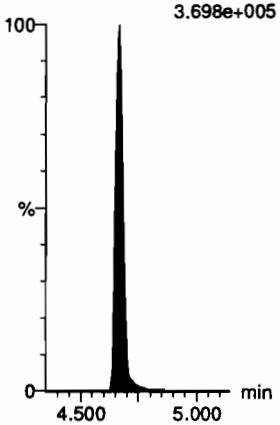
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.210e+005



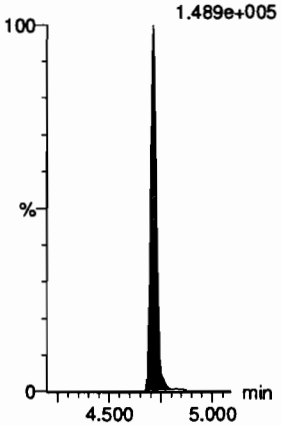
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.614e+004



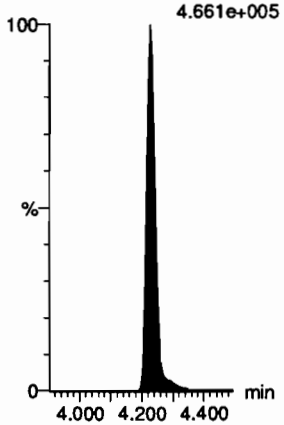
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.698e+005



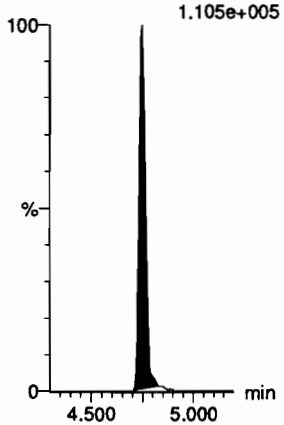
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.489e+005



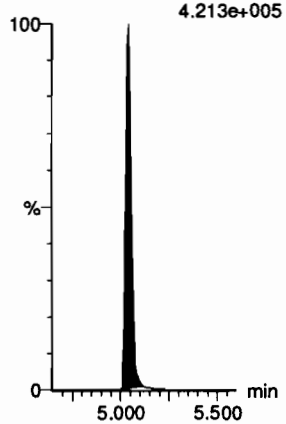
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.661e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.105e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.213e+005

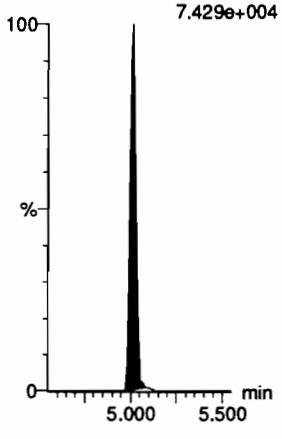


Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

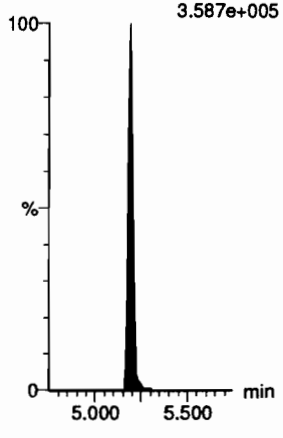
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_4, Date: 09-Jul-2020, Time: 16:33:00, ID: ST200709M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

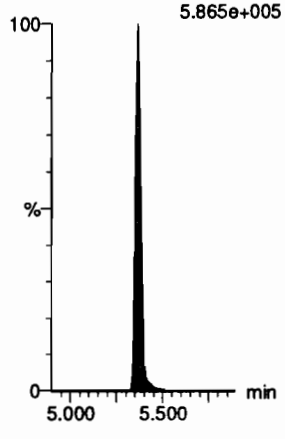
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
7.429e+004



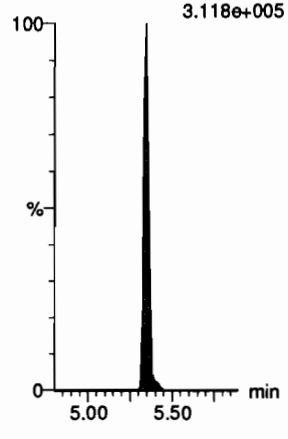
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.587e+005



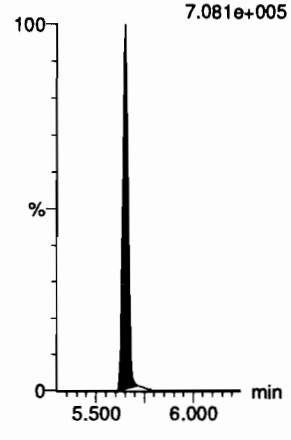
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.865e+005



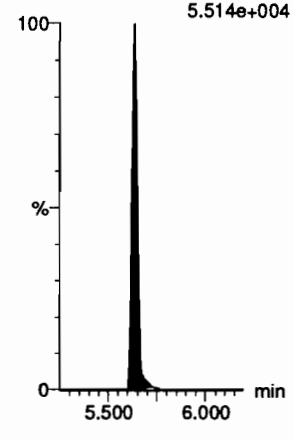
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
3.118e+005



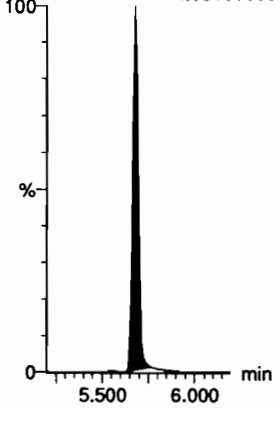
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
7.081e+005



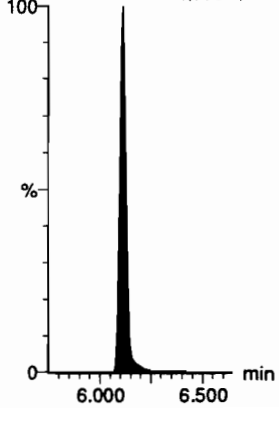
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.514e+004



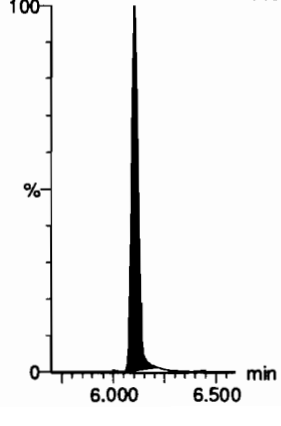
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.081e+005



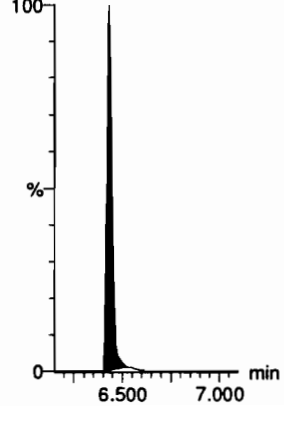
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.770e+005



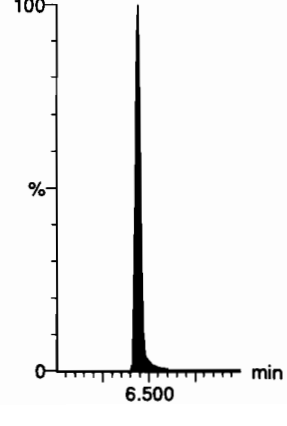
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.161e+005



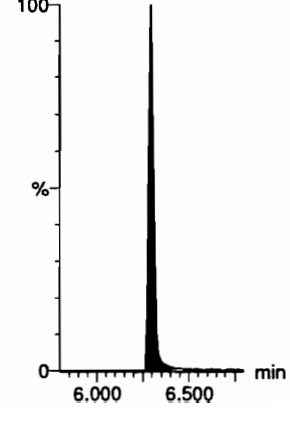
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.280e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.493e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.378e+005

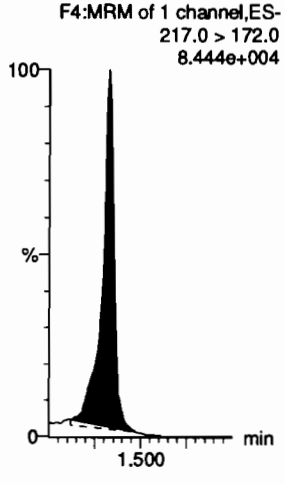


Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

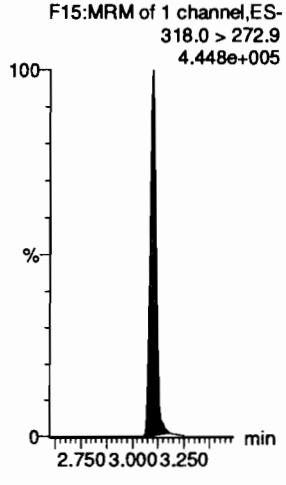
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_4, Date: 09-Jul-2020, Time: 16:33:00, ID: ST200709M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

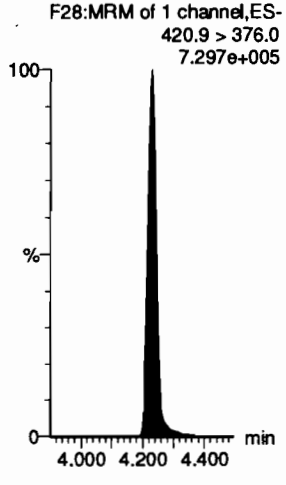
13C4-PFBA



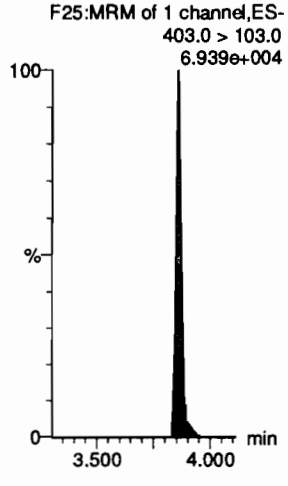
13C5-PFHxA



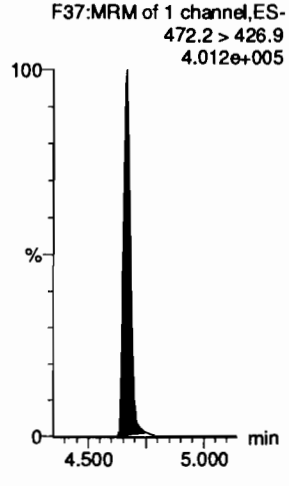
13C8-PFOA



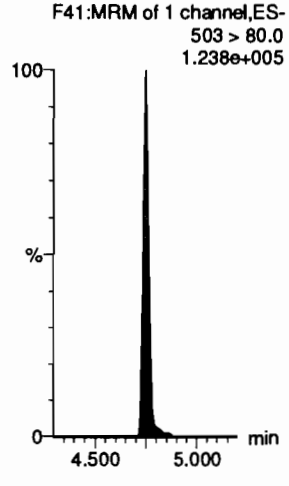
18O2-PFHxS



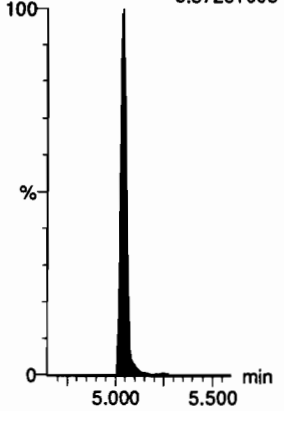
13C9-PFNA



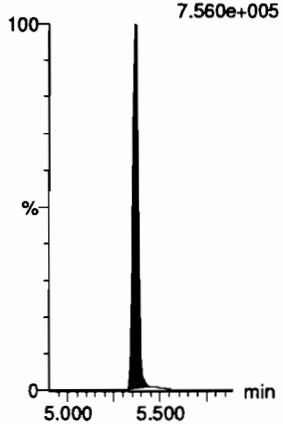
13C4-PFOS



13C6-PFDA



13C7-PFUdA

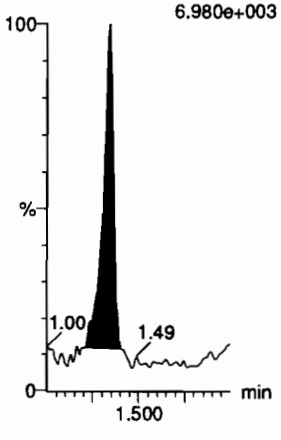


Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

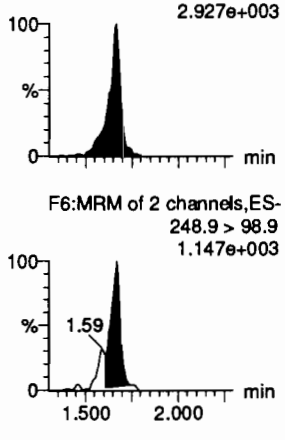
Last Altered: Friday, July 10, 2020 10:12:26 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:12:46 Pacific Daylight Time

Name: 200709M1_5, Date: 09-Jul-2020, Time: 16:43:43, ID: ST200709M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

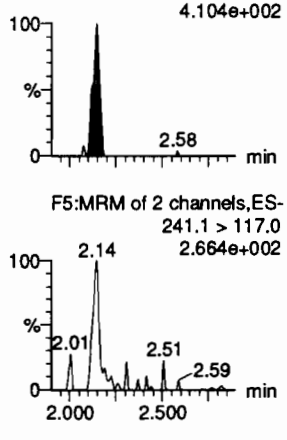
PFBA



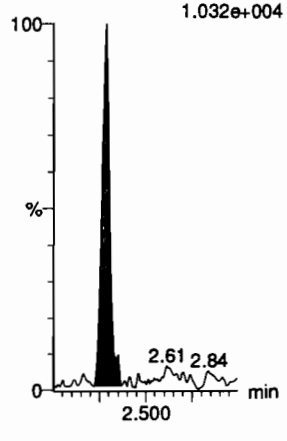
PFPrS



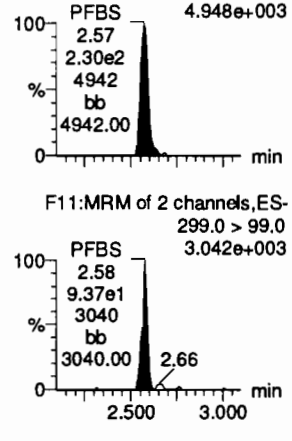
3:3 FTCA



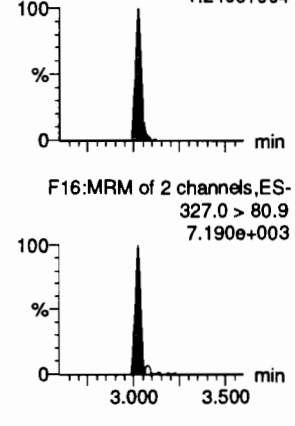
PFPeA



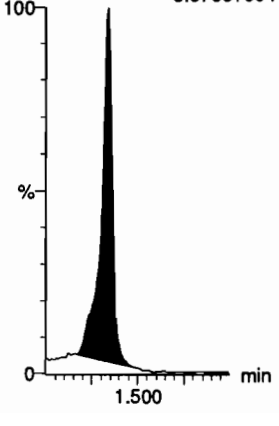
PFBS



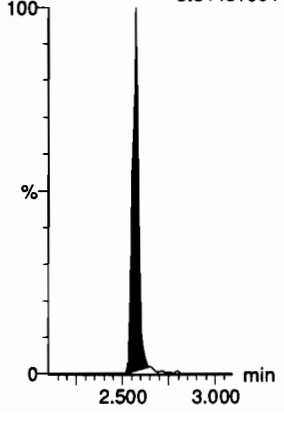
4:2 FTS



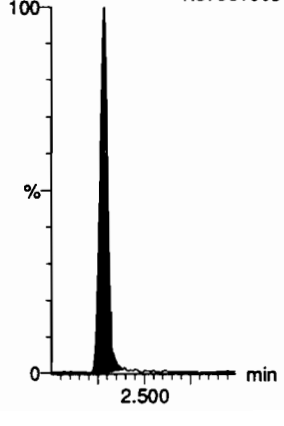
13C3-PFBA-EIS



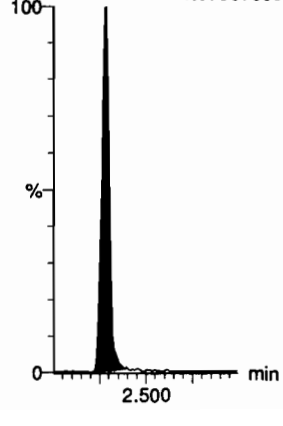
13C3-PFBS-EIS



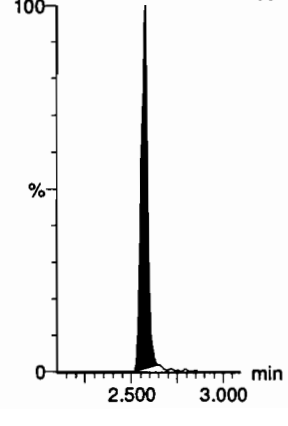
13C3-PFPeA-EIS



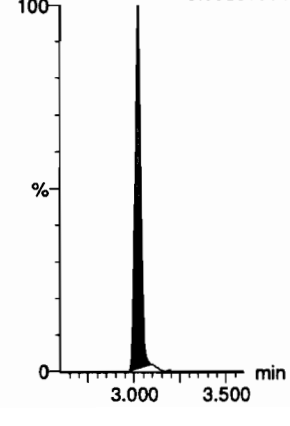
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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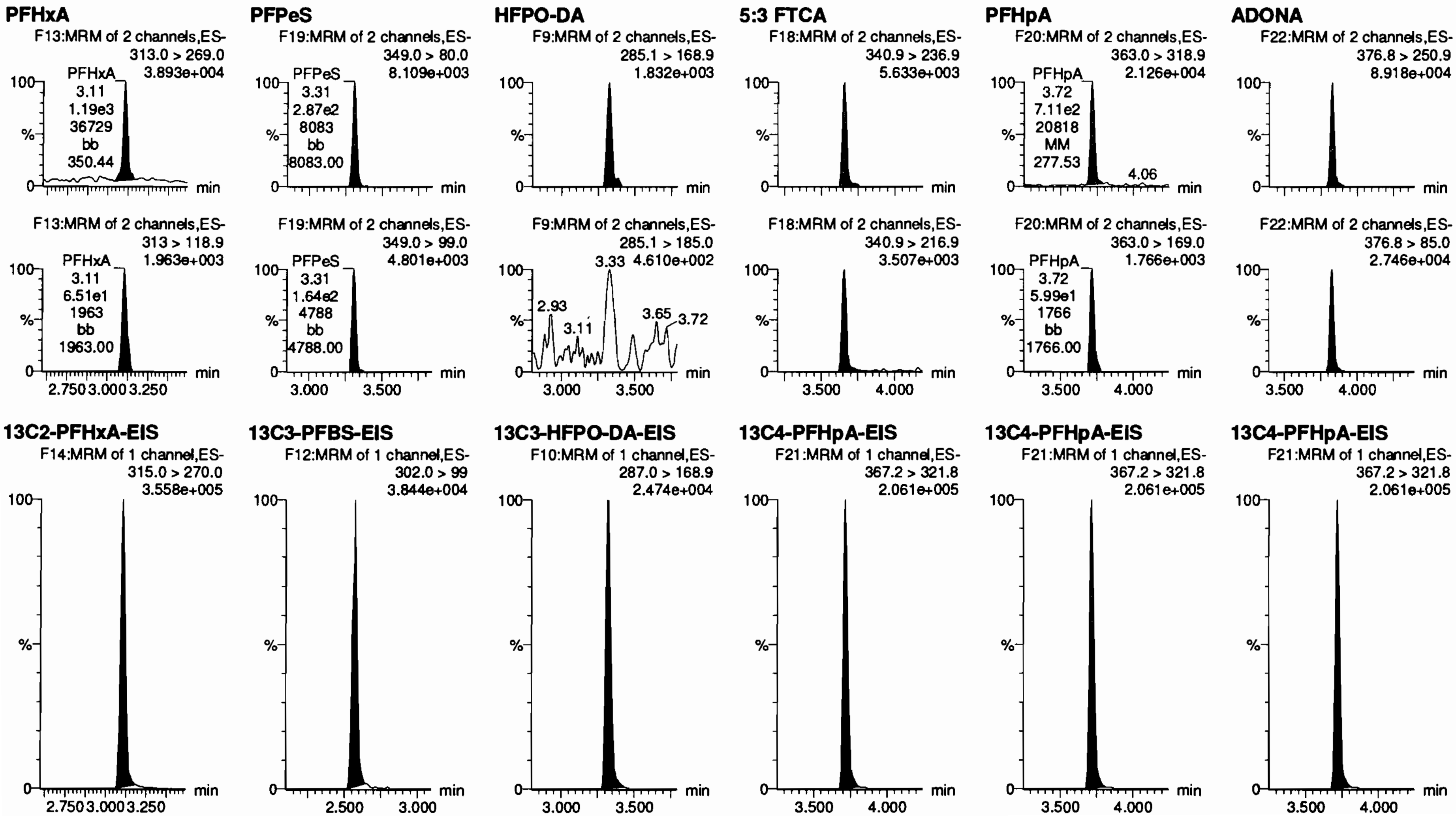
Name: 200709M1_5, Date: 09-Jul-2020, Time: 16:43:43, ID: ST200709M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

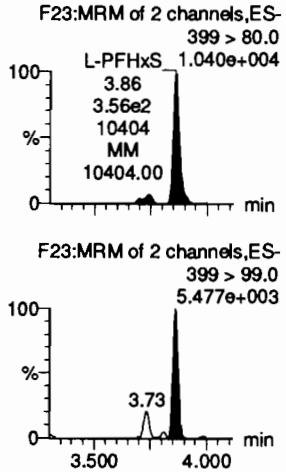


Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

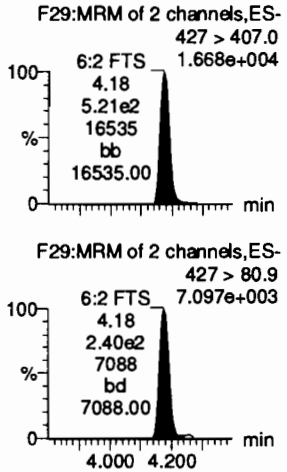
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_5, Date: 09-Jul-2020, Time: 16:43:43, ID: ST200709M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

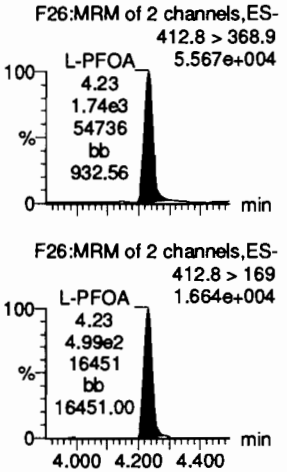
L-PFHxS



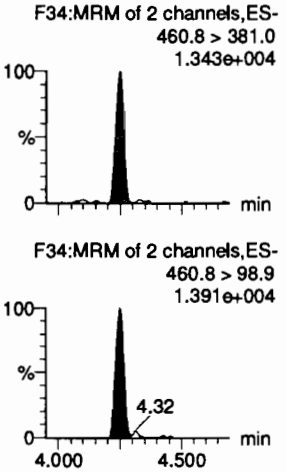
6:2 FTS



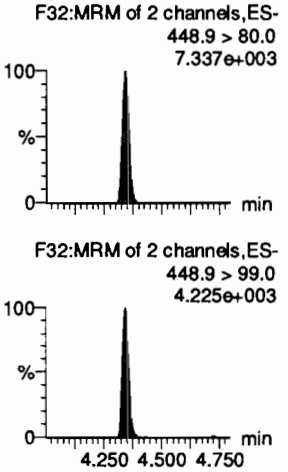
L-PFOA



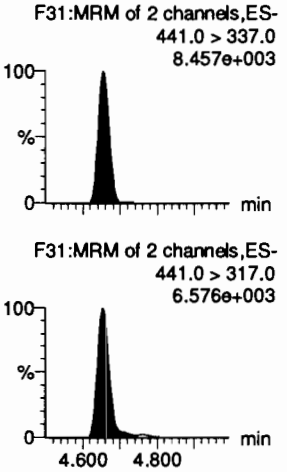
PFEChS



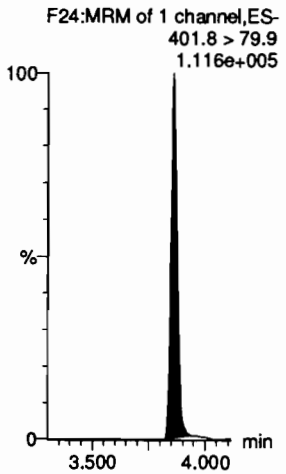
PFHpS



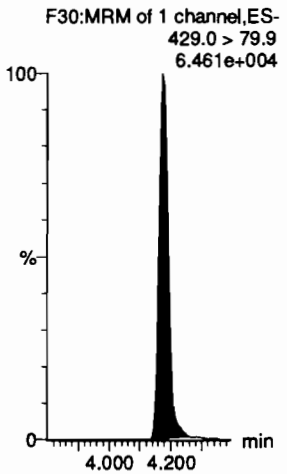
7:3 FTCA



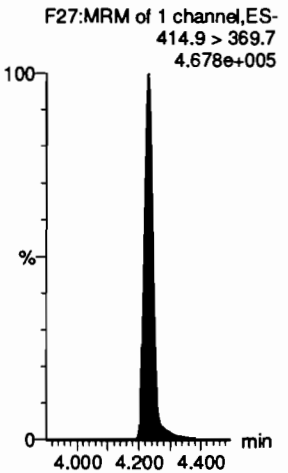
13C3-PFHxS-EIS



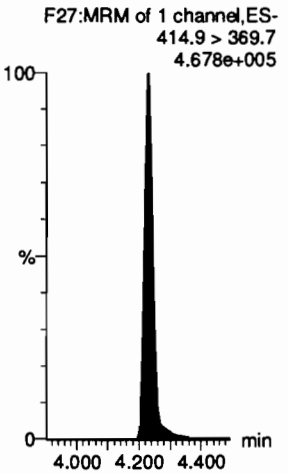
13C2-6:2 FTS-EIS



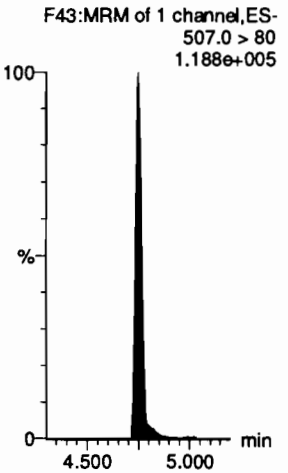
13C2-PFOA-EIS



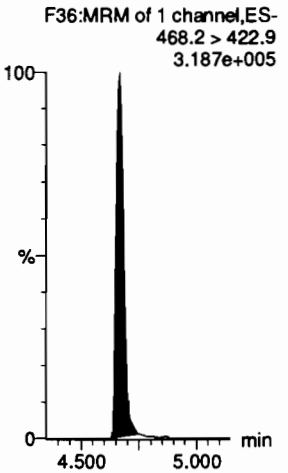
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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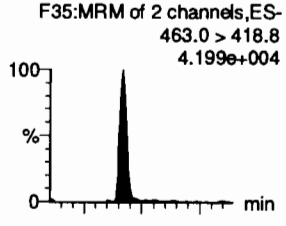
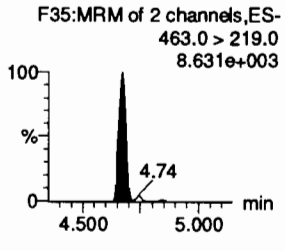
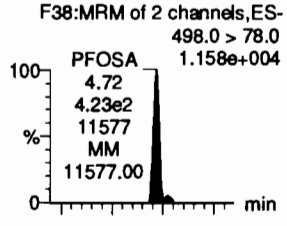
Name: 200709M1_5, Date: 09-Jul-2020, Time: 16:43:43, ID: ST200709M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

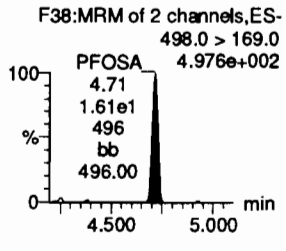
PFNA



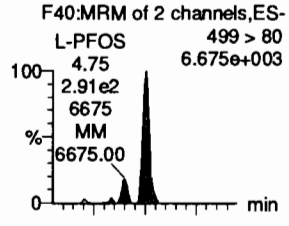


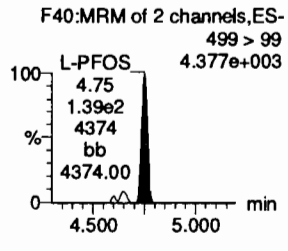
PFOSA



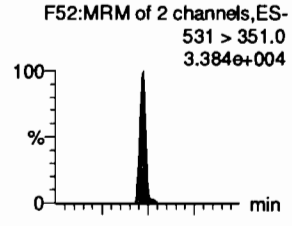


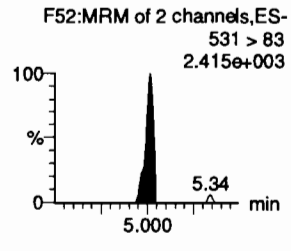
L-PFOS



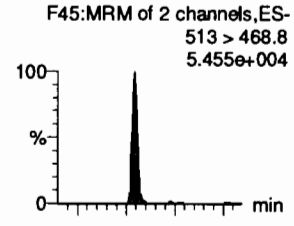


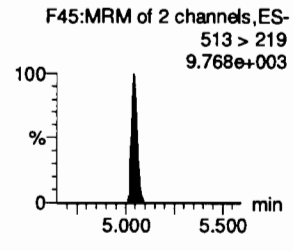
9Cl-PF30NS



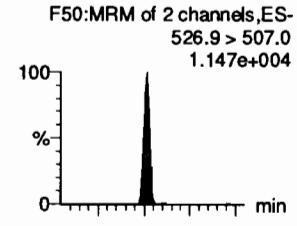


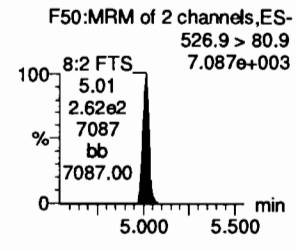
PFDA



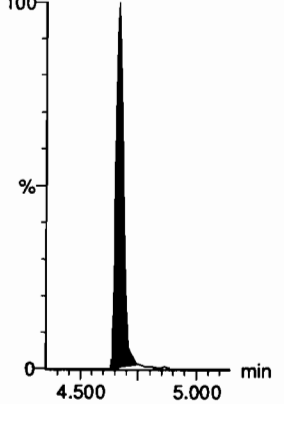


8:2 FTS

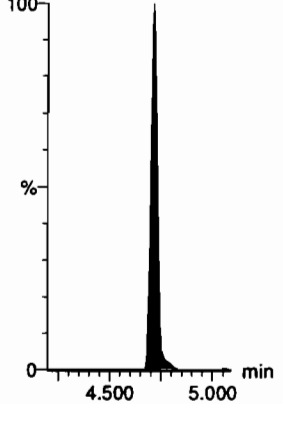




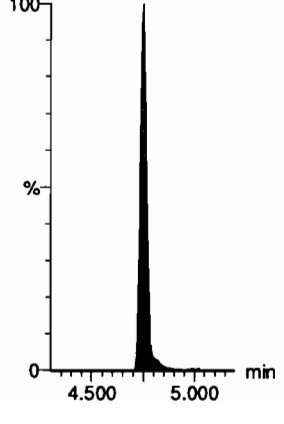
13C5-PFNA-EIS



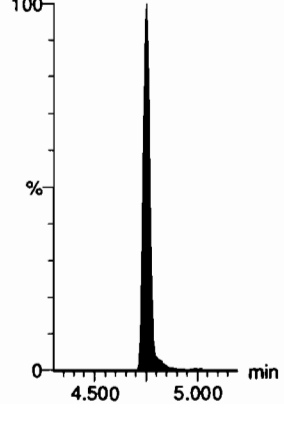
13C8-PFOSA-EIS



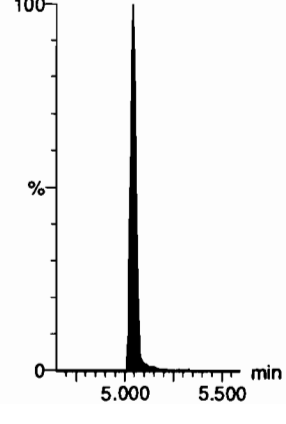
13C8-PFOS-EIS



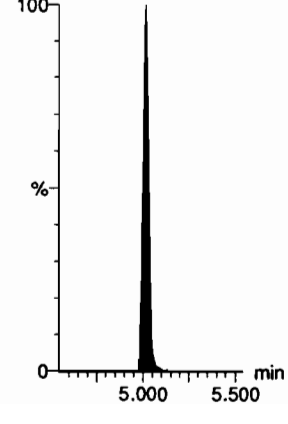
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS

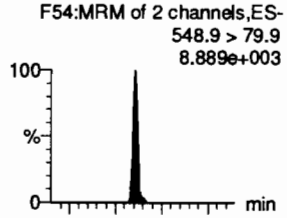


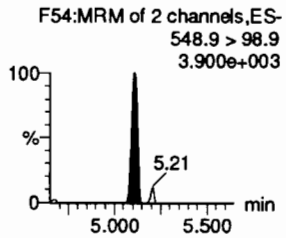
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

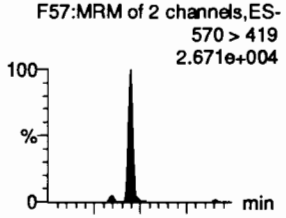
Name: 200709M1_5, Date: 09-Jul-2020, Time: 16:43:43, ID: ST200709M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

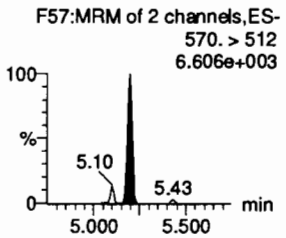
PFNS



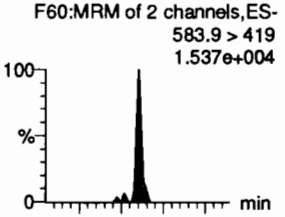


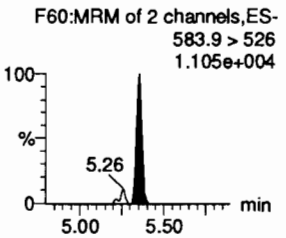
L-MeFOSAA



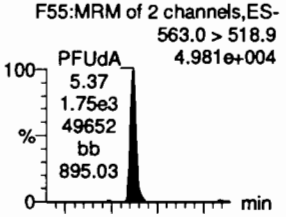


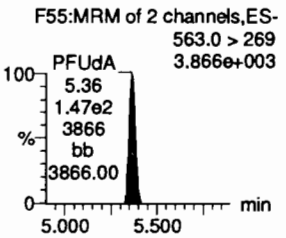
L-EtFOSAA



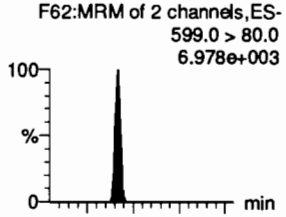


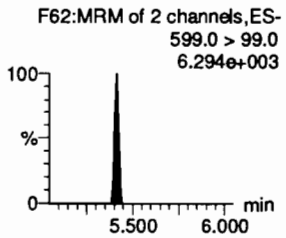
PFUdA



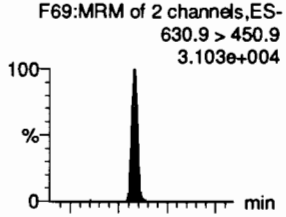


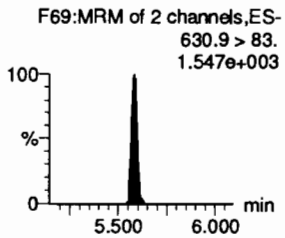
PFDS



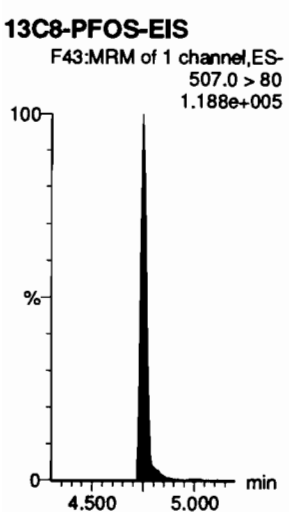


11Cl-PF30UdS

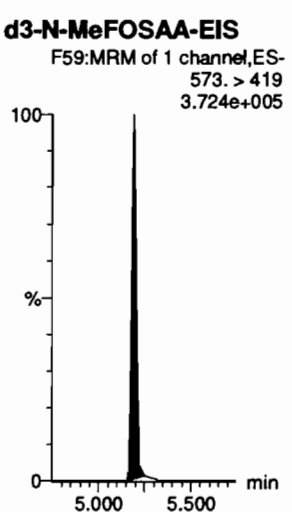




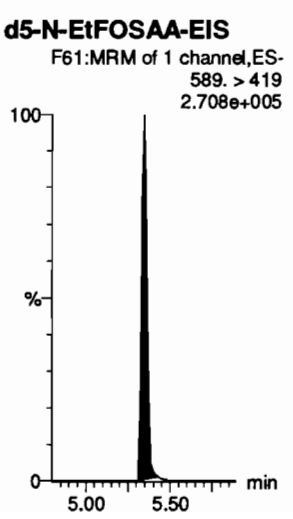
13C8-PFOS-EIS



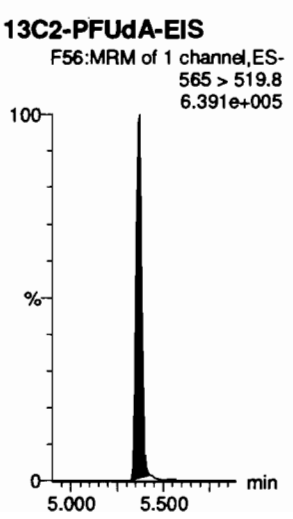
d3-N-MeFOSAA-EIS



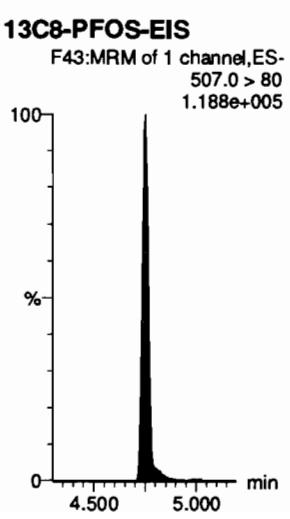
d5-N-EtFOSAA-EIS



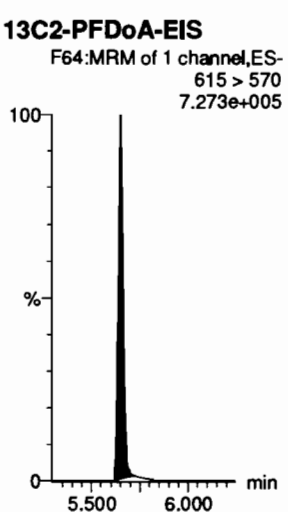
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

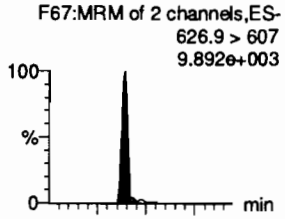


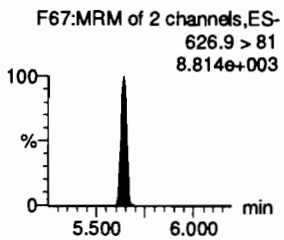
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

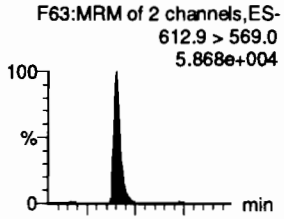
Name: 200709M1_5, Date: 09-Jul-2020, Time: 16:43:43, ID: ST200709M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

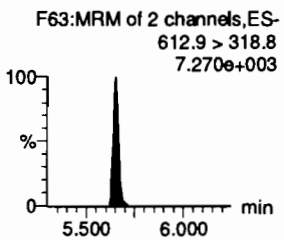
10:2 FTS



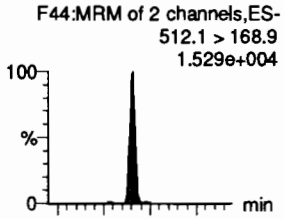


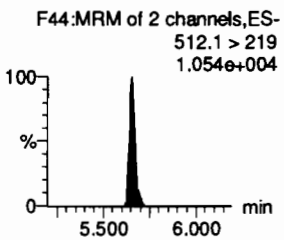
PFDoA



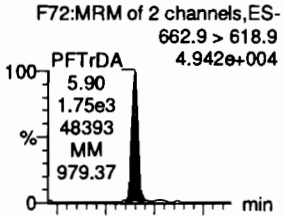


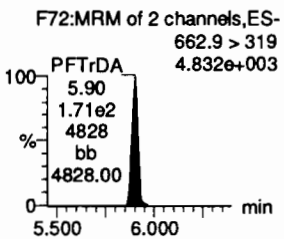
N-MeFOSA



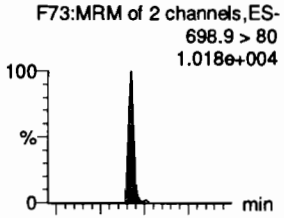


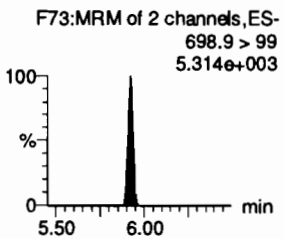
PFTrDA



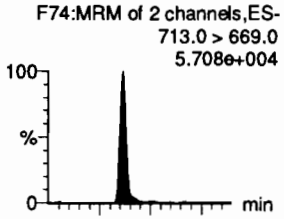


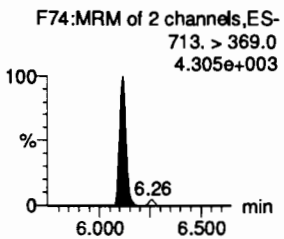
PFDoS



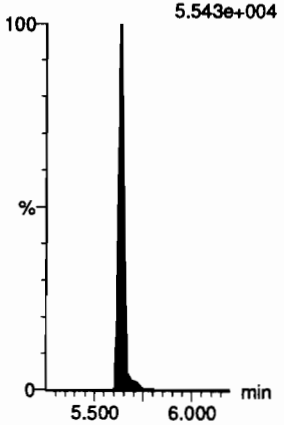


PFTeDA

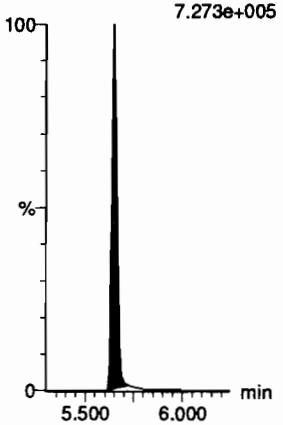




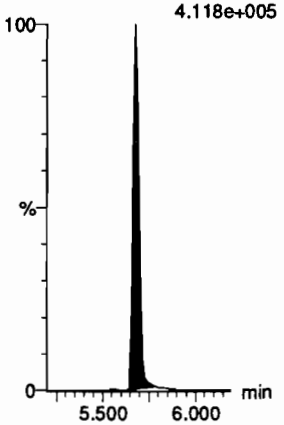
13C2-10:2 FTS-EIS



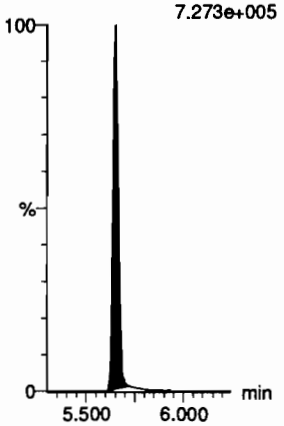
13C2-PFDoA-EIS



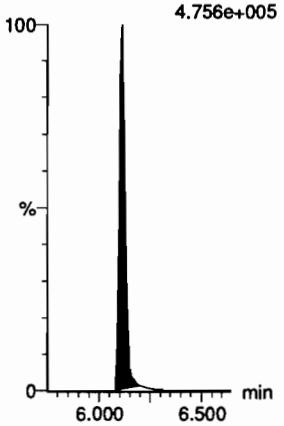
d3-N-MeFOSA-EIS



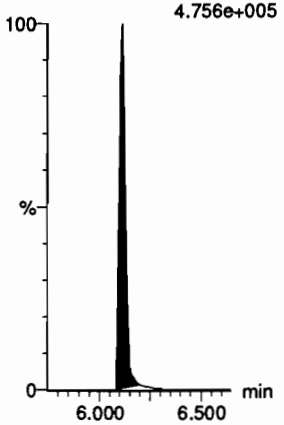
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

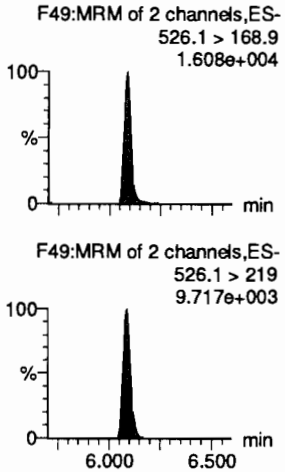


Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

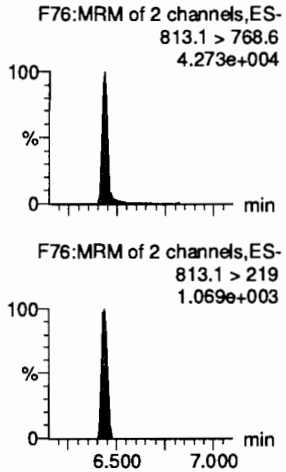
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_5, Date: 09-Jul-2020, Time: 16:43:43, ID: ST200709M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

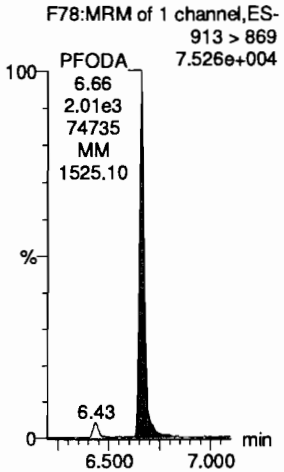
N-EtFOSA



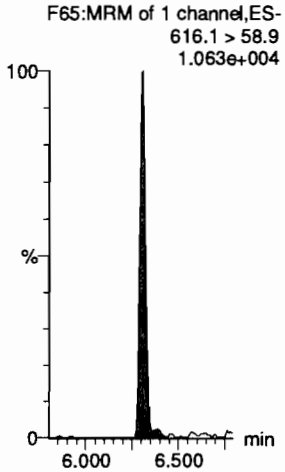
PFHxDA



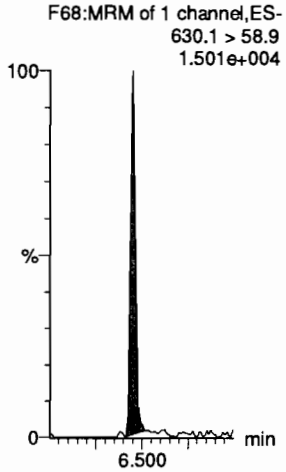
PFODA



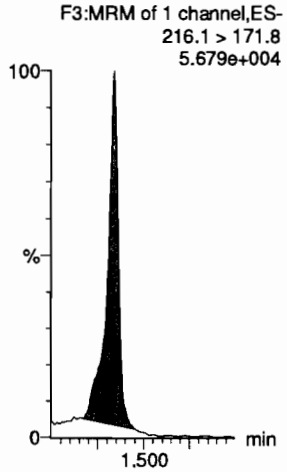
N-MeFOSE



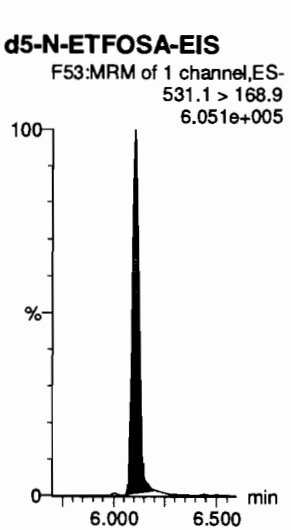
N-EtFOSE



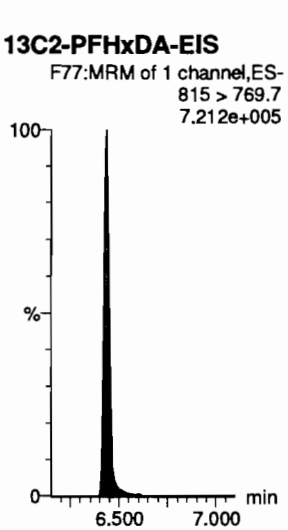
13C3-PFBA-RSD



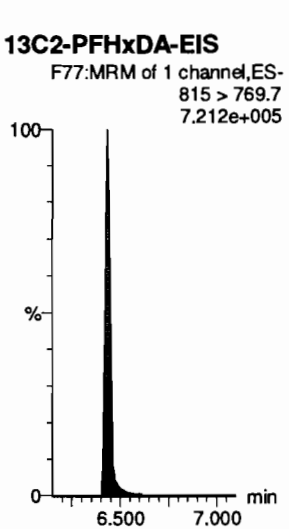
d5-N-ETFOSA-EIS



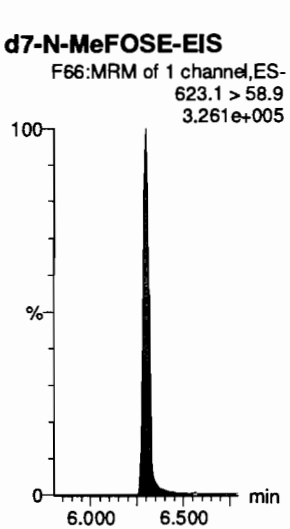
13C2-PFHxDA-EIS



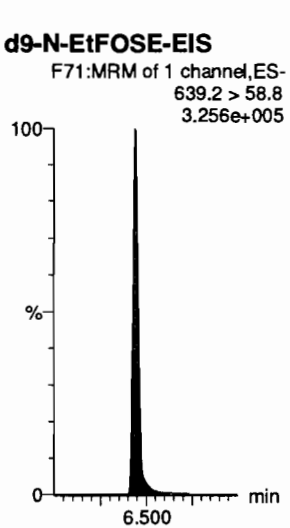
13C2-PFHxDA-EIS



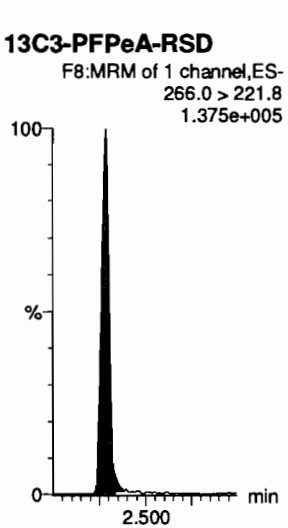
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD

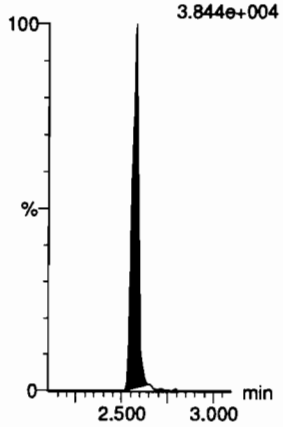


Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

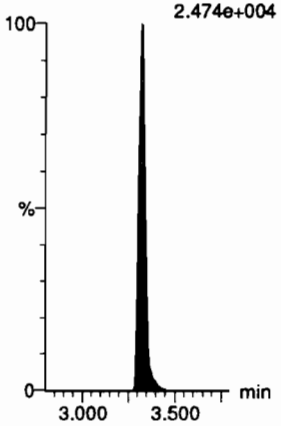
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_5, Date: 09-Jul-2020, Time: 16:43:43, ID: ST200709M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

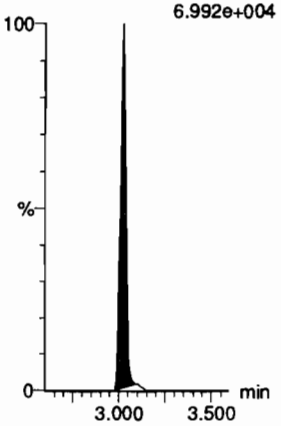
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.844e+004



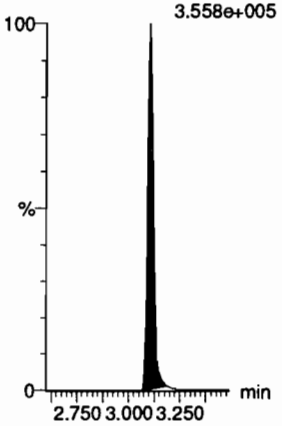
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.474e+004



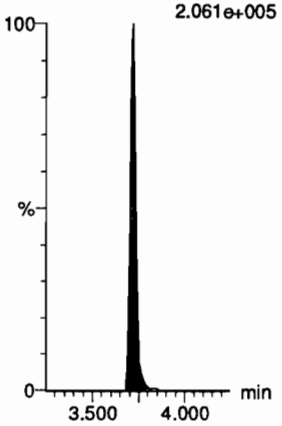
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.992e+004



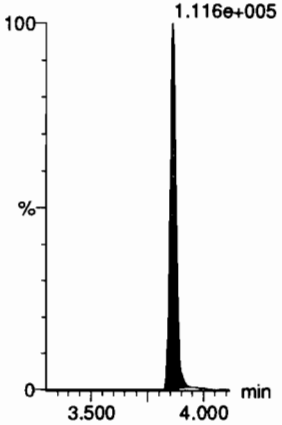
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.558e+005



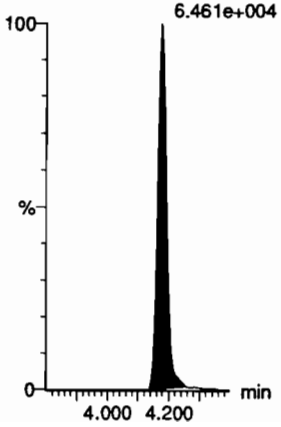
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.061e+005



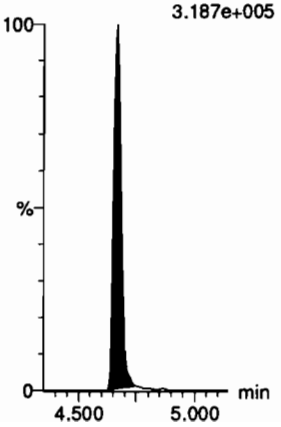
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.116e+005



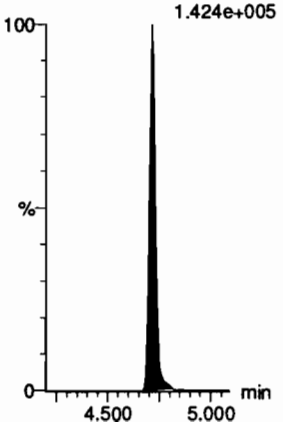
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.461e+004



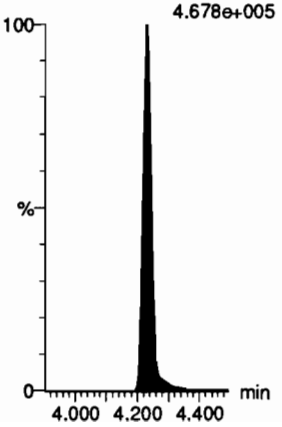
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.187e+005



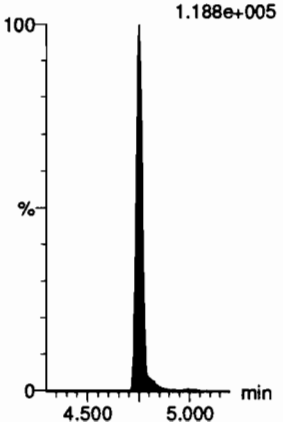
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.424e+005



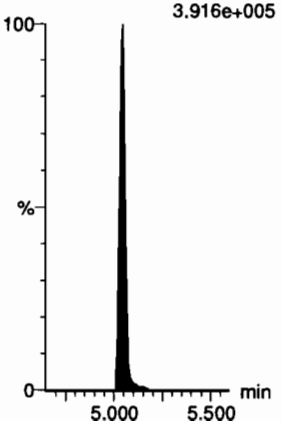
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.678e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.188e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.916e+005



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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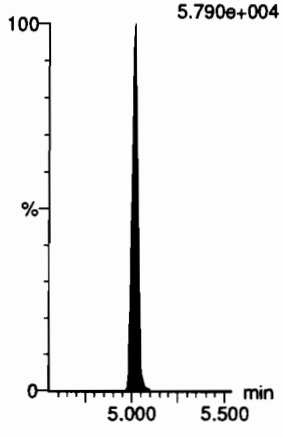
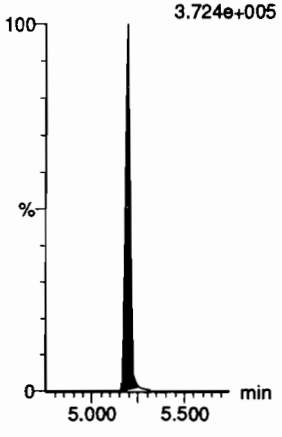
Name: 200709M1_5, Date: 09-Jul-2020, Time: 16:43:43, ID: ST200709M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

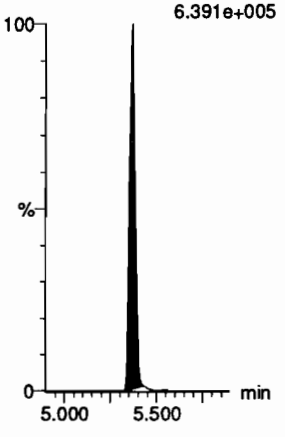
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
5.790e+004



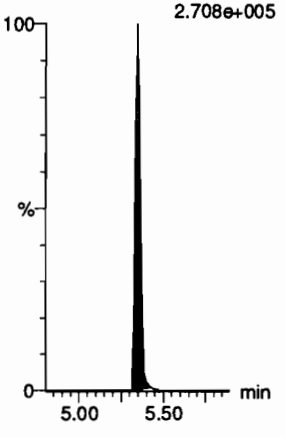
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.724e+005



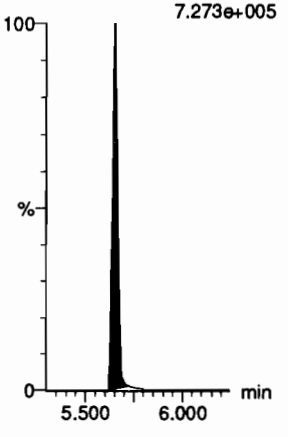
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.391e+005



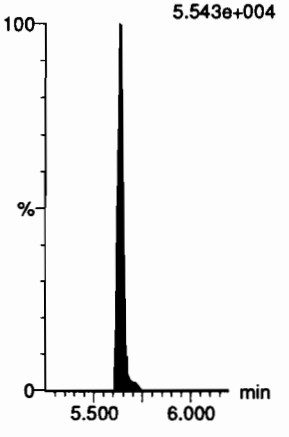
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.708e+005



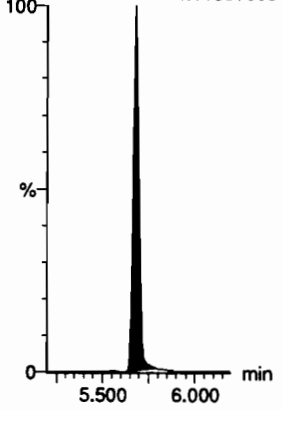
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
7.273e+005



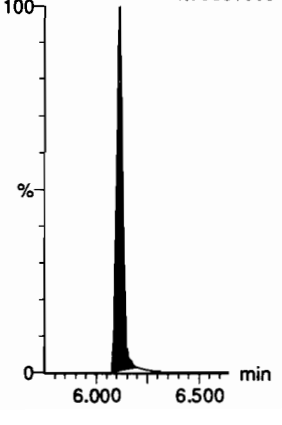
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.543e+004



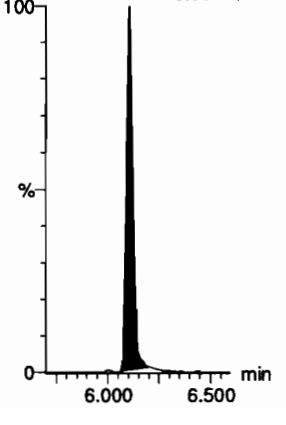
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.118e+005



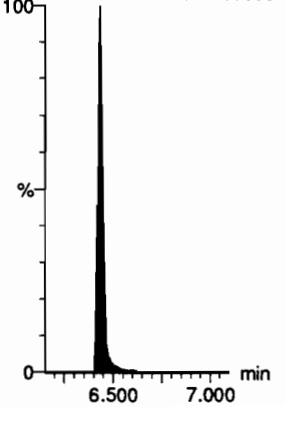
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.756e+005



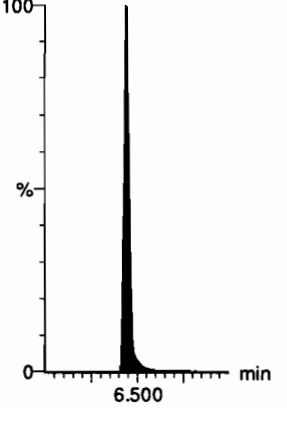
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.051e+005



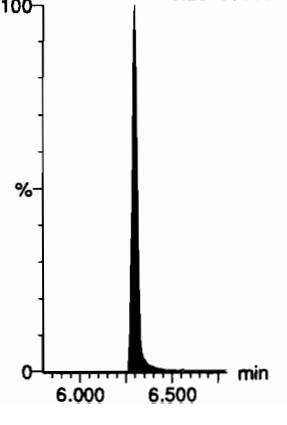
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.212e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.256e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.261e+005



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

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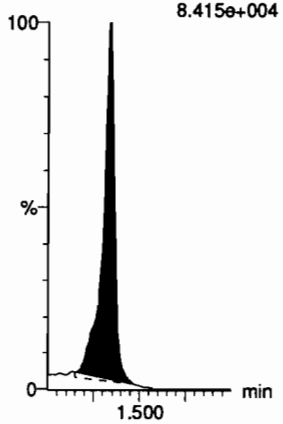
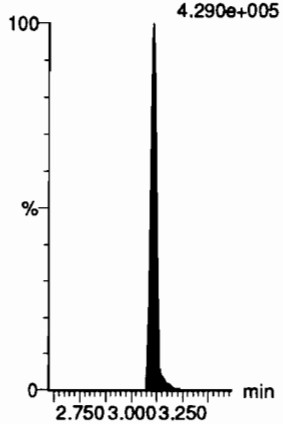
Name: 200709M1_5, Date: 09-Jul-2020, Time: 16:43:43, ID: ST200709M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

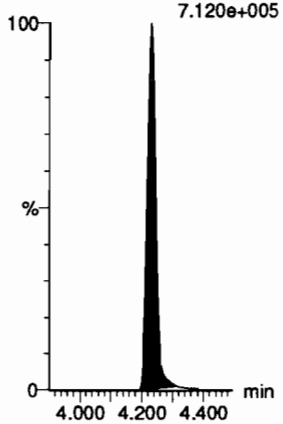
13C4-PFBA



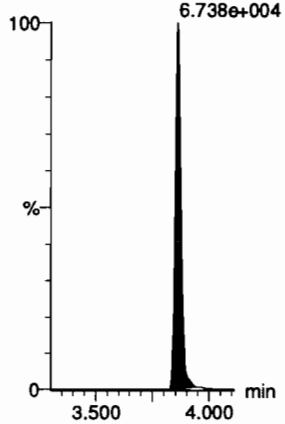
13C5-PFHxA



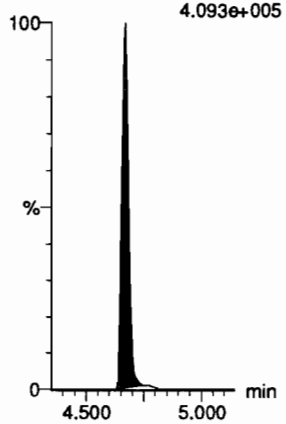
13C8-PFOA



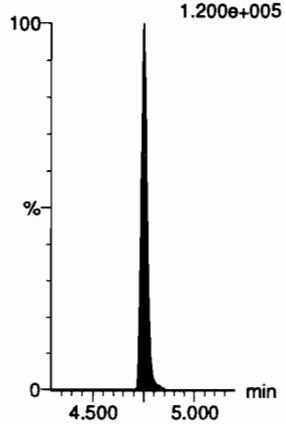
18O2-PFHxS



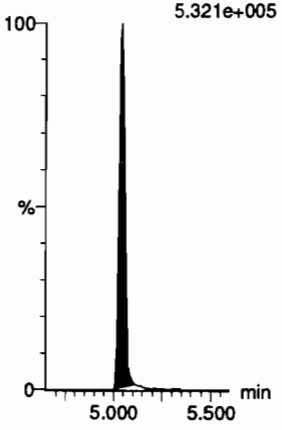
13C9-PFNA



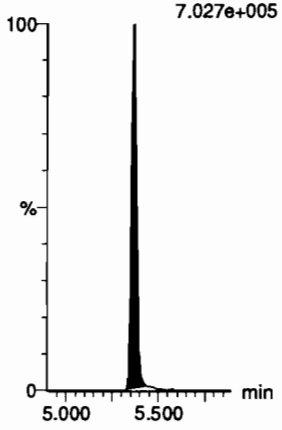
13C4-PFOS



13C6-PFDA



13C7-PFUdA

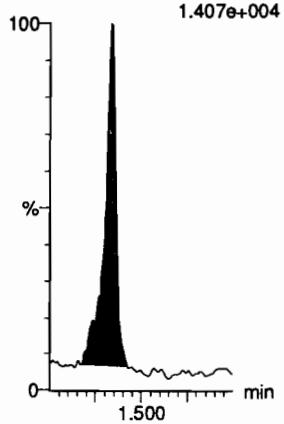


Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

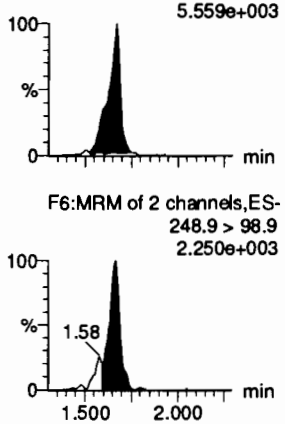
Last Altered: Friday, July 10, 2020 10:12:26 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:12:46 Pacific Daylight Time

Name: 200709M1_6, Date: 09-Jul-2020, Time: 16:54:09, ID: ST200709M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

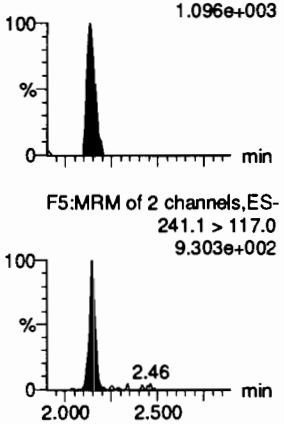
PFBA



PFPrS

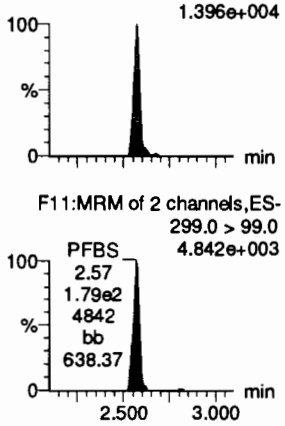


3:3 FTCA

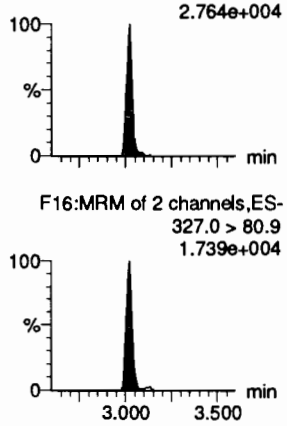


PFPeA

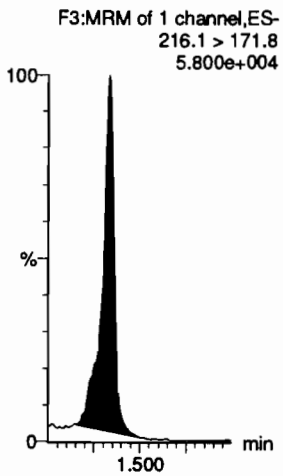
PFBS



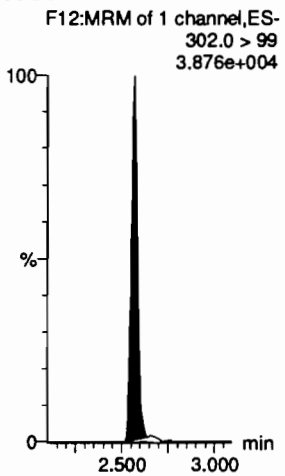
4:2 FTS



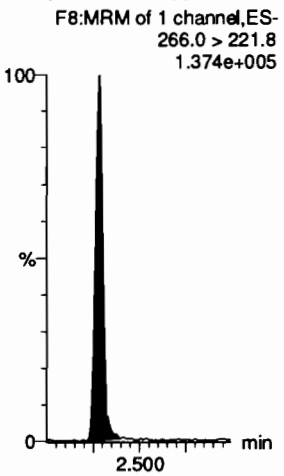
13C3-PFBA-EIS



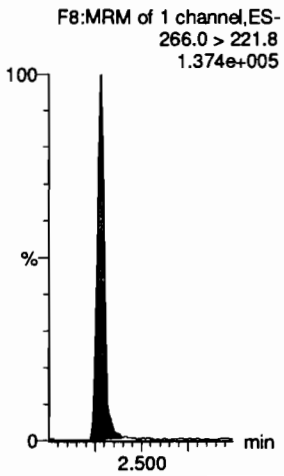
13C3-PFBS-EIS



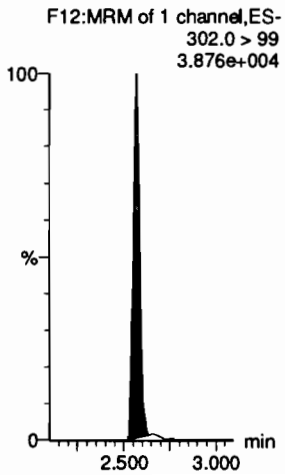
13C3-PFPeA-EIS



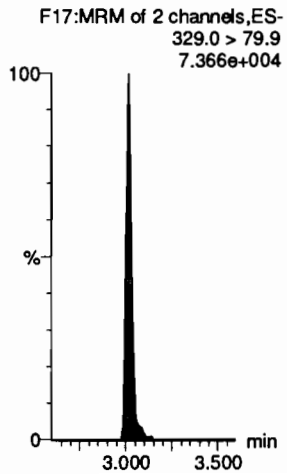
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

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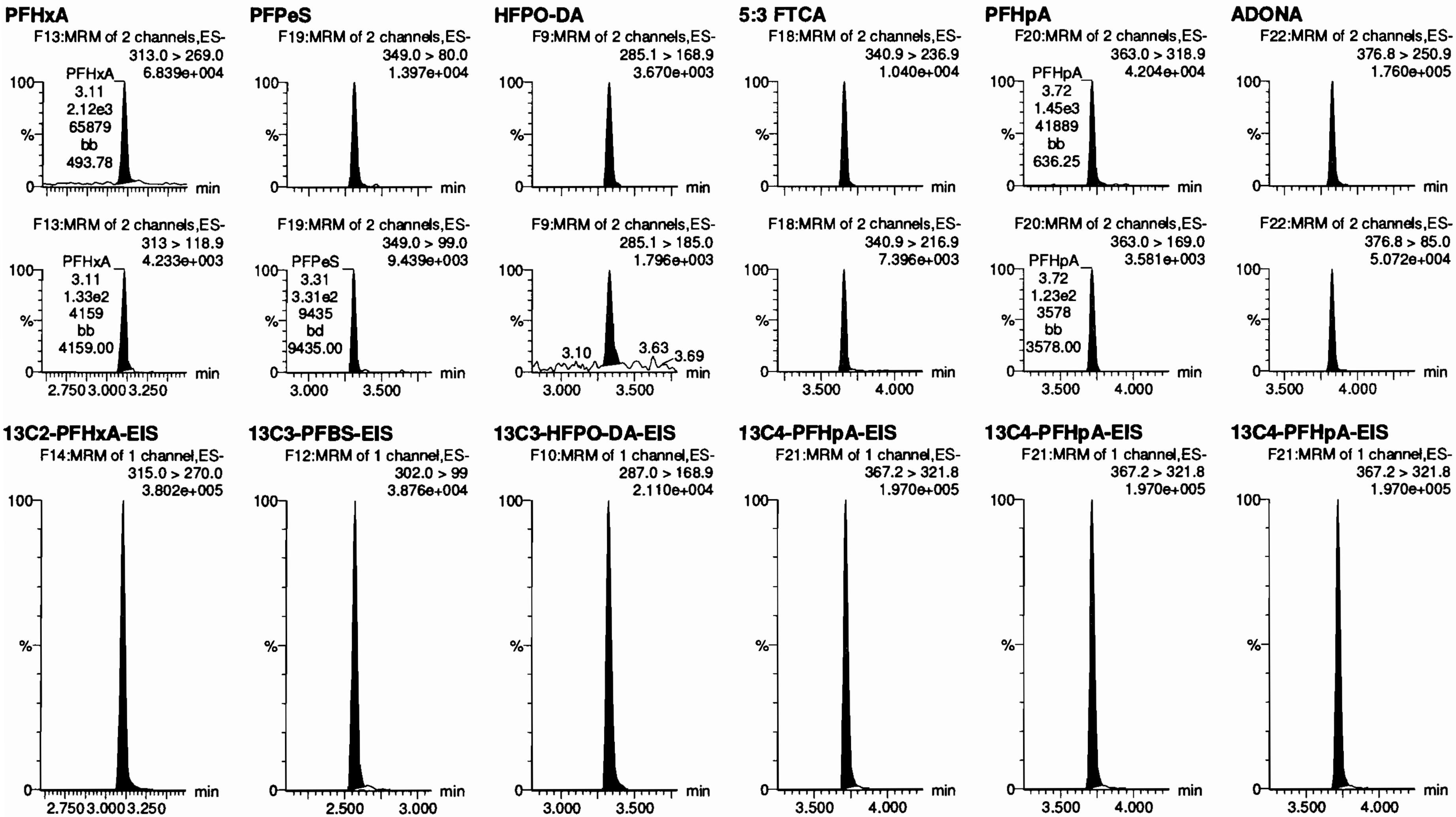
Name: 200709M1_6, Date: 09-Jul-2020, Time: 16:54:09, ID: ST200709M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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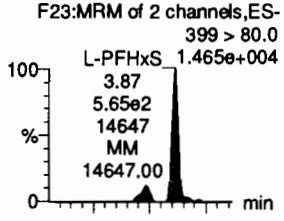
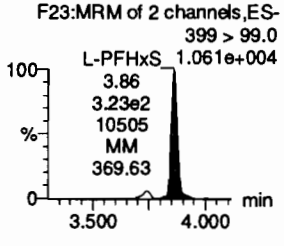
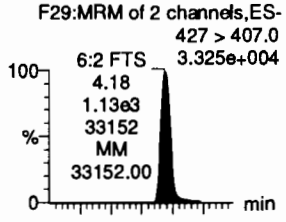
Name: 200709M1_6, Date: 09-Jul-2020, Time: 16:54:09, ID: ST200709M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

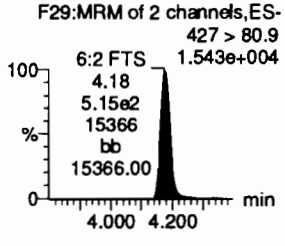
L-PFHxS



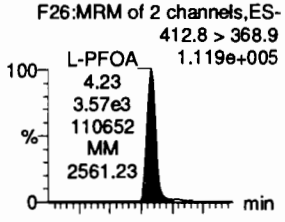


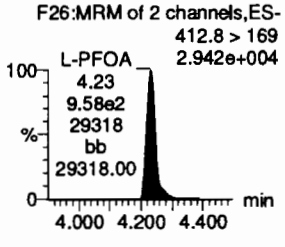
6:2 FTS



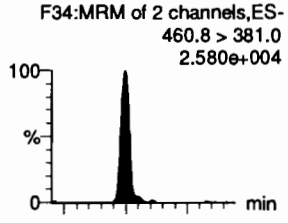


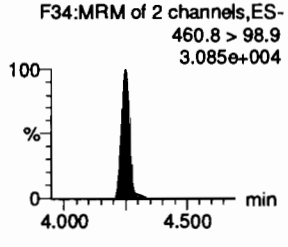
L-PFOA



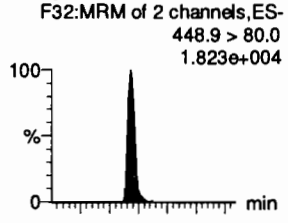


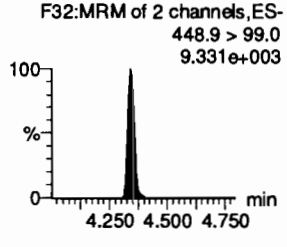
PFEChS



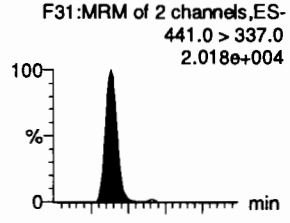


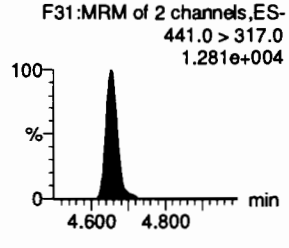
PFHpS



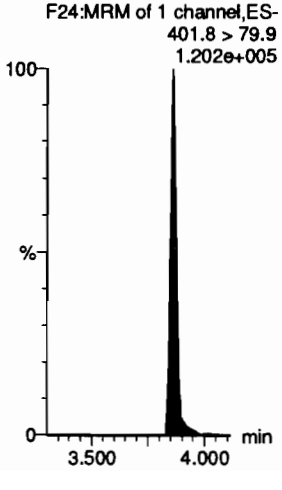


7:3 FTCA

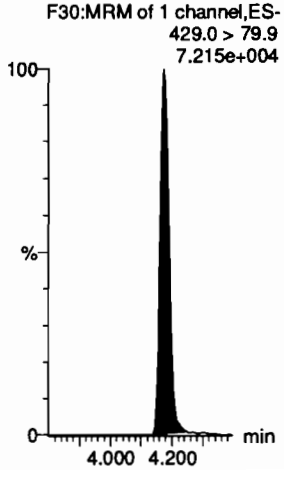




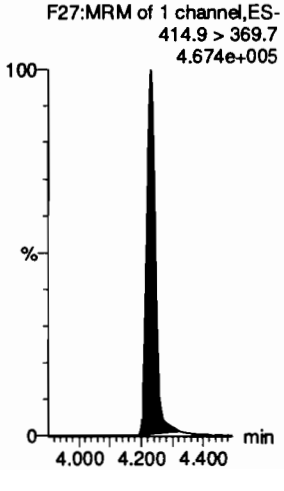
13C3-PFHxS-EIS



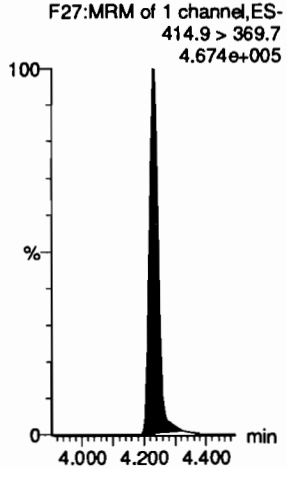
13C2-6:2 FTS-EIS



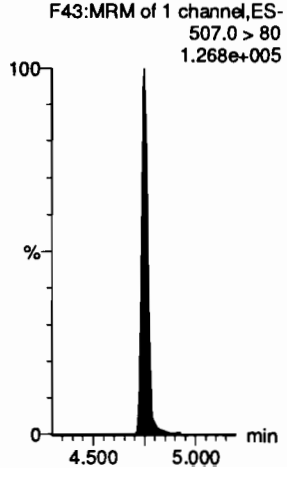
13C2-PFOA-EIS



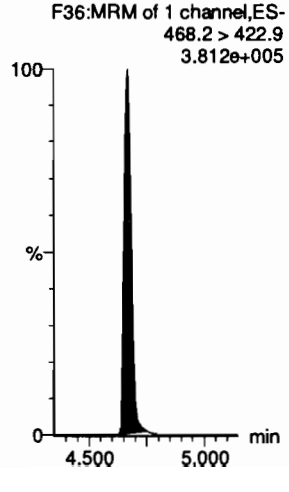
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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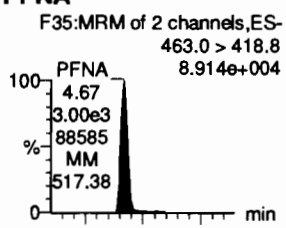
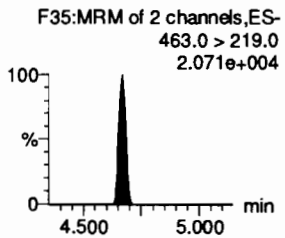
Name: 200709M1_6, Date: 09-Jul-2020, Time: 16:54:09, ID: ST200709M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

PFNA





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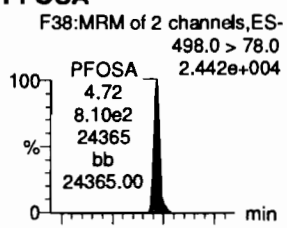
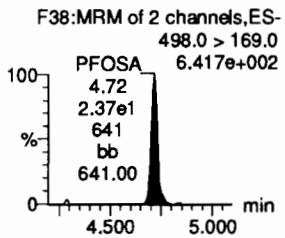
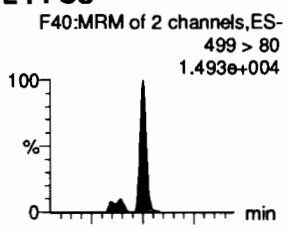
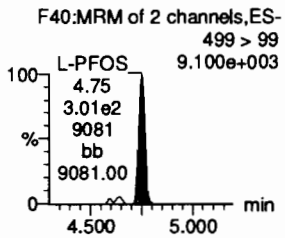


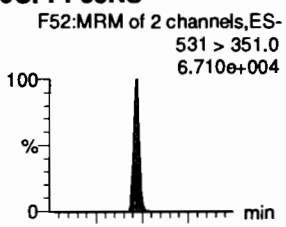


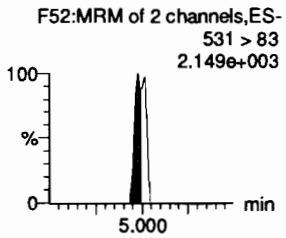
L-PFOS



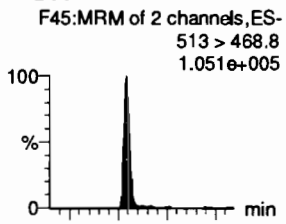


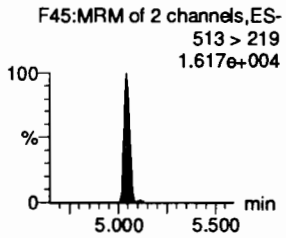
9Cl-PF30NS



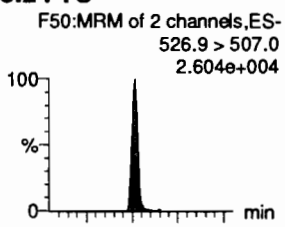


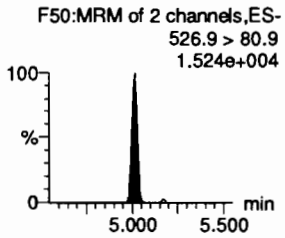
PFDA



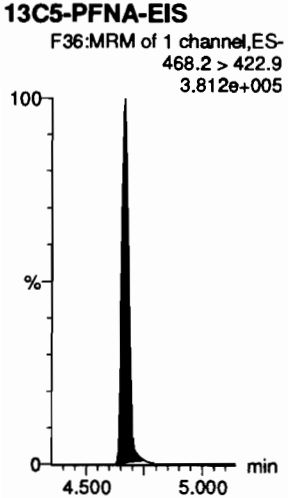


8:2 FTS

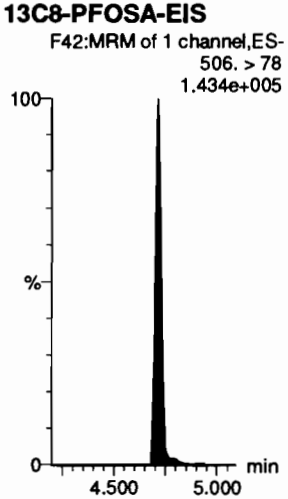




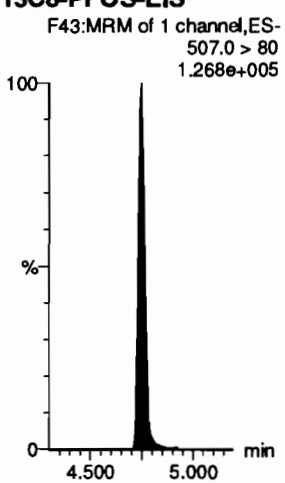
13C5-PFNA-EIS



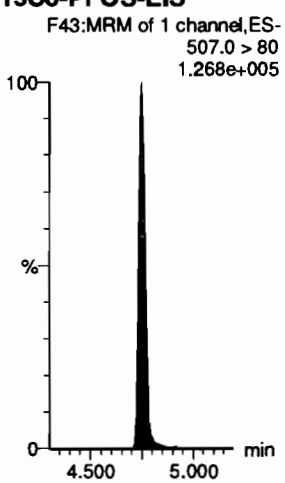
13C8-PFOSA-EIS



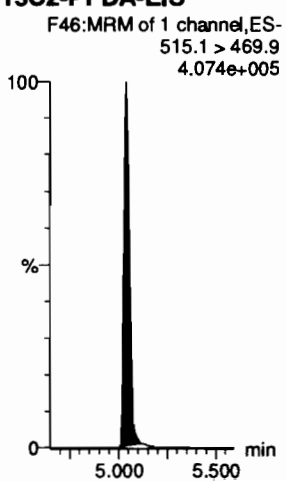
13C8-PFOS-EIS



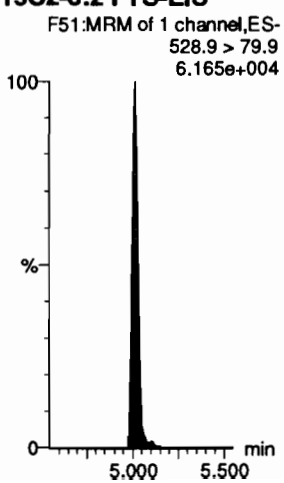
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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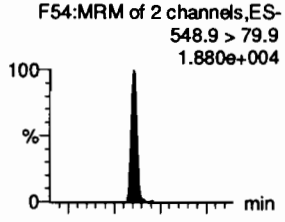
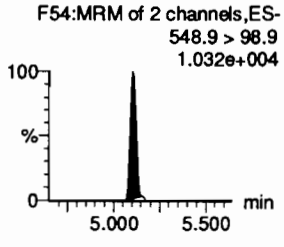
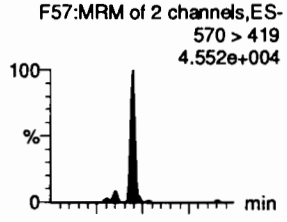
Name: 200709M1_6, Date: 09-Jul-2020, Time: 16:54:09, ID: ST200709M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

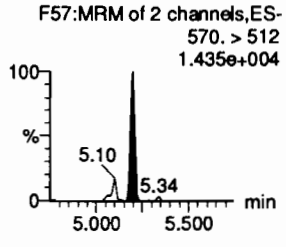
PFNS



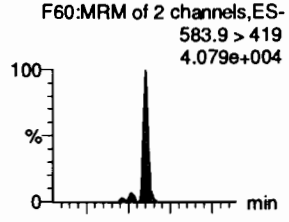


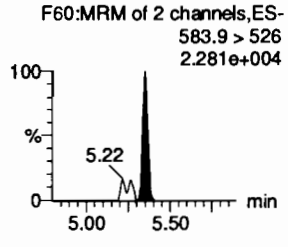
L-MeFOSAA



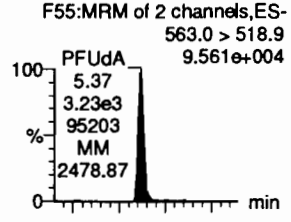


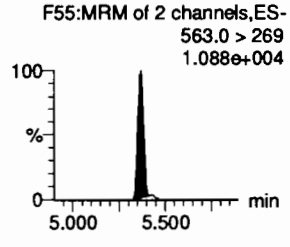
L-EtFOSAA



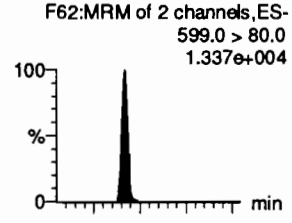


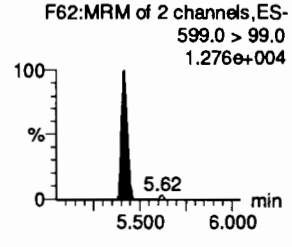
PFUdA



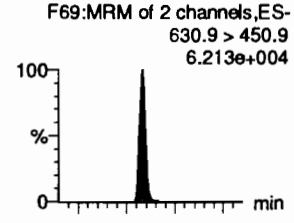


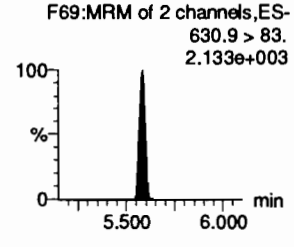
PFDS



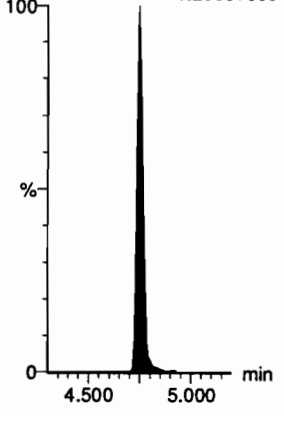


11Cl-PF30UdS

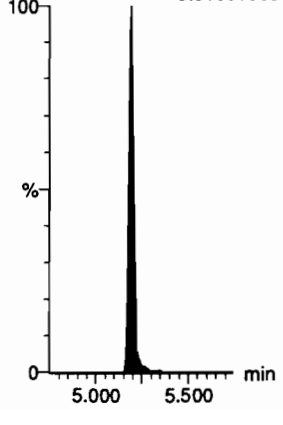




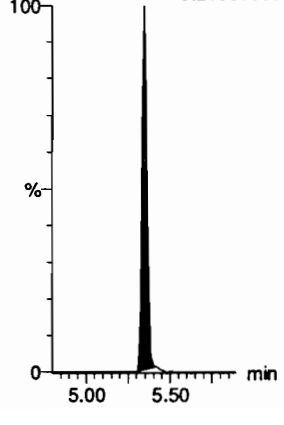
13C8-PFOS-EIS



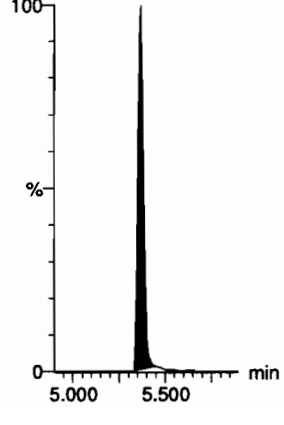
d3-N-MeFOSAA-EIS



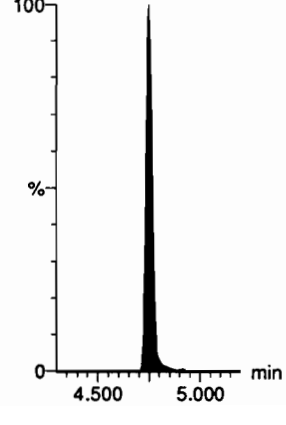
d5-N-EtFOSAA-EIS



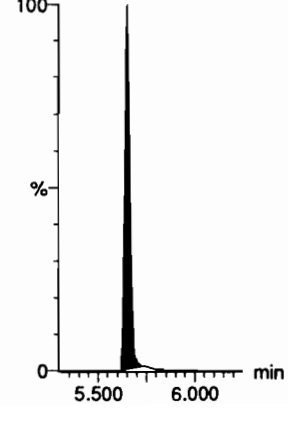
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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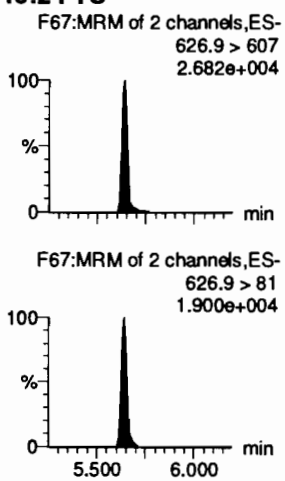
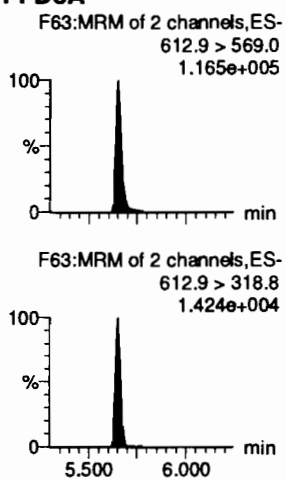
Name: 200709M1_6, Date: 09-Jul-2020, Time: 16:54:09, ID: ST200709M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

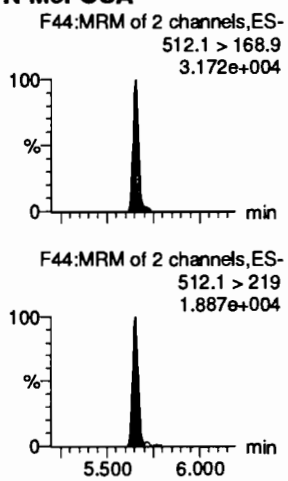
10:2 FTS



PFDoA



N-MeFOSA



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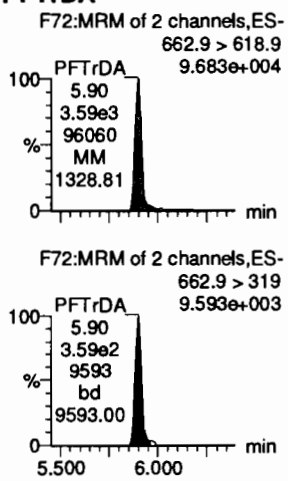
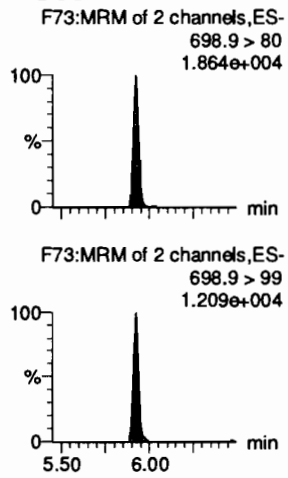
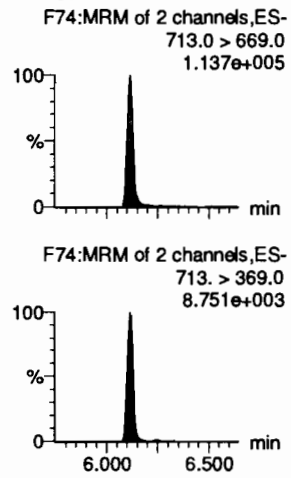


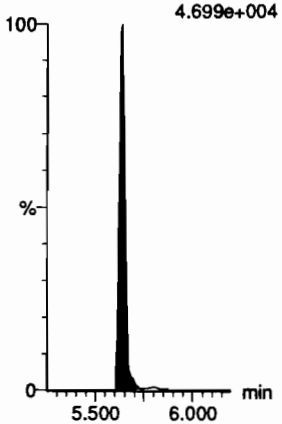
PFDoS



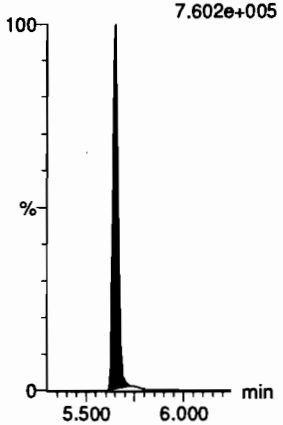
PFTeDA



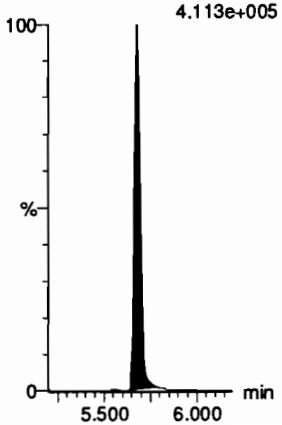
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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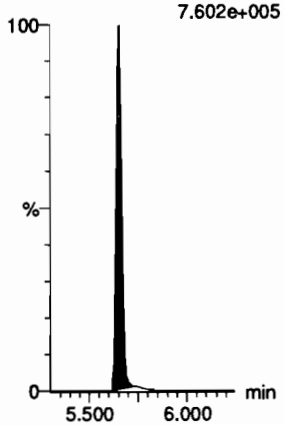

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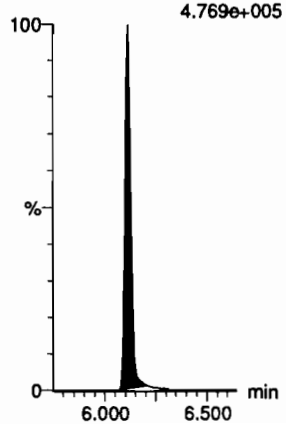

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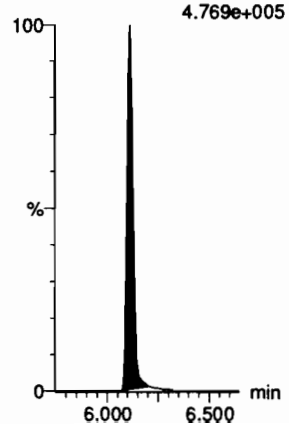

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

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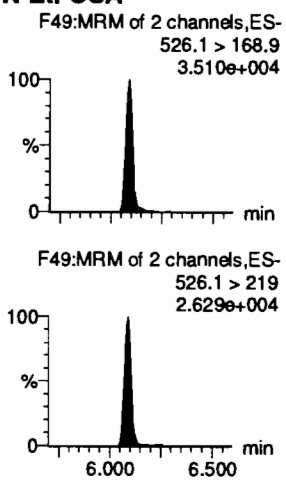
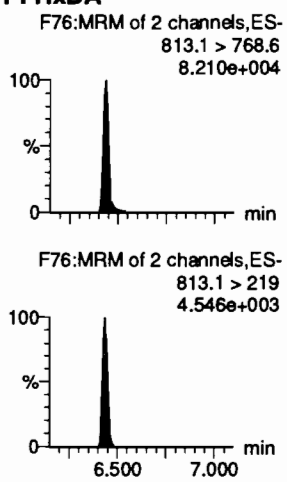
Name: 200709M1_6, Date: 09-Jul-2020, Time: 16:54:09, ID: ST200709M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

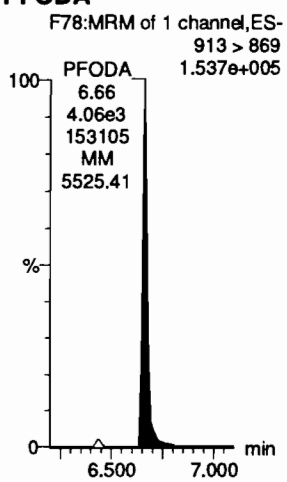
N-EtFOSA



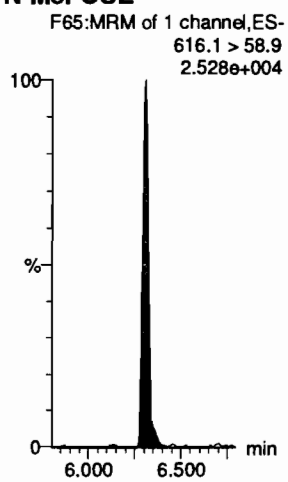
PFHxDA



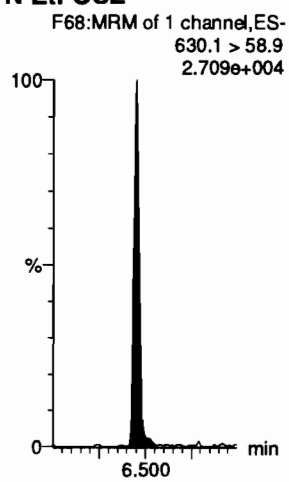
PFODA



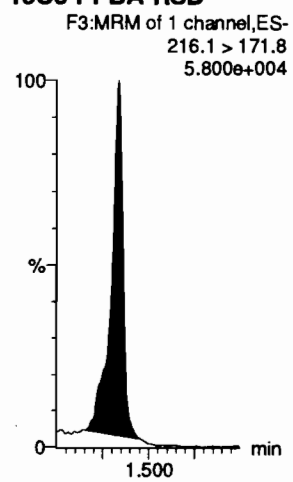
N-MeFOSE



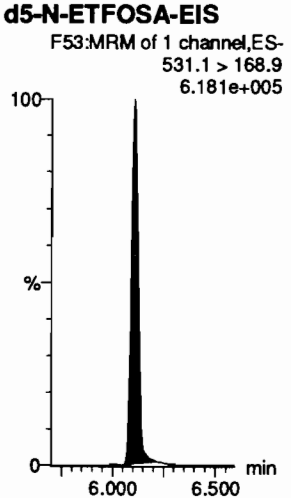
N-EtFOSE



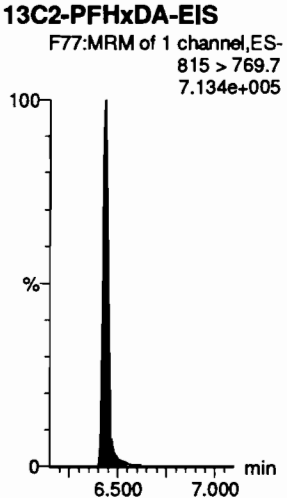
13C3-PFBA-RSD



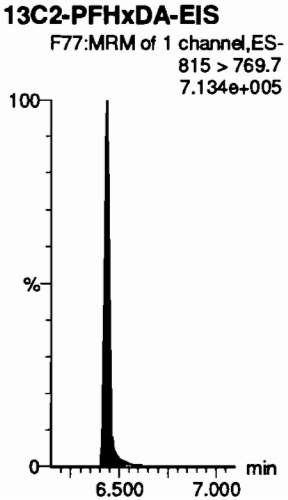
d5-N-ETFOSA-EIS



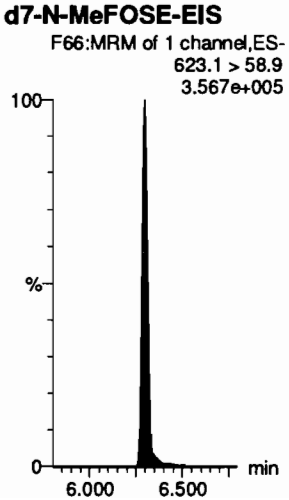
13C2-PFHxDA-EIS



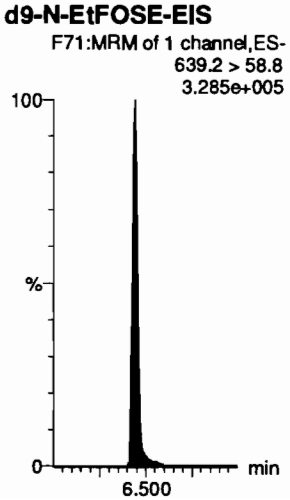
13C2-PFHxDA-EIS



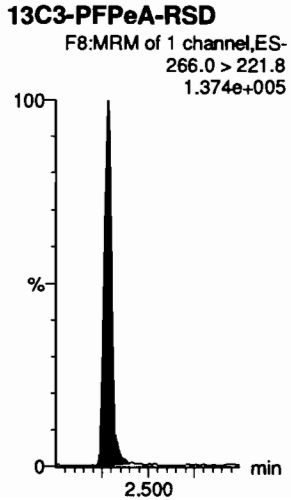
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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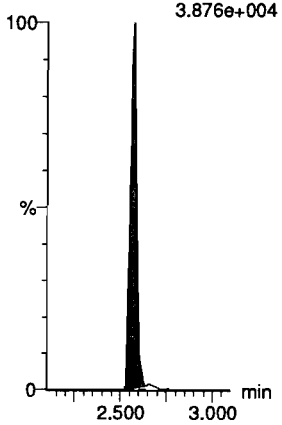
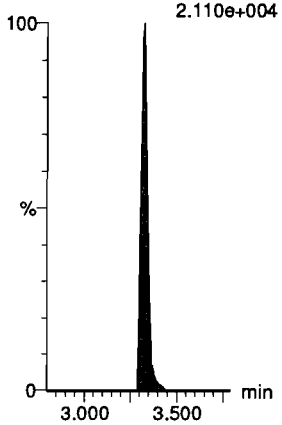
Name: 200709M1_6, Date: 09-Jul-2020, Time: 16:54:09, ID: ST200709M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

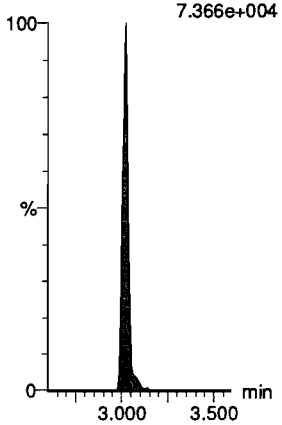
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.876e+004



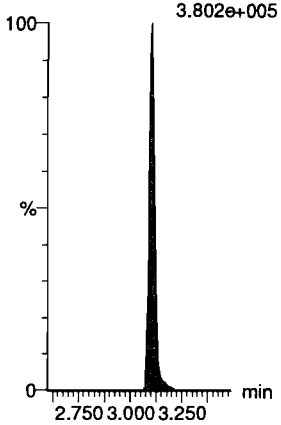
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.110e+004



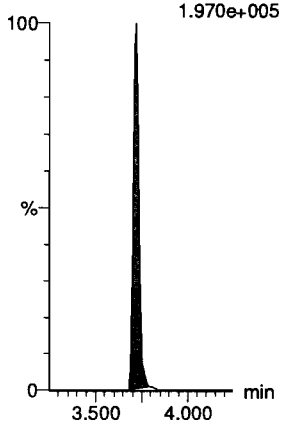
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.366e+004



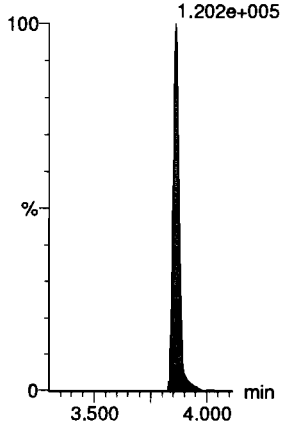
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.802e+005



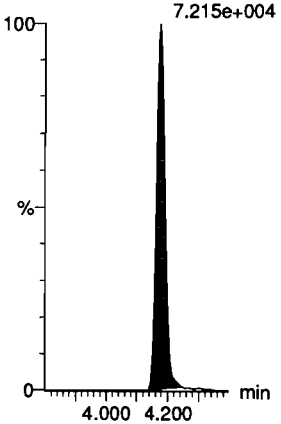
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.970e+005



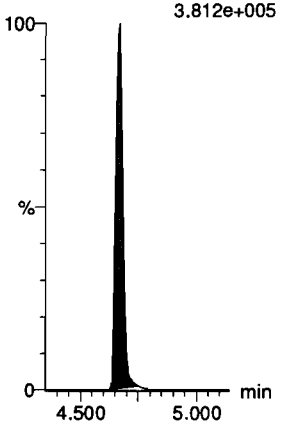
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.202e+005



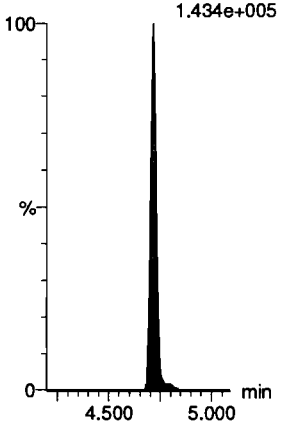
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
7.215e+004



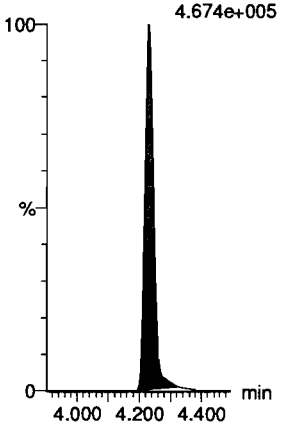
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.812e+005



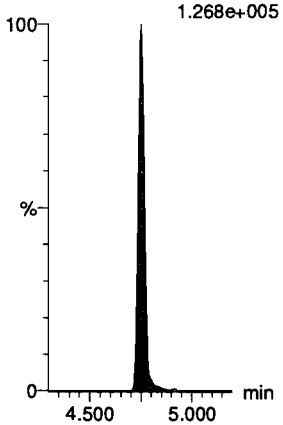
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.434e+005



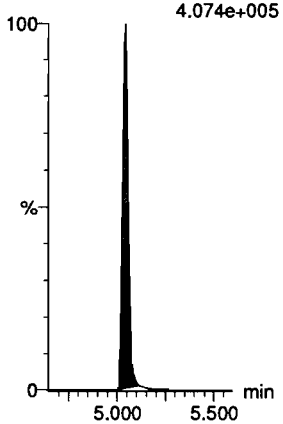
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.674e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.268e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.074e+005



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

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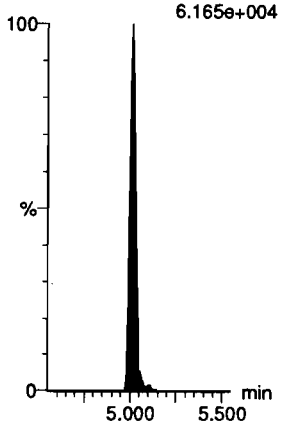
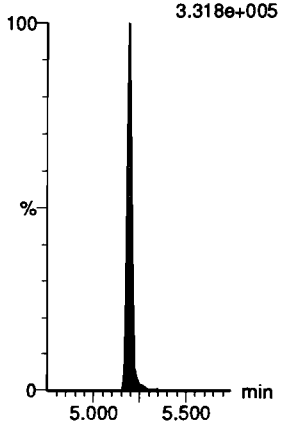
Name: 200709M1_6, Date: 09-Jul-2020, Time: 16:54:09, ID: ST200709M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.165e+004

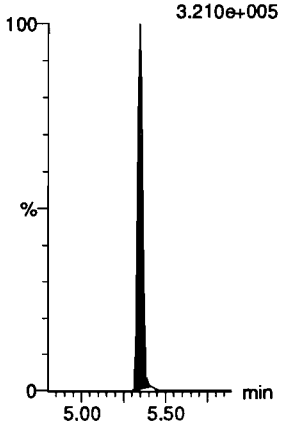


d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.318e+005

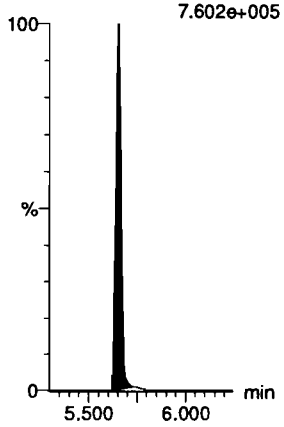


13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.119e+005

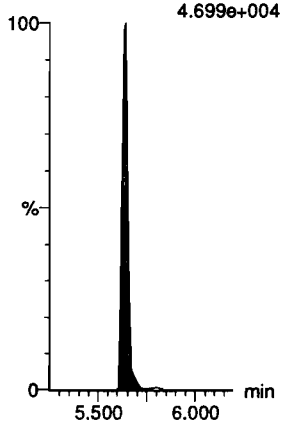
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
3.210e+005



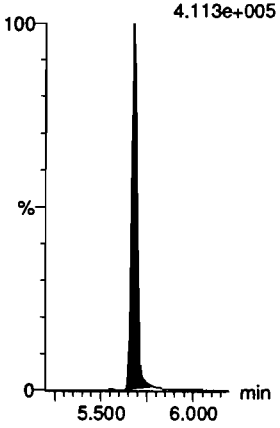
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
7.602e+005



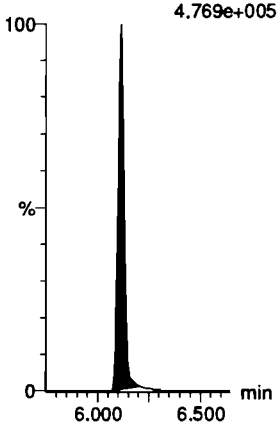
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.699e+004



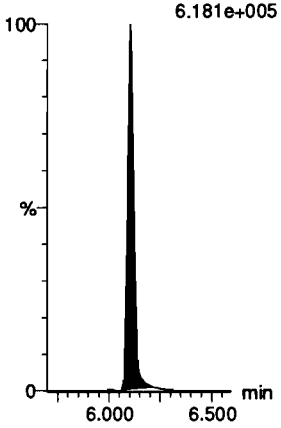
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.113e+005



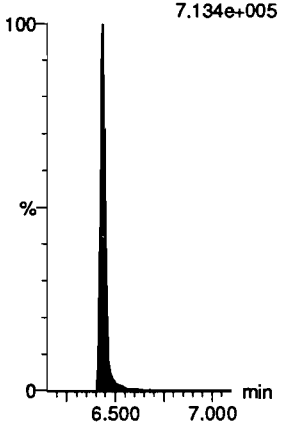
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.769e+005



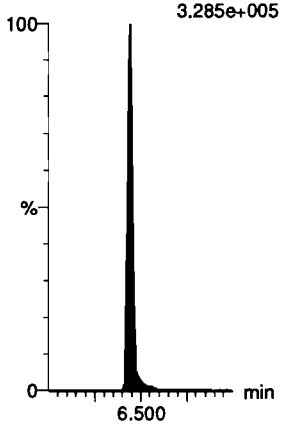
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.181e+005



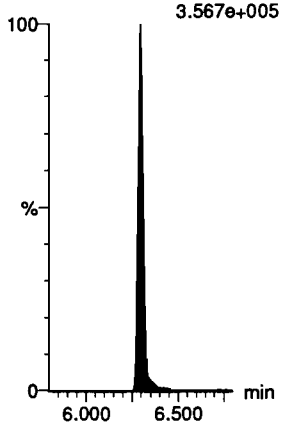
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.134e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.285e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.567e+005



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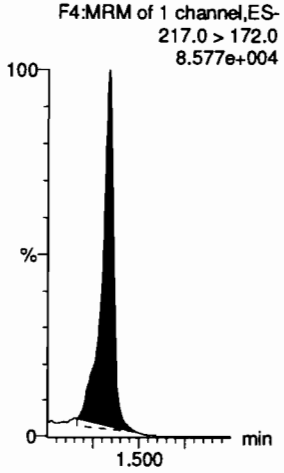
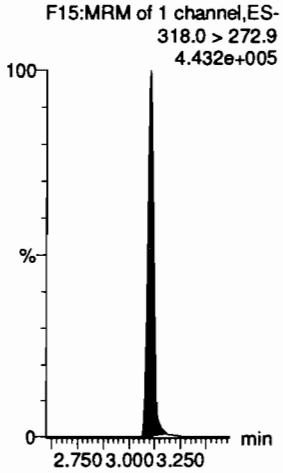
Name: 200709M1_6, Date: 09-Jul-2020, Time: 16:54:09, ID: ST200709M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

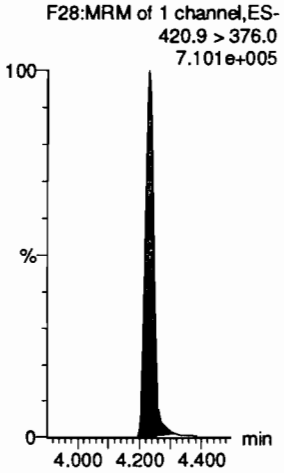
13C4-PFBA



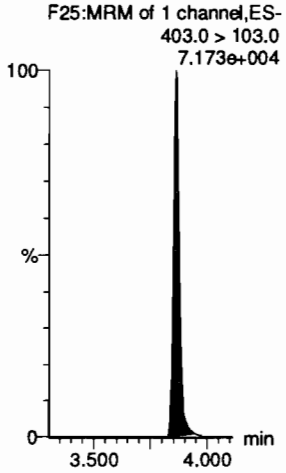
13C5-PFHxA



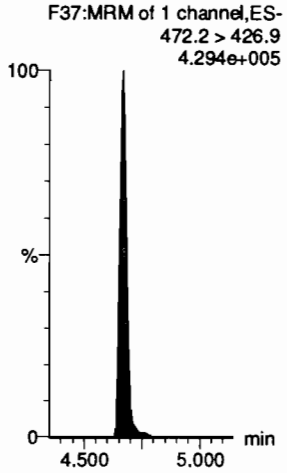
13C8-PFOA



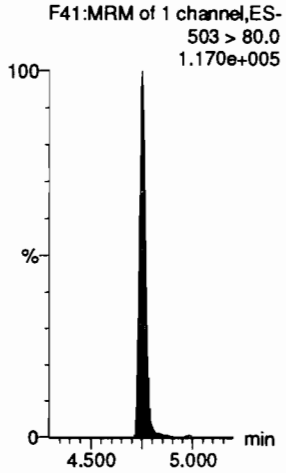
18O2-PFHxS



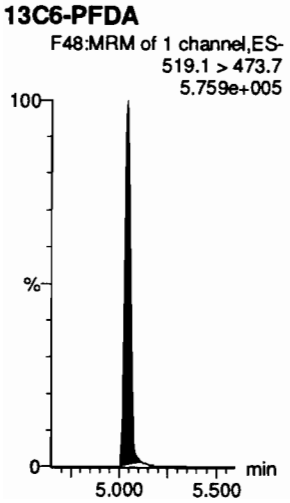
13C9-PFNA



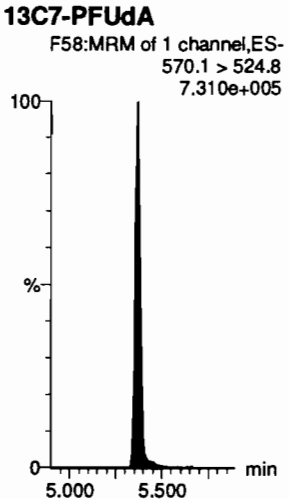
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

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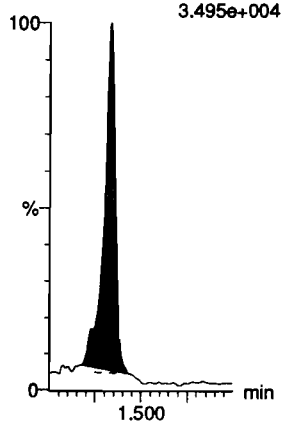
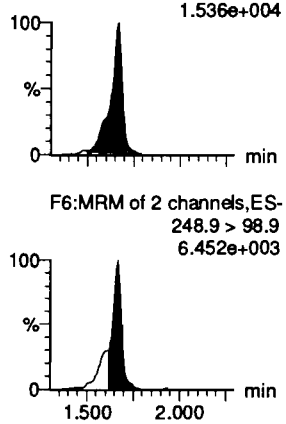
Name: 200709M1_7, Date: 09-Jul-2020, Time: 17:04:31, ID: ST200709M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

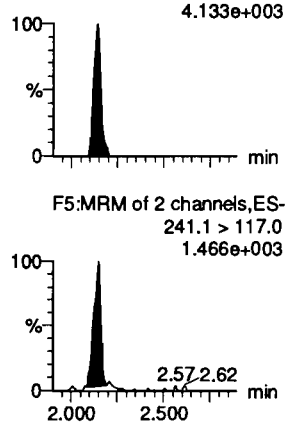
PFBA



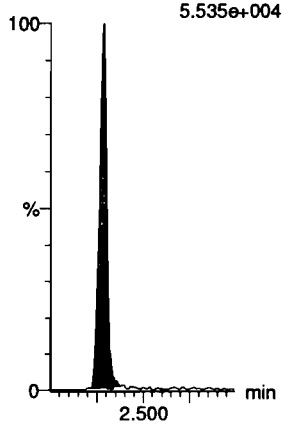
PFPrS



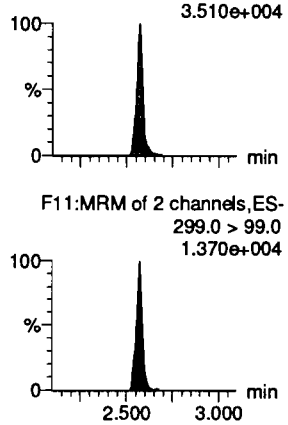
3:3 FTCA



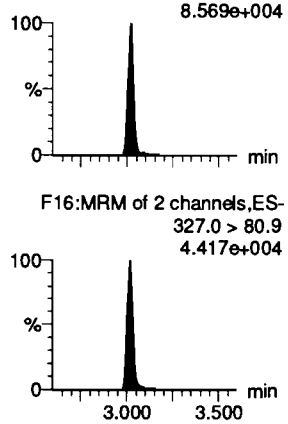
PFPeA



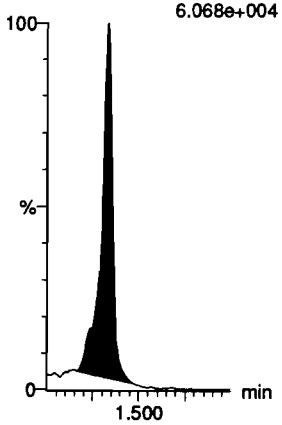
PFBS



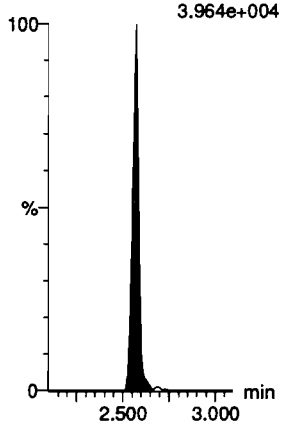
4:2 FTS



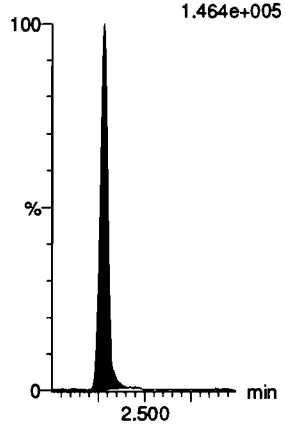
13C3-PFBA-EIS



13C3-PFBS-EIS



13C3-PFPeA-EIS



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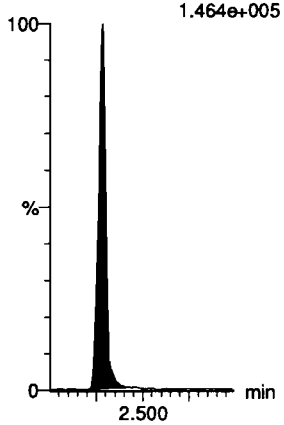

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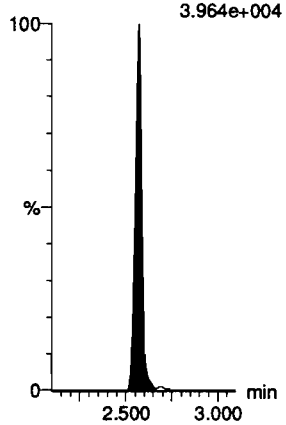
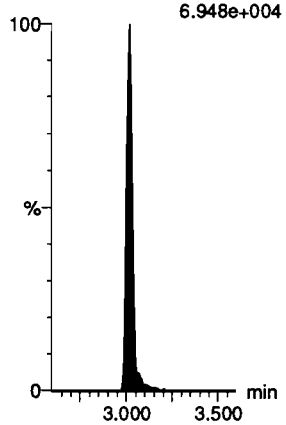


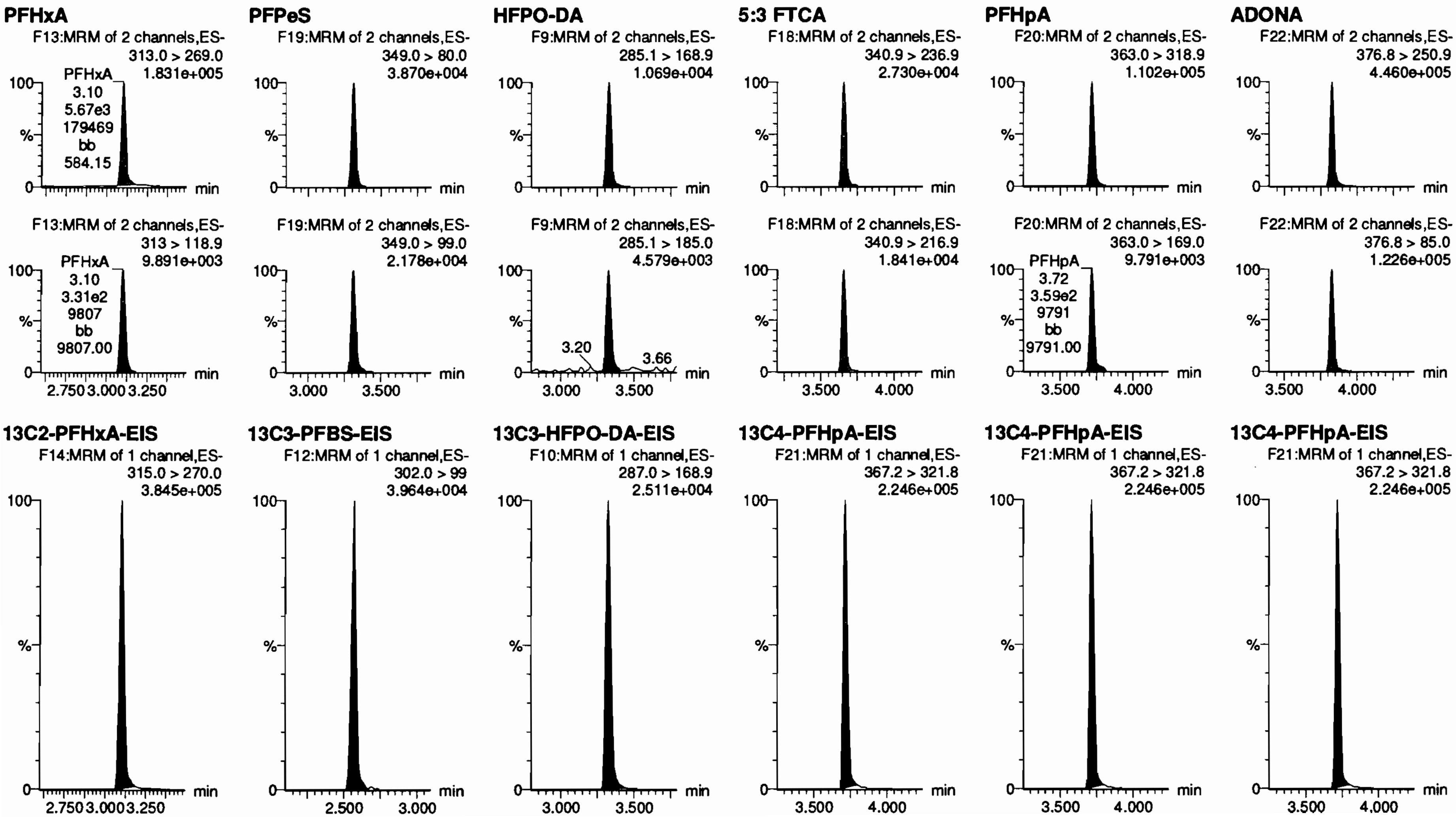
13C2-4:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_7, Date: 09-Jul-2020, Time: 17:04:31, ID: ST200709M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905



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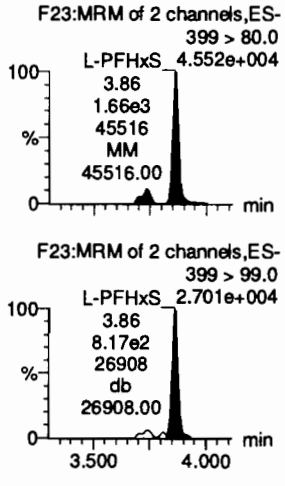
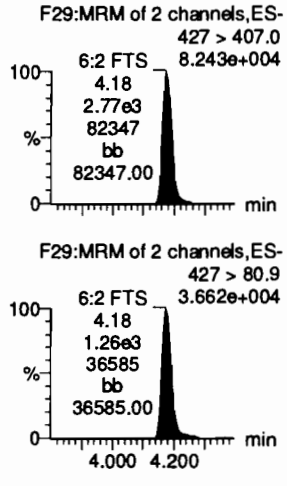
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_7, Date: 09-Jul-2020, Time: 17:04:31, ID: ST200709M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

L-PFHxS



6:2 FTS



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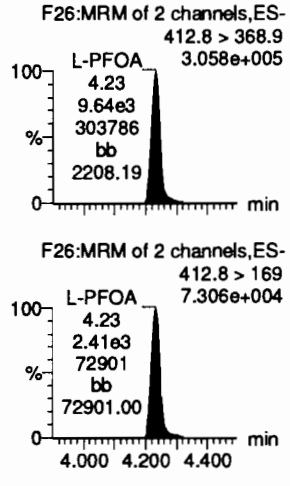

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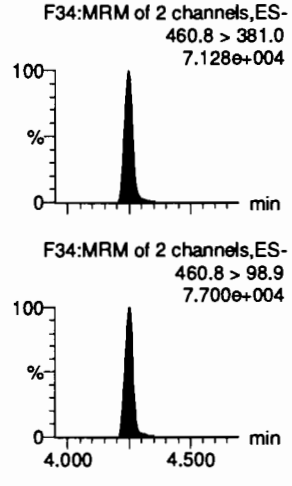

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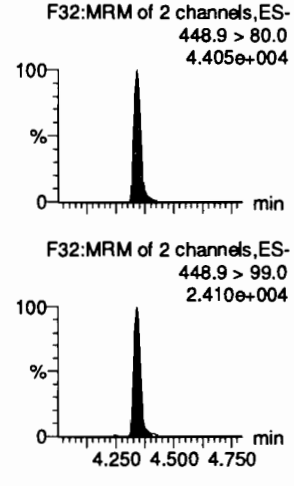
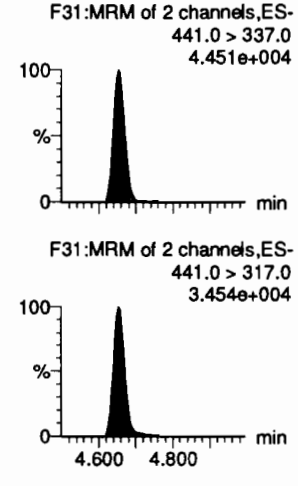
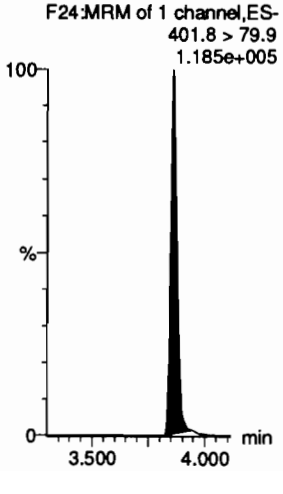


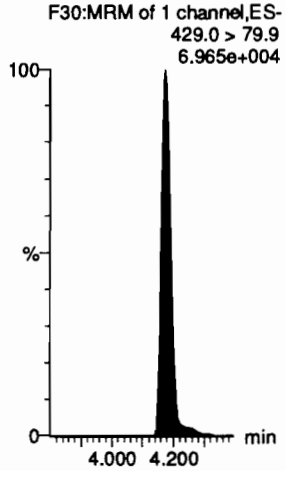
7:3 FTCA



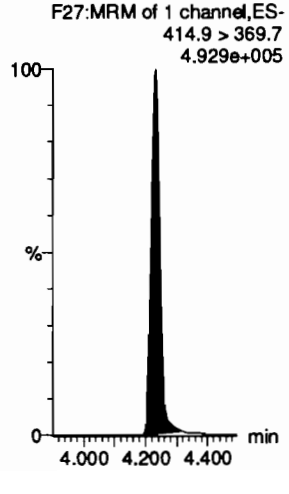
13C3-PFHxS-EIS



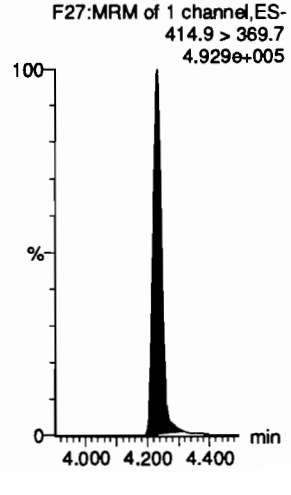
13C2-6:2 FTS-EIS



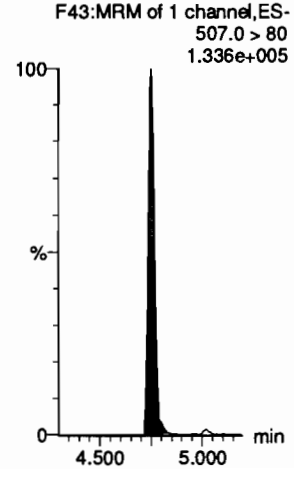
13C2-PFOA-EIS



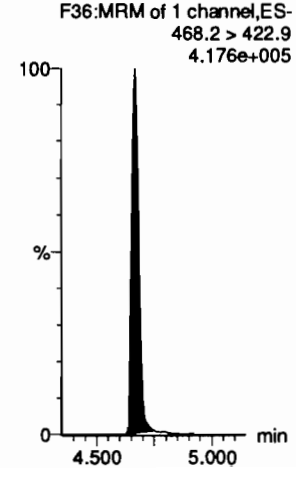
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

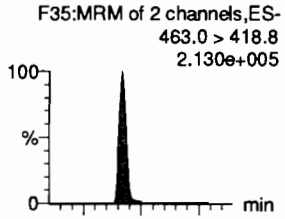


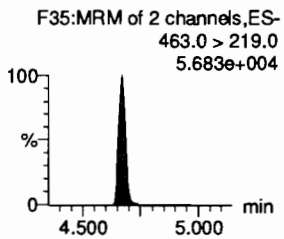
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

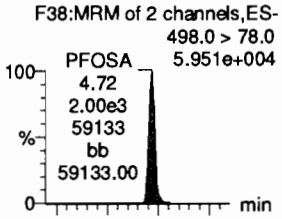
Name: 200709M1_7, Date: 09-Jul-2020, Time: 17:04:31, ID: ST200709M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

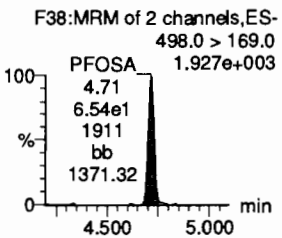
PFNA



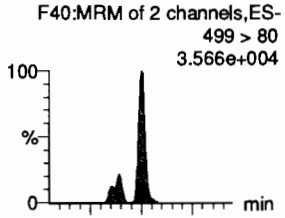


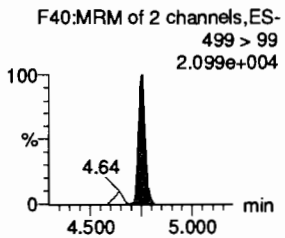
PFOSA



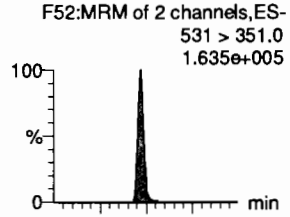


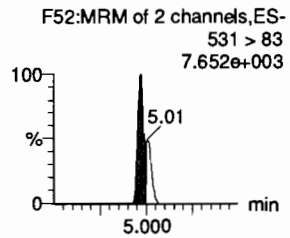
L-PFOS



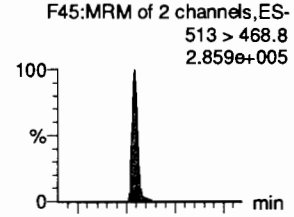


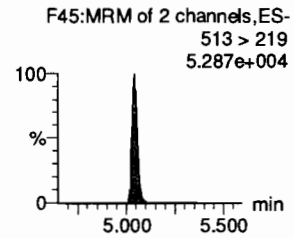
9Cl-PF30NS



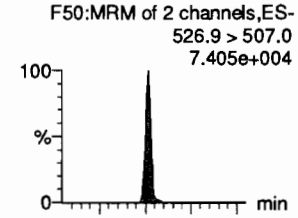


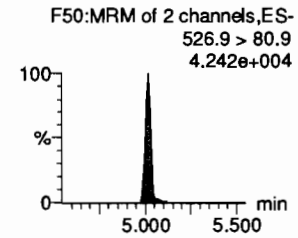
PFDA



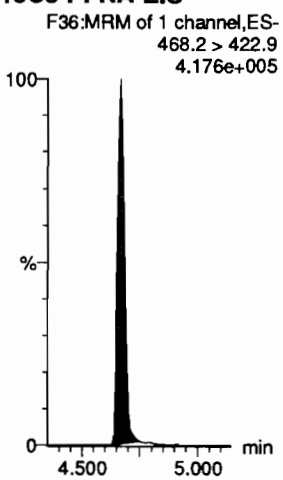


8:2 FTS

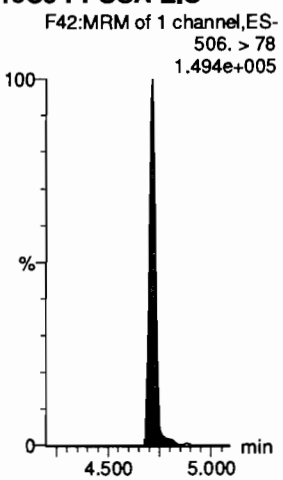




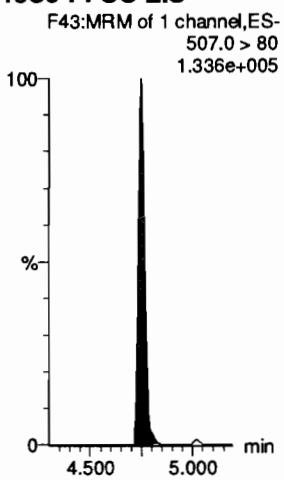
13C5-PFNA-EIS



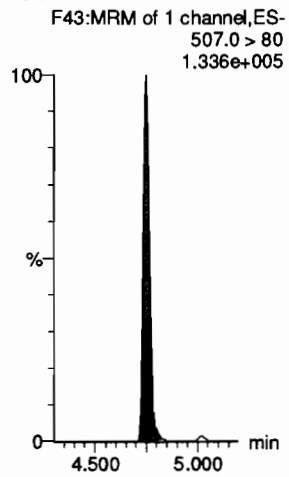
13C8-PFOSA-EIS



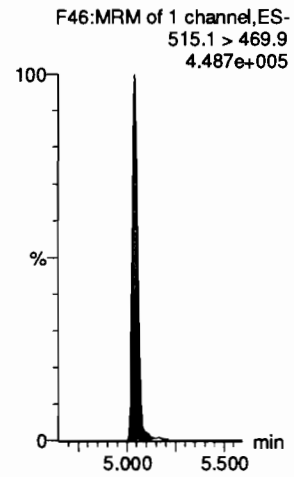
13C8-PFOS-EIS



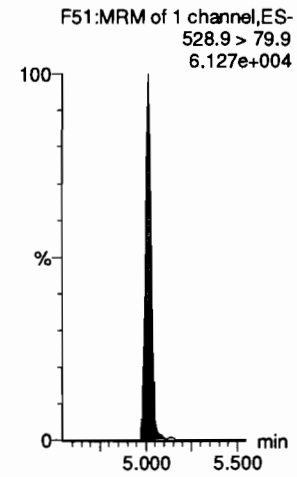
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

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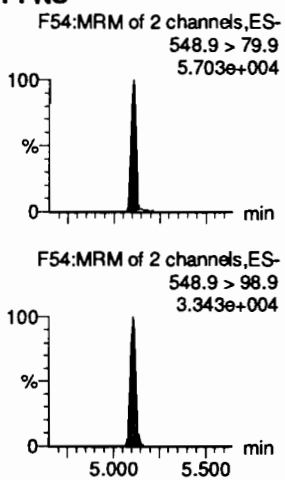
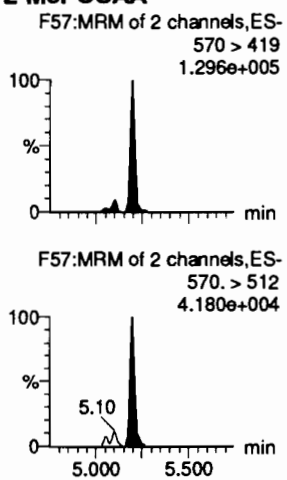
Name: 200709M1_7, Date: 09-Jul-2020, Time: 17:04:31, ID: ST200709M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

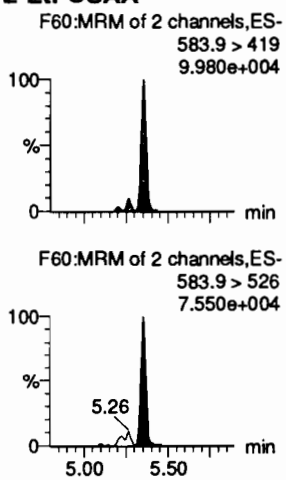
PFNS



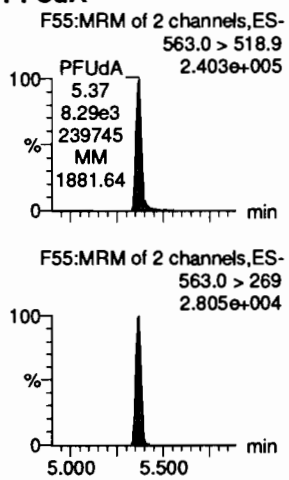
L-MeFOSAA



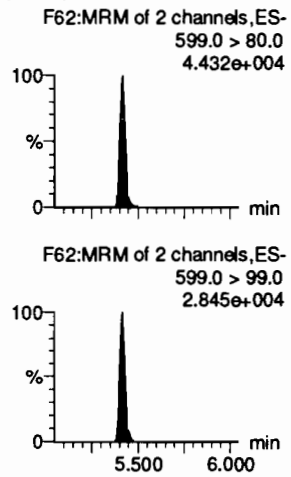
L-EtFOSAA



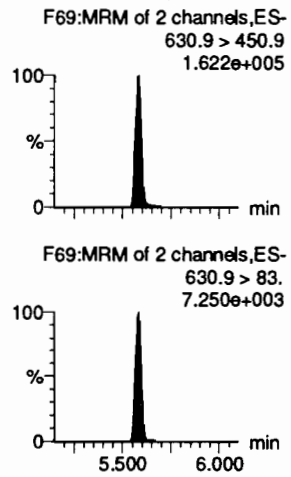
PFUdA



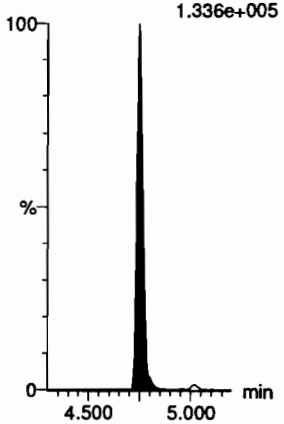
PFDS



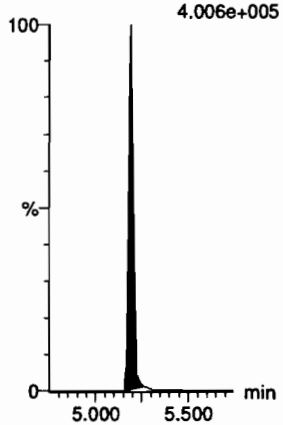
11Cl-PF30UdS



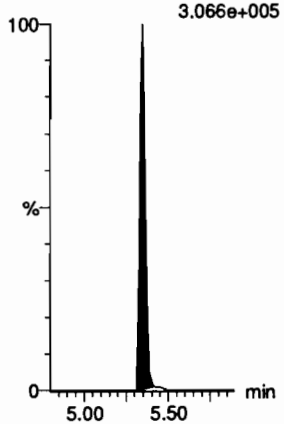
13C8-PFOS-EIS



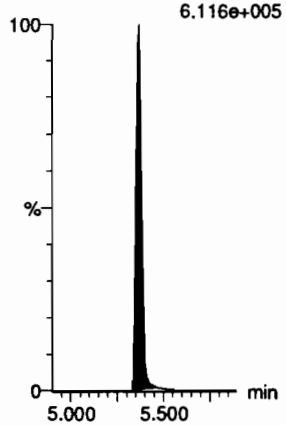
d3-N-MeFOSAA-EIS



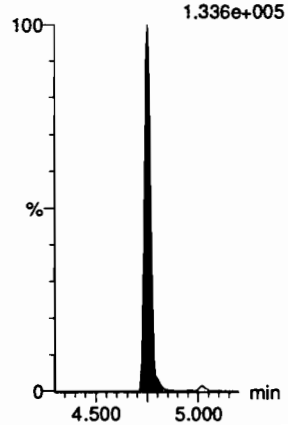
d5-N-EtFOSAA-EIS



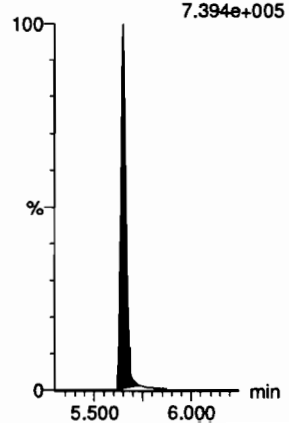
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

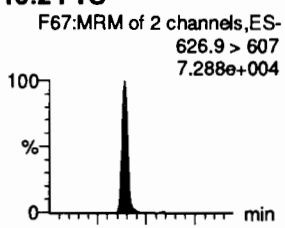


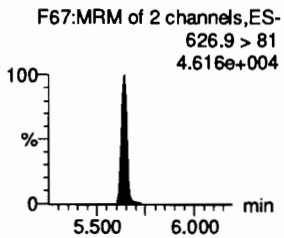
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

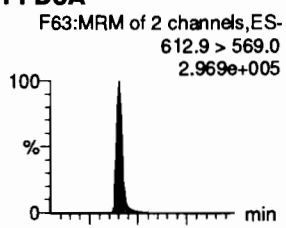
Name: 200709M1_7, Date: 09-Jul-2020, Time: 17:04:31, ID: ST200709M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

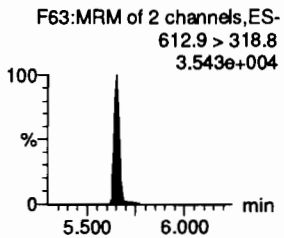
10:2 FTS



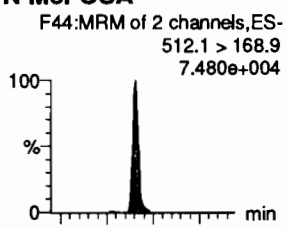


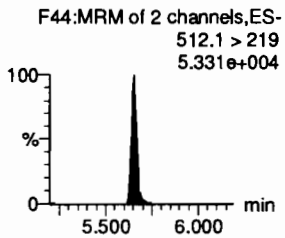
PFDoA



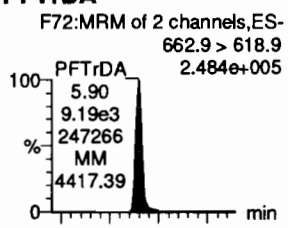


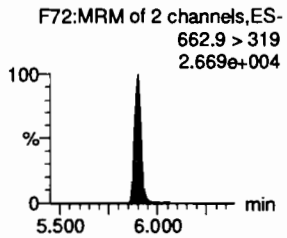
N-MeFOSA



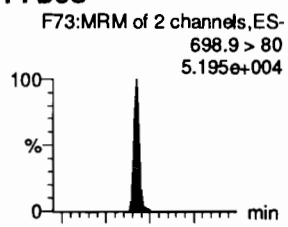


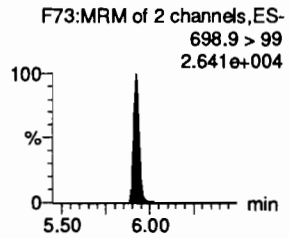
PFTrDA



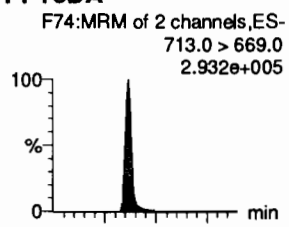


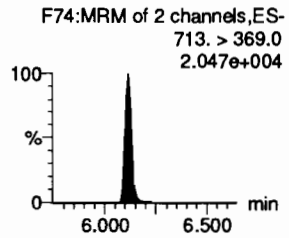
PFDoS



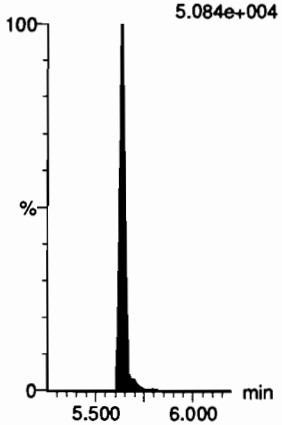


PFTeDA

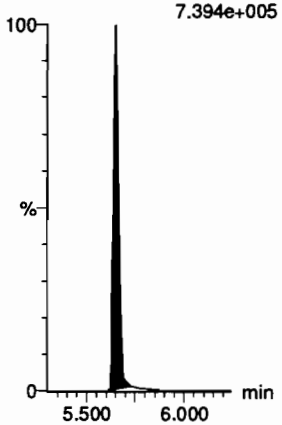




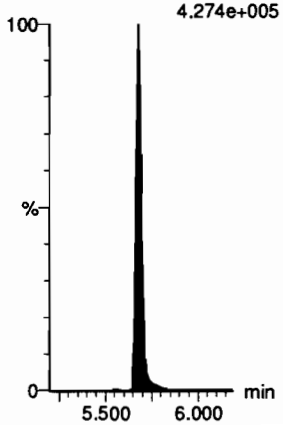
13C2-10:2 FTS-EIS



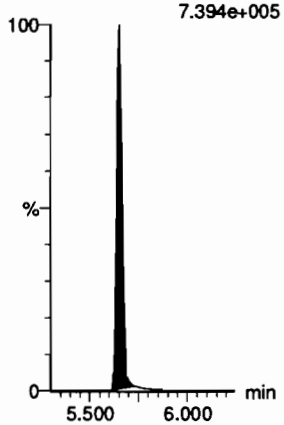
13C2-PFDoA-EIS



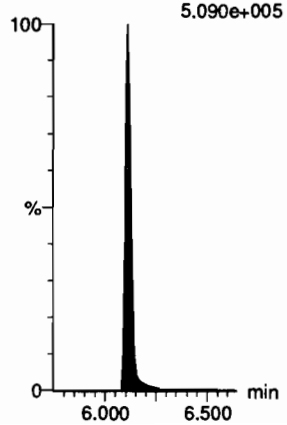
d3-N-MeFOSA-EIS



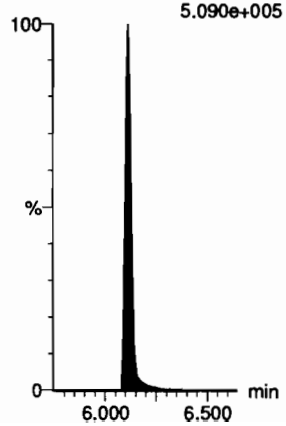
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS

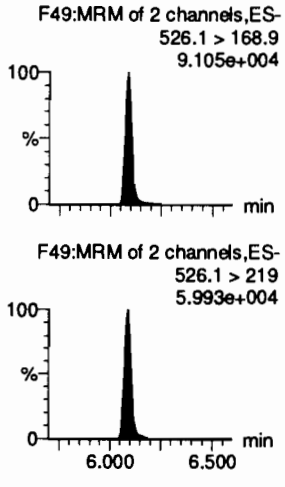


Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

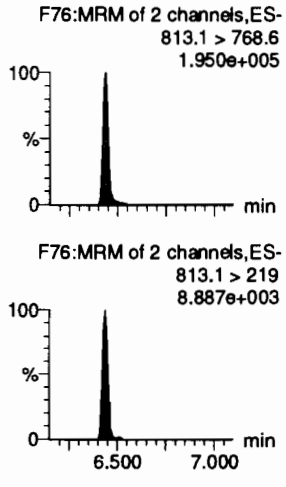
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_7, Date: 09-Jul-2020, Time: 17:04:31, ID: ST200709M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

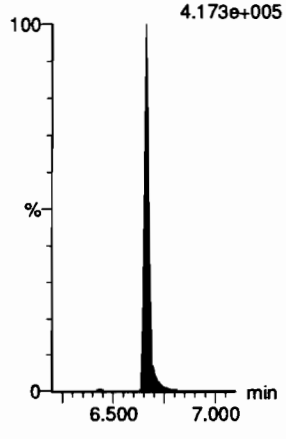
N-EtFOSA



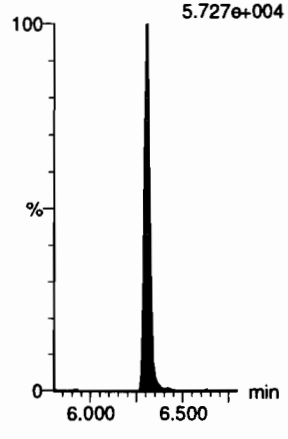
PFHxDA



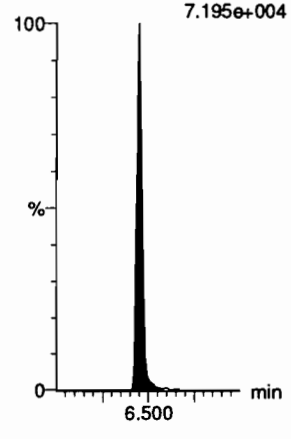
PFODA



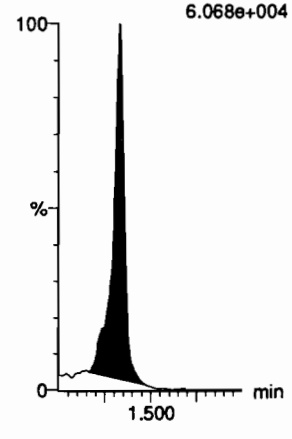
N-MeFOSE



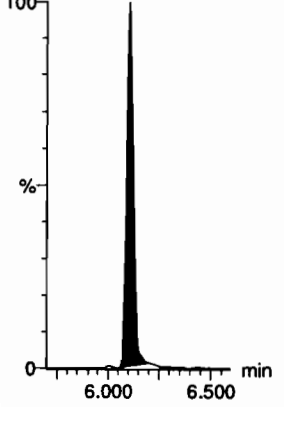
N-EtFOSE



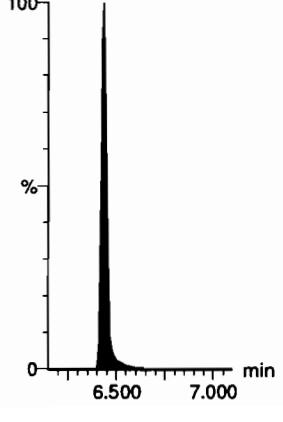
13C3-PFBA-RSD



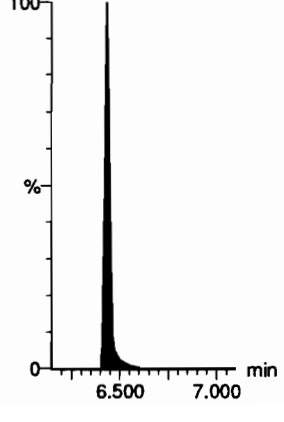
d5-N-ETFOSA-EIS



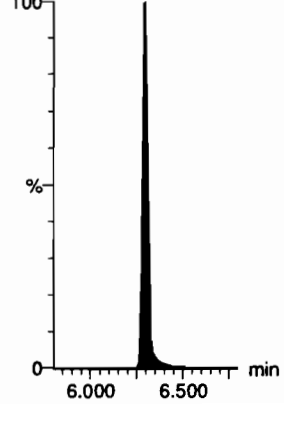
13C2-PFHxDA-EIS



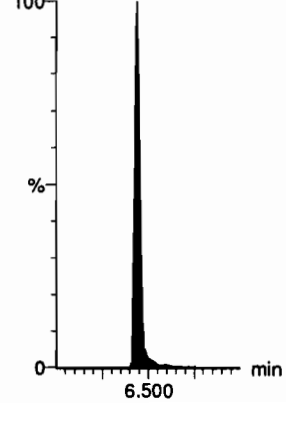
13C2-PFHxDA-EIS



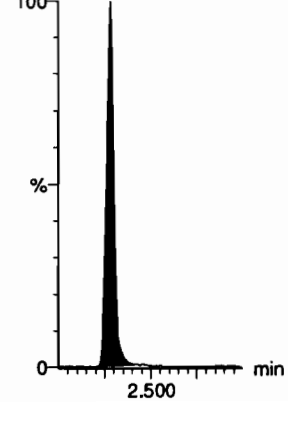
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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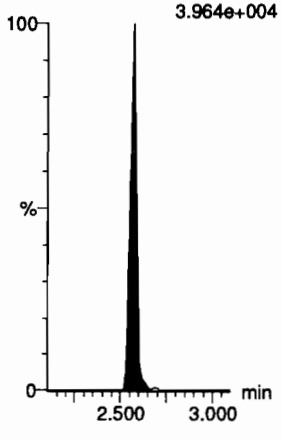
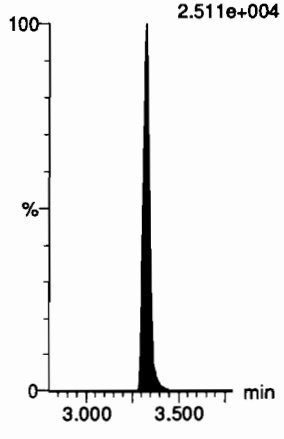
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_7, Date: 09-Jul-2020, Time: 17:04:31, ID: ST200709M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

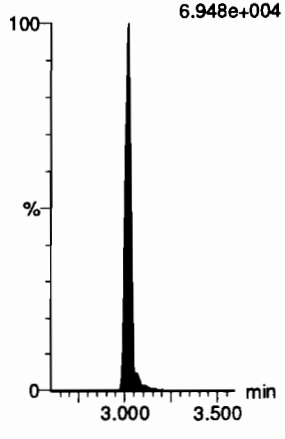
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.964e+004



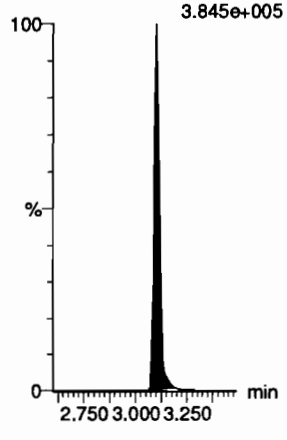
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.511e+004



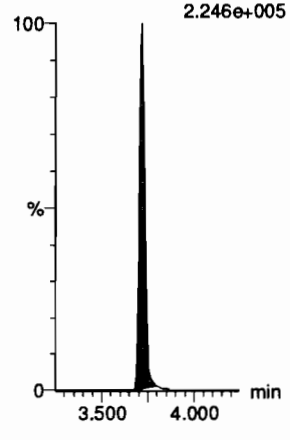
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.948e+004



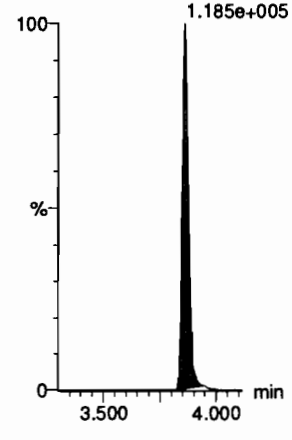
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.845e+005



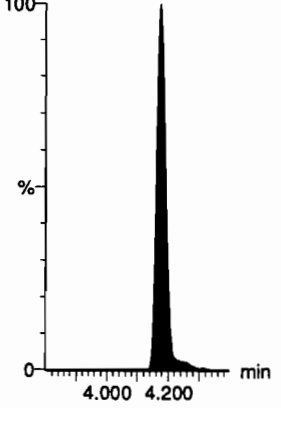
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.246e+005



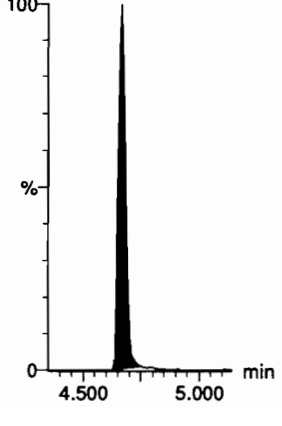
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.185e+005



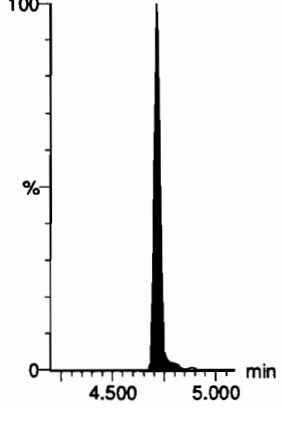
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.965e+004



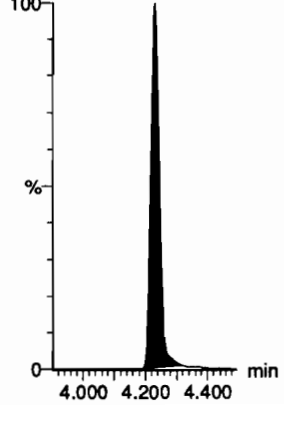
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
4.176e+005



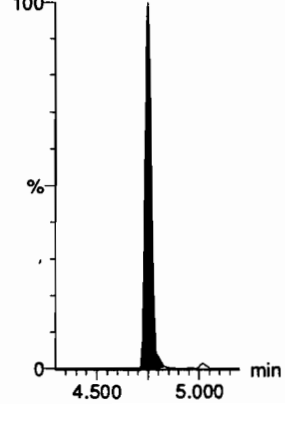
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.494e+005



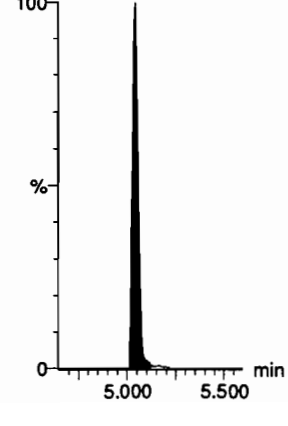
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.929e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.336e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.487e+005



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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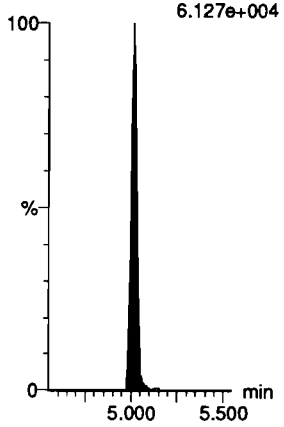
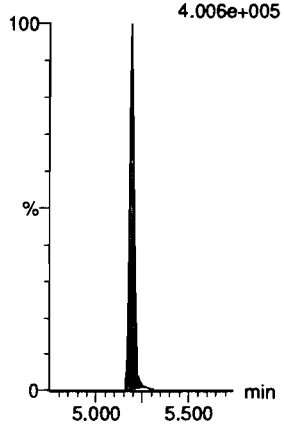
Name: 200709M1_7, Date: 09-Jul-2020, Time: 17:04:31, ID: ST200709M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

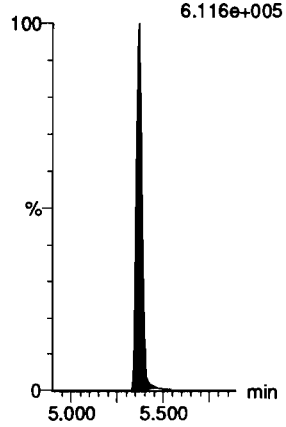
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.127e+004



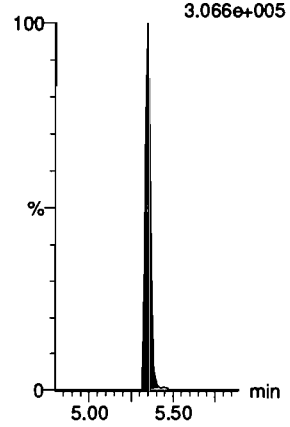
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
4.006e+005



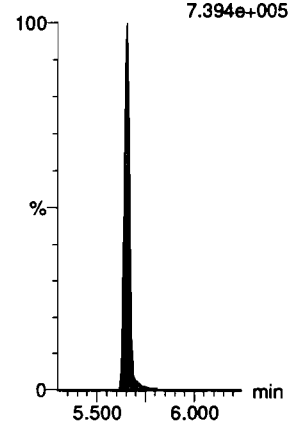
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.116e+005



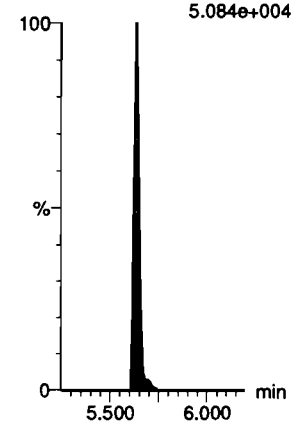
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
3.066e+005



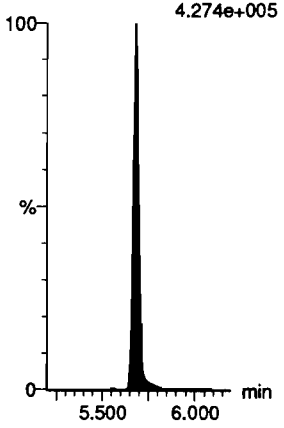
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
7.394e+005



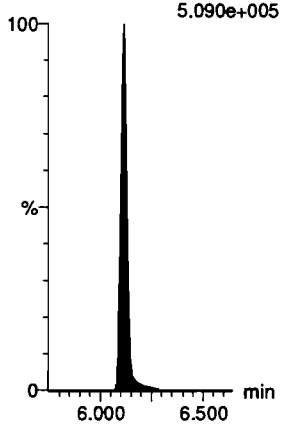
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.084e+004



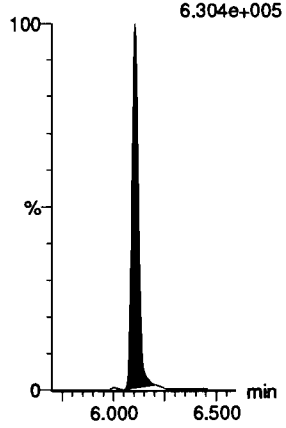
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.274e+005



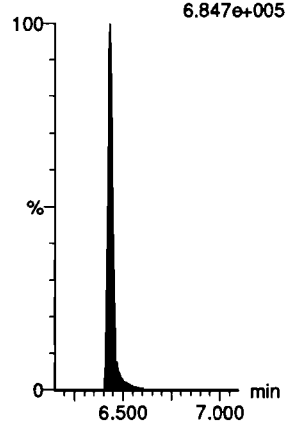
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
5.090e+005



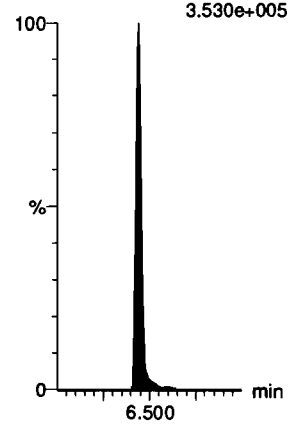
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.304e+005



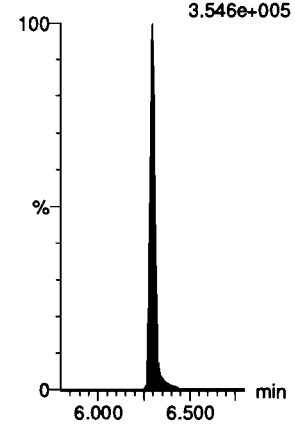
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.847e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.530e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.546e+005



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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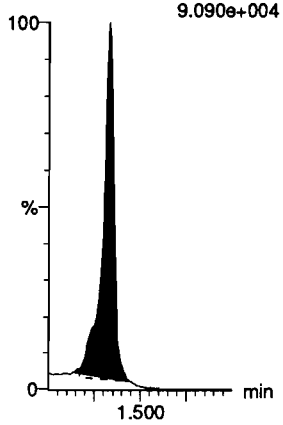
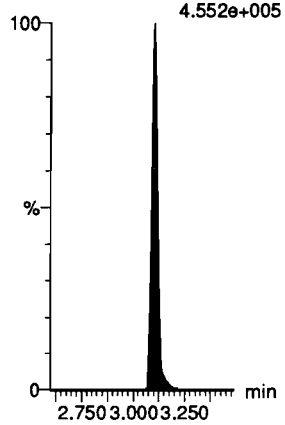
Name: 200709M1_7, Date: 09-Jul-2020, Time: 17:04:31, ID: ST200709M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

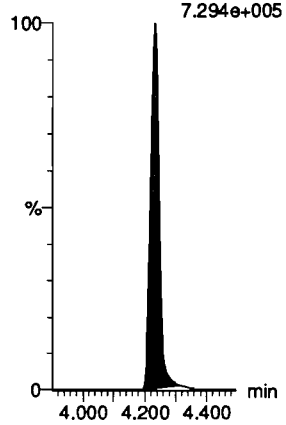
13C4-PFBA



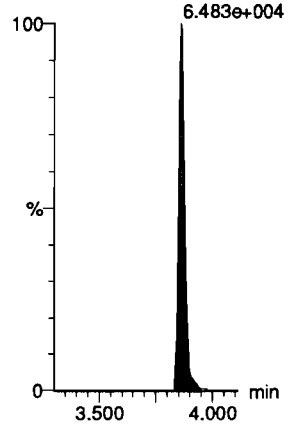
13C5-PFHxA



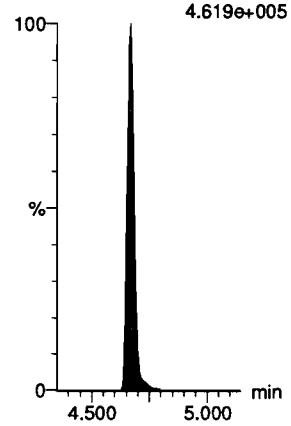
13C8-PFOA



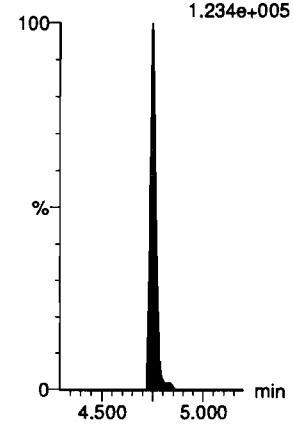
18O2-PFHxS



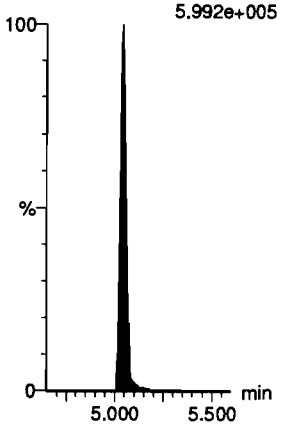
13C9-PFNA



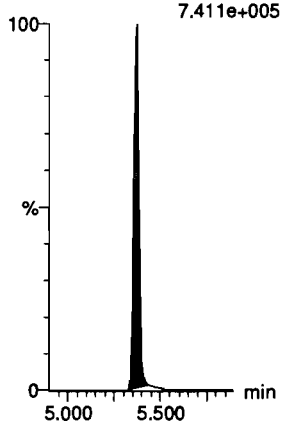
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:12:26 Pacific Daylight Time
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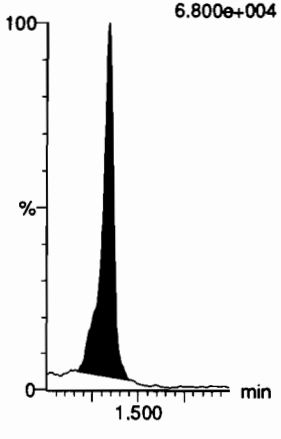
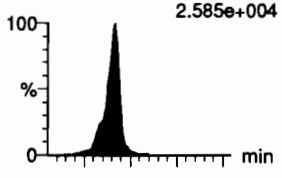
Name: 200709M1_8, Date: 09-Jul-2020, Time: 17:15:15, ID: ST200709M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

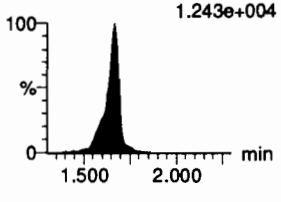
PFBA
F2:MRM of 1 channel,ES-
213.0 > 169.0
6.800e+004



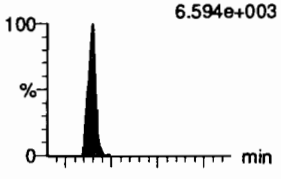
PFPrS
F6:MRM of 2 channels,ES-
248.9 > 79.9
2.585e+004



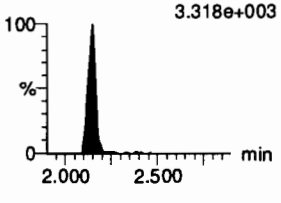
F6:MRM of 2 channels,ES-
248.9 > 98.9
1.243e+004



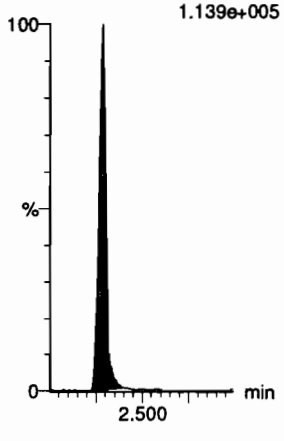
3:3 FTCA
F5:MRM of 2 channels,ES-
241.1 > 177.0
6.594e+003



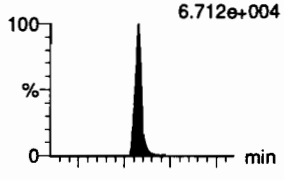
F5:MRM of 2 channels,ES-
241.1 > 117.0
3.318e+003



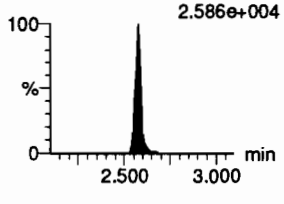
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
1.139e+005



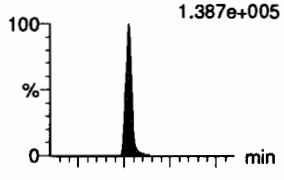
PFBS
F11:MRM of 2 channels,ES-
299.0 > 79.7
6.712e+004



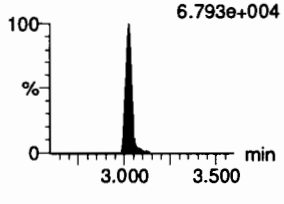
F11:MRM of 2 channels,ES-
299.0 > 99.0
2.586e+004



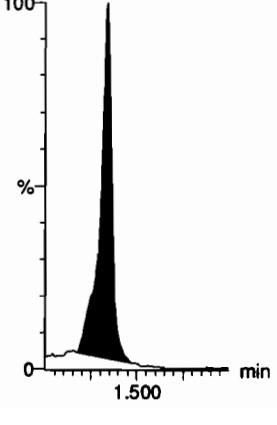
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 306.9
1.387e+005



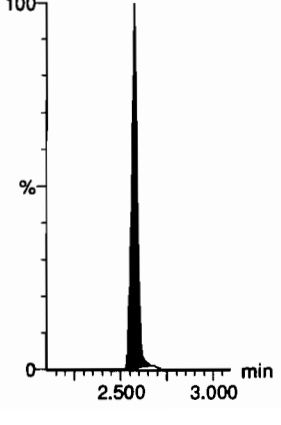
F16:MRM of 2 channels,ES-
327.0 > 80.9
6.793e+004



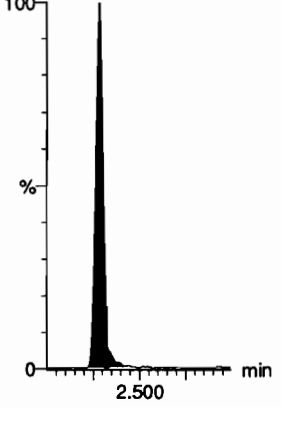
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
5.898e+004



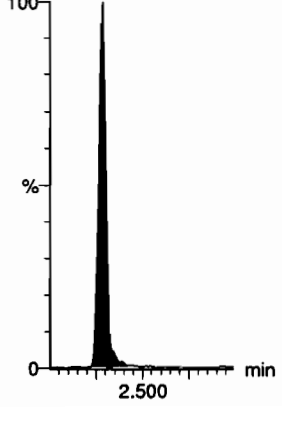
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
4.438e+004



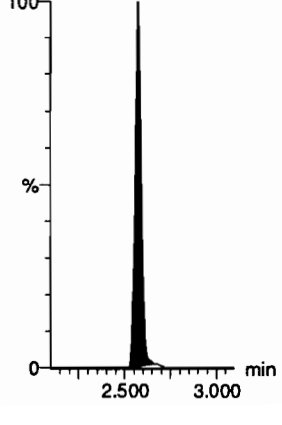
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.375e+005



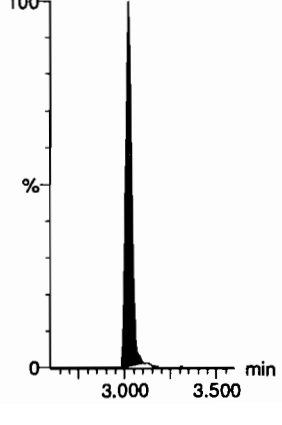
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.375e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
4.438e+004



13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.112e+004



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

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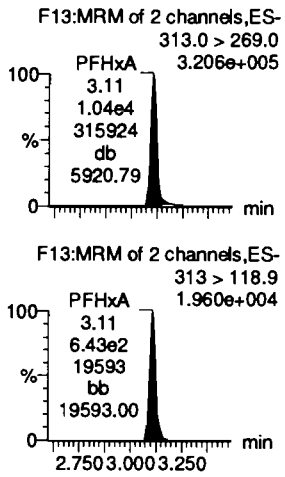
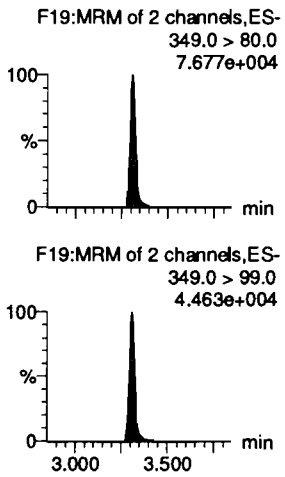
Name: 200709M1_8, Date: 09-Jul-2020, Time: 17:15:15, ID: ST200709M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

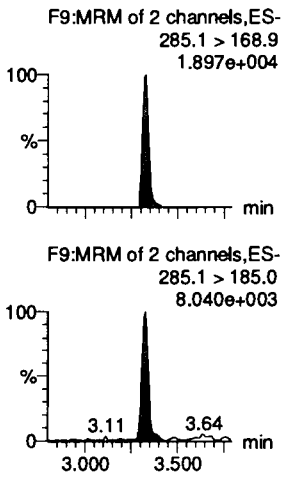
PFHxA



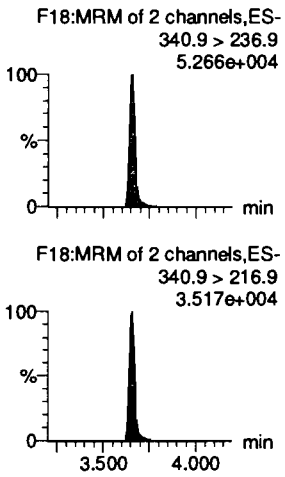
PFPeS



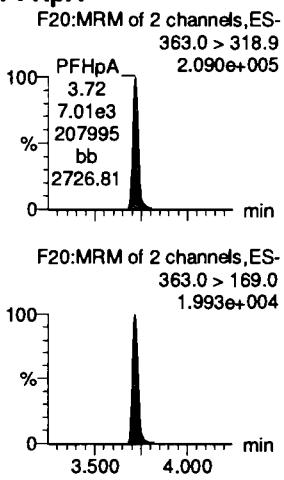
HFPO-DA



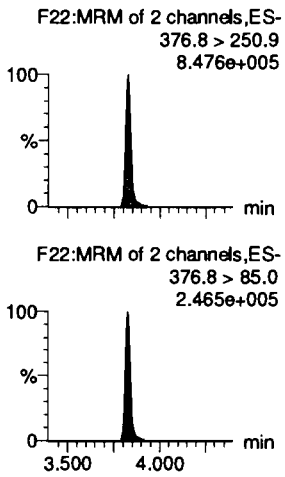
5:3 FTCA



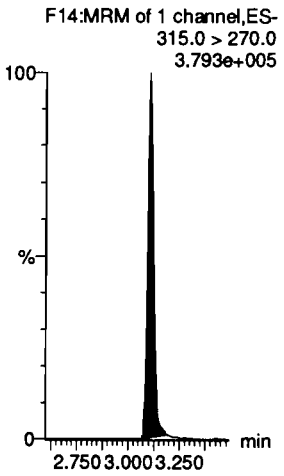
PFHpA



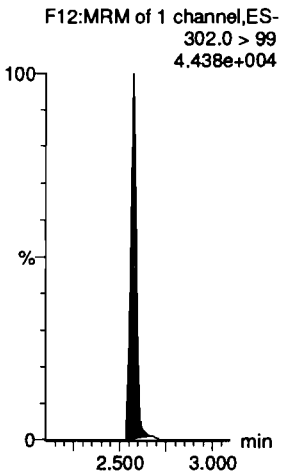
ADONA



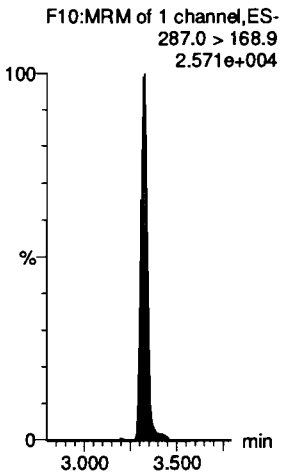
13C2-PFHxA-EIS



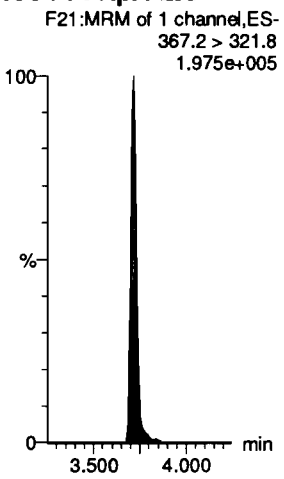
13C3-PFBS-EIS



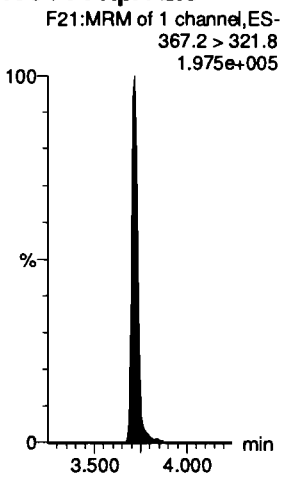
13C3-HFPO-DA-EIS



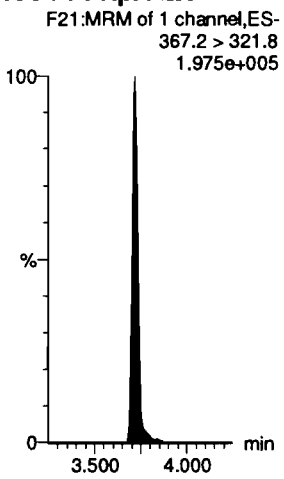
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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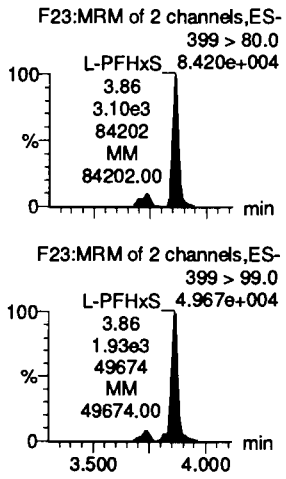
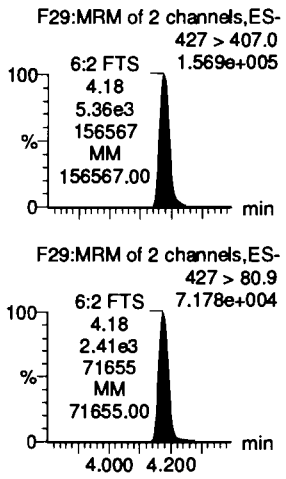
Name: 200709M1_8, Date: 09-Jul-2020, Time: 17:15:15, ID: ST200709M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

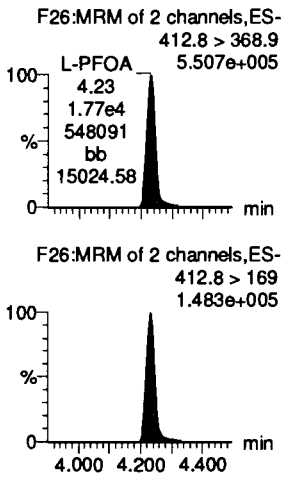
L-PFHxS



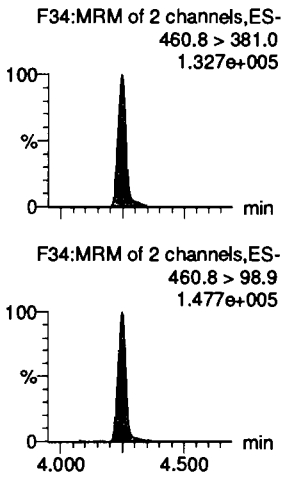
6:2 FTS



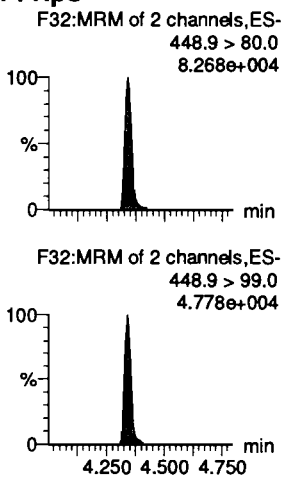
L-PFOA



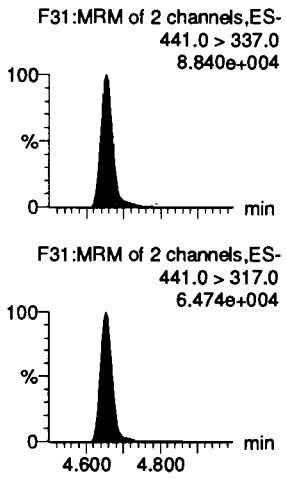
PFEChS



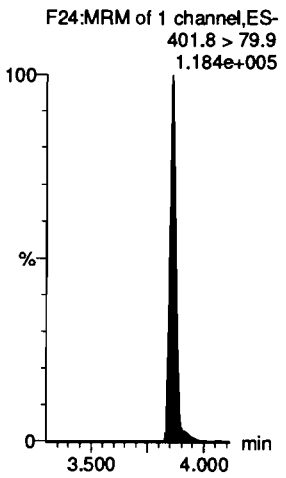
PFHpS



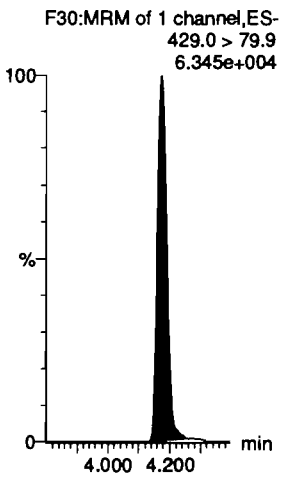
7:3 FTCA



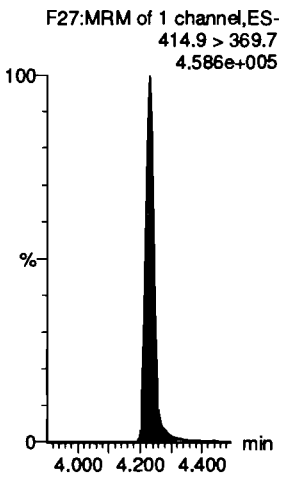
13C3-PFHxS-EIS



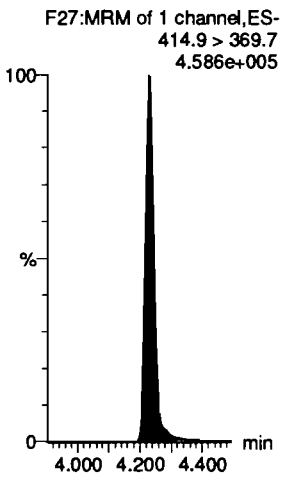
13C2-6:2 FTS-EIS



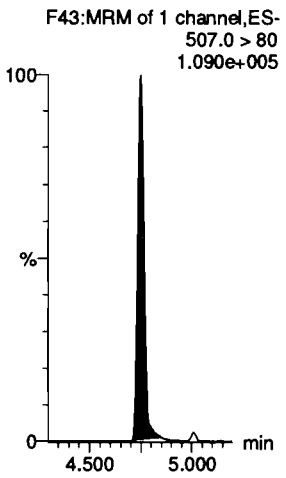
13C2-PFOA-EIS



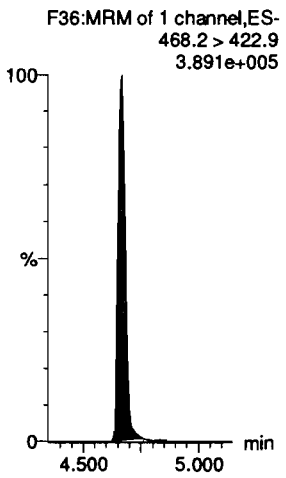
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

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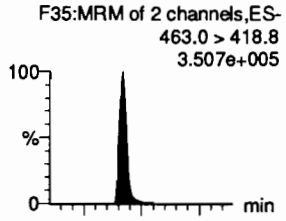
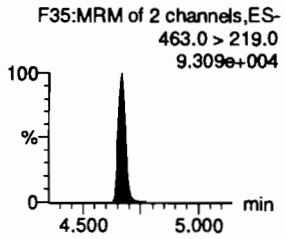
Name: 200709M1_8, Date: 09-Jul-2020, Time: 17:15:15, ID: ST200709M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

PFNA





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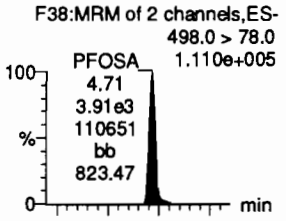
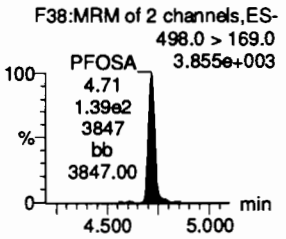
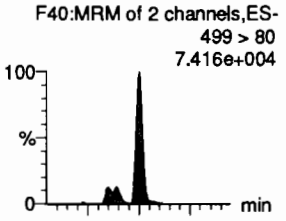
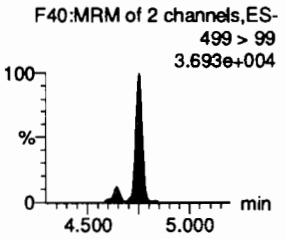


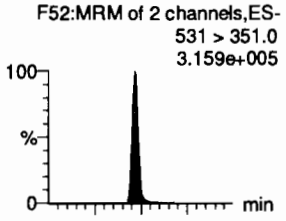


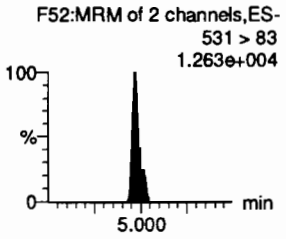
L-PFOS





9Cl-PF30NS





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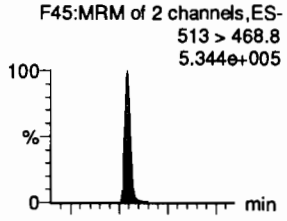
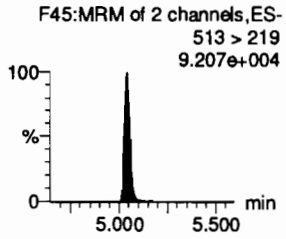
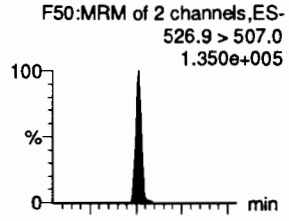
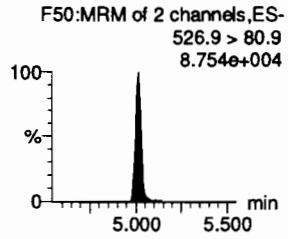


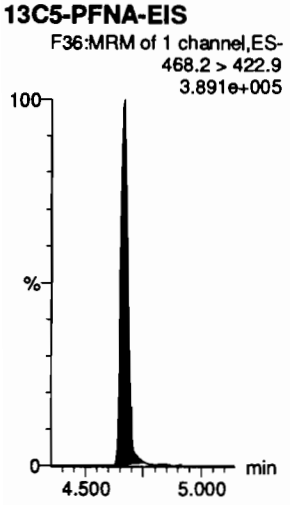


8:2 FTS

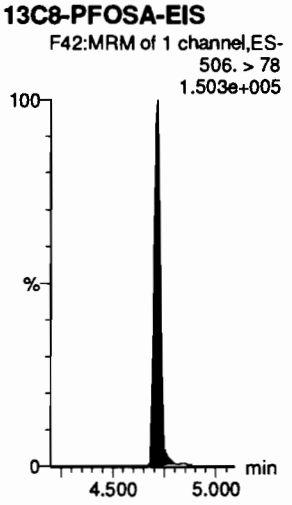




13C5-PFNA-EIS



13C8-PFOSA-EIS



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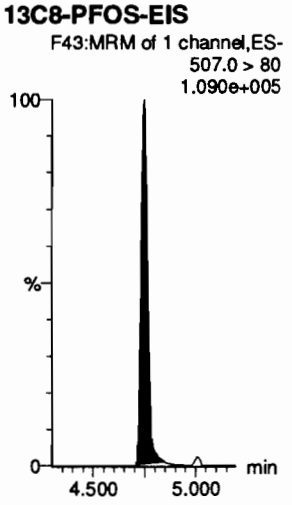

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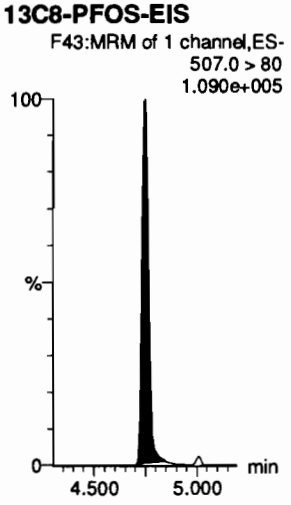

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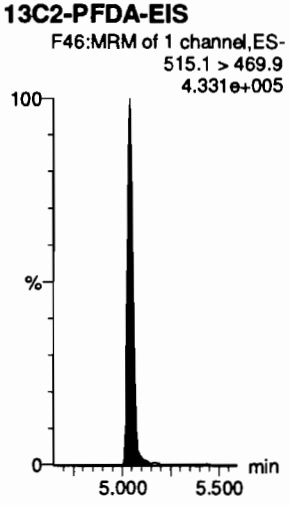
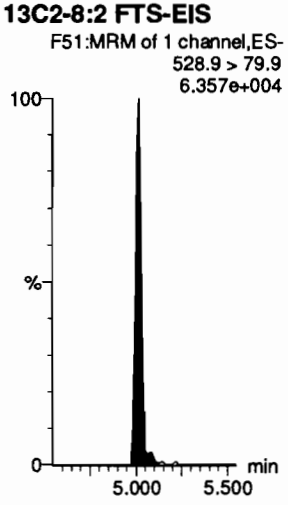


13C2-8:2 FTS-EIS



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Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_8, Date: 09-Jul-2020, Time: 17:15:15, ID: ST200709M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

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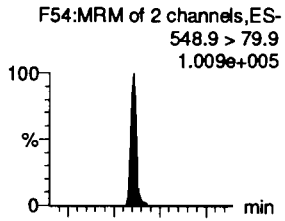

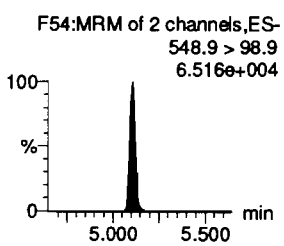

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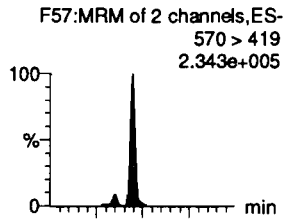

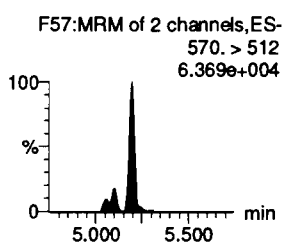

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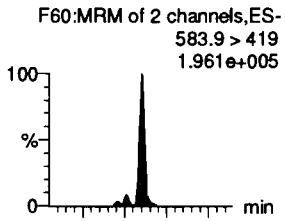

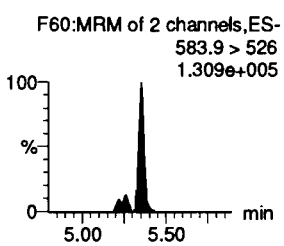

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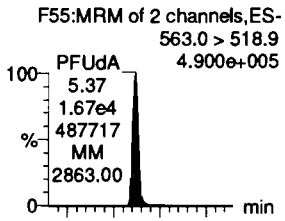

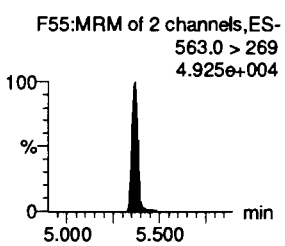

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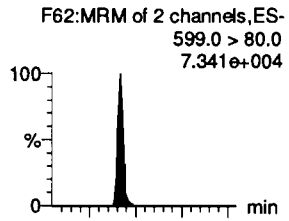
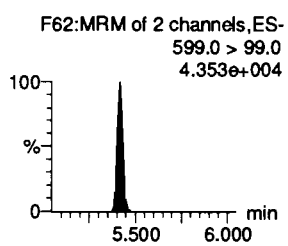
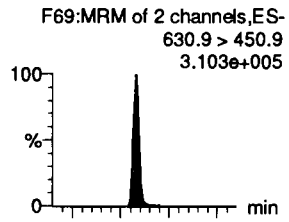
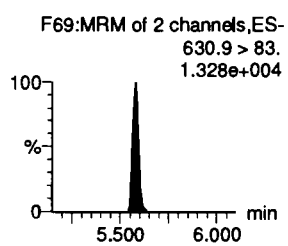


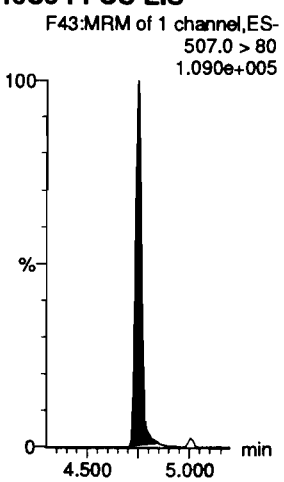


11Cl-PF30UdS

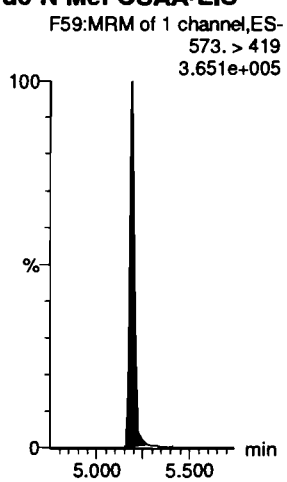




13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



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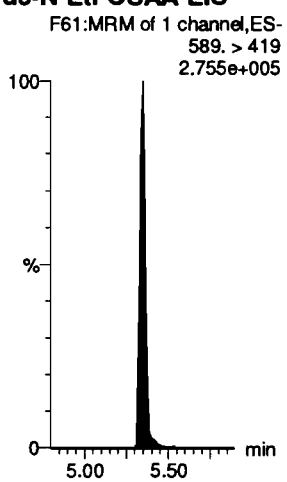

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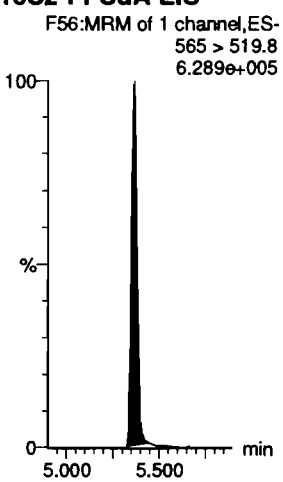

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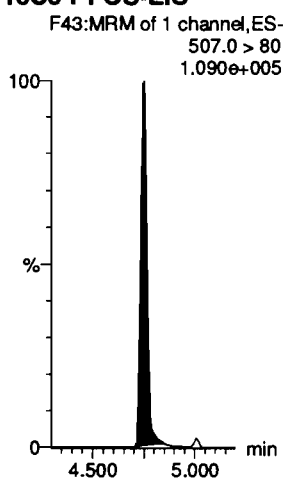
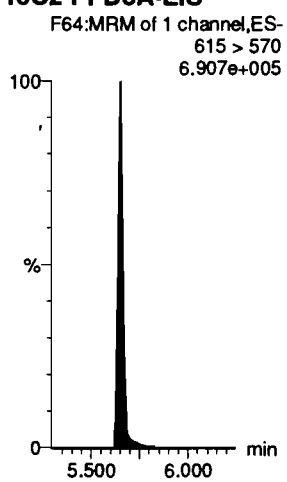


13C2-PFDoA-EIS



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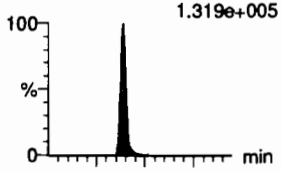
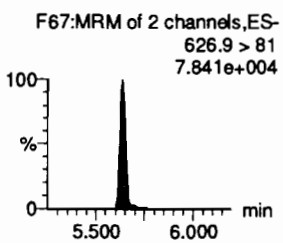
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_8, Date: 09-Jul-2020, Time: 17:15:15, ID: ST200709M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

10:2 FTS





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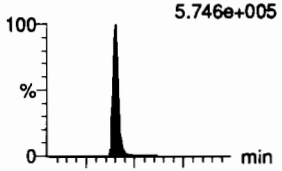
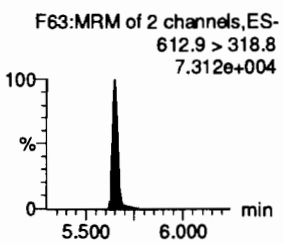
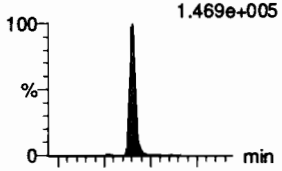
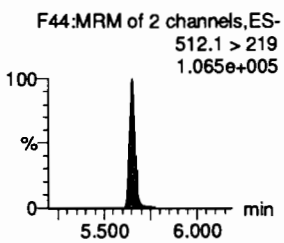


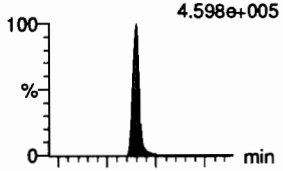


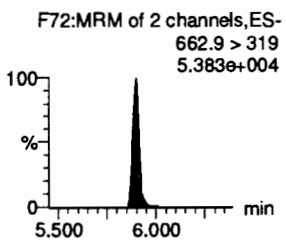
N-MeFOSA



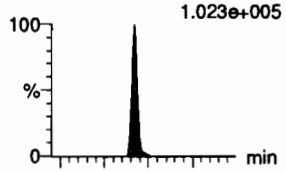


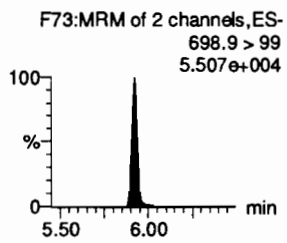
PFTrDA





PFDoS





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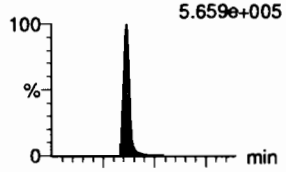
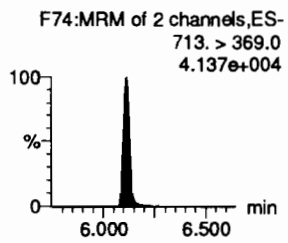
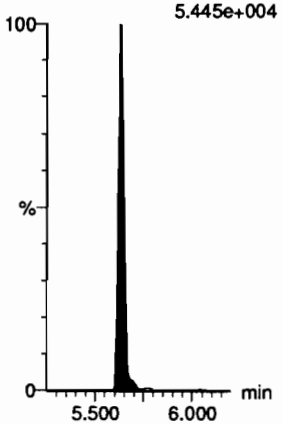




13C2-10:2 FTS-EIS



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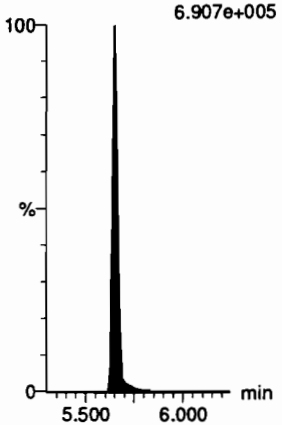
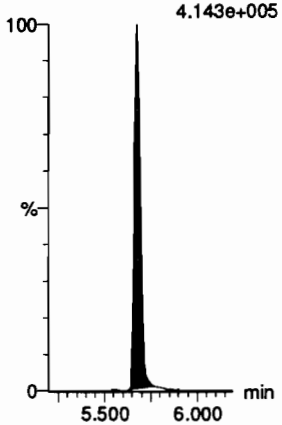


d3-N-MeFOSA-EIS



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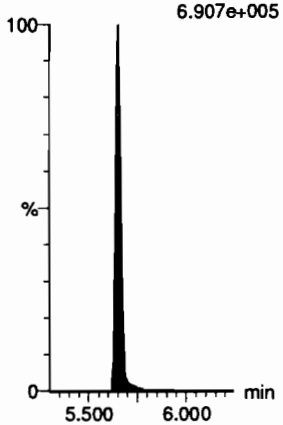

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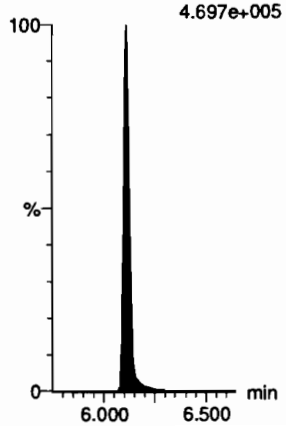

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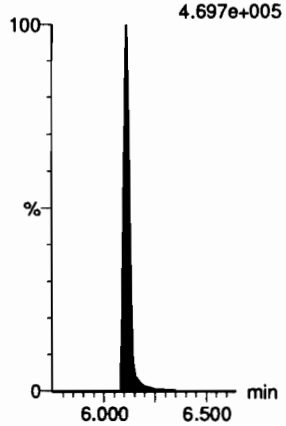

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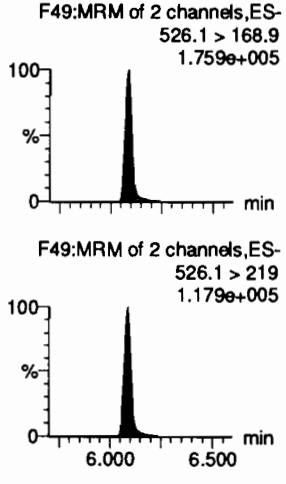
Name: 200709M1_8, Date: 09-Jul-2020, Time: 17:15:15, ID: ST200709M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

N-EtFOSA



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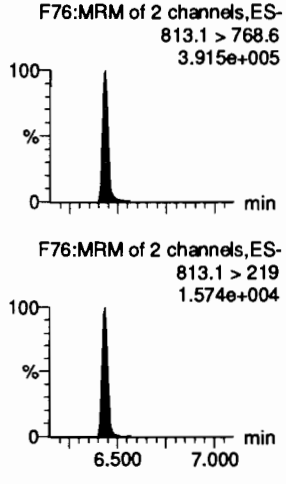
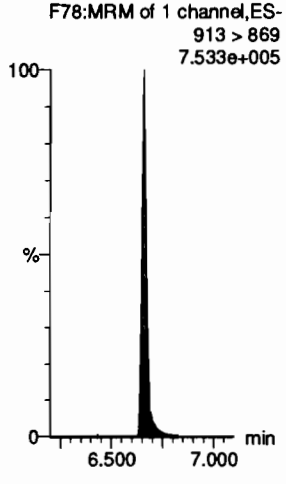
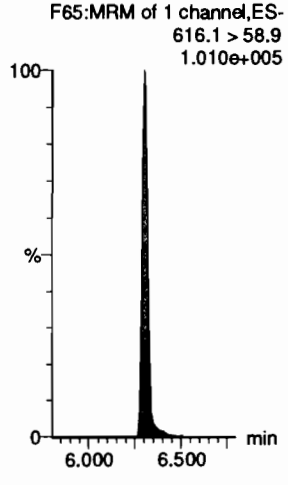


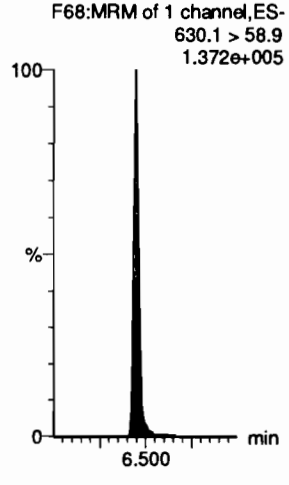
PFODA



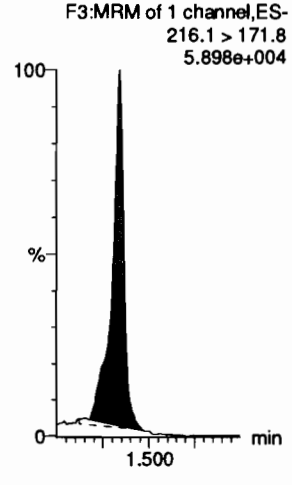
N-MeFOSE



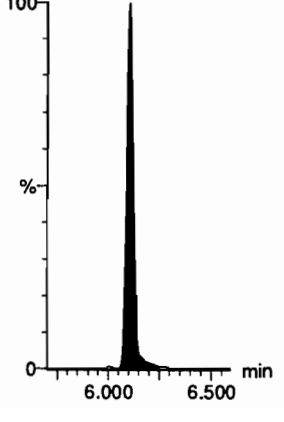
N-EtFOSE



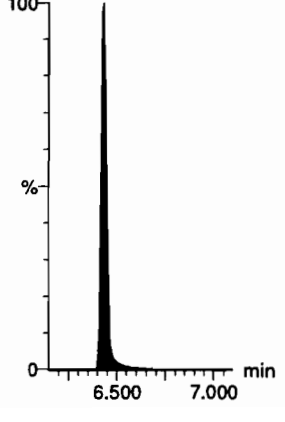
13C3-PFBA-RSD



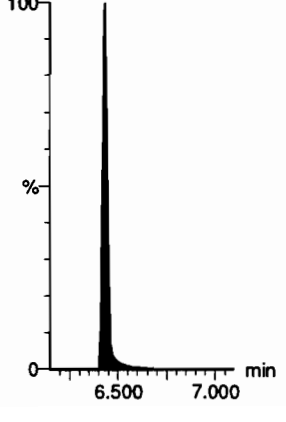
d5-N-ETFOSA-EIS



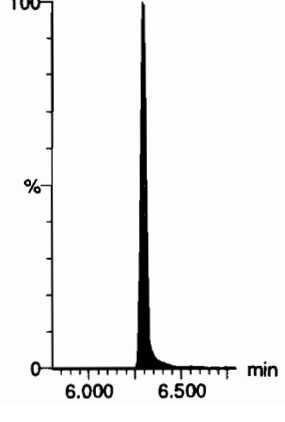
13C2-PFHxDA-EIS



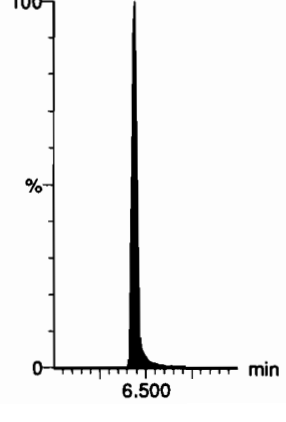
13C2-PFHxDA-EIS



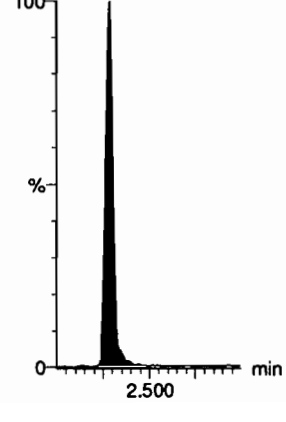
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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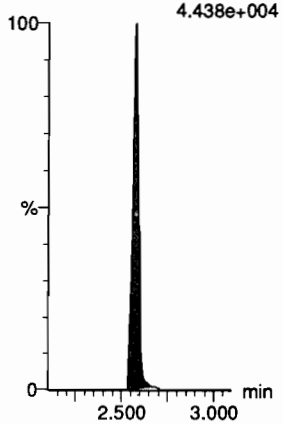
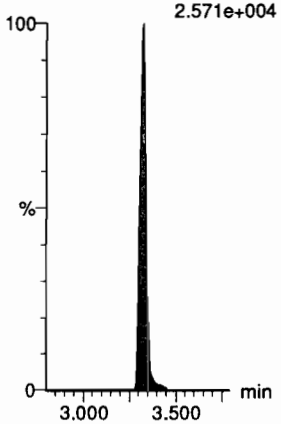
Name: 200709M1_8, Date: 09-Jul-2020, Time: 17:15:15, ID: ST200709M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

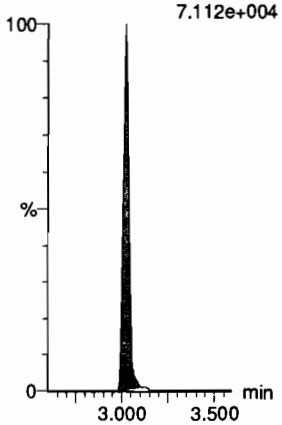
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
4.438e+004



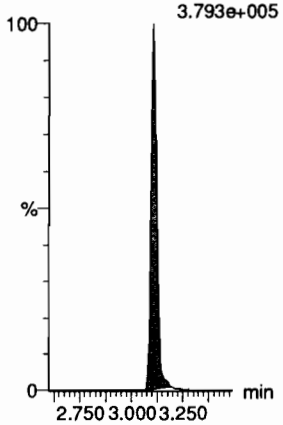
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.571e+004



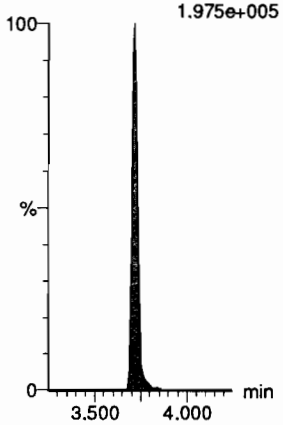
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.112e+004



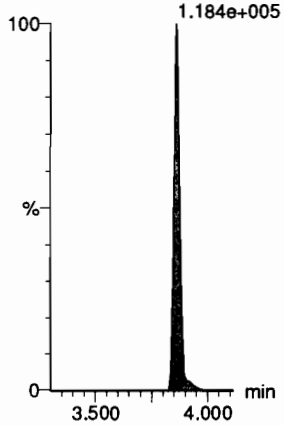
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.793e+005



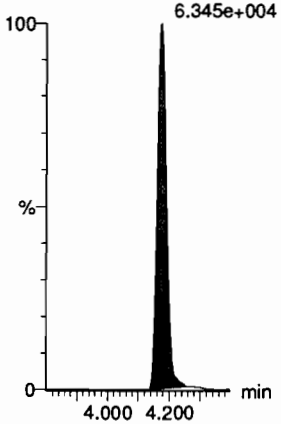
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.975e+005



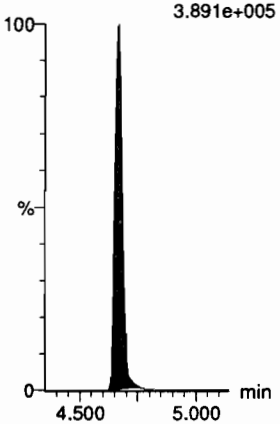
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.184e+005



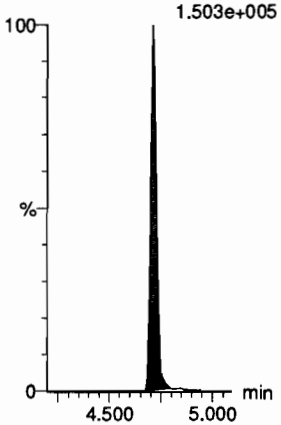
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.345e+004



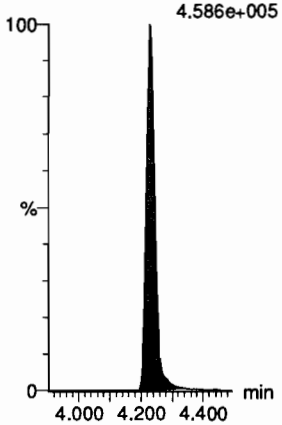
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.891e+005



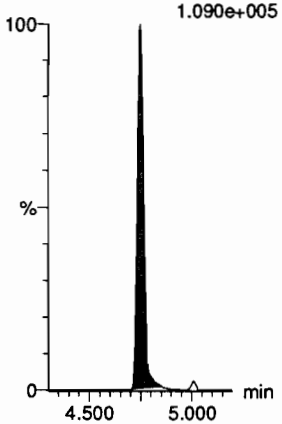
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.503e+005



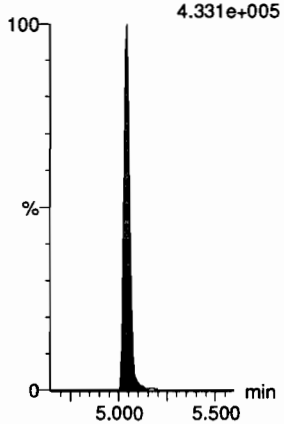
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.586e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.090e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.331e+005

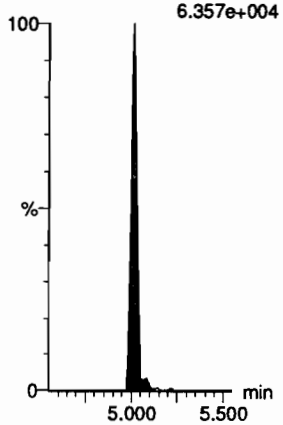


Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

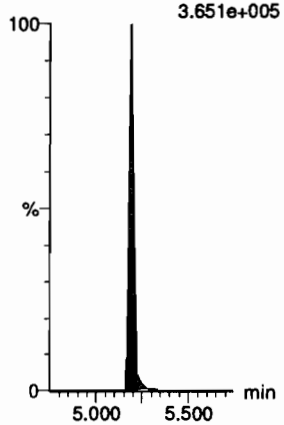
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_8, Date: 09-Jul-2020, Time: 17:15:15, ID: ST200709M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

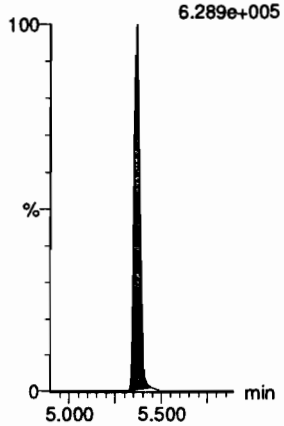
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.357e+004



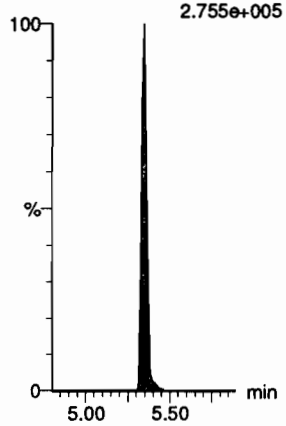
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.651e+005



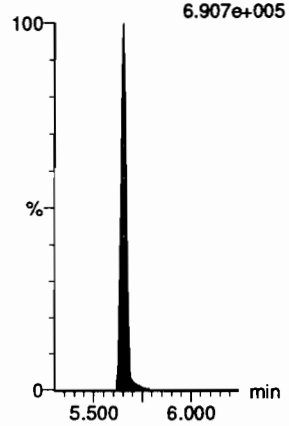
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.289e+005



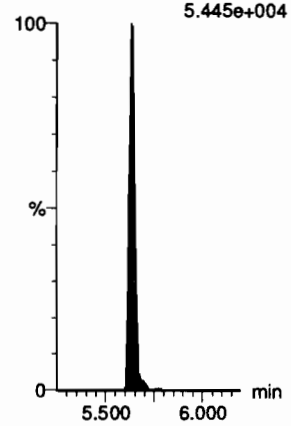
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.755e+005



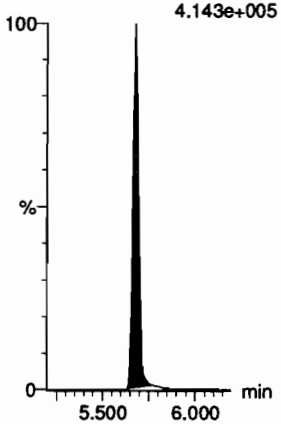
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
6.907e+005



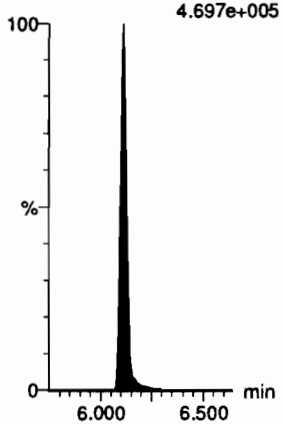
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.445e+004



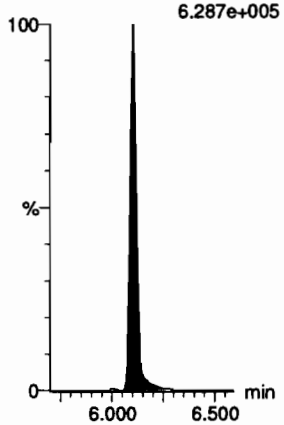
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.143e+005



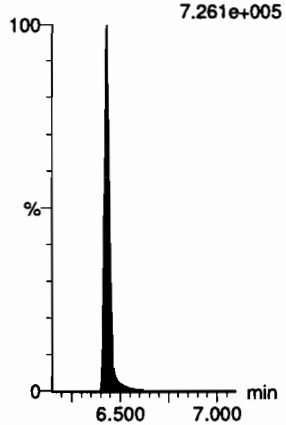
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.697e+005



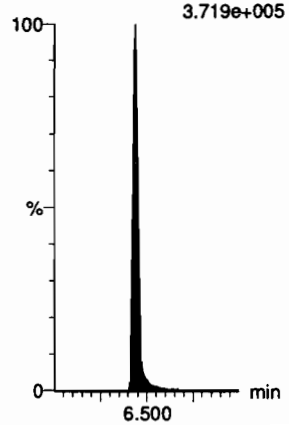
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.287e+005



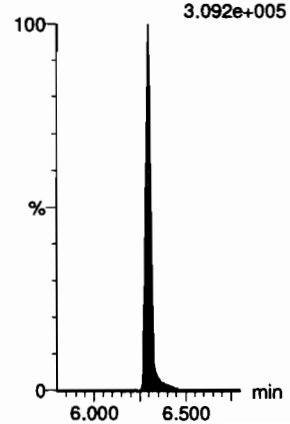
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.261e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.719e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.092e+005

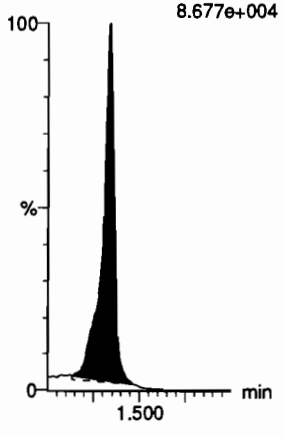


Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

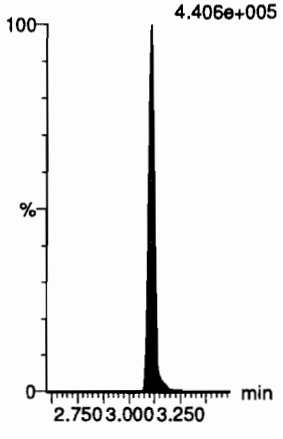
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_8, Date: 09-Jul-2020, Time: 17:15:15, ID: ST200709M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

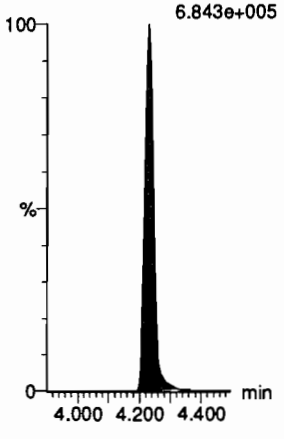
13C4-PFBA



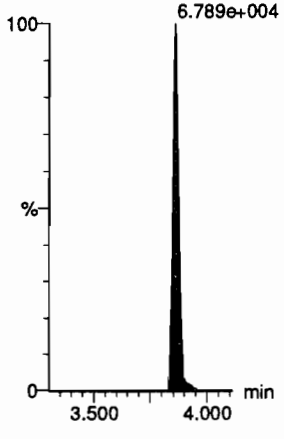
13C5-PFHxA



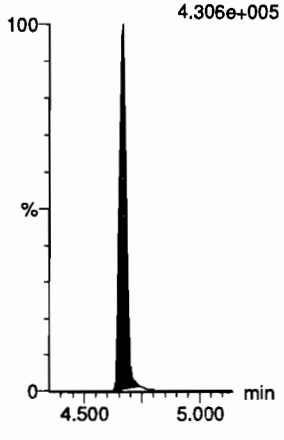
13C8-PFOA



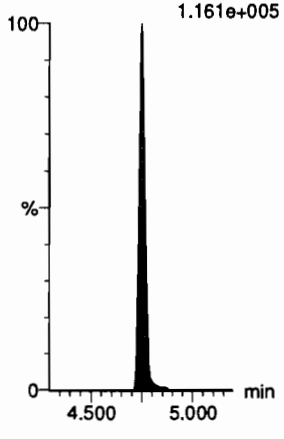
18O2-PFHxS



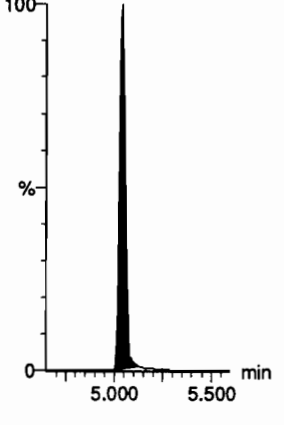
13C9-PFNA



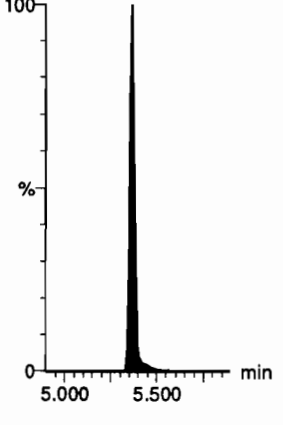
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 10:12:26 Pacific Daylight Time
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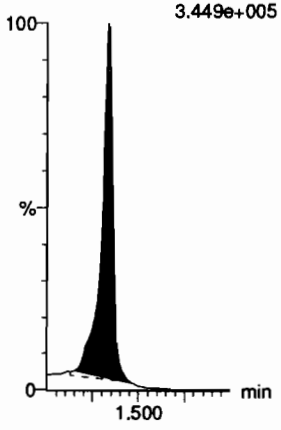
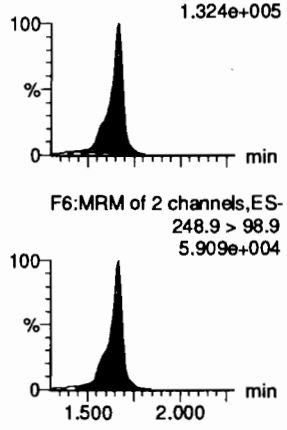
Name: 200709M1_9, Date: 09-Jul-2020, Time: 17:25:40, ID: ST200709M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

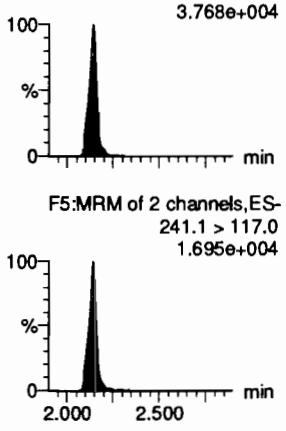
PFBA



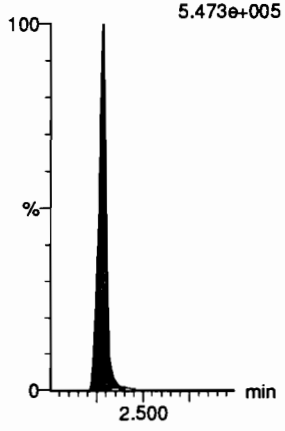
PFPrS



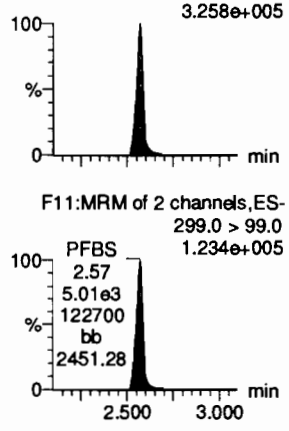
3:3 FTCA



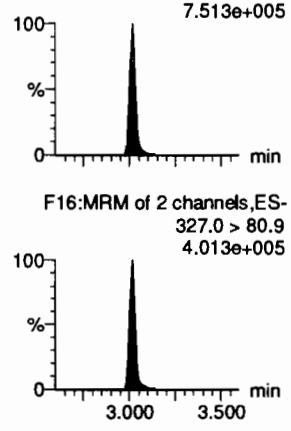
PFPeA



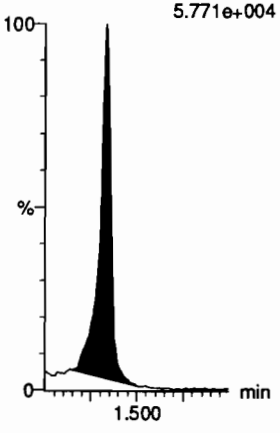
PFBS



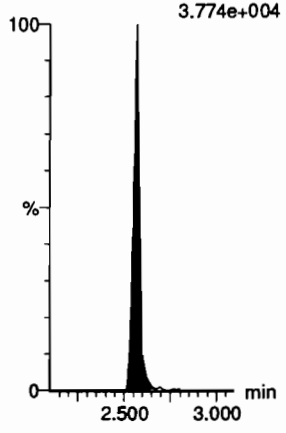
4:2 FTS



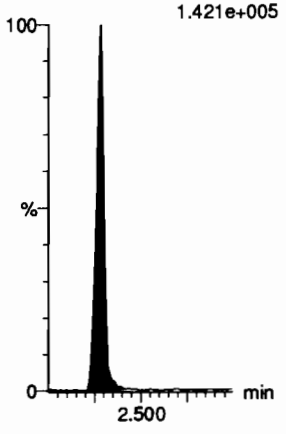
13C3-PFBA-EIS



13C3-PFBS-EIS



13C3-PFPeA-EIS



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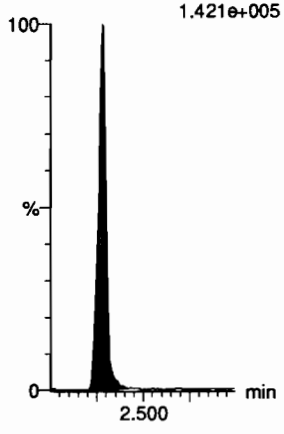
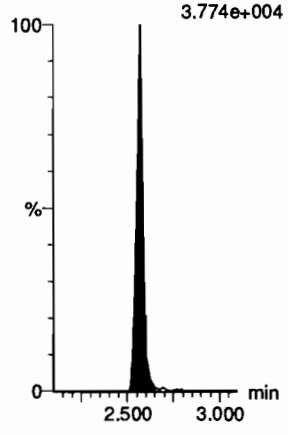
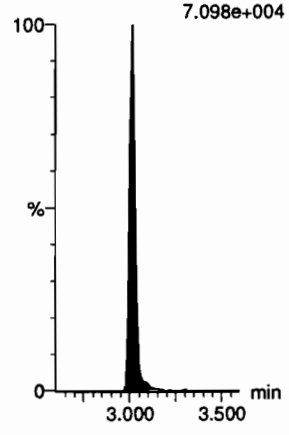


13C3-PFBS-EIS



13C2-4:2 FTS-EIS



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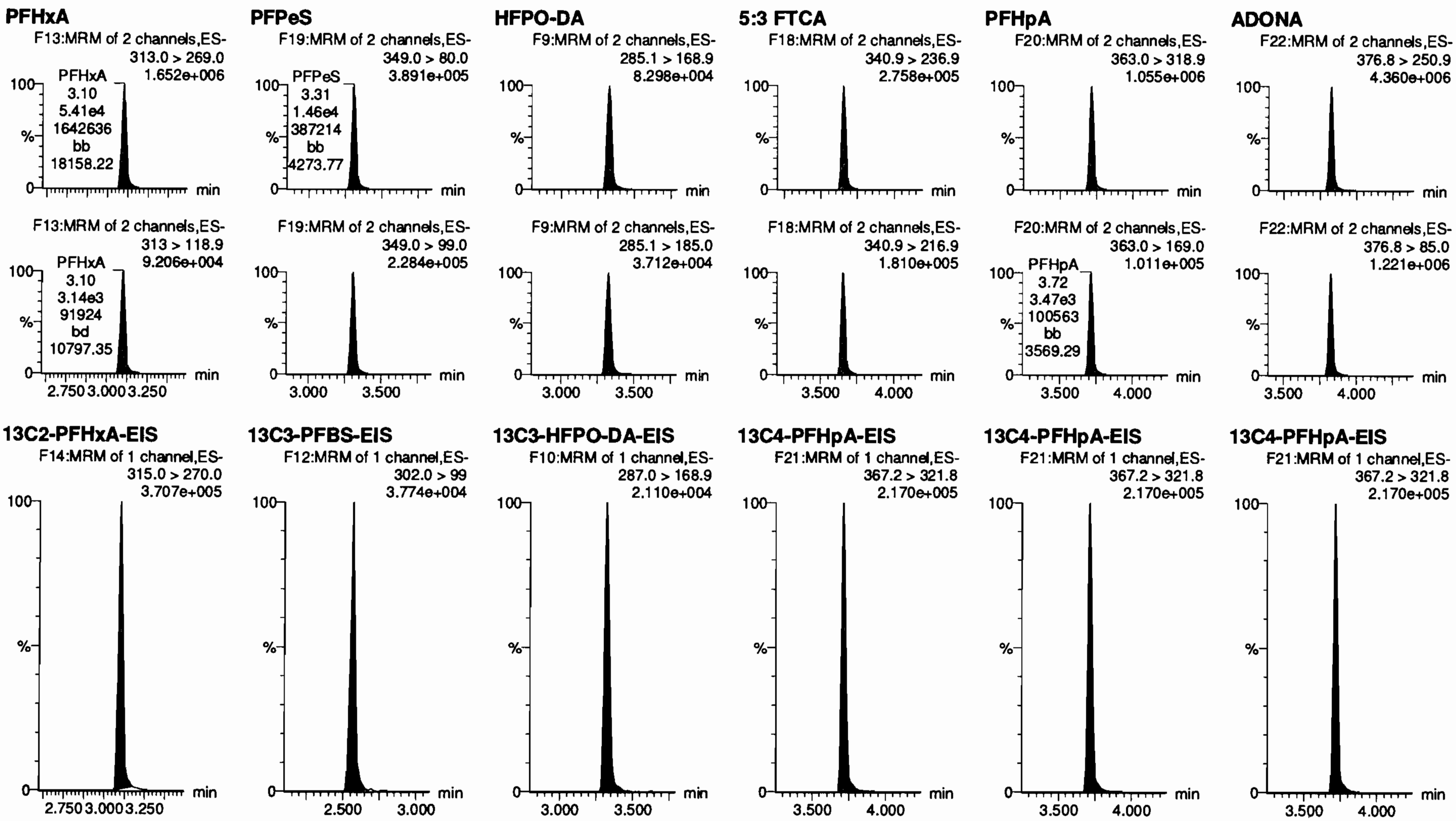
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_9, Date: 09-Jul-2020, Time: 17:25:40, ID: ST200709M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907



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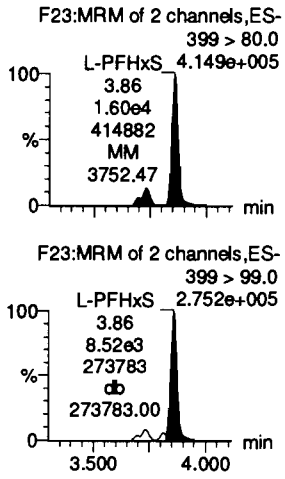
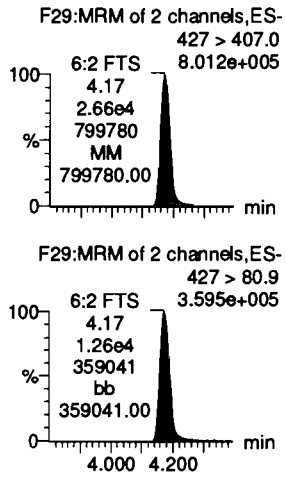
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_9, Date: 09-Jul-2020, Time: 17:25:40, ID: ST200709M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

L-PFHxS



6:2 FTS



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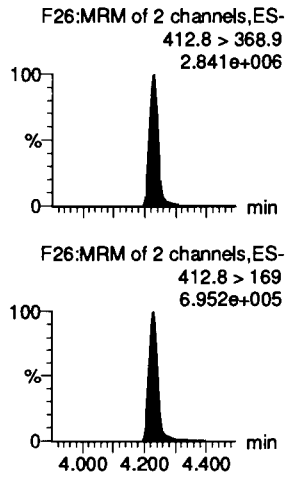
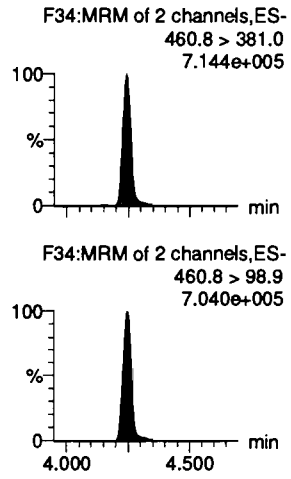


PFEChS



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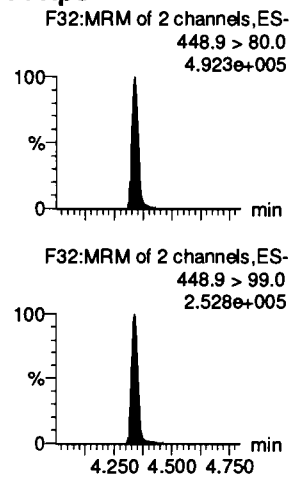
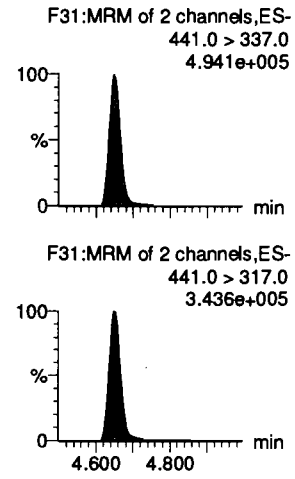
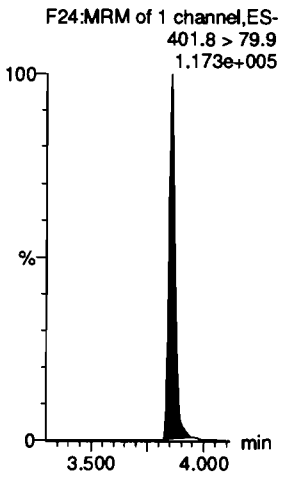


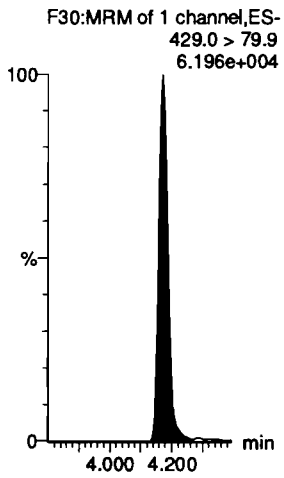
7:3 FTCA



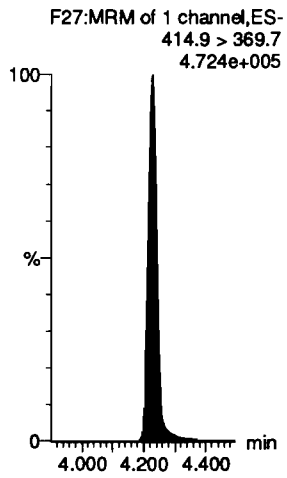
13C3-PFHxS-EIS



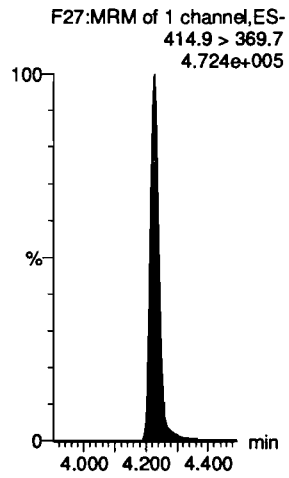
13C2-6:2 FTS-EIS



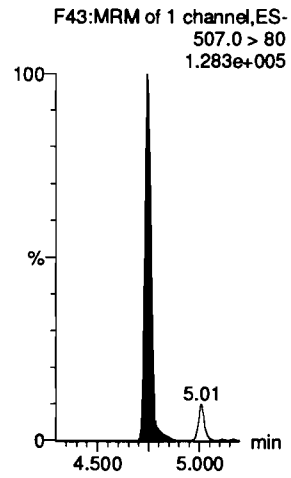
13C2-PFOA-EIS



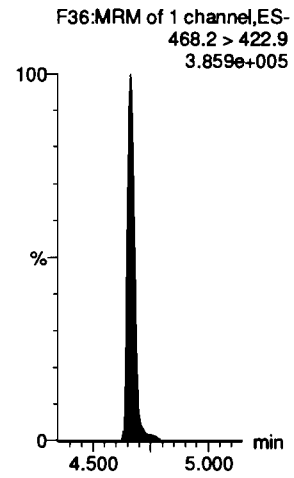
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

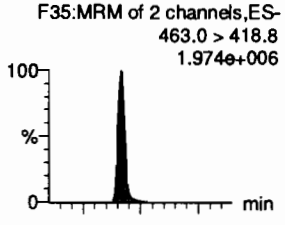


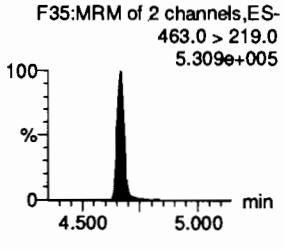
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_9, Date: 09-Jul-2020, Time: 17:25:40, ID: ST200709M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

PFNA





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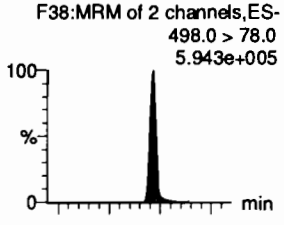
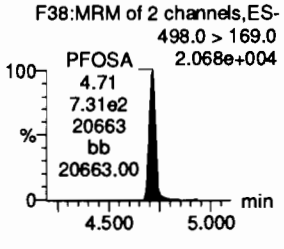
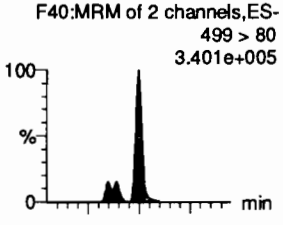
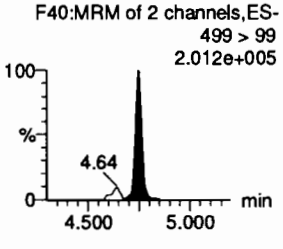


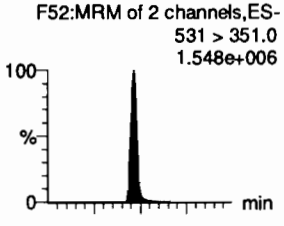


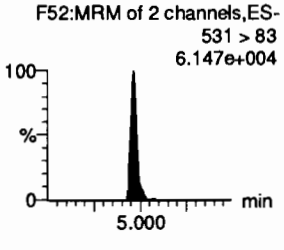
L-PFOS



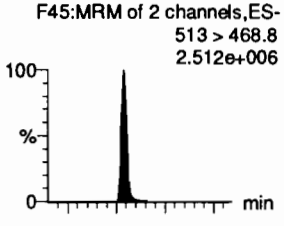


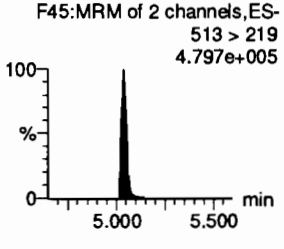
9Cl-PF30NS



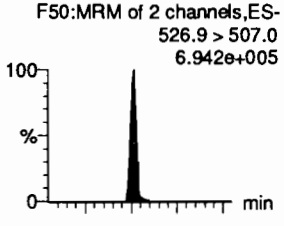


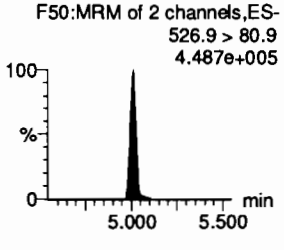
PFDA



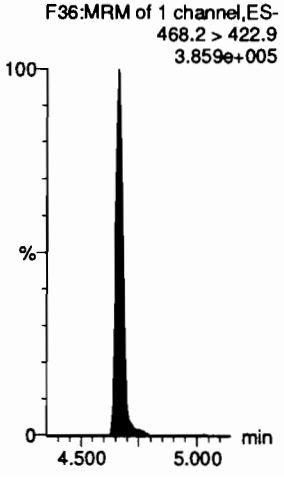


8:2 FTS

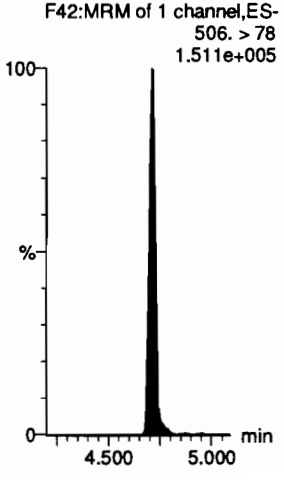




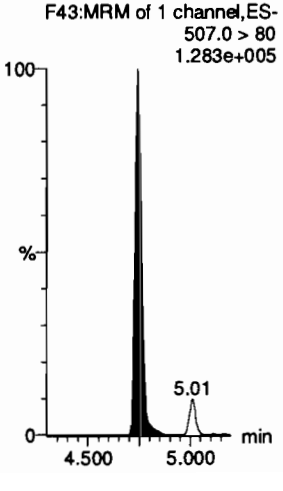
13C5-PFNA-EIS



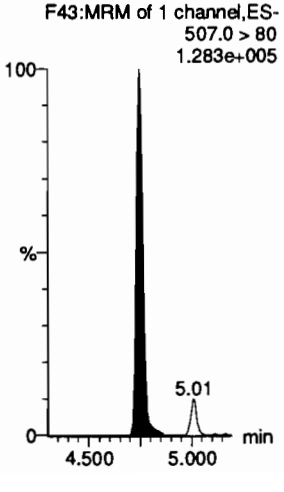
13C8-PFOSA-EIS



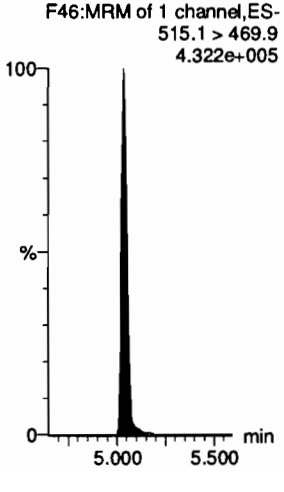
13C8-PFOS-EIS



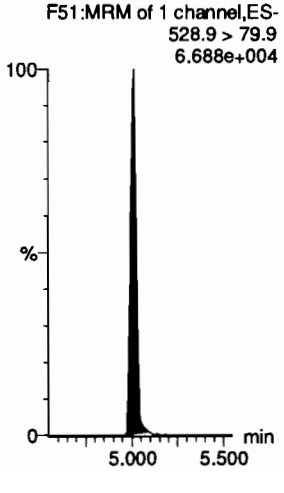
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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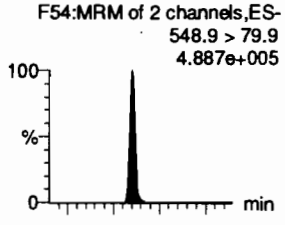
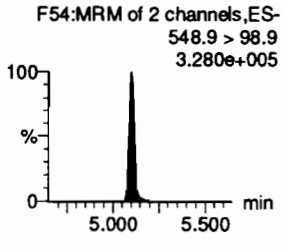
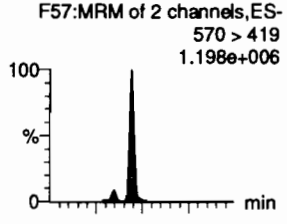
Name: 200709M1_9, Date: 09-Jul-2020, Time: 17:25:40, ID: ST200709M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

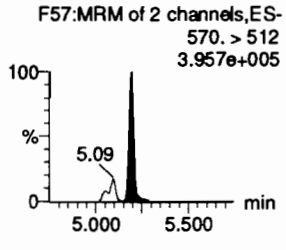
PFNS



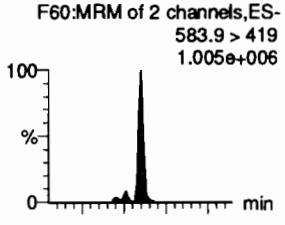


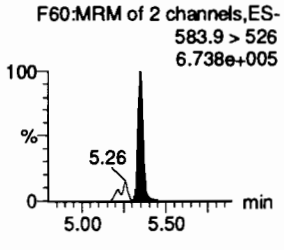
L-MeFOSAA



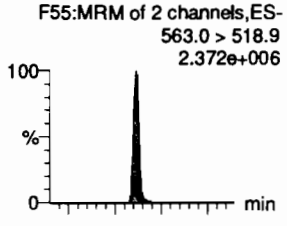


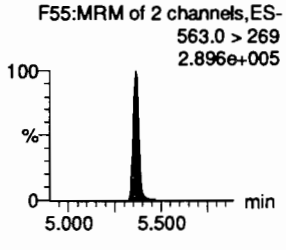
L-EtFOSAA



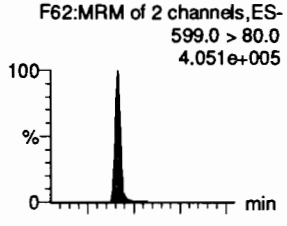


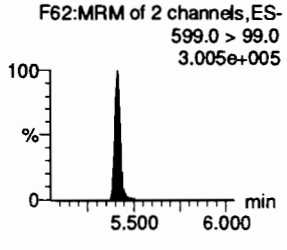
PFUdA



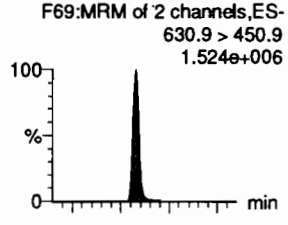


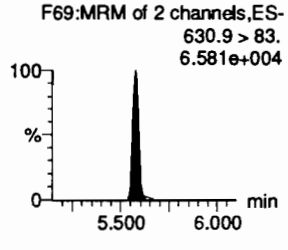
PFDS



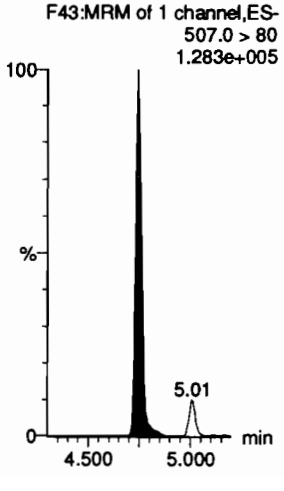


11Cl-PF30UdS

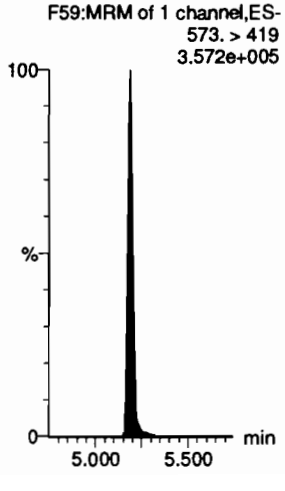




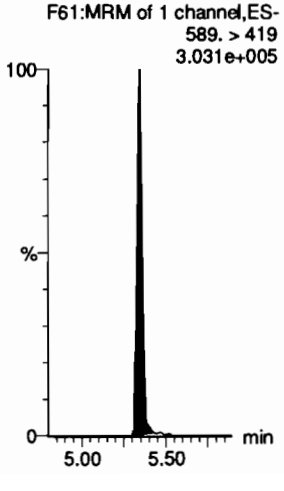
13C8-PFOS-EIS



d3-N-MeFOSAA-EIS



d5-N-EtFOSAA-EIS



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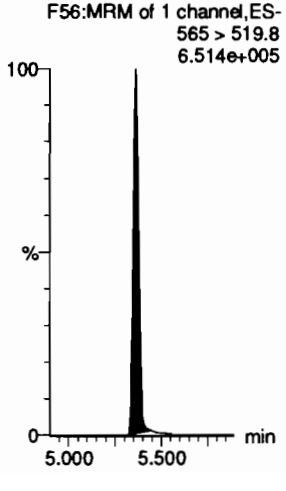
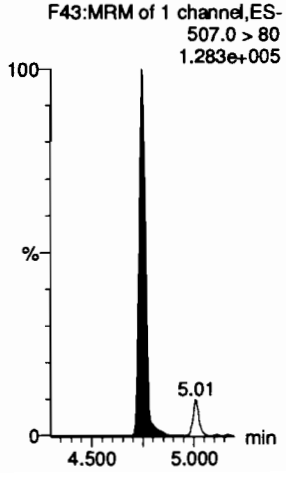
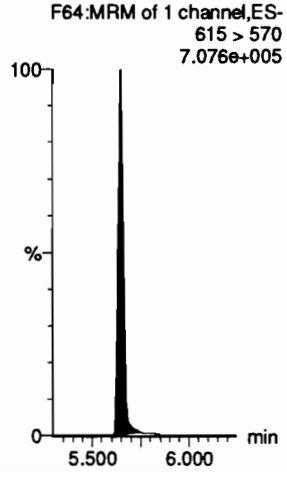


13C8-PFOS-EIS



13C2-PFDoA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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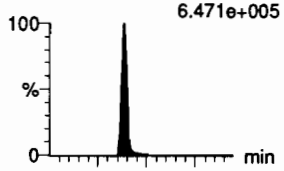
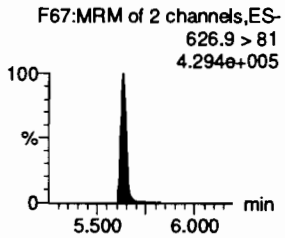
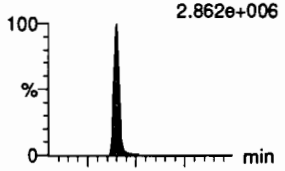
Name: 200709M1_9, Date: 09-Jul-2020, Time: 17:25:40, ID: ST200709M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

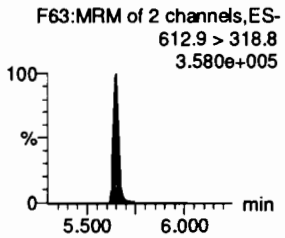
10:2 FTS



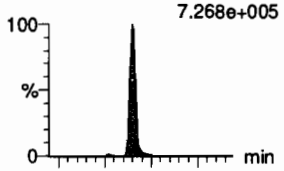


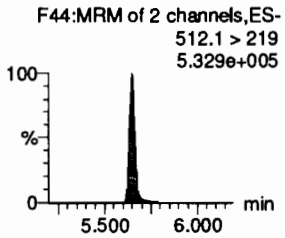
PFDoA



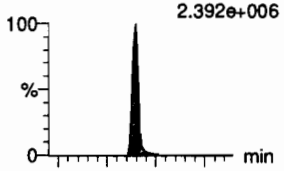


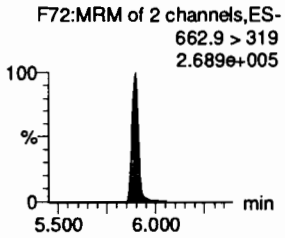
N-MeFOSA



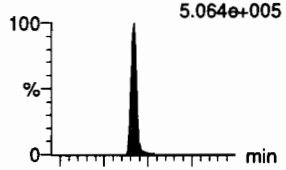


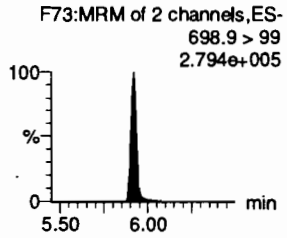
PFTrDA



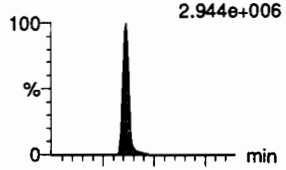


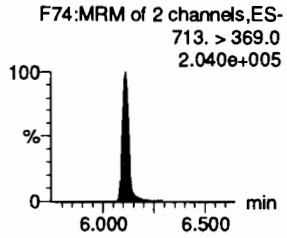
PFDoS



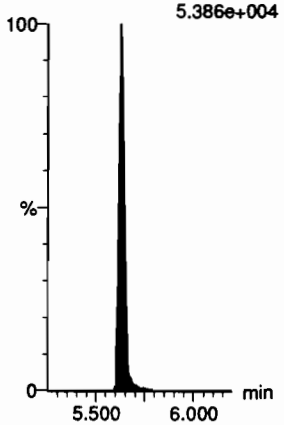


PFTeDA

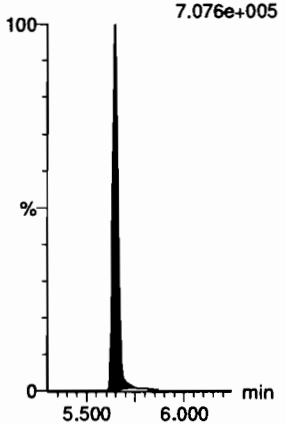




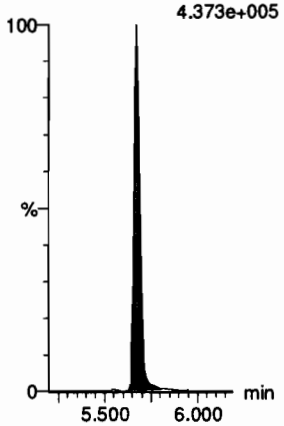
13C2-10:2 FTS-EIS



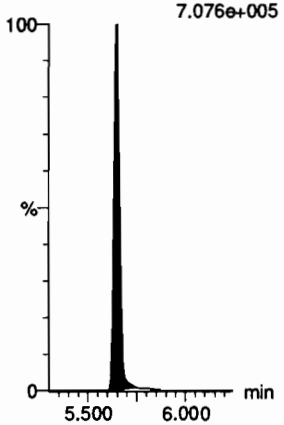
13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



13C2-PFDoA-EIS



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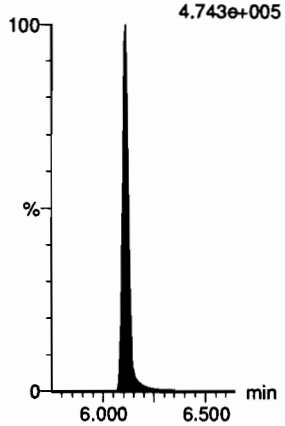
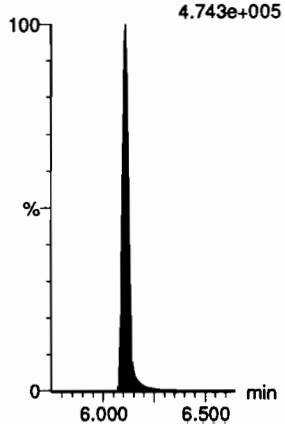


13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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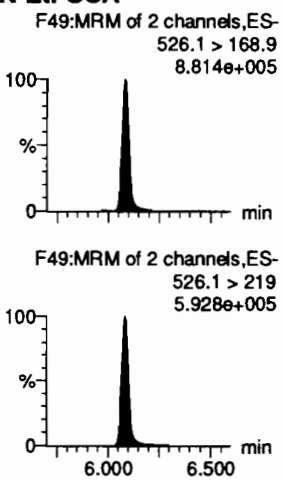
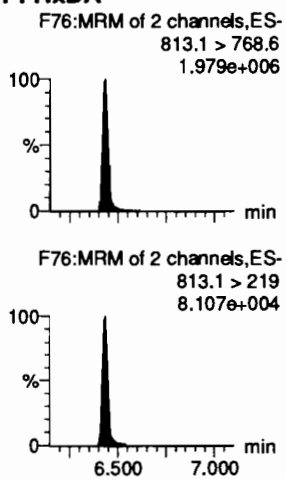
Name: 200709M1_9, Date: 09-Jul-2020, Time: 17:25:40, ID: ST200709M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

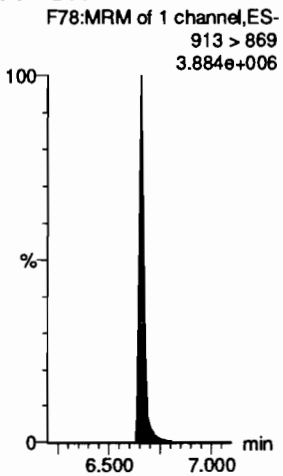
N-EtFOSA



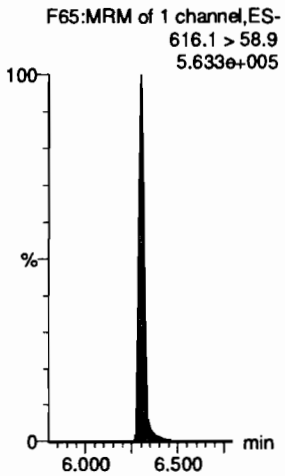
PFHxDA



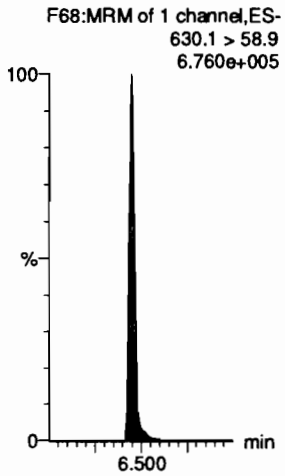
PFODA



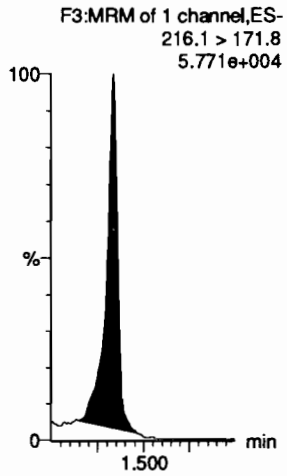
N-MeFOSE



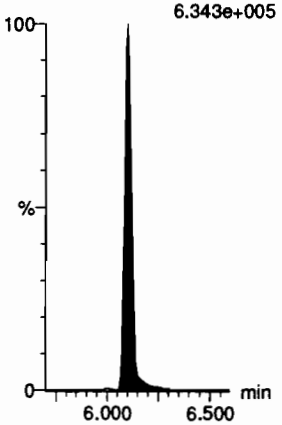
N-EtFOSE



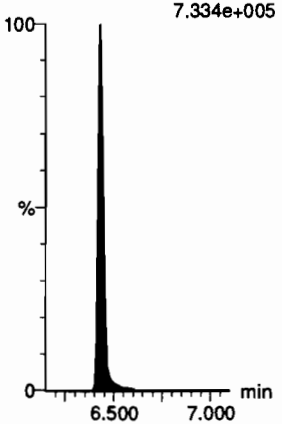
13C3-PFBA-RSD



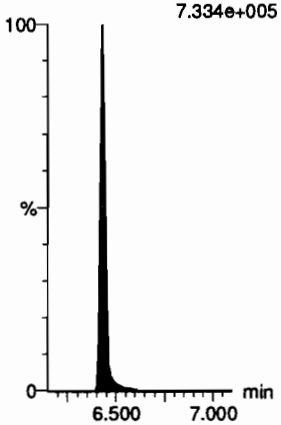
d5-N-ETFOSA-EIS



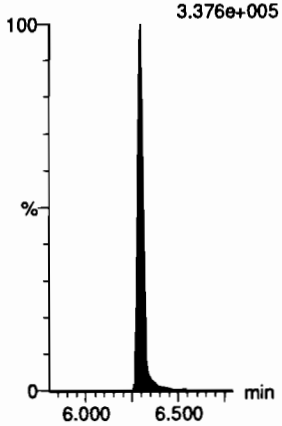
13C2-PFHxDA-EIS



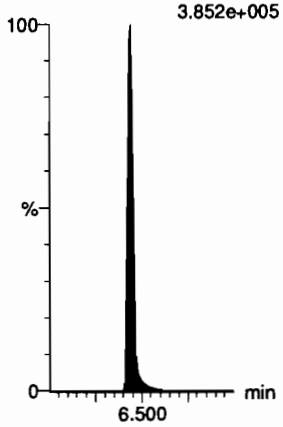
13C2-PFHxDA-EIS



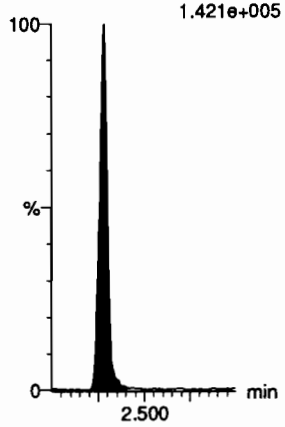
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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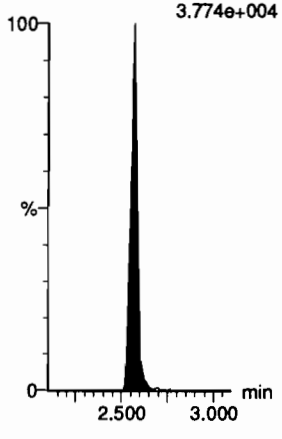
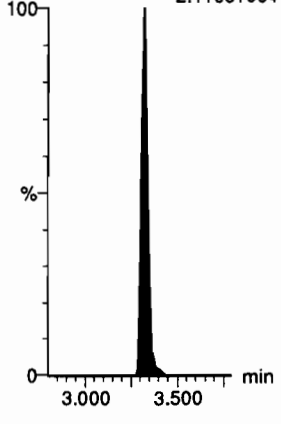
Name: 200709M1_9, Date: 09-Jul-2020, Time: 17:25:40, ID: ST200709M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

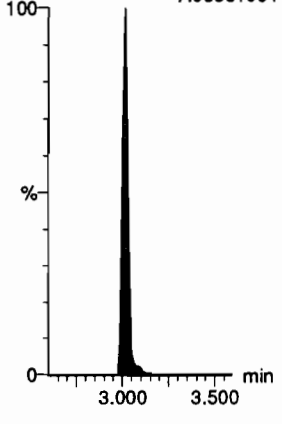
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.774e+004



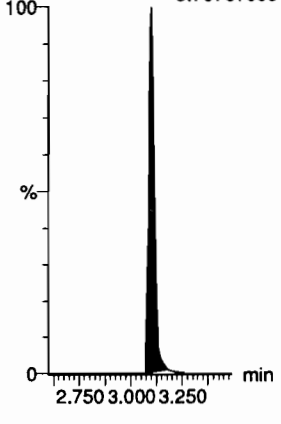
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.110e+004



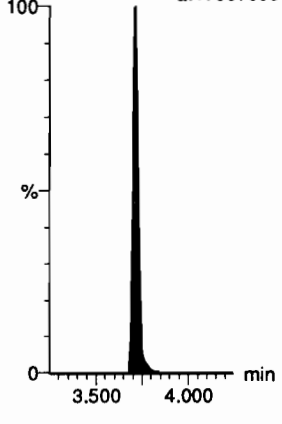
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
7.098e+004



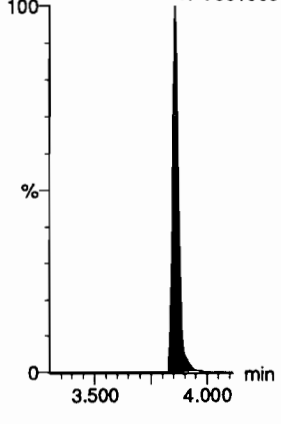
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.707e+005



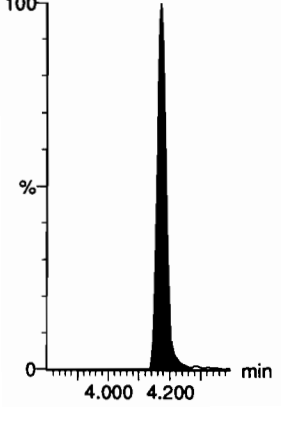
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.170e+005



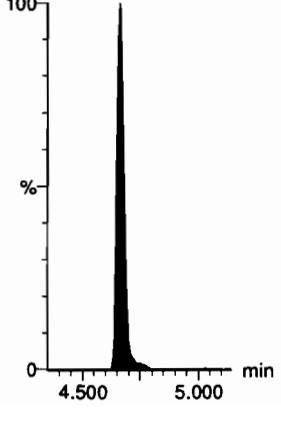
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.173e+005



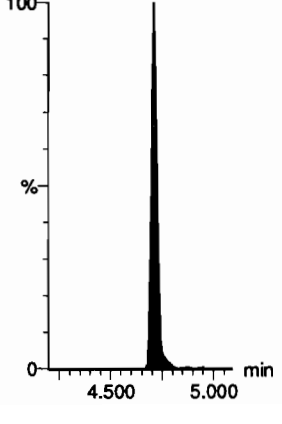
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.196e+004



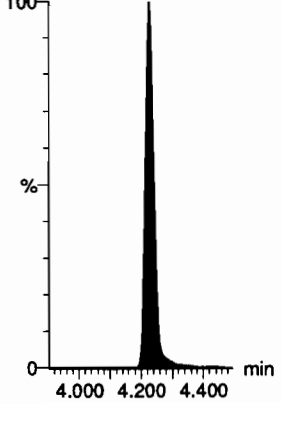
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.859e+005



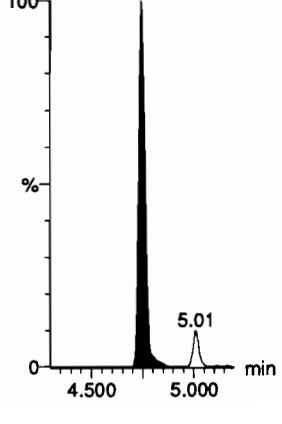
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.511e+005



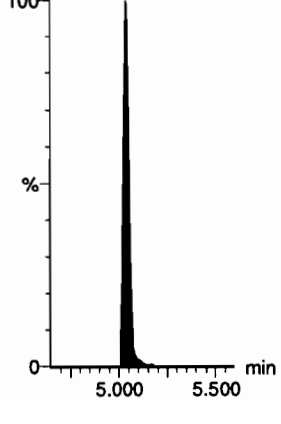
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.724e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.283e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.322e+005



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

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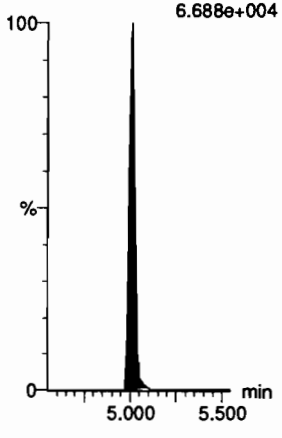
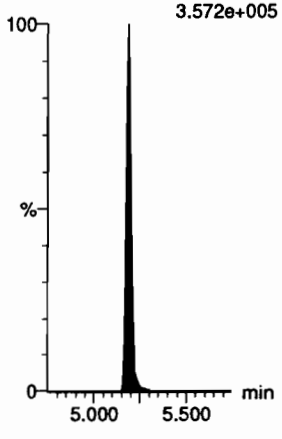
Name: 200709M1_9, Date: 09-Jul-2020, Time: 17:25:40, ID: ST200709M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

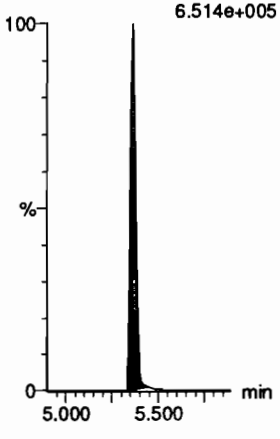
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.688e+004



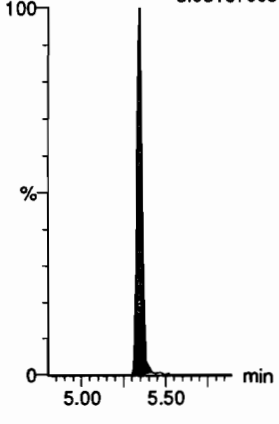
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.572e+005



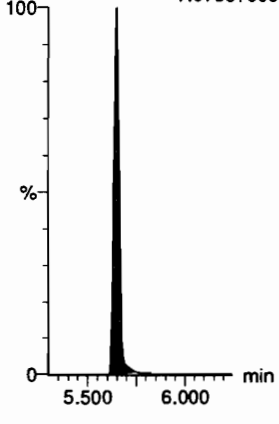
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
6.514e+005



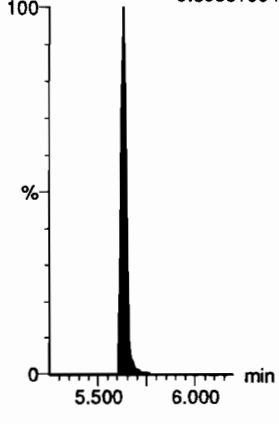
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
3.031e+005



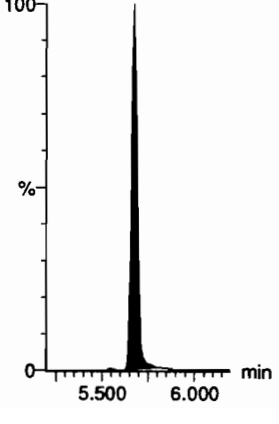
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
7.076e+005



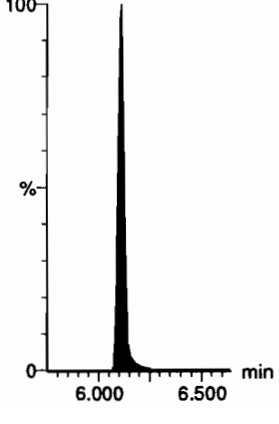
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.386e+004



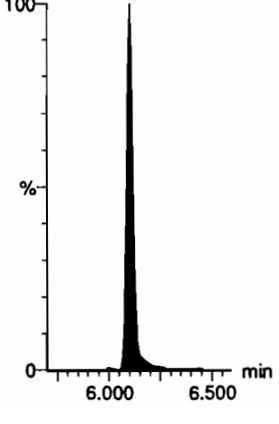
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.373e+005



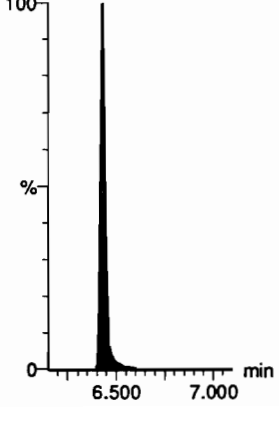
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.743e+005



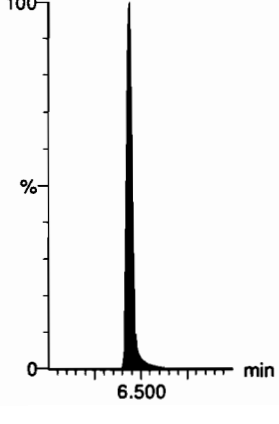
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.343e+005



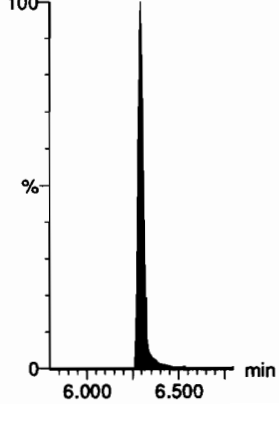
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.334e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.852e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.376e+005

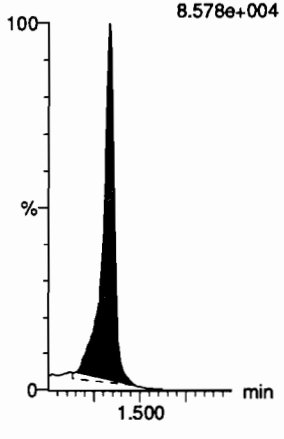


Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

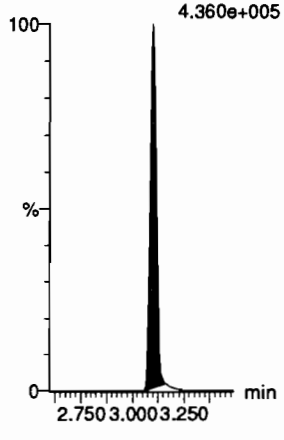
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_9, Date: 09-Jul-2020, Time: 17:25:40, ID: ST200709M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

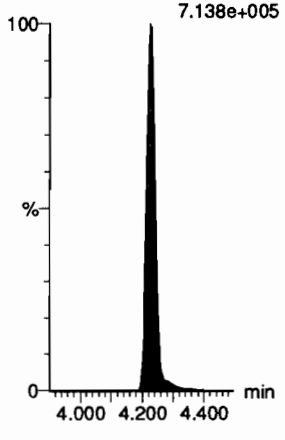
13C4-PFBA



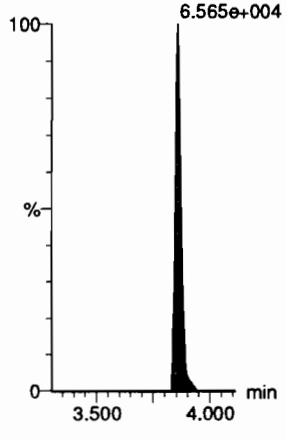
13C5-PFHxA



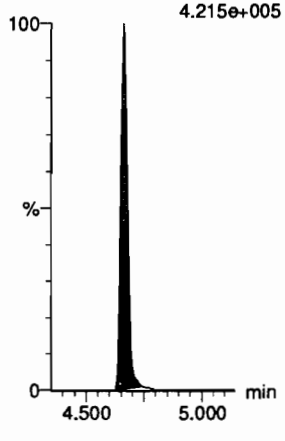
13C8-PFOA



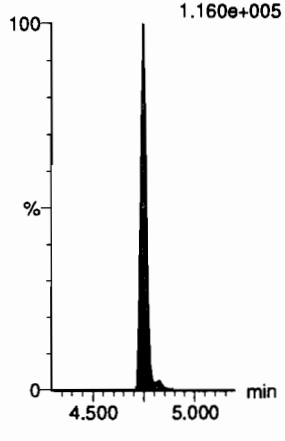
18O2-PFHxS



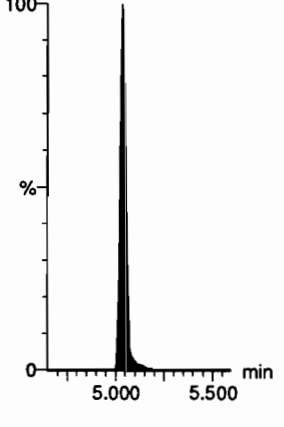
13C9-PFNA



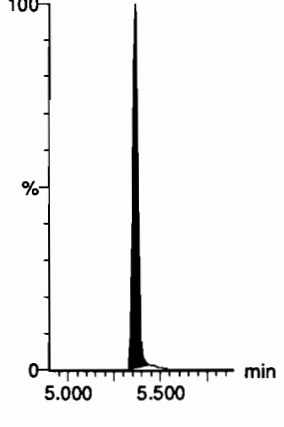
13C4-PFOS



13C6-PFDA



13C7-PFUdA

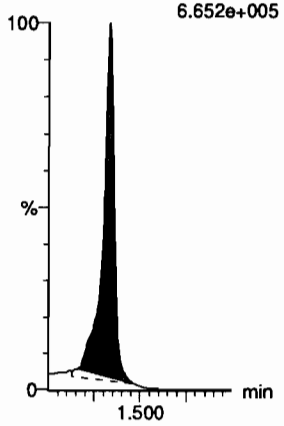


Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

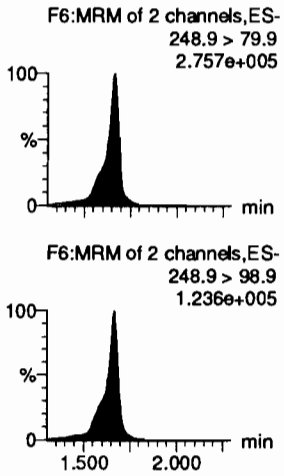
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_10, Date: 09-Jul-2020, Time: 17:36:06, ID: ST200709M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

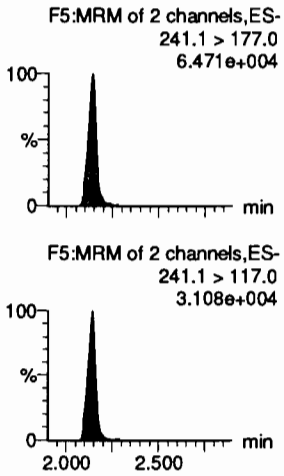
PFBA



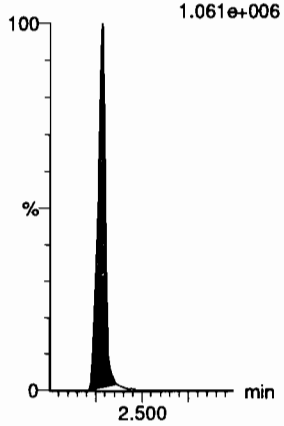
PFPrS



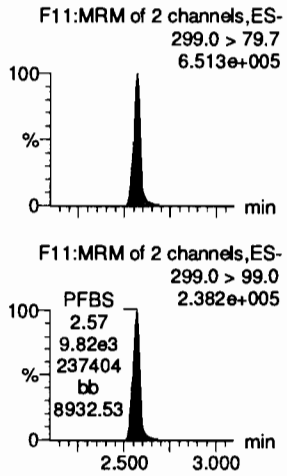
3:3 FTCA



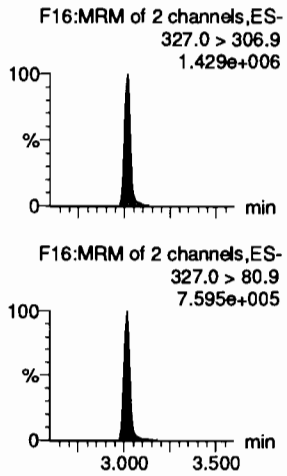
PFPeA



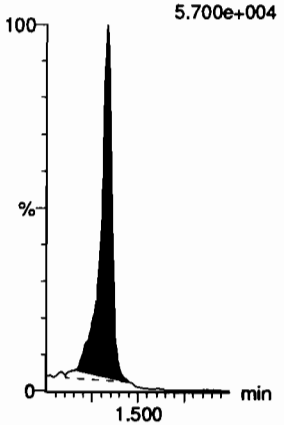
PFBS



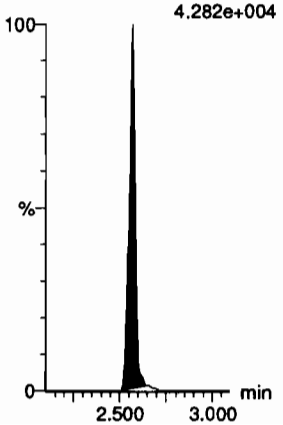
4:2 FTS



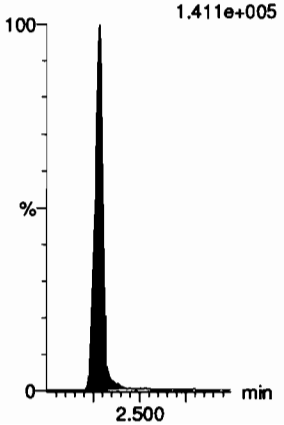
13C3-PFBA-EIS



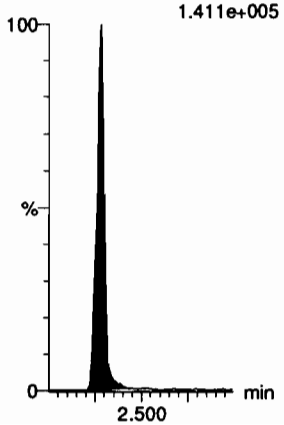
13C3-PFBS-EIS



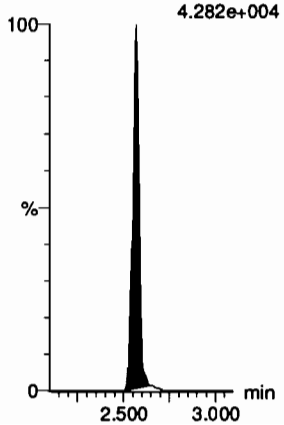
13C3-PFPeA-EIS



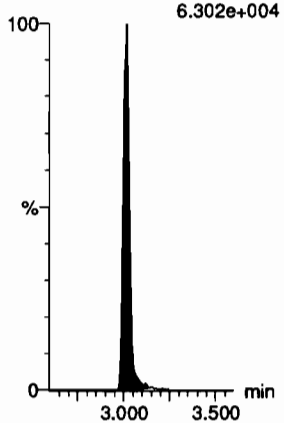
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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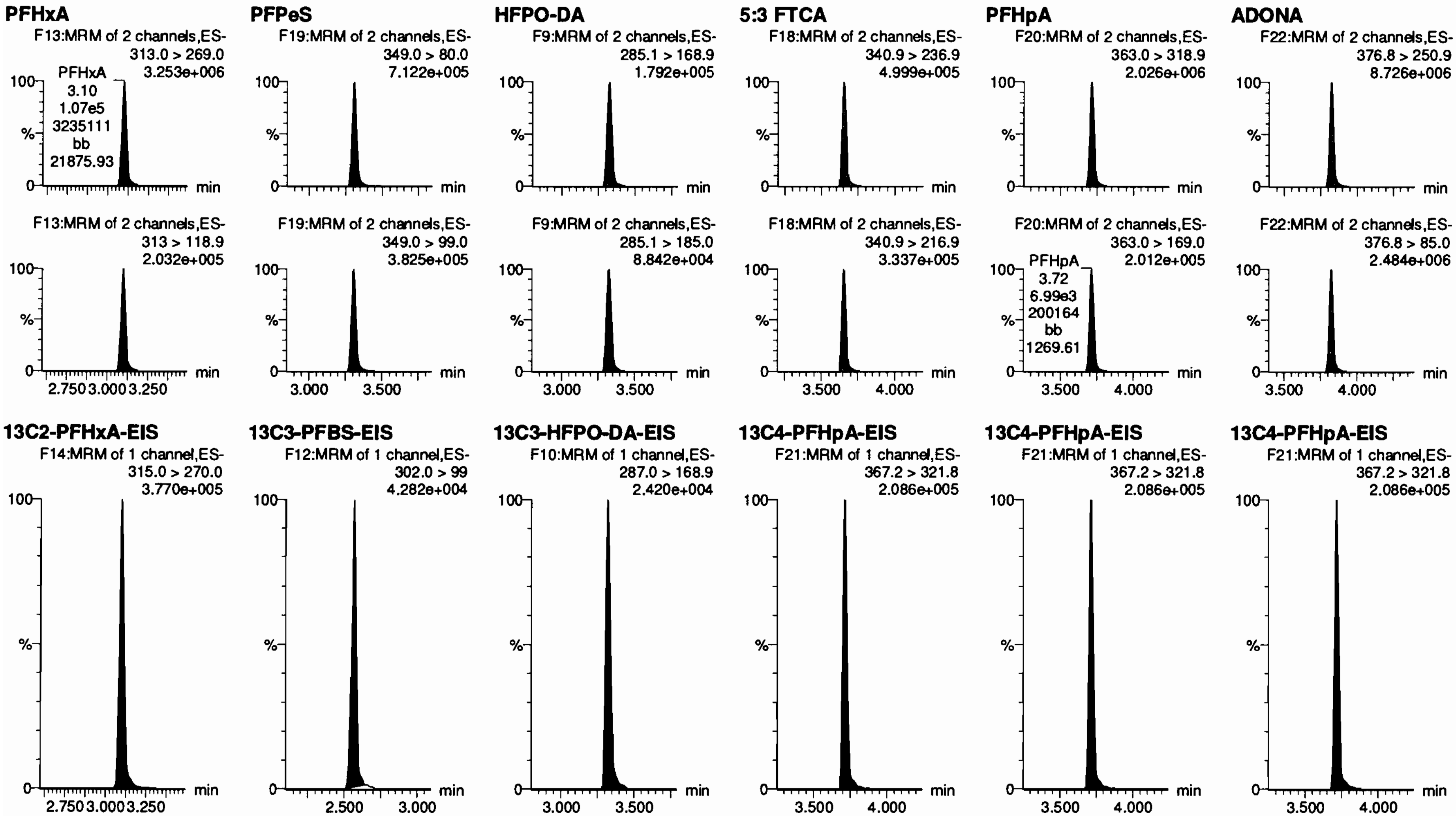
Name: 200709M1_10, Date: 09-Jul-2020, Time: 17:36:06, ID: ST200709M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

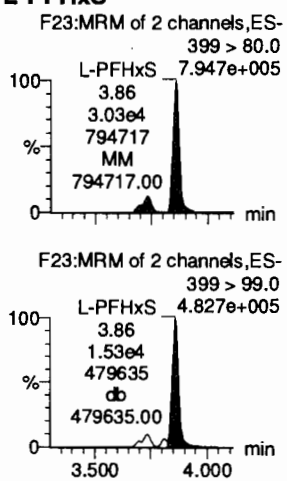


Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

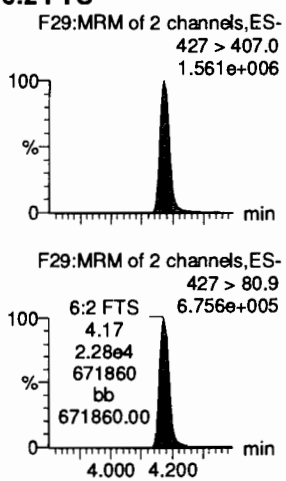
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_10, Date: 09-Jul-2020, Time: 17:36:06, ID: ST200709M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

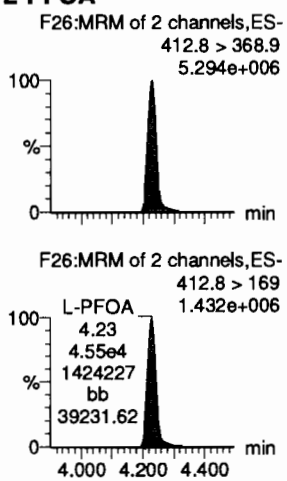
L-PFHxS



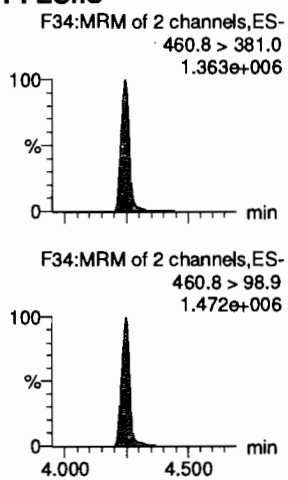
6:2 FTS



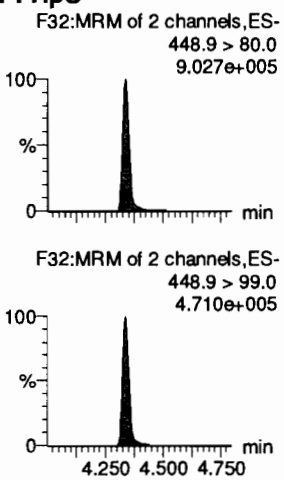
L-PFOA



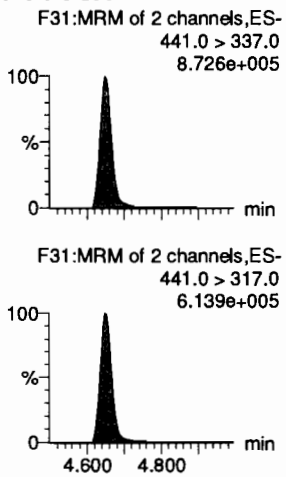
PFEChS



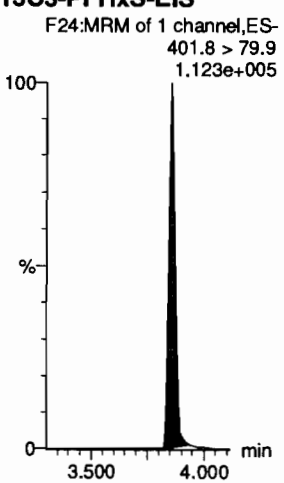
PFHpS



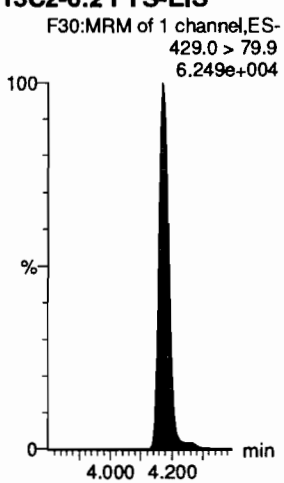
7:3 FTCA



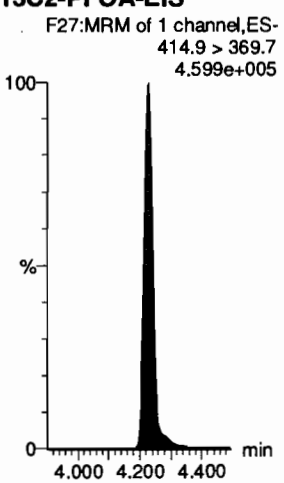
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS

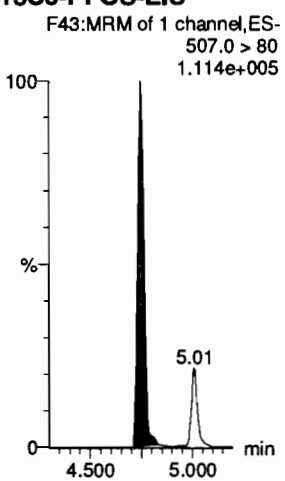


13C2-PFOA-EIS

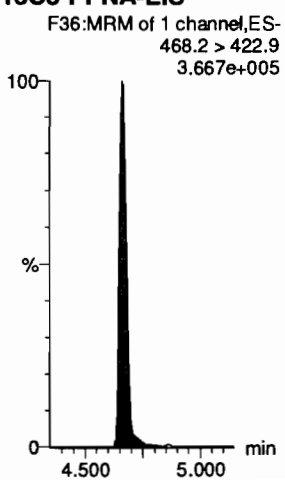


13C2-PFOA-EIS

13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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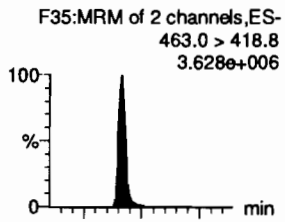
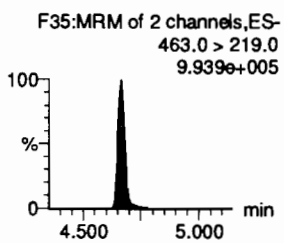
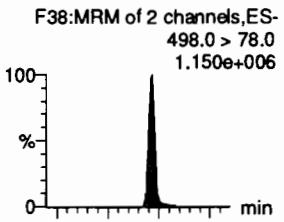
Name: 200709M1_10, Date: 09-Jul-2020, Time: 17:36:06, ID: ST200709M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

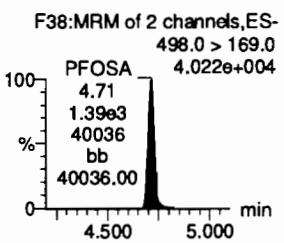
PFNA



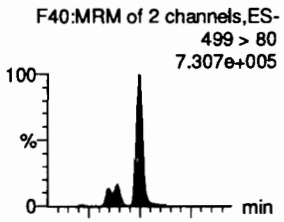


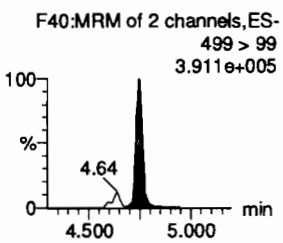
PFOSA



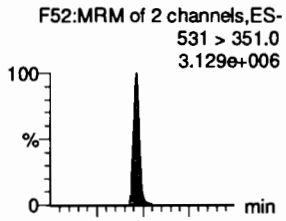


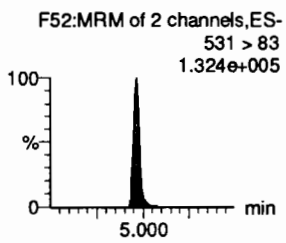
L-PFOS



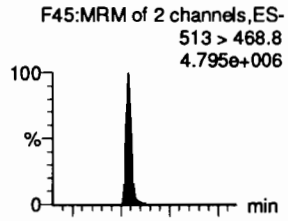


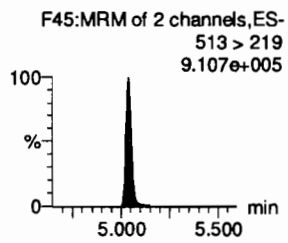
9Cl-PF30NS



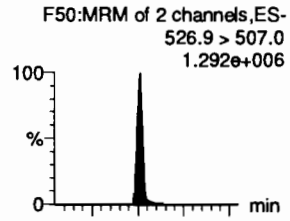


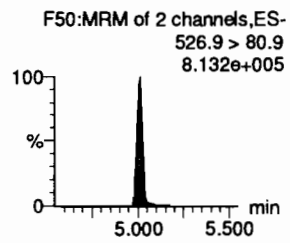
PFDA



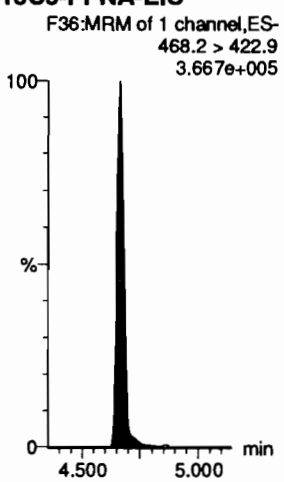


8:2 FTS

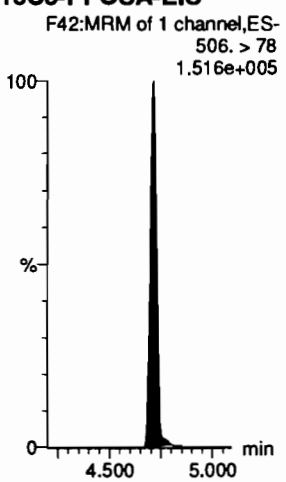




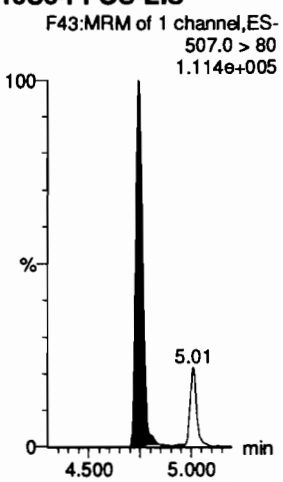
13C5-PFNA-EIS



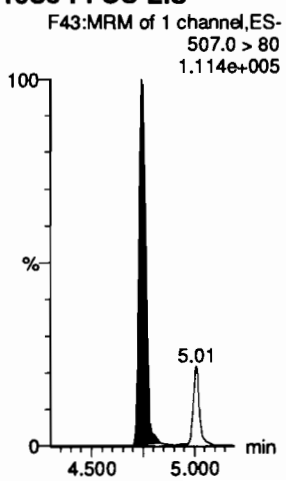
13C8-PFOSA-EIS



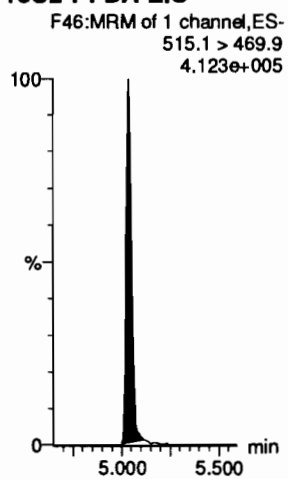
13C8-PFOS-EIS



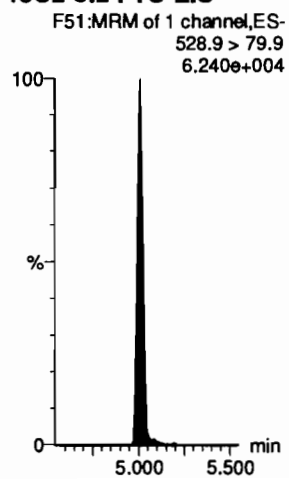
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS

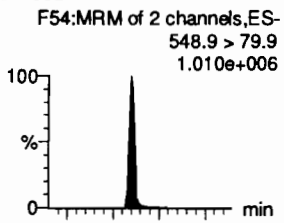


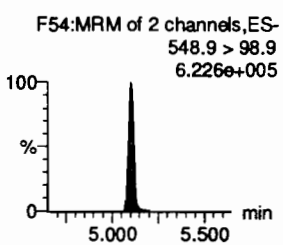
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

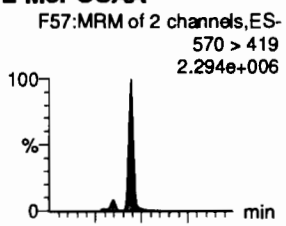
Name: 200709M1_10, Date: 09-Jul-2020, Time: 17:36:06, ID: ST200709M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

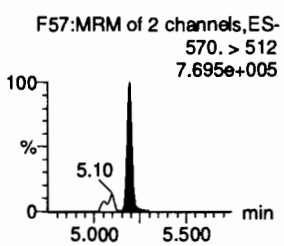
PFNS



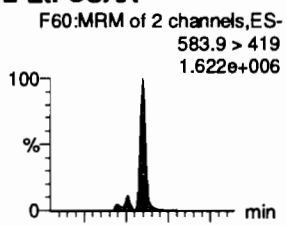


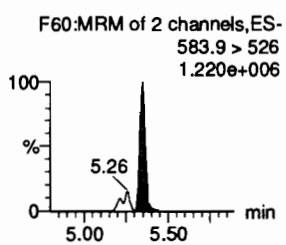
L-MeFOSAA



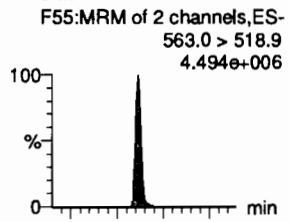


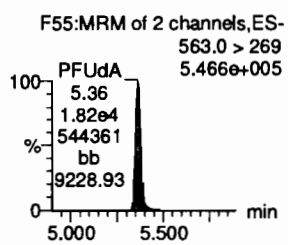
L-EtFOSAA



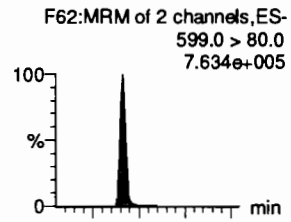


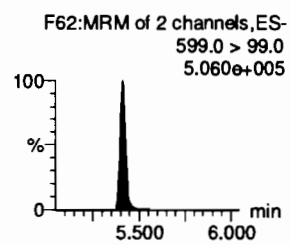
PFUdA



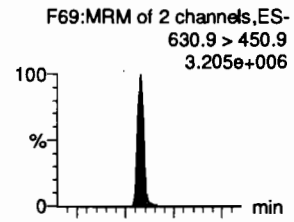


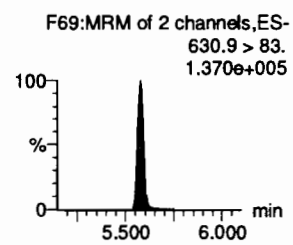
PFDS



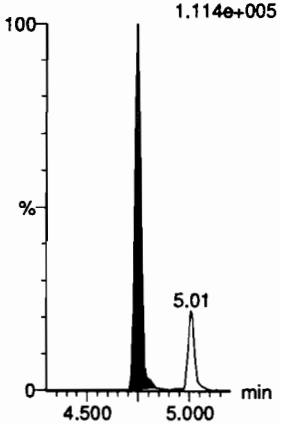


11Cl-PF30UdS

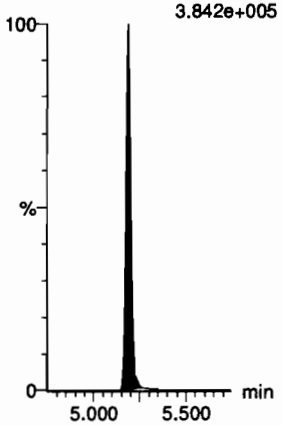




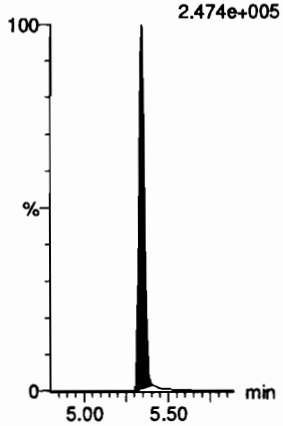
13C8-PFOS-EIS



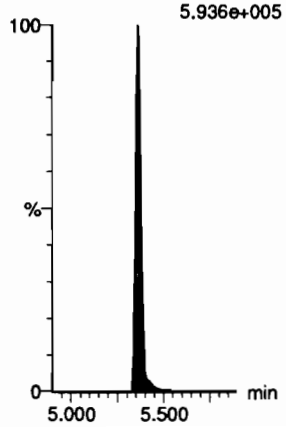
d3-N-MeFOSAA-EIS



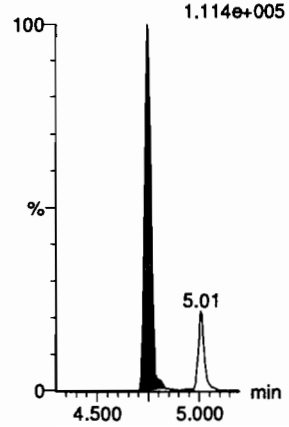
d5-N-EtFOSAA-EIS



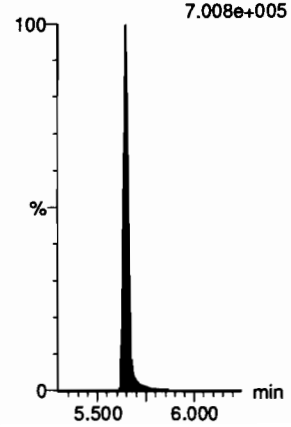
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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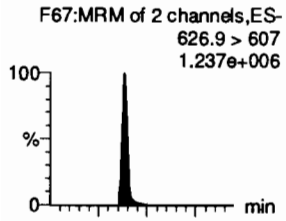
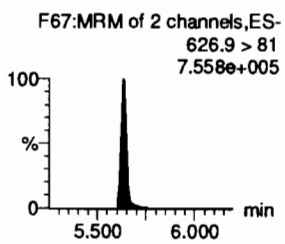
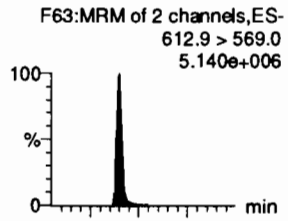
Name: 200709M1_10, Date: 09-Jul-2020, Time: 17:36:06, ID: ST200709M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

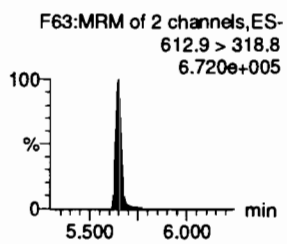
10:2 FTS



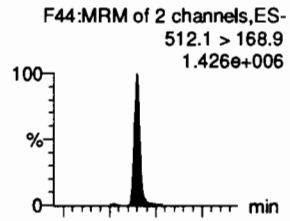


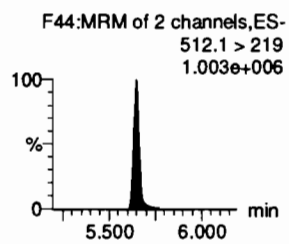
PFDoA



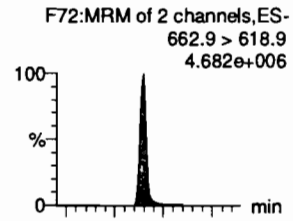


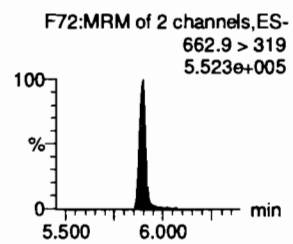
N-MeFOSA



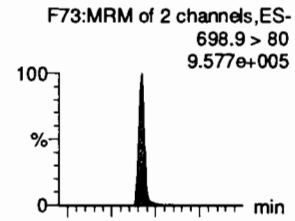


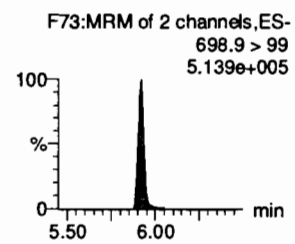
PFTrDA



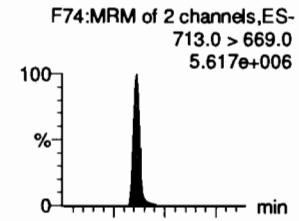


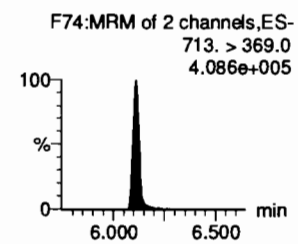
PFDoS



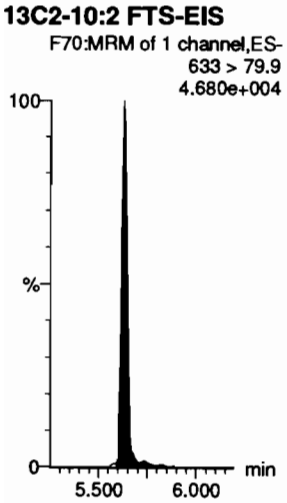


PFTeDA

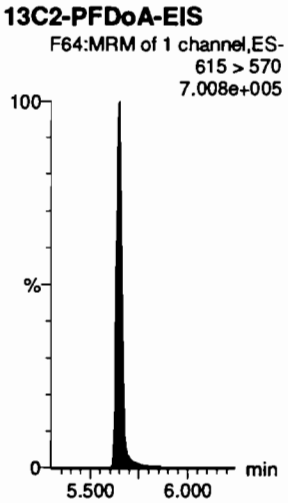




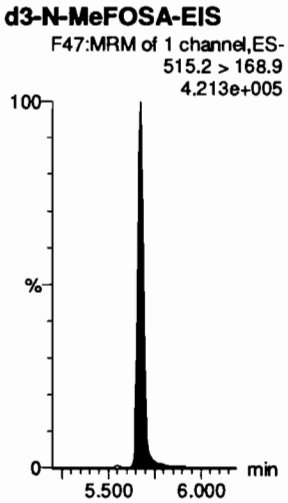
13C2-10:2 FTS-EIS



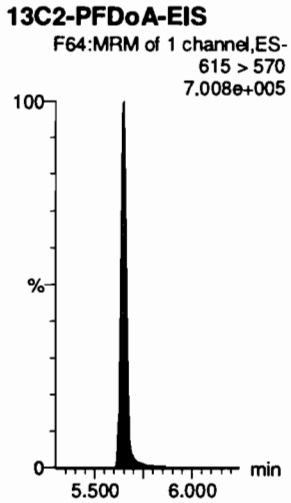
13C2-PFDoA-EIS



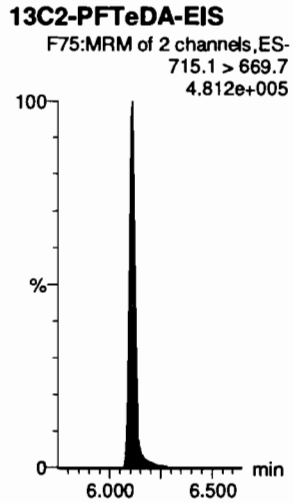
d3-N-MeFOSA-EIS



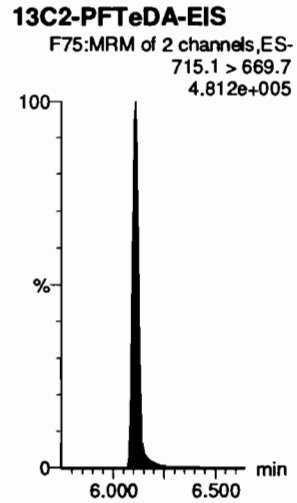
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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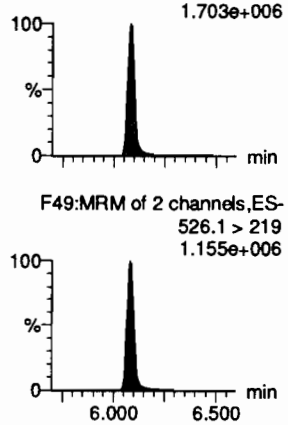
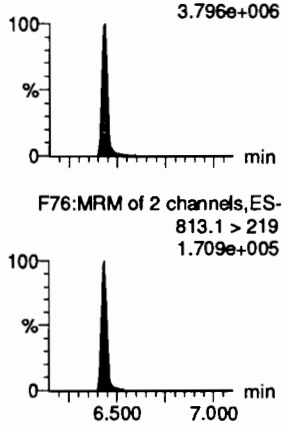
Name: 200709M1_10, Date: 09-Jul-2020, Time: 17:36:06, ID: ST200709M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

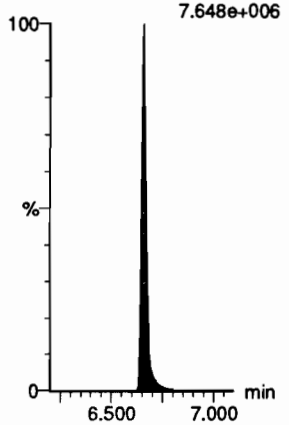
N-EtFOSA



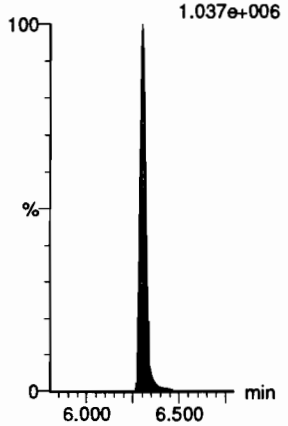
PFHxDA



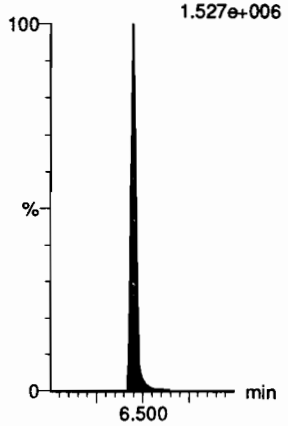
PFODA



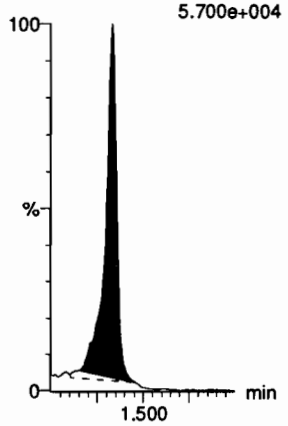
N-MeFOSE



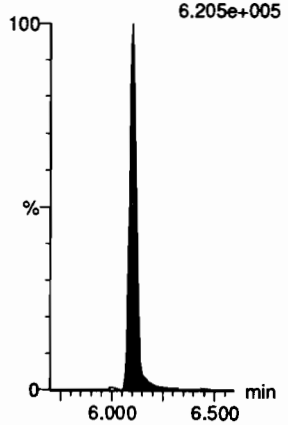
N-EtFOSE



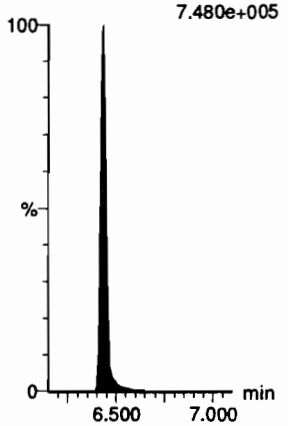
13C3-PFBA-RSD



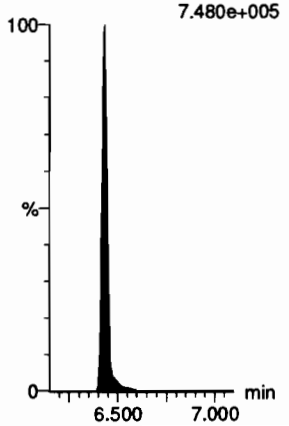
d5-N-ETFOSA-EIS



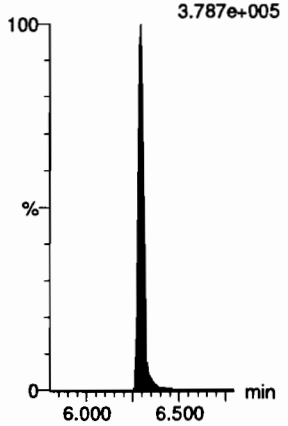
13C2-PFHxDA-EIS



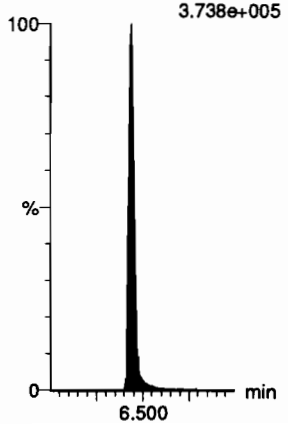
13C2-PFHxDA-EIS



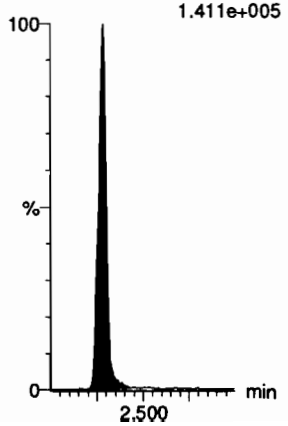
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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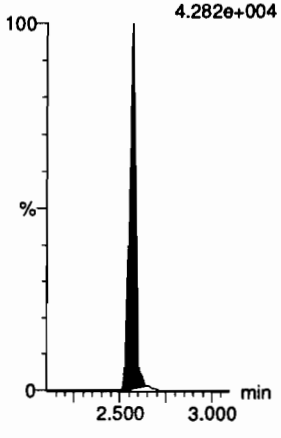
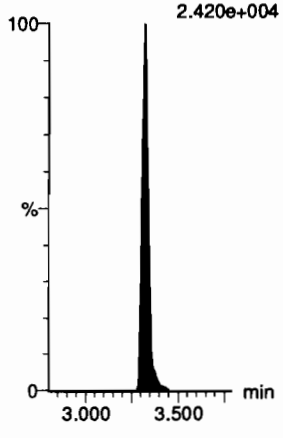
Name: 200709M1_10, Date: 09-Jul-2020, Time: 17:36:06, ID: ST200709M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

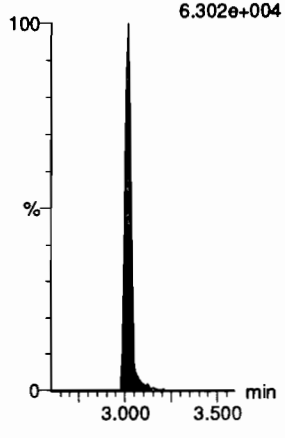
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
4.282e+004



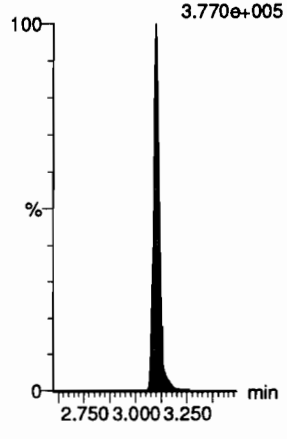
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
2.420e+004



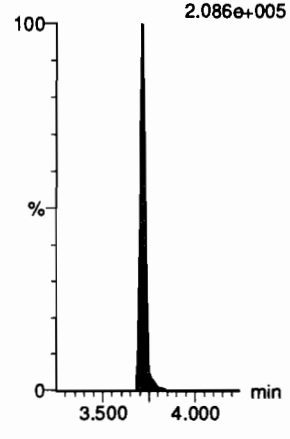
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
6.302e+004



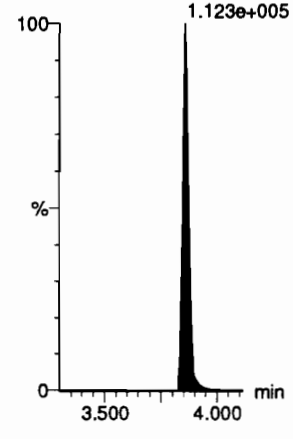
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.770e+005



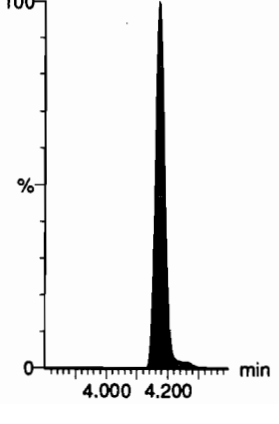
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
2.086e+005



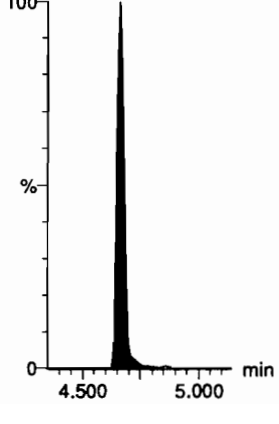
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
1.123e+005



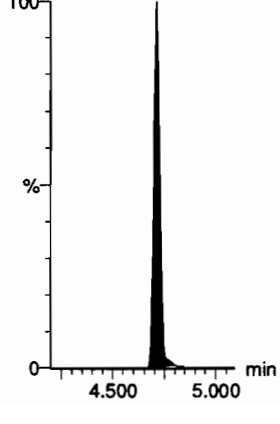
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
6.249e+004



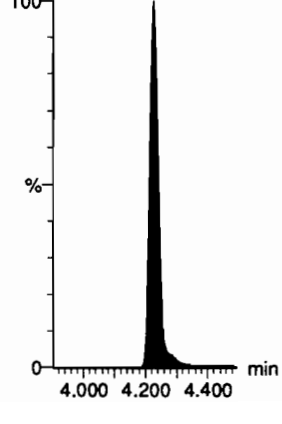
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.667e+005



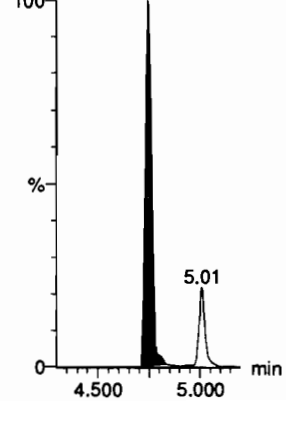
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.516e+005



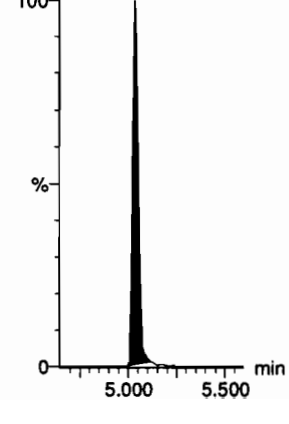
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
4.599e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
1.114e+005



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
4.123e+005



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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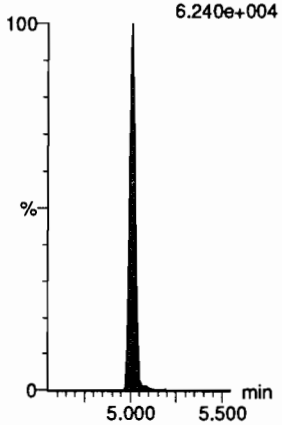
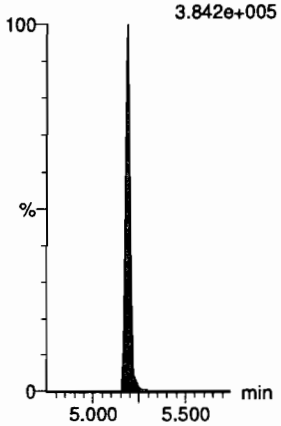
Name: 200709M1_10, Date: 09-Jul-2020, Time: 17:36:06, ID: ST200709M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

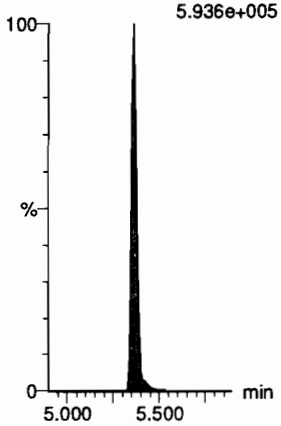
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
6.240e+004



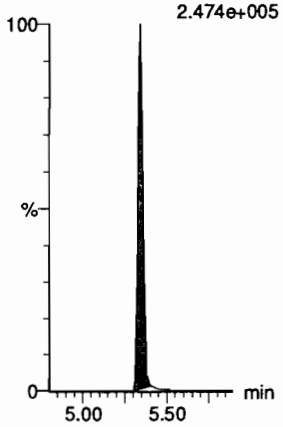
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.842e+005



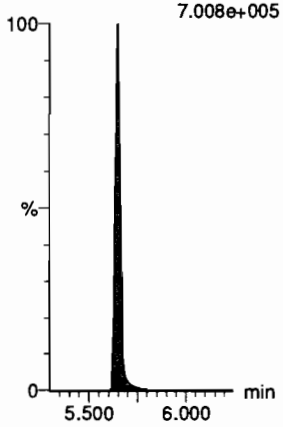
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.936e+005



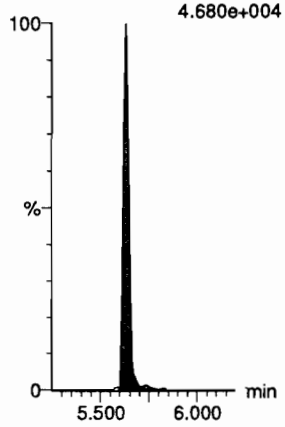
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.474e+005



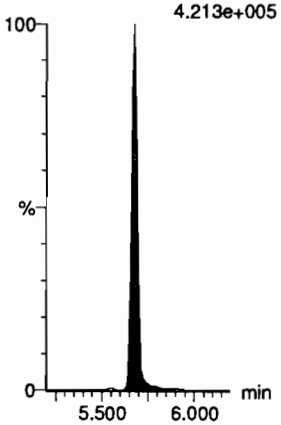
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
7.008e+005



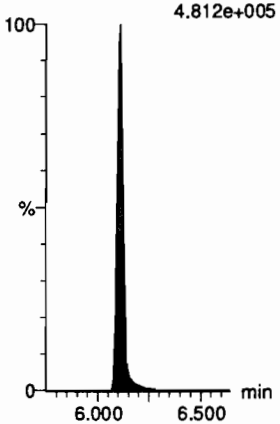
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.680e+004



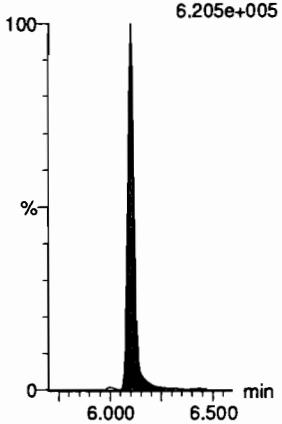
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.213e+005



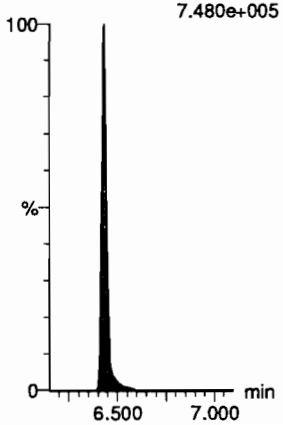
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.812e+005



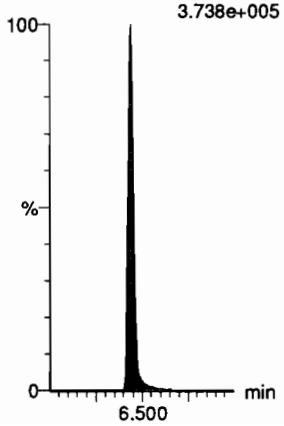
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.205e+005



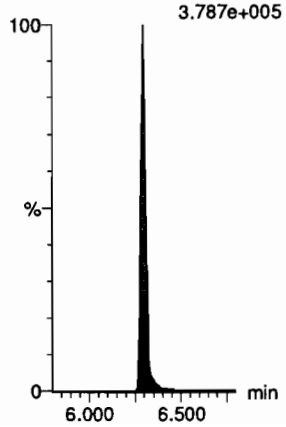
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.480e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.738e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.787e+005



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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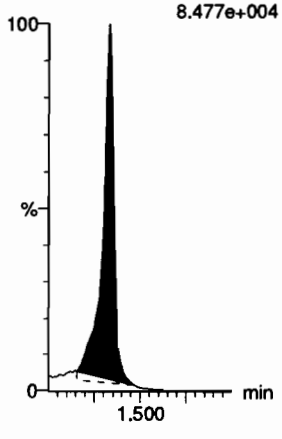
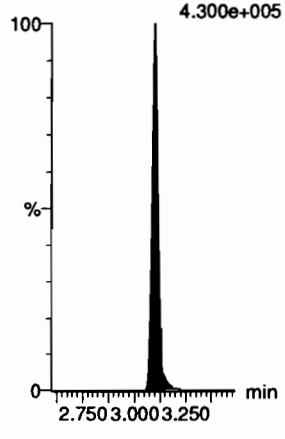
Name: 200709M1_10, Date: 09-Jul-2020, Time: 17:36:06, ID: ST200709M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

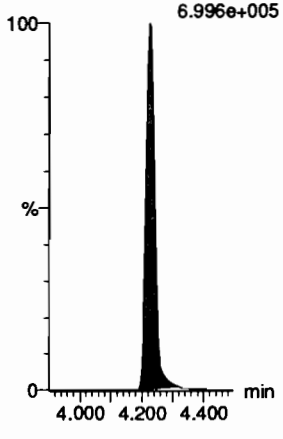
13C4-PFBA



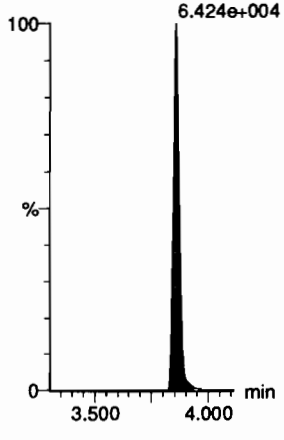
13C5-PFHxA



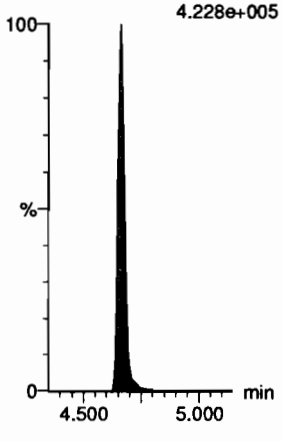
13C8-PFOA



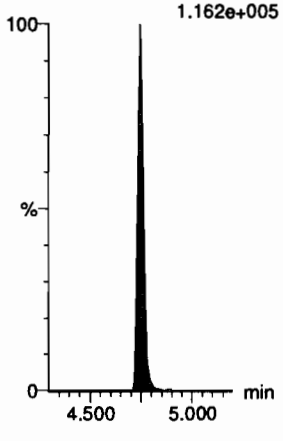
18O2-PFHxS



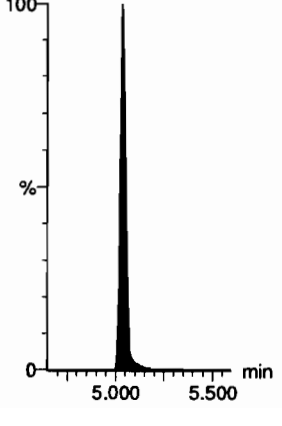
13C9-PFNA



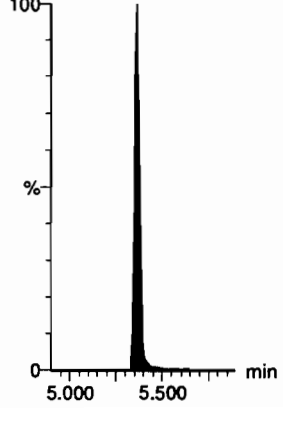
13C4-PFOS



13C6-PFDA



13C7-PFUdA

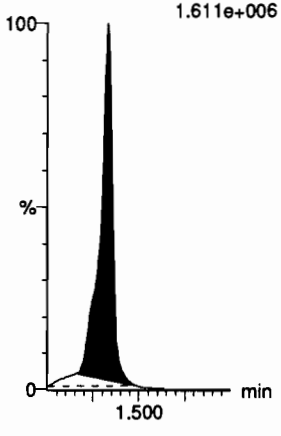


Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

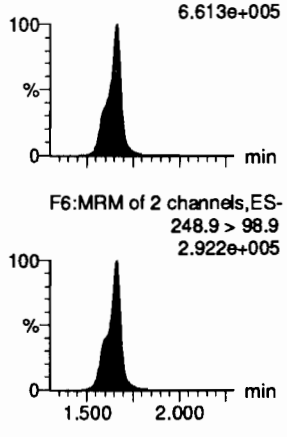
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_11, Date: 09-Jul-2020, Time: 17:46:28, ID: ST200709M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

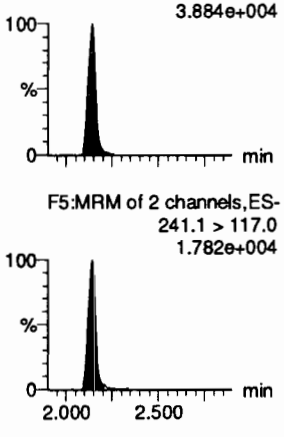
PFBA



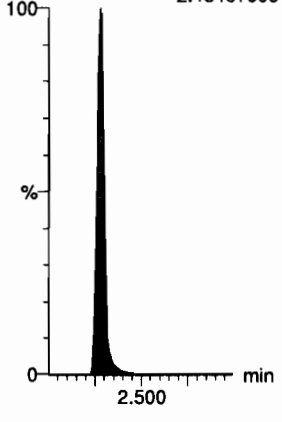
PFPrS



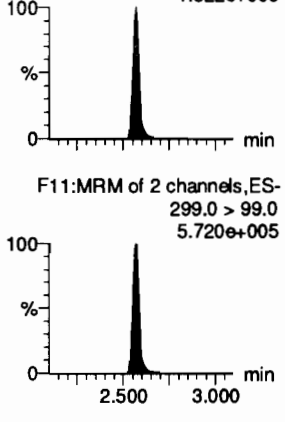
3:3 FTCA



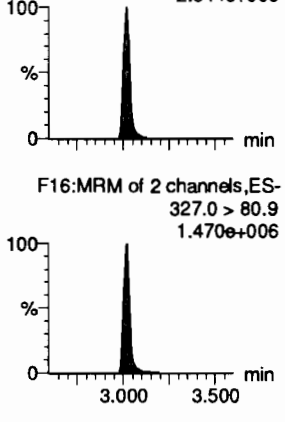
PFPeA



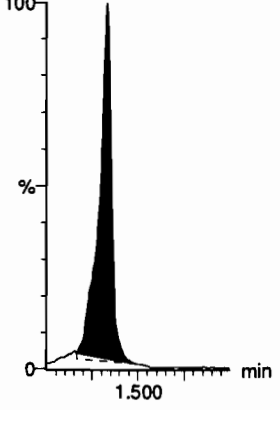
PFBS



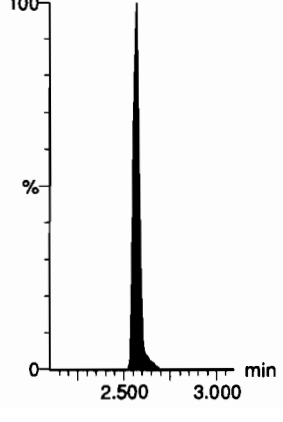
4:2 FTS



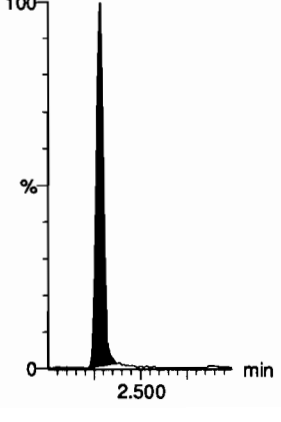
13C3-PFBA-EIS



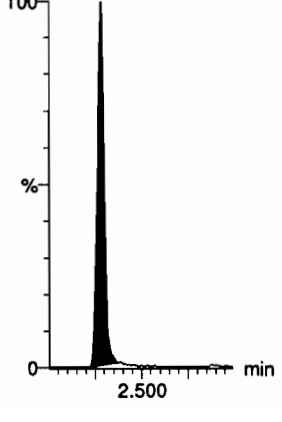
13C3-PFBS-EIS



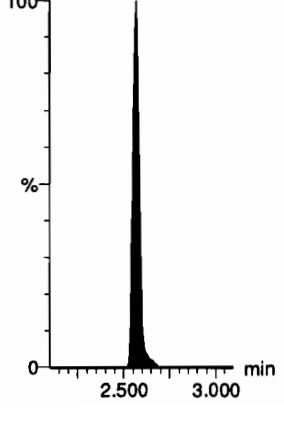
13C3-PFPeA-EIS



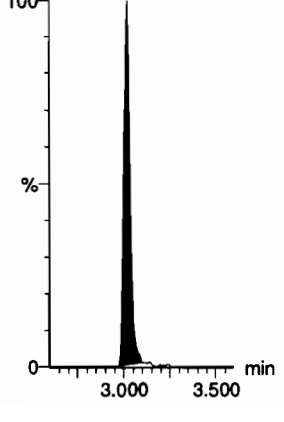
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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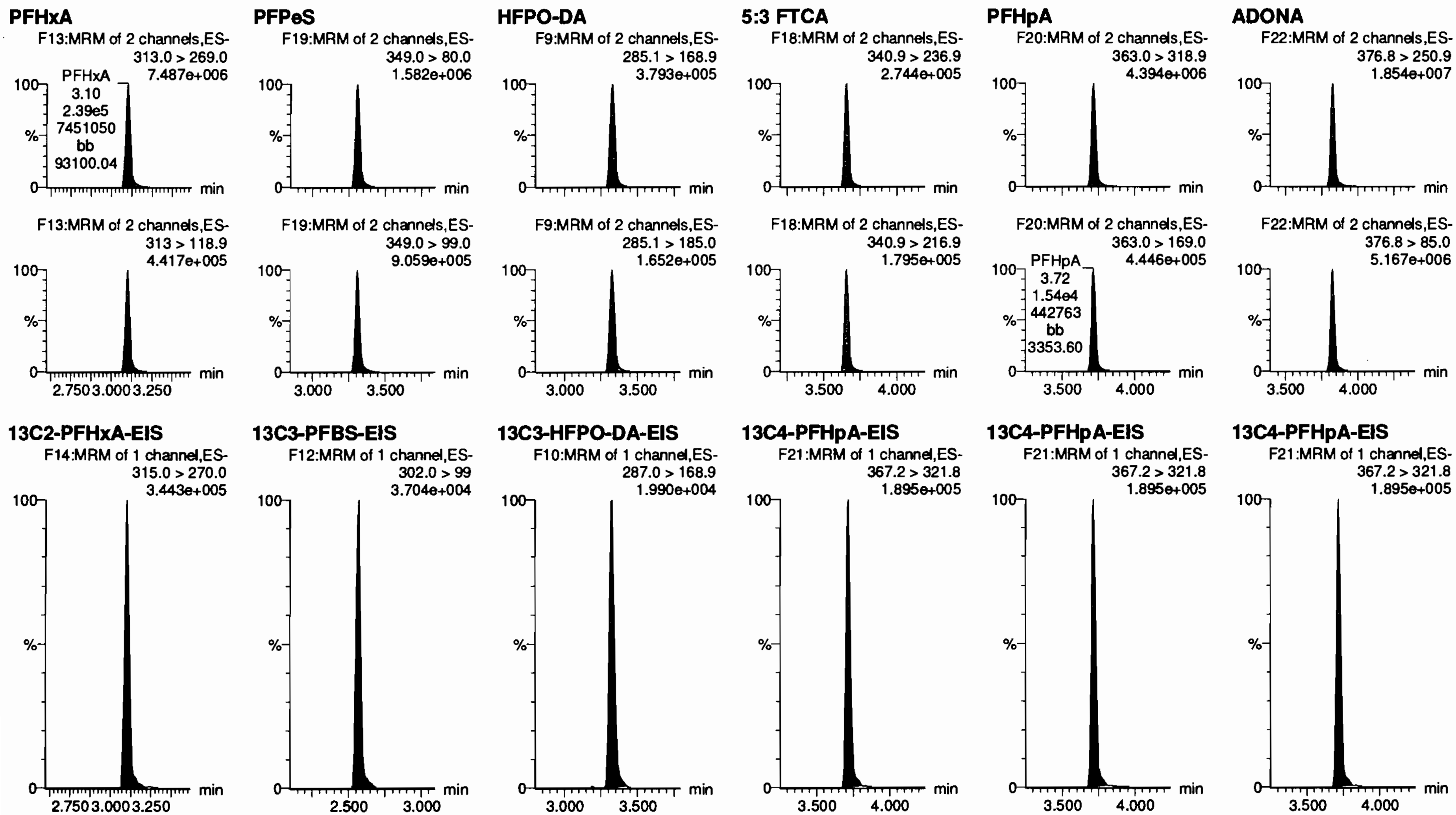
Name: 200709M1_11, Date: 09-Jul-2020, Time: 17:46:28, ID: ST200709M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

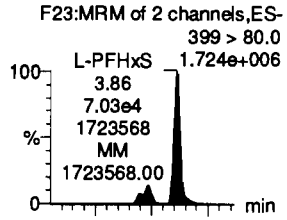


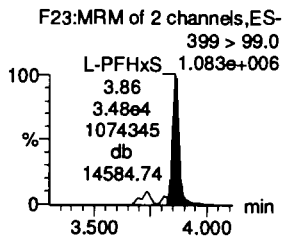
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

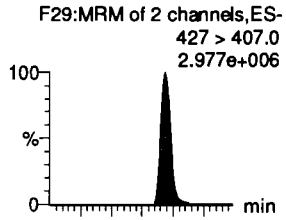
Name: 200709M1_11, Date: 09-Jul-2020, Time: 17:46:28, ID: ST200709M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

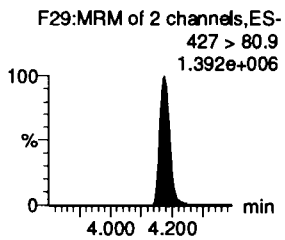
L-PFHxS



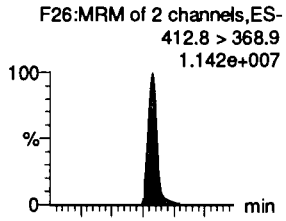


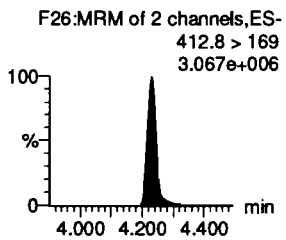
6:2 FTS



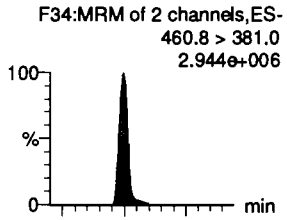


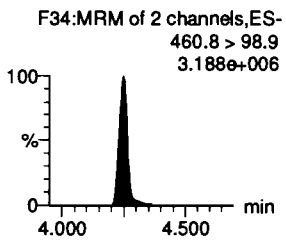
L-PFOA



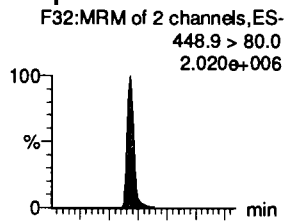


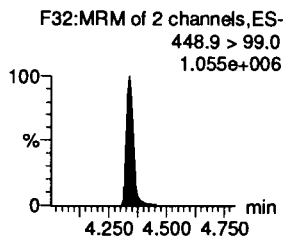
PFEChS



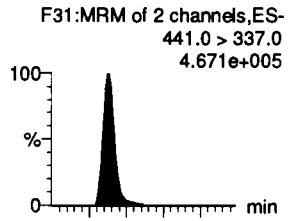


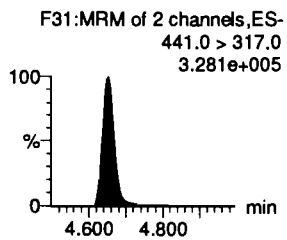
PFHpS



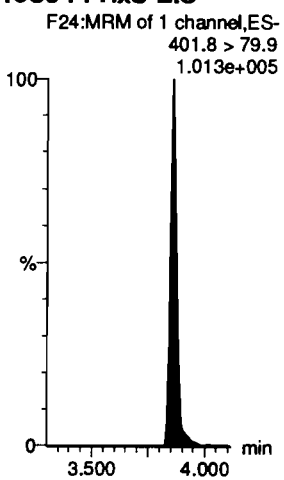


7:3 FTCA

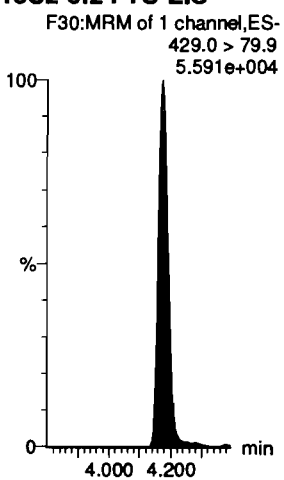




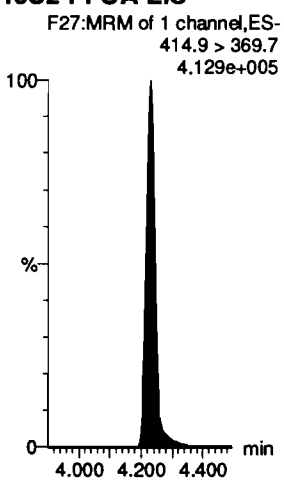
13C3-PFHxS-EIS



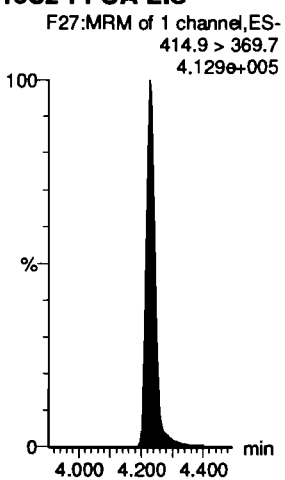
13C2-6:2 FTS-EIS



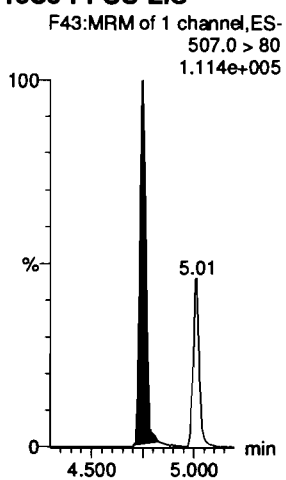
13C2-PFOA-EIS



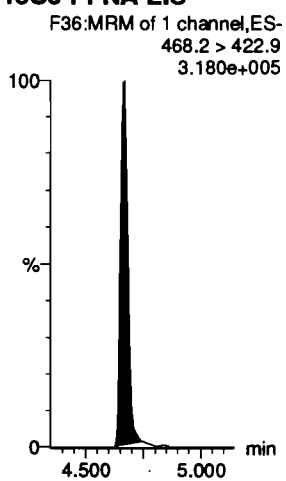
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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Name: 200709M1_11, Date: 09-Jul-2020, Time: 17:46:28, ID: ST200709M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

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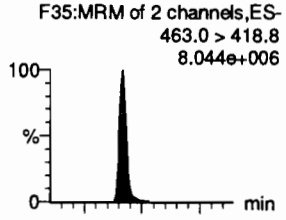

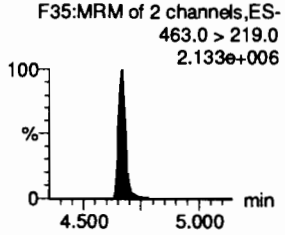

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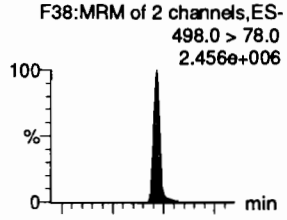
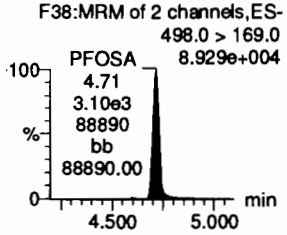
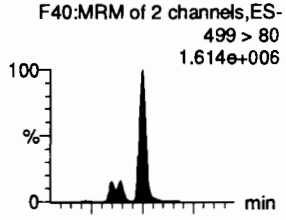
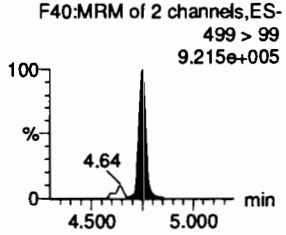


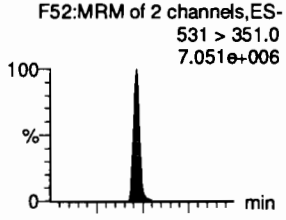


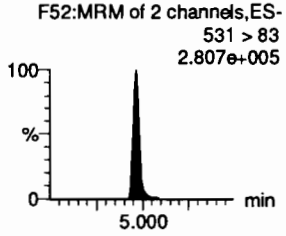
L-PFOS



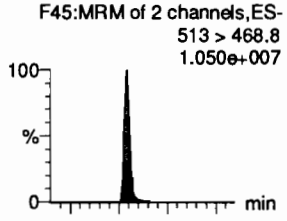


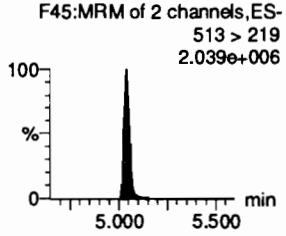
9Cl-PF30NS



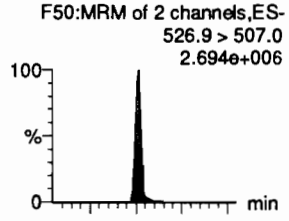


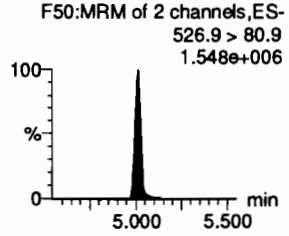
PFDA



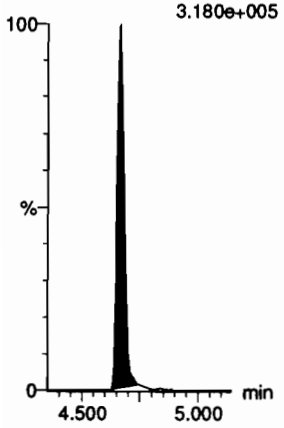


8:2 FTS

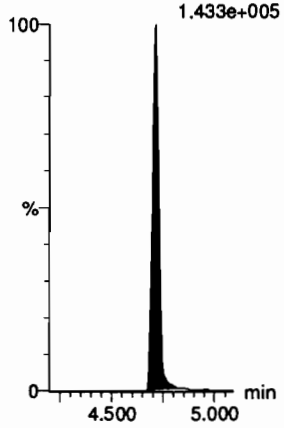




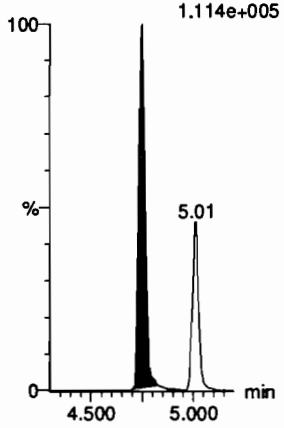
13C5-PFNA-EIS



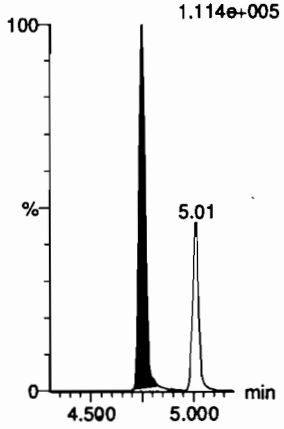
13C8-PFOSA-EIS



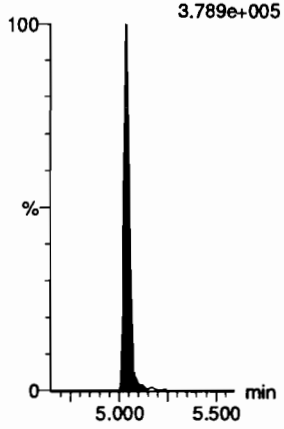
13C8-PFOS-EIS



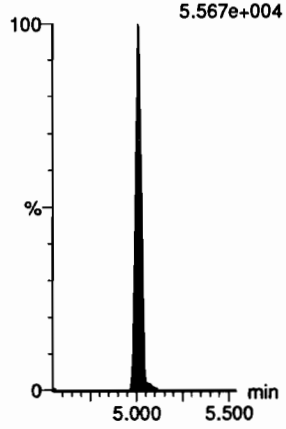
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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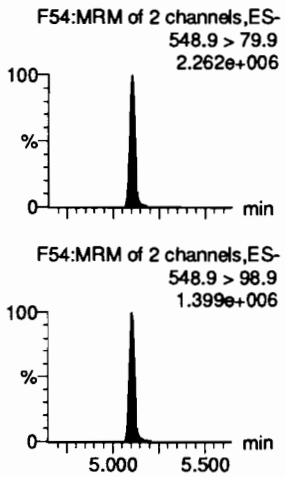
PFNS



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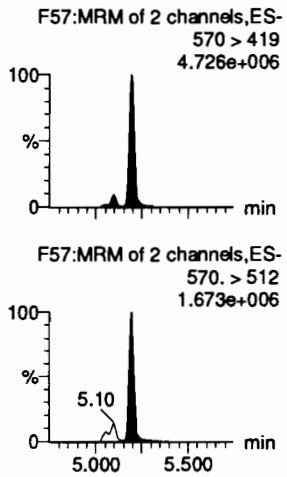
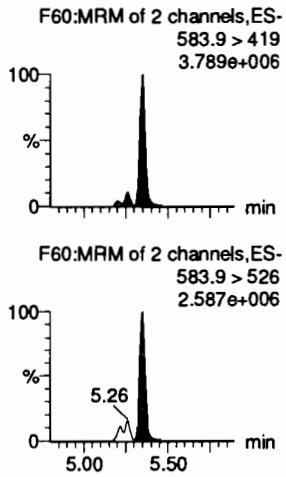
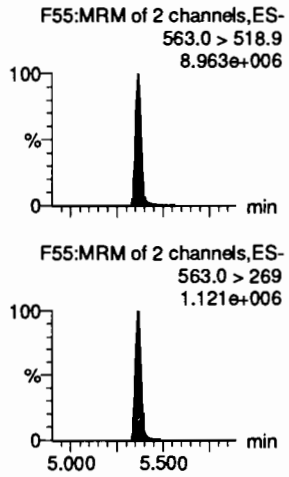


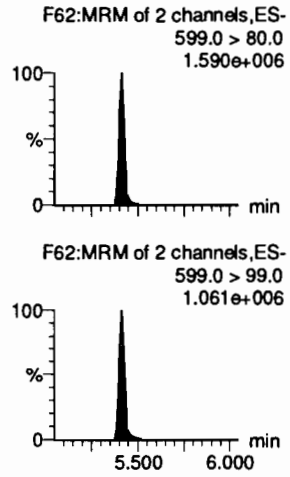
L-EtFOSAA



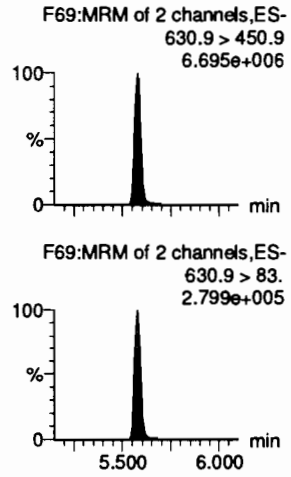
PFUdA



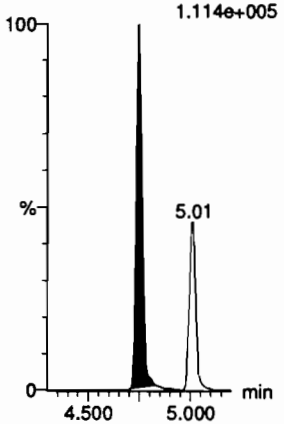
PFDS



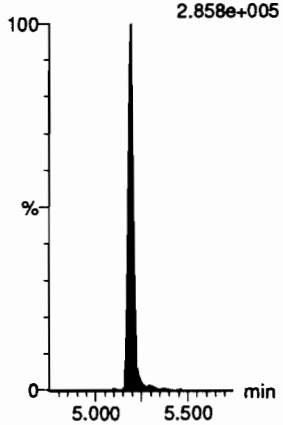
11Cl-PF30UdS



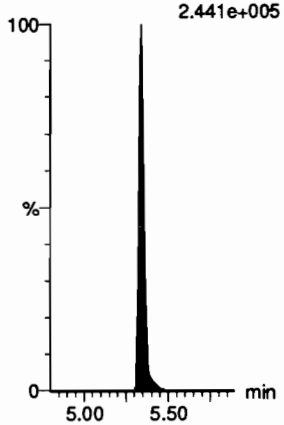
13C8-PFOS-EIS



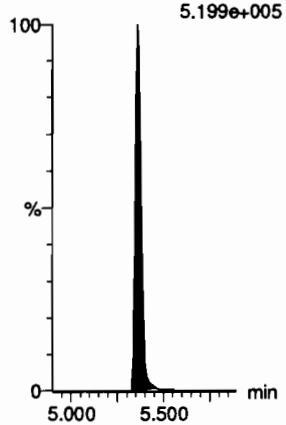
d3-N-MeFOSAA-EIS



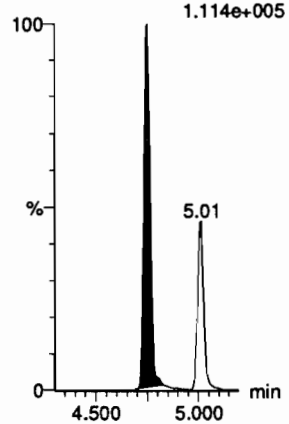
d5-N-EtFOSAA-EIS



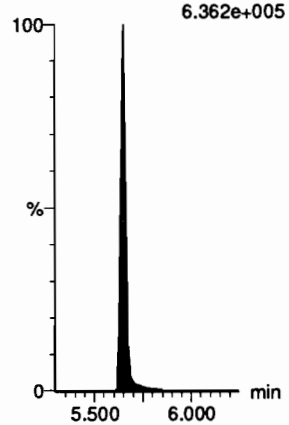
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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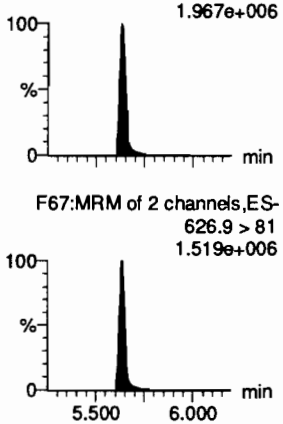
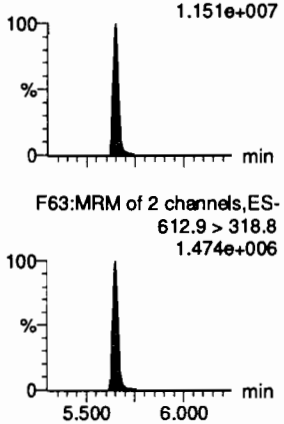
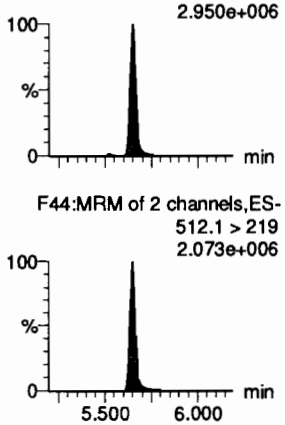
10:2 FTS



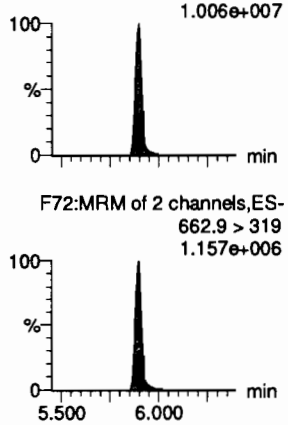
PFDoA



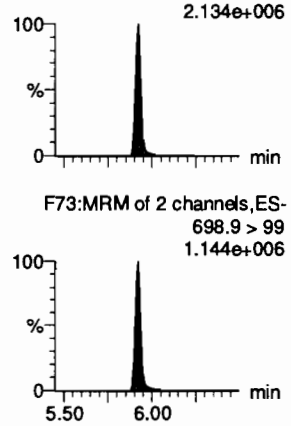
N-MeFOSA



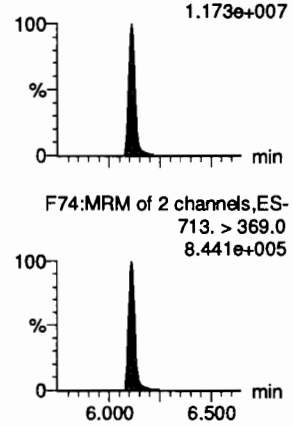
PFTrDA



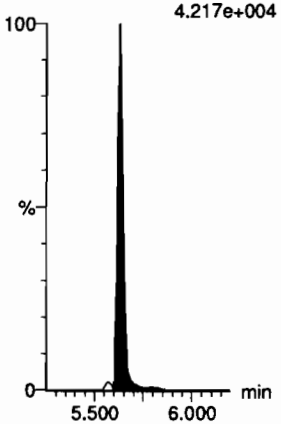
PFDoS



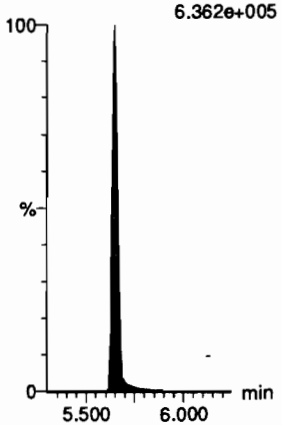
PFTeDA



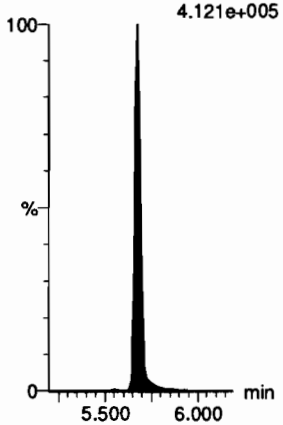
13C2-10:2 FTS-EIS



13C2-PFDoA-EIS



d3-N-MeFOSA-EIS



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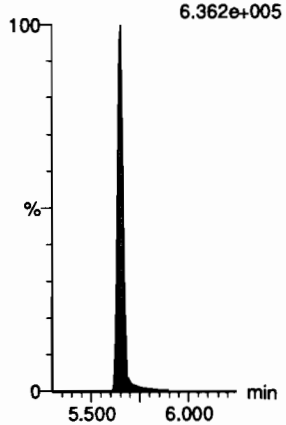

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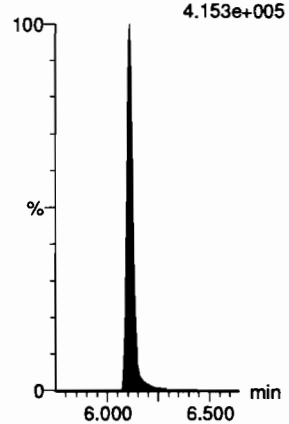

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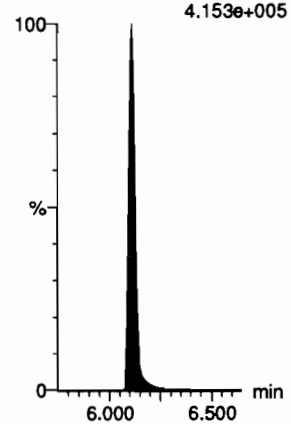

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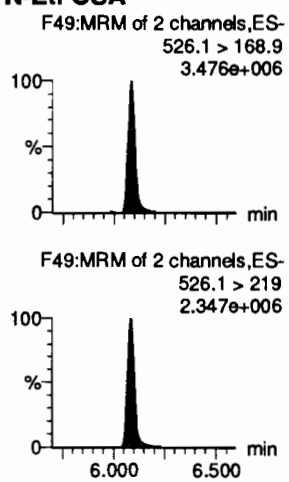
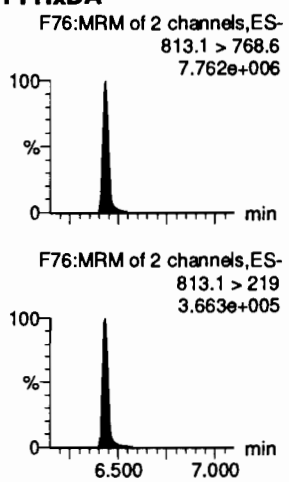
Name: 200709M1_11, Date: 09-Jul-2020, Time: 17:46:28, ID: ST200709M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

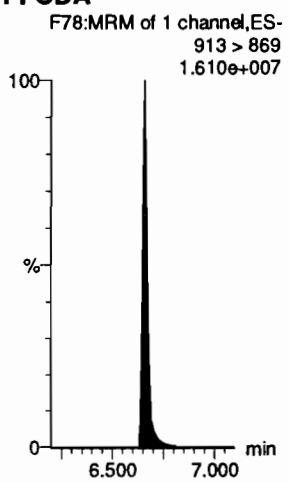
N-EtFOSA



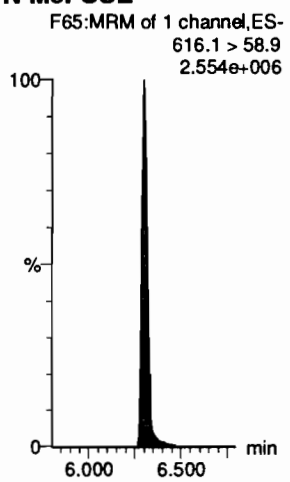
PFHxDA



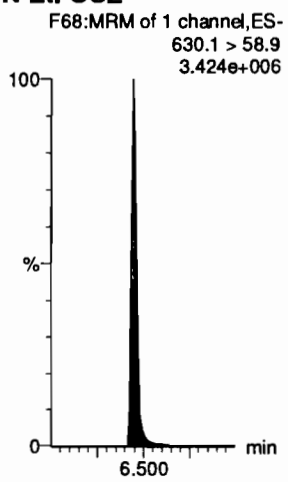
PFODA



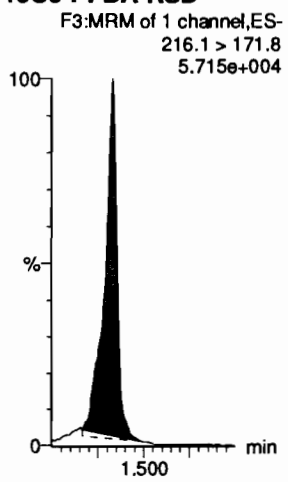
N-MeFOSE



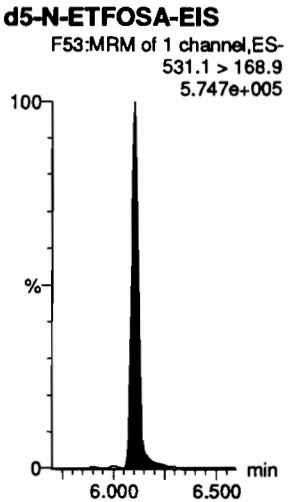
N-EtFOSE



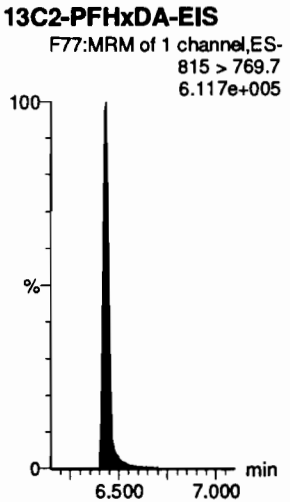
13C3-PFBA-RSD



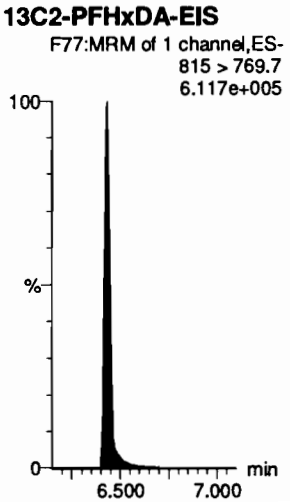
d5-N-ETFOSA-EIS



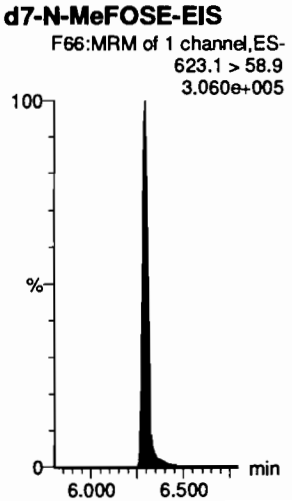
13C2-PFHxDA-EIS



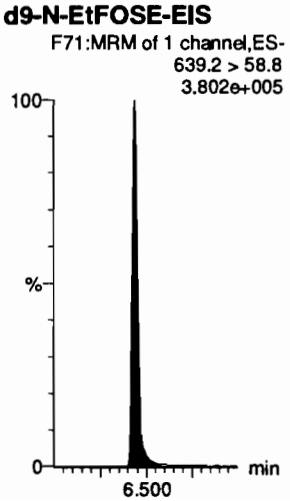
13C2-PFHxDA-EIS



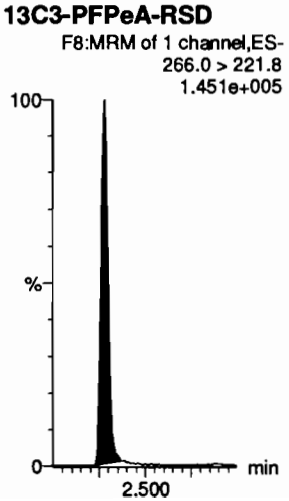
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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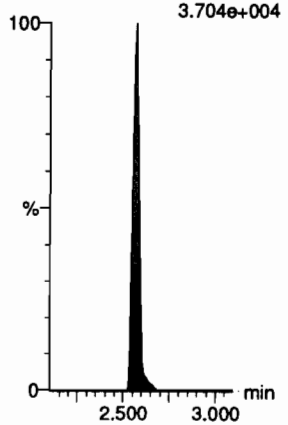
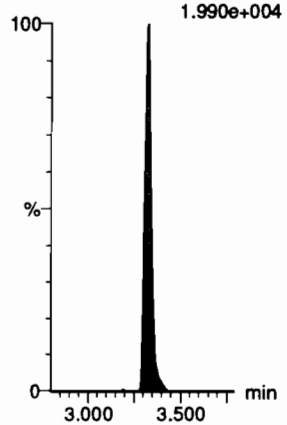
Name: 200709M1_11, Date: 09-Jul-2020, Time: 17:46:28, ID: ST200709M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

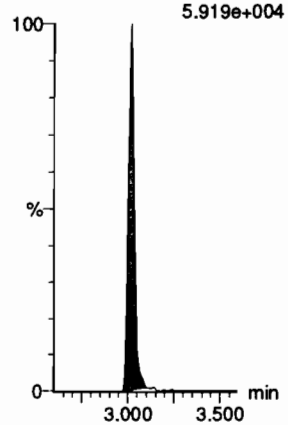
13C3-PFBS-RSD



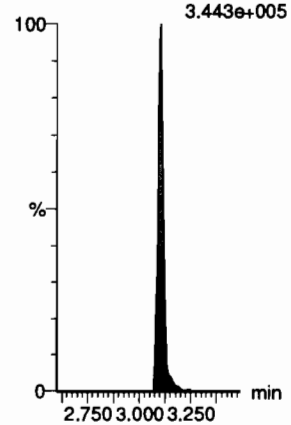
13C3-HFPO-DA-RSD



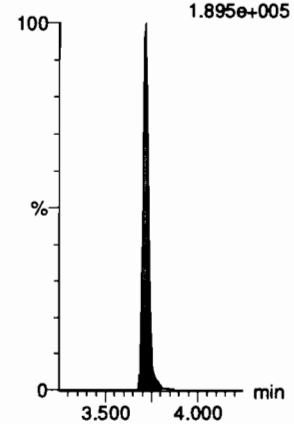
13C2-4:2 FTS-RSD



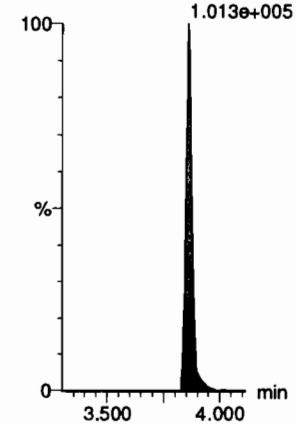
13C2-PFHxA-RSD



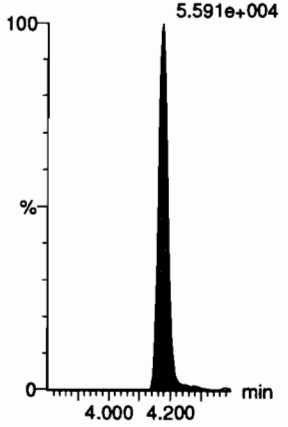
13C4-PFHpA-RSD



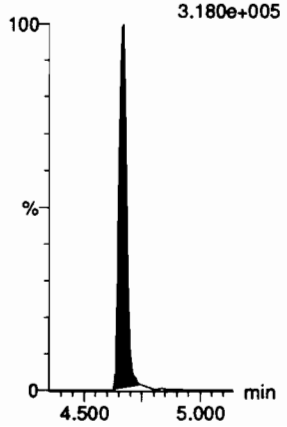
13C3-PFHxS-RSD



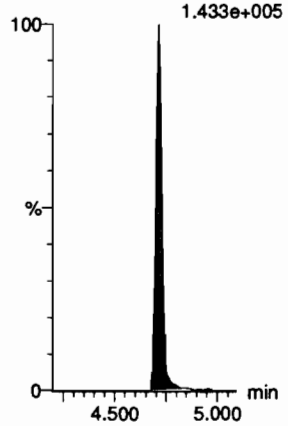
13C2-6:2 FTS-RSD



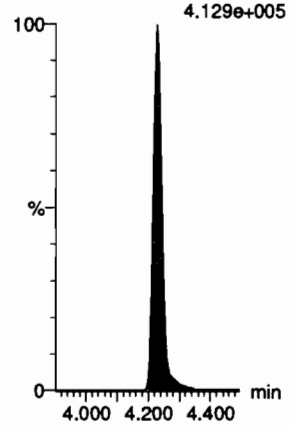
13C5-PFNA-RSD



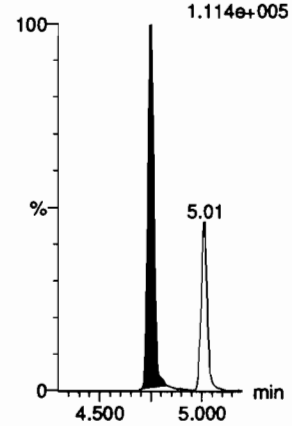
13C8-PFOSA-RSD



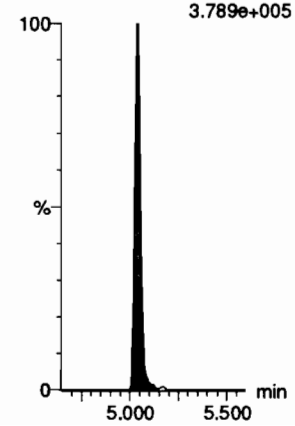
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD

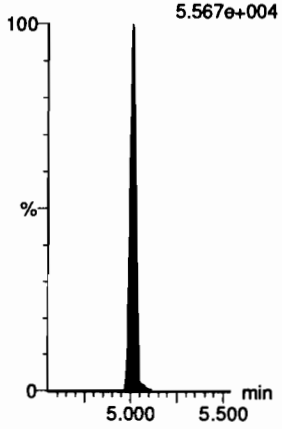


Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

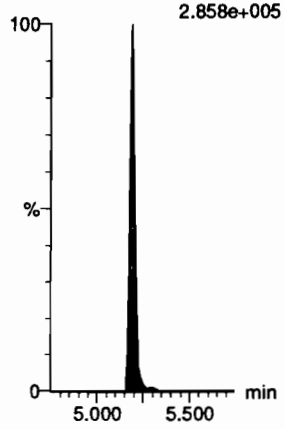
Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_11, Date: 09-Jul-2020, Time: 17:46:28, ID: ST200709M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

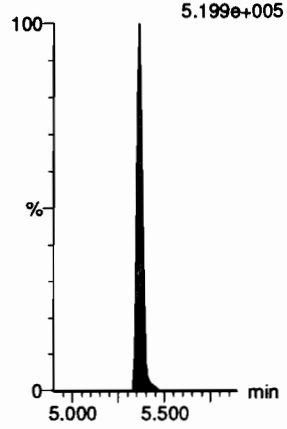
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
5.567e+004



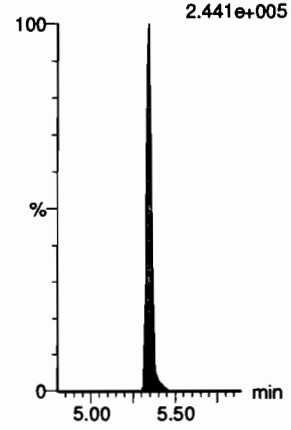
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
2.858e+005



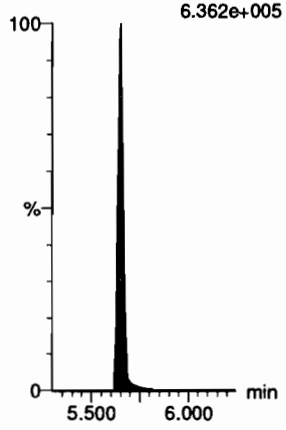
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.199e+005



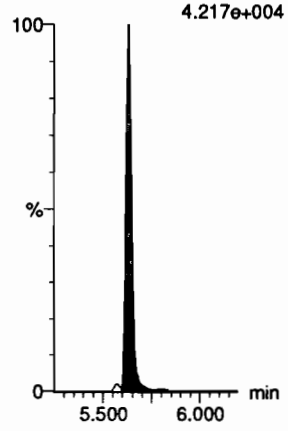
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.441e+005



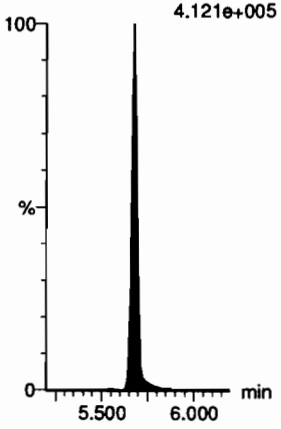
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
6.362e+005



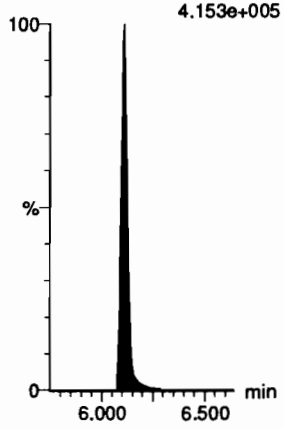
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
4.217e+004



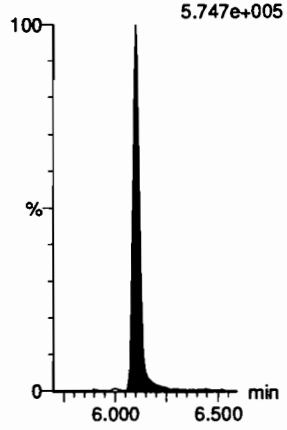
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.121e+005



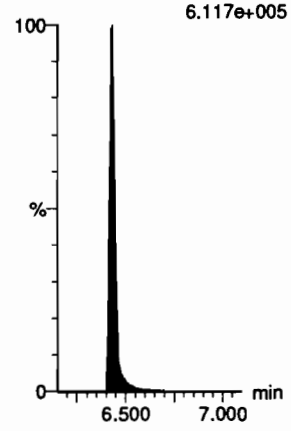
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.153e+005



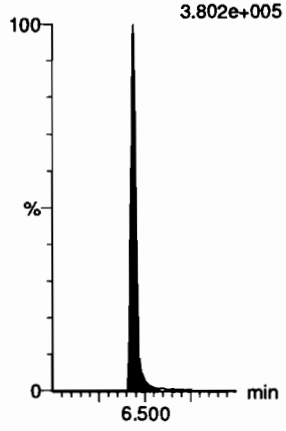
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.747e+005



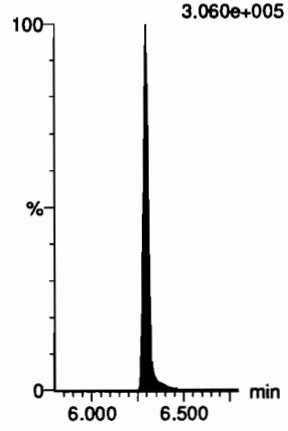
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.117e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.802e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.060e+005



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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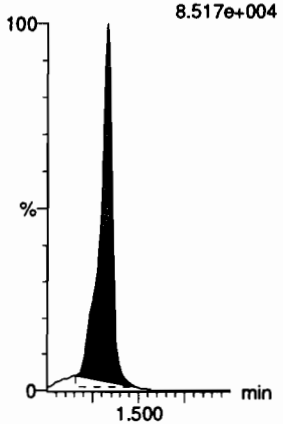
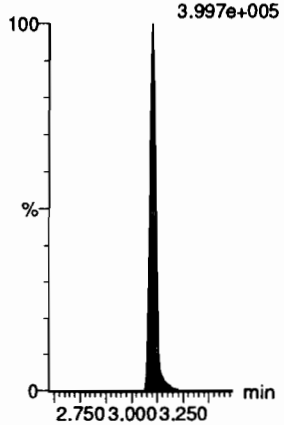
Name: 200709M1_11, Date: 09-Jul-2020, Time: 17:46:28, ID: ST200709M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

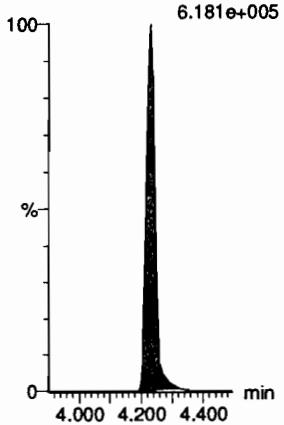
13C4-PFBA



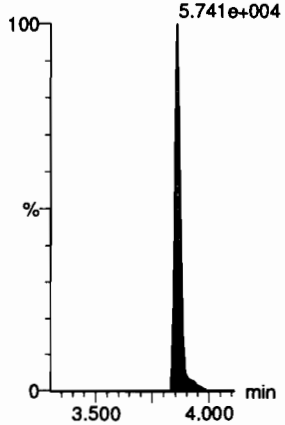
13C5-PFHxA



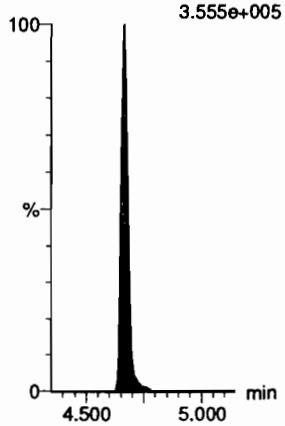
13C8-PFOA



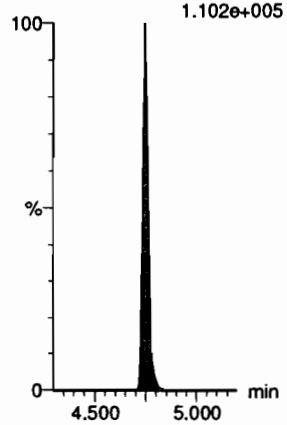
18O2-PFHxS



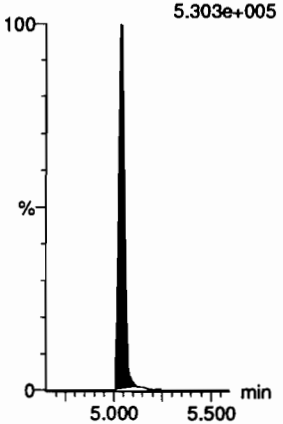
13C9-PFNA



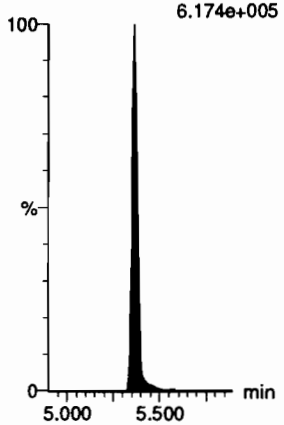
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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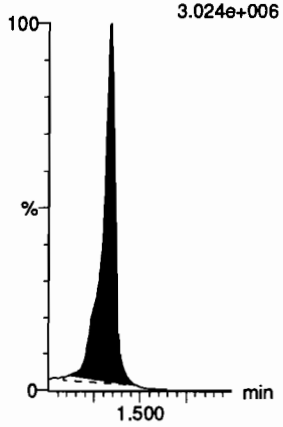
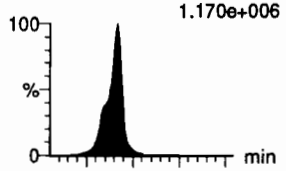
Last Altered: Friday, July 10, 2020 10:12:26 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:12:46 Pacific Daylight Time

Name: 200709M1_12, Date: 09-Jul-2020, Time: 17:56:50, ID: ST200709M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

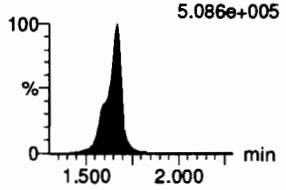
PFBA
F2:MRM of 1 channel,ES-
213.0 > 169.0
3.024e+006



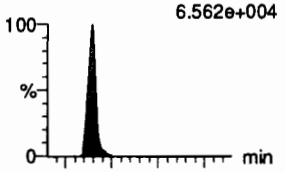
PFPrS
F6:MRM of 2 channels,ES-
248.9 > 79.9
1.170e+006



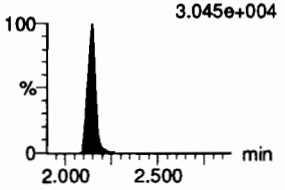
F6:MRM of 2 channels,ES-
248.9 > 98.9
5.086e+005



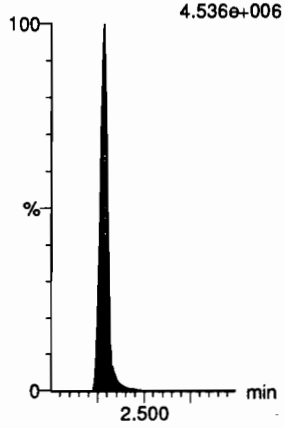
3:3 FTCA
F5:MRM of 2 channels,ES-
241.1 > 177.0
6.562e+004



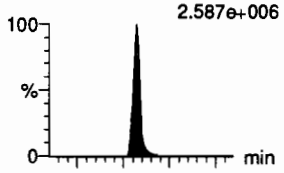
F5:MRM of 2 channels,ES-
241.1 > 117.0
3.045e+004



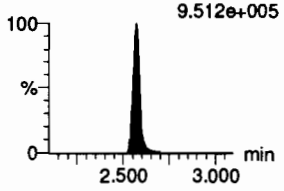
PFPeA
F7:MRM of 1 channel,ES-
263.1 > 218.9
4.536e+006



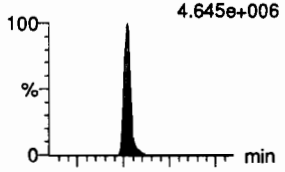
PFBS
F11:MRM of 2 channels,ES-
299.0 > 79.7
2.587e+006



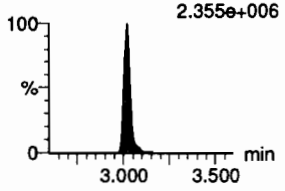
F11:MRM of 2 channels,ES-
299.0 > 99.0
9.512e+005



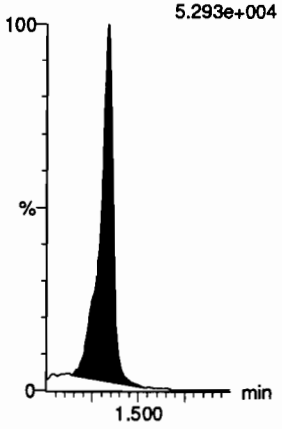
4:2 FTS
F16:MRM of 2 channels,ES-
327.0 > 306.9
4.645e+006



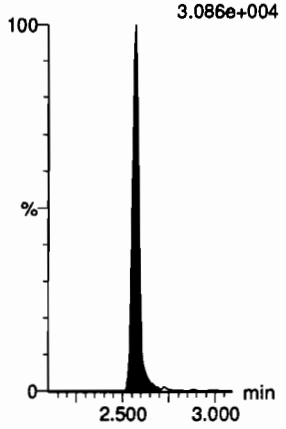
F16:MRM of 2 channels,ES-
327.0 > 80.9
2.355e+006



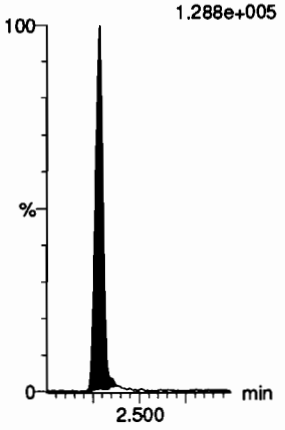
13C3-PFBA-EIS
F3:MRM of 1 channel,ES-
216.1 > 171.8
5.293e+004



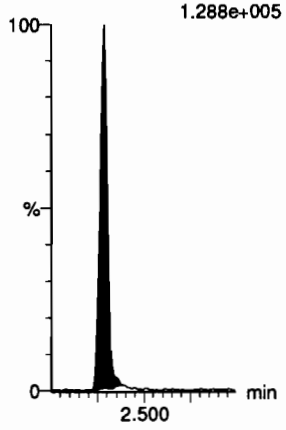
13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.086e+004



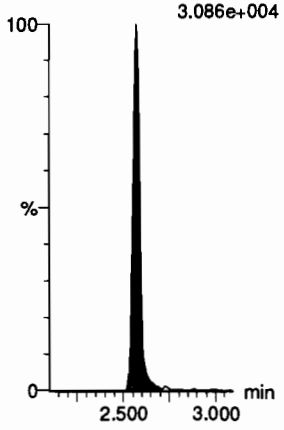
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.288e+005



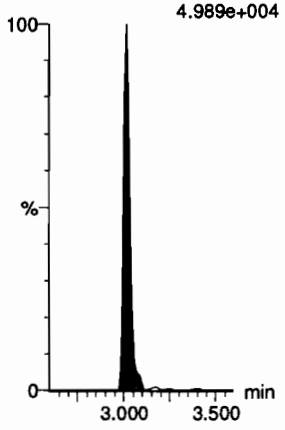
13C3-PFPeA-EIS
F8:MRM of 1 channel,ES-
266.0 > 221.8
1.288e+005



13C3-PFBS-EIS
F12:MRM of 1 channel,ES-
302.0 > 99
3.086e+004



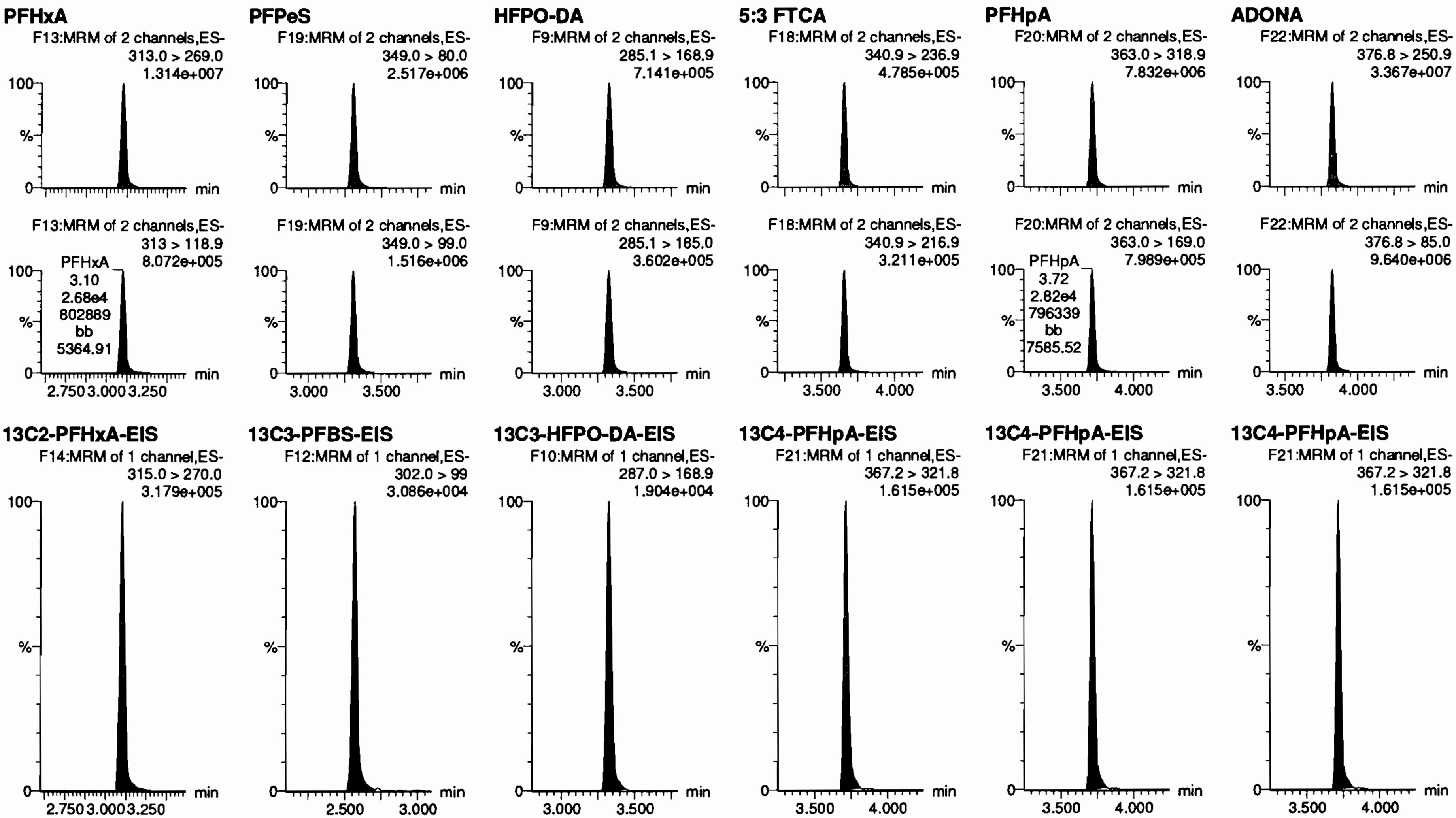
13C2-4:2 FTS-EIS
F17:MRM of 2 channels,ES-
329.0 > 79.9
4.989e+004



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

Name: 200709M1_12, Date: 09-Jul-2020, Time: 17:56:50, ID: ST200709M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

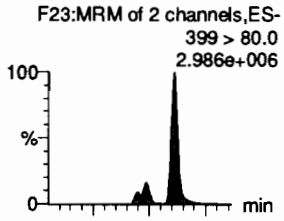


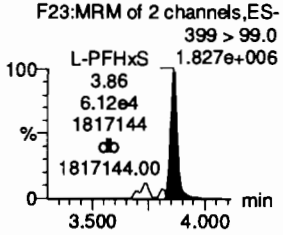
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

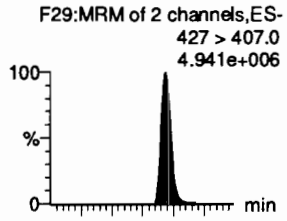
Name: 200709M1_12, Date: 09-Jul-2020, Time: 17:56:50, ID: ST200709M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

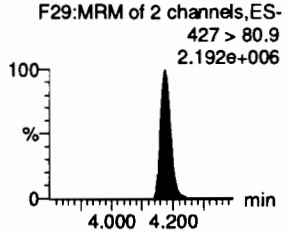
L-PFHxS



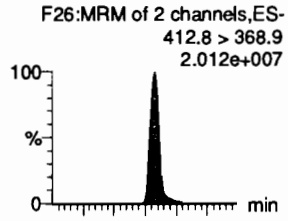


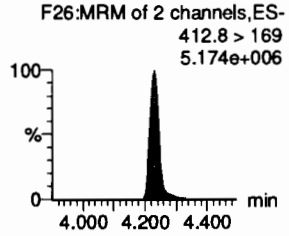
6:2 FTS



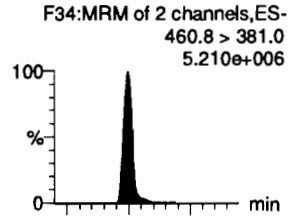


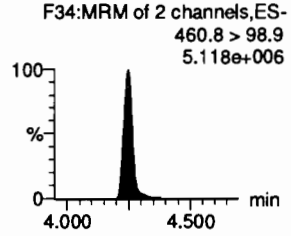
L-PFOA



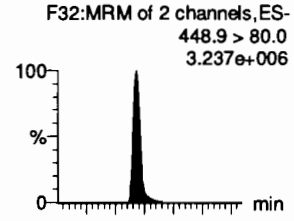


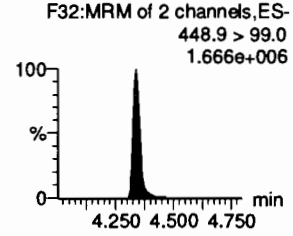
PFEChS



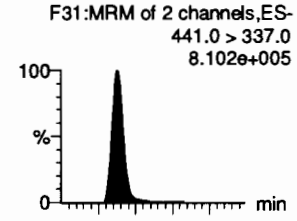


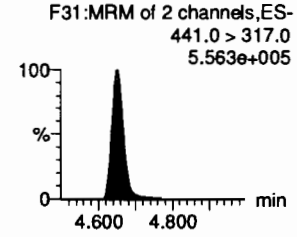
PFHpS



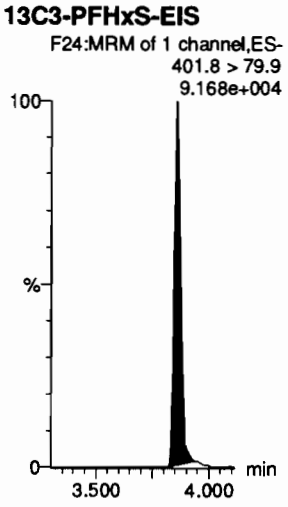


7:3 FTCA

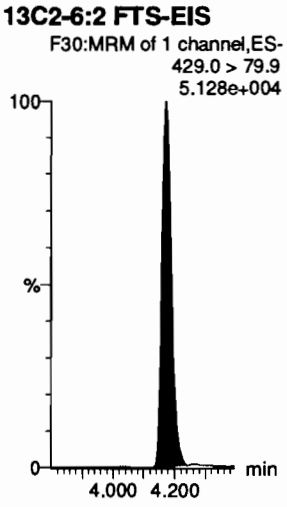




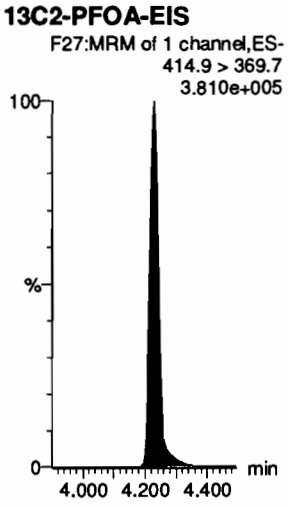
13C3-PFHxS-EIS



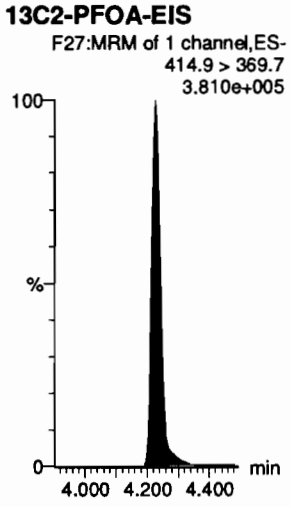
13C2-6:2 FTS-EIS



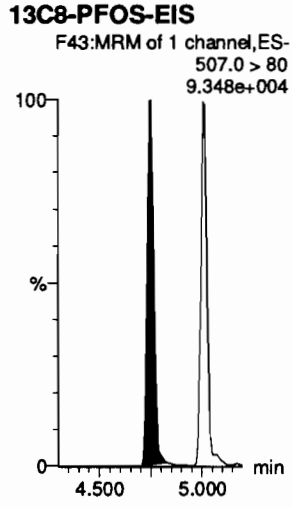
13C2-PFOA-EIS



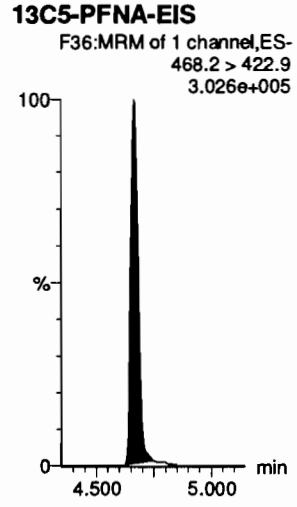
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS

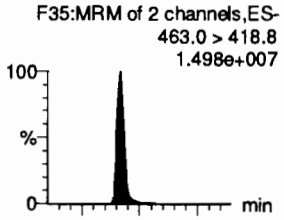


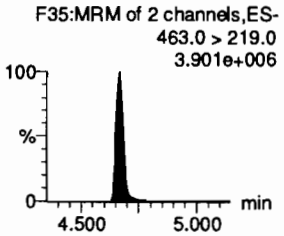
Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
Printed: Friday, July 10, 2020 09:45:42 Pacific Daylight Time

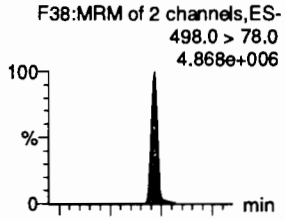
Name: 200709M1_12, Date: 09-Jul-2020, Time: 17:56:50, ID: ST200709M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

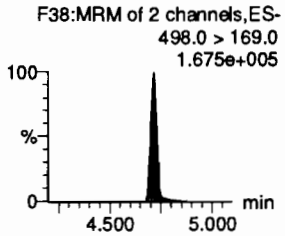
PFNA



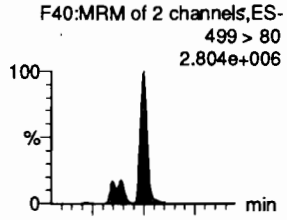


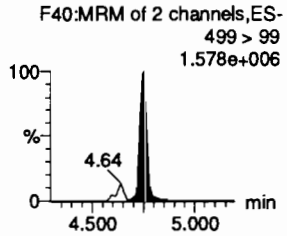
PFOSA



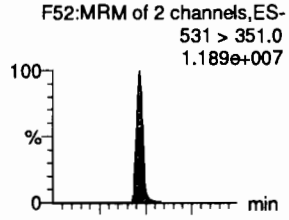


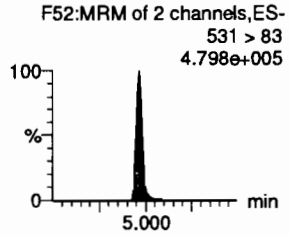
L-PFOS



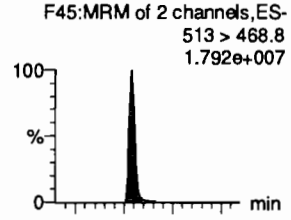


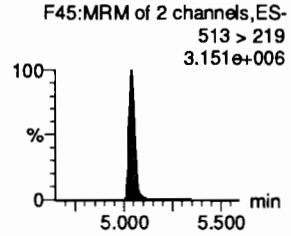
9Cl-PF30NS



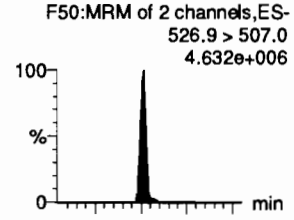


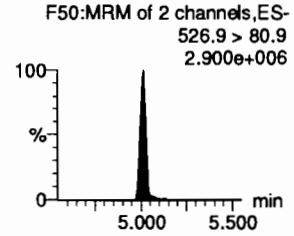
PFDA



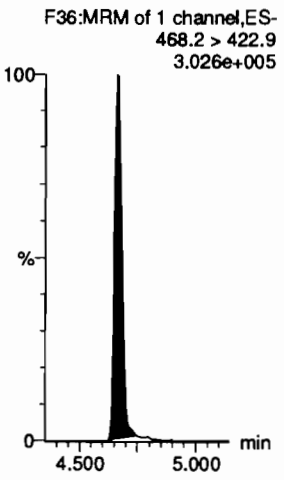


8:2 FTS

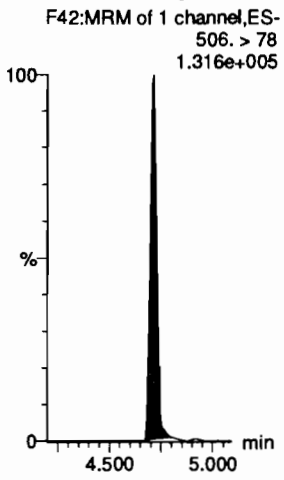




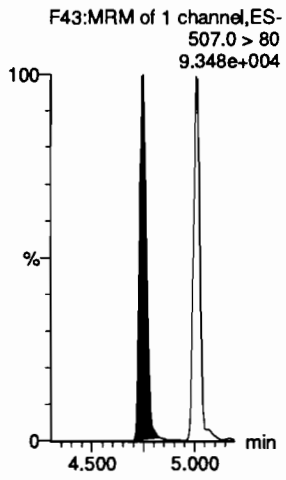
13C5-PFNA-EIS



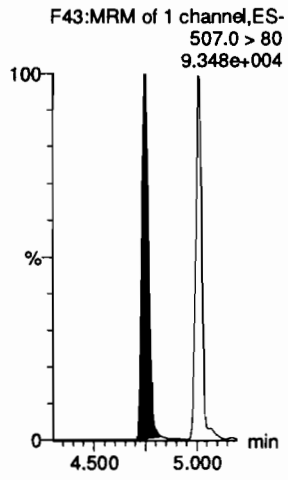
13C8-PFOSA-EIS



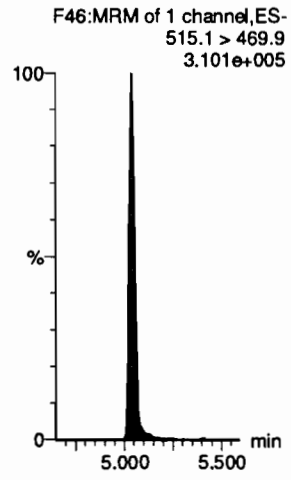
13C8-PFOS-EIS



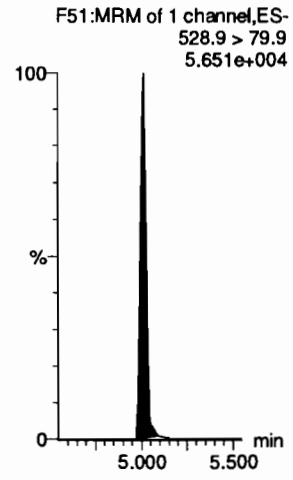
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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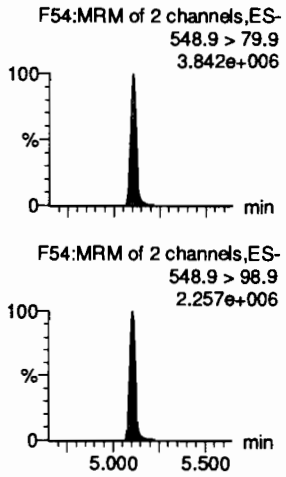
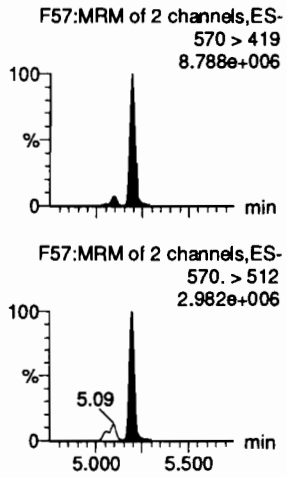
Name: 200709M1_12, Date: 09-Jul-2020, Time: 17:56:50, ID: ST200709M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

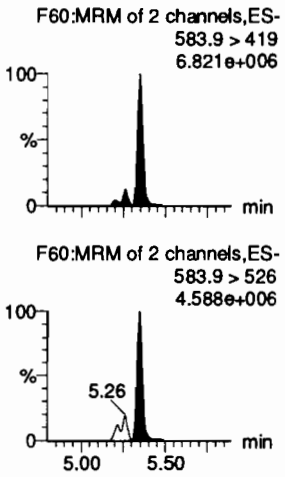
PFNS



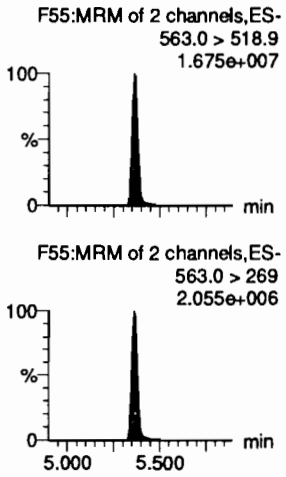
L-MeFOSAA



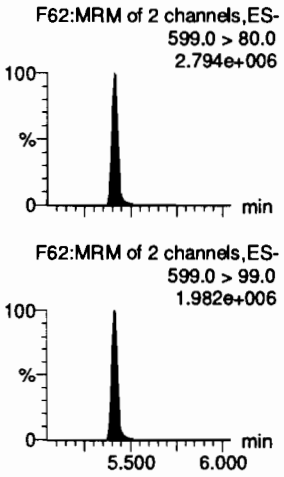
L-EtFOSAA



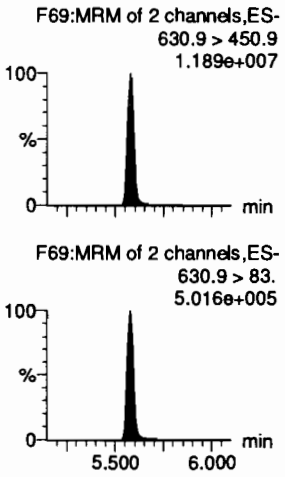
PFUdA



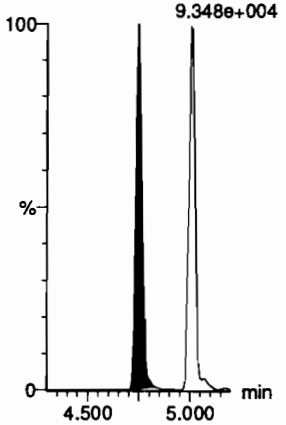
PFDS



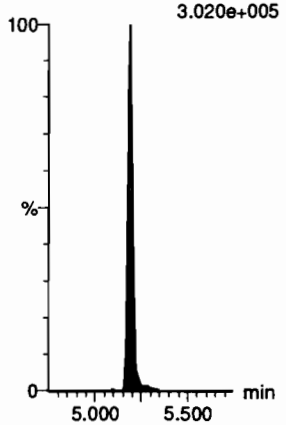
11Cl-PF30UdS



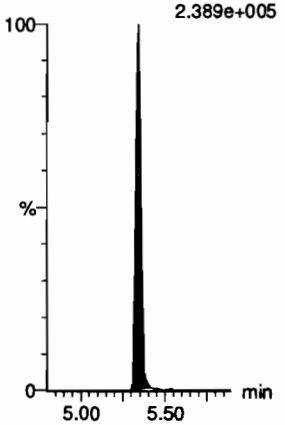
13C8-PFOS-EIS



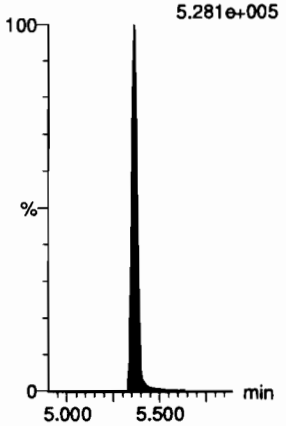
d3-N-MeFOSAA-EIS



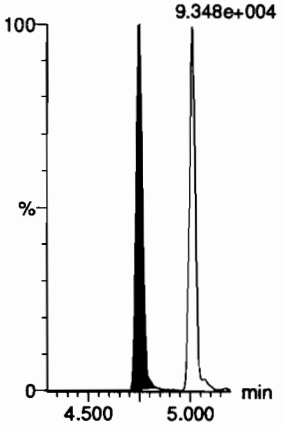
d5-N-EtFOSAA-EIS



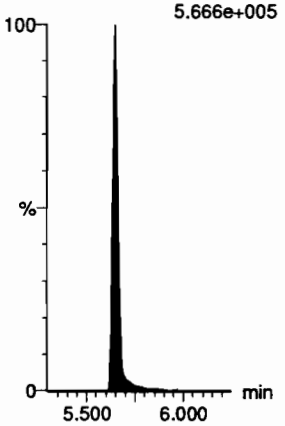
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

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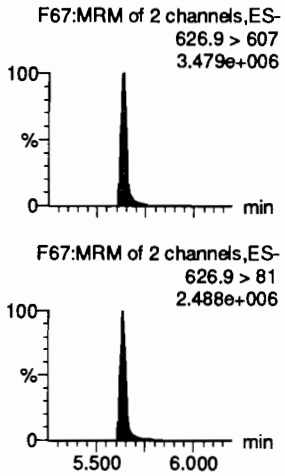
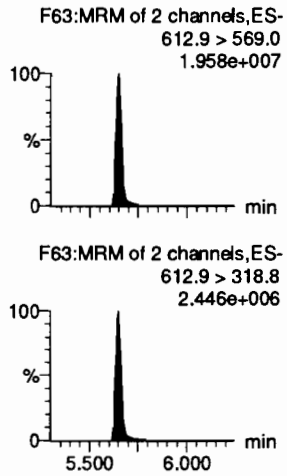
Name: 200709M1_12, Date: 09-Jul-2020, Time: 17:56:50, ID: ST200709M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

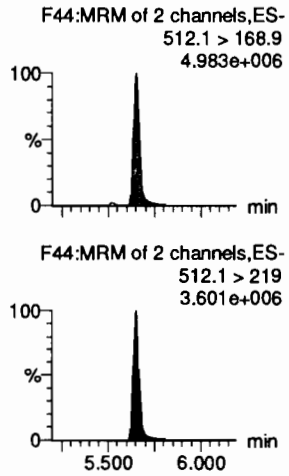
10:2 FTS



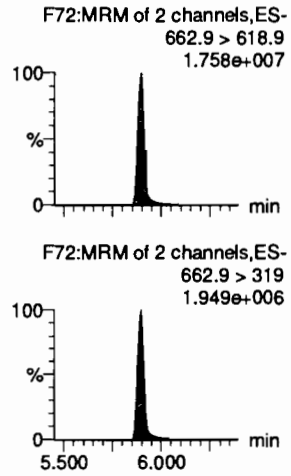
PFDoA



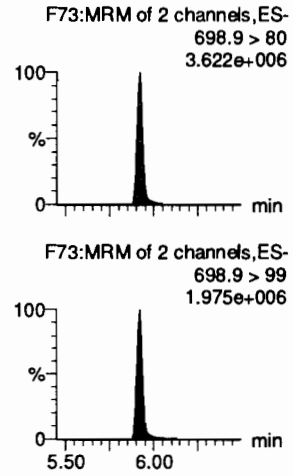
N-MeFOSA



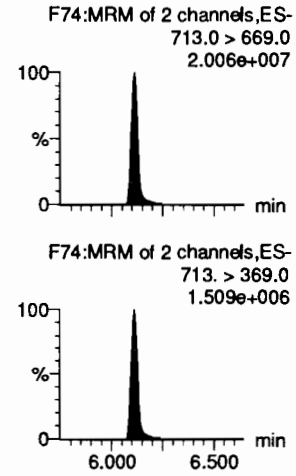
PFTrDA



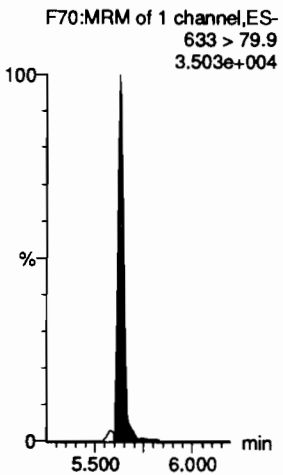
PFDoS



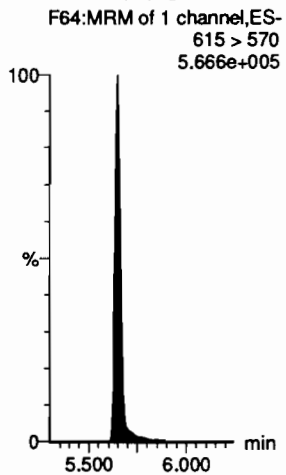
PFTeDA



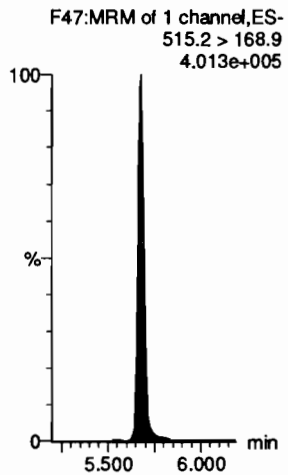
13C2-10:2 FTS-EIS



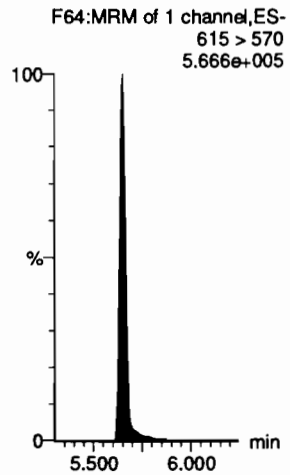
13C2-PFDoA-EIS



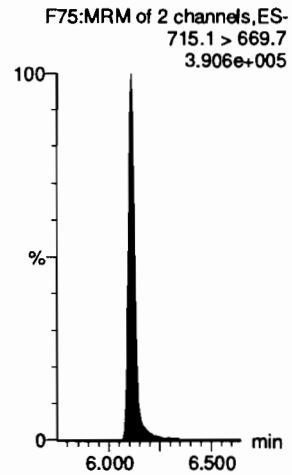
d3-N-MeFOSA-EIS



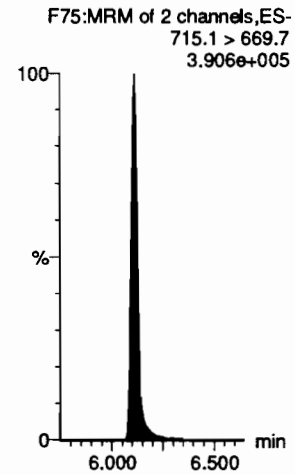
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

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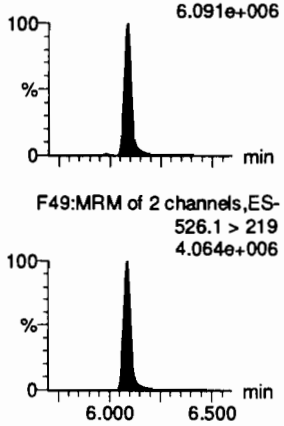
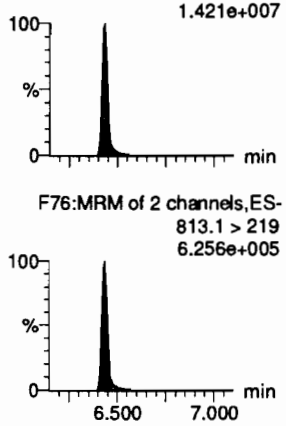
Name: 200709M1_12, Date: 09-Jul-2020, Time: 17:56:50, ID: ST200709M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

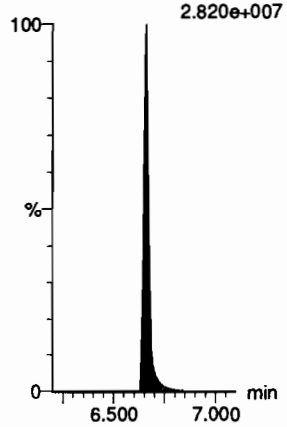
N-EtFOSA



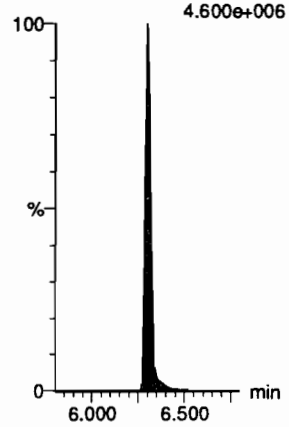
PFHxDA



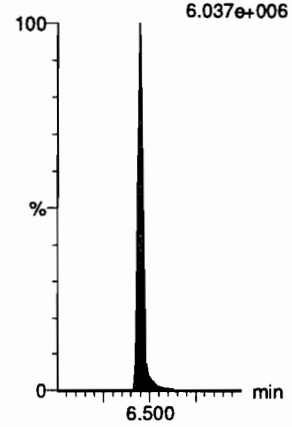
PFODA



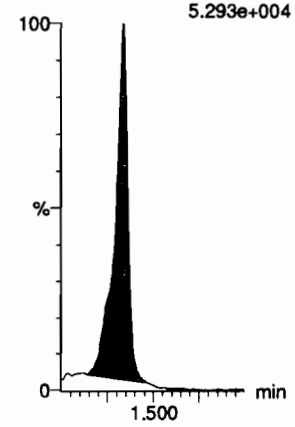
N-MeFOSE



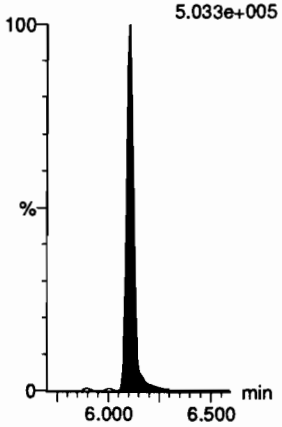
N-EtFOSE



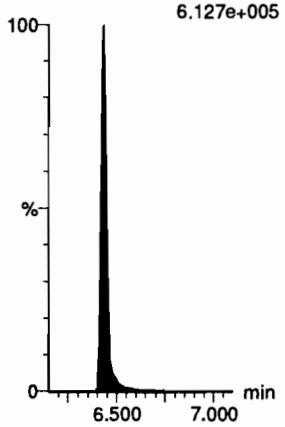
13C3-PFBA-RSD



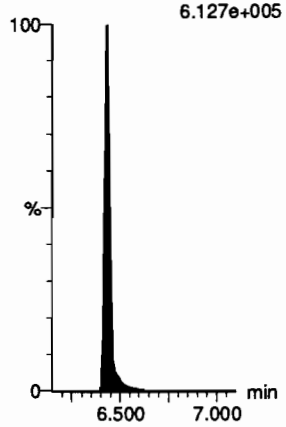
d5-N-ETFOSA-EIS



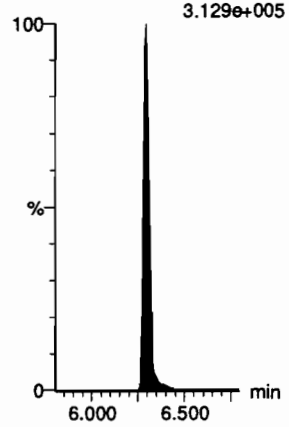
13C2-PFHxDA-EIS



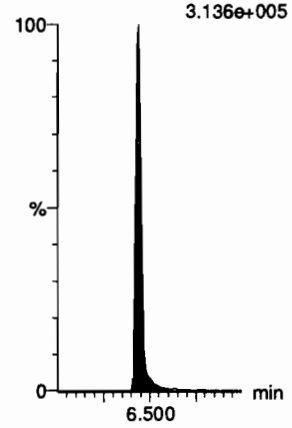
13C2-PFHxDA-EIS



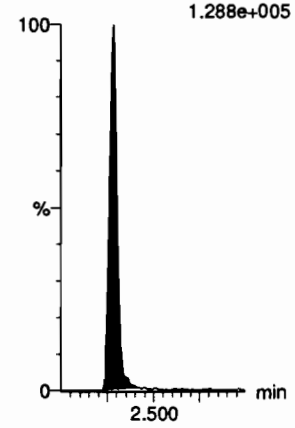
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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Last Altered: Friday, July 10, 2020 09:45:03 Pacific Daylight Time
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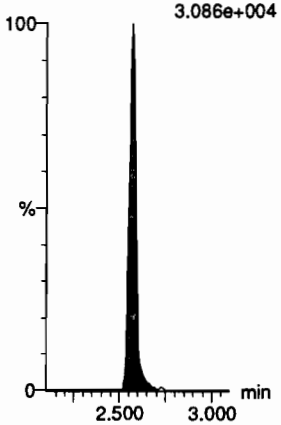
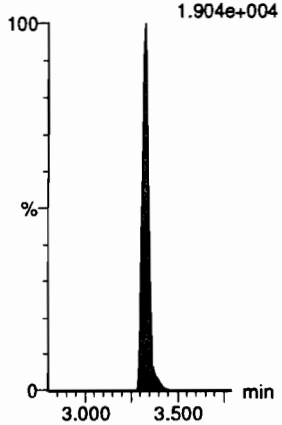
Name: 200709M1_12, Date: 09-Jul-2020, Time: 17:56:50, ID: ST200709M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

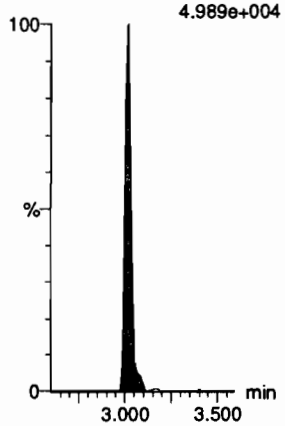
13C3-PFBS-RSD
F12:MRM of 1 channel,ES-
302.0 > 99
3.086e+004



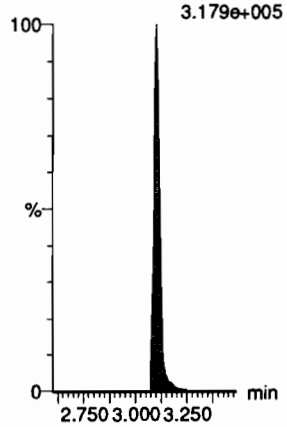
13C3-HFPO-DA-RSD
F10:MRM of 1 channel,ES-
287.0 > 168.9
1.904e+004



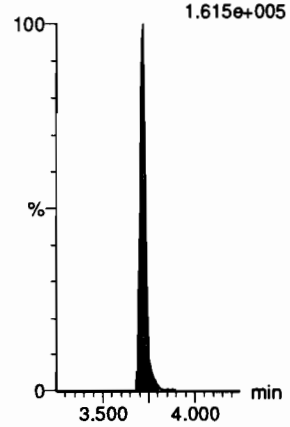
13C2-4:2 FTS-RSD
F17:MRM of 2 channels,ES-
329.0 > 79.9
4.989e+004



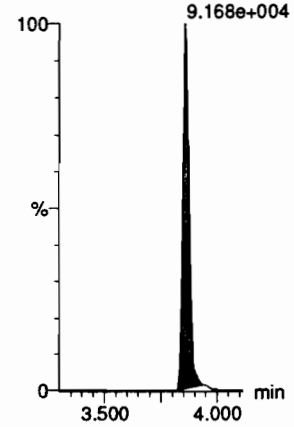
13C2-PFHxA-RSD
F14:MRM of 1 channel,ES-
315.0 > 270.0
3.179e+005



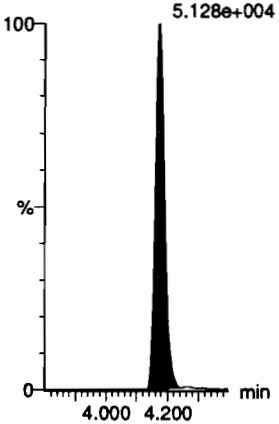
13C4-PFHpA-RSD
F21:MRM of 1 channel,ES-
367.2 > 321.8
1.615e+005



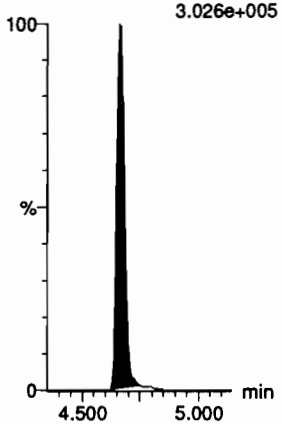
13C3-PFHxS-RSD
F24:MRM of 1 channel,ES-
401.8 > 79.9
9.168e+004



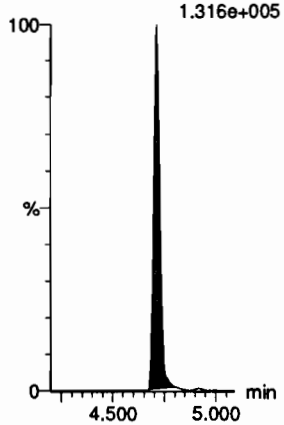
13C2-6:2 FTS-RSD
F30:MRM of 1 channel,ES-
429.0 > 79.9
5.128e+004



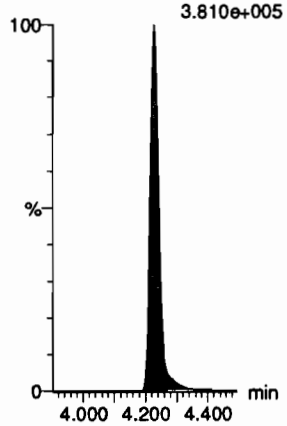
13C5-PFNA-RSD
F36:MRM of 1 channel,ES-
468.2 > 422.9
3.026e+005



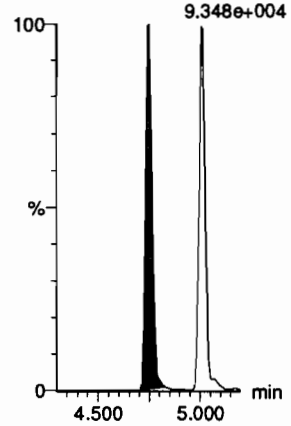
13C8-PFOSA-RSD
F42:MRM of 1 channel,ES-
506. > 78
1.316e+005



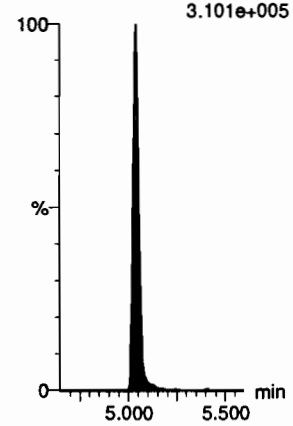
13C2-PFOA-RSD
F27:MRM of 1 channel,ES-
414.9 > 369.7
3.810e+005



13C8-PFOS-RSD
F43:MRM of 1 channel,ES-
507.0 > 80
9.348e+004



13C2-PFDA-RSD
F46:MRM of 1 channel,ES-
515.1 > 469.9
3.101e+005



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-CRV.qld

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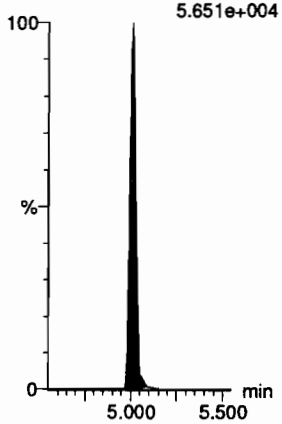
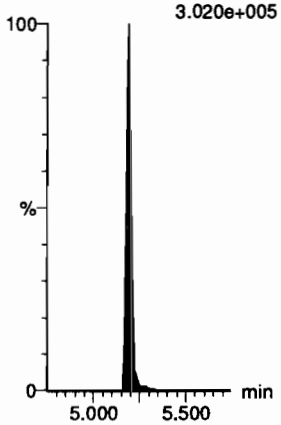
Name: 200709M1_12, Date: 09-Jul-2020, Time: 17:56:50, ID: ST200709M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

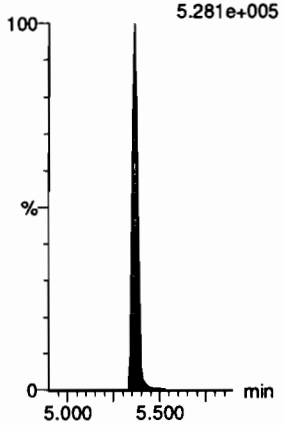
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
5.651e+004



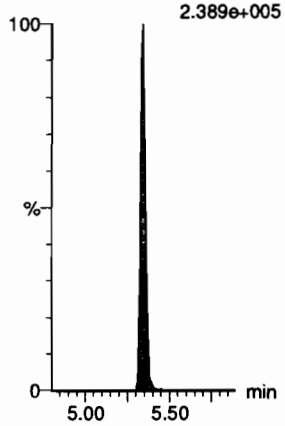
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.020e+005



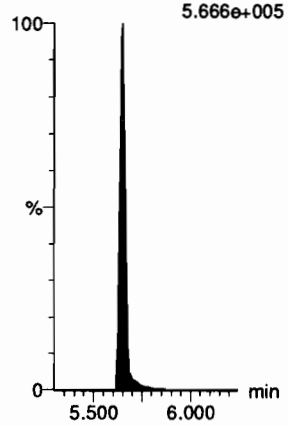
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.281e+005



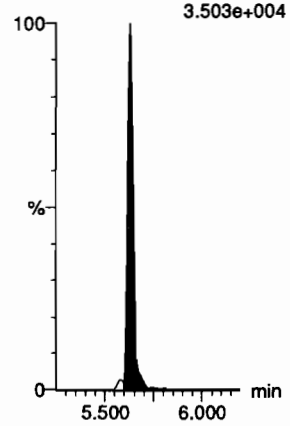
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.389e+005



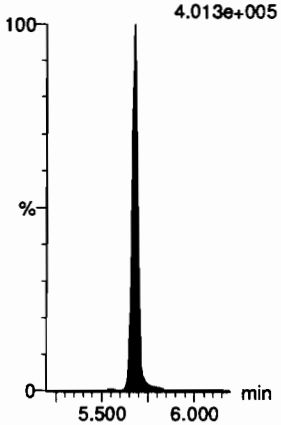
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
5.666e+005



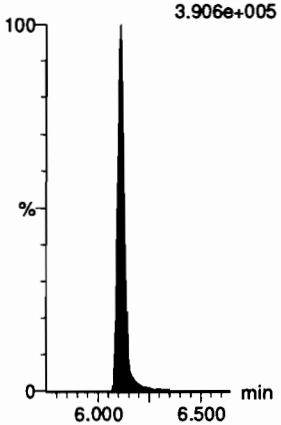
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
3.503e+004



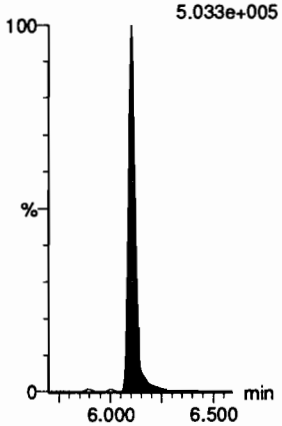
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.013e+005



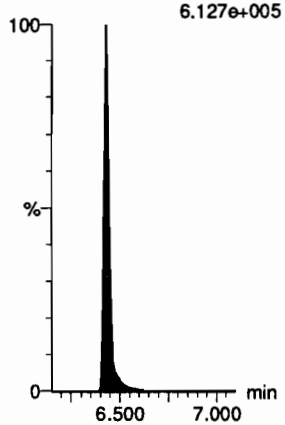
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
3.906e+005



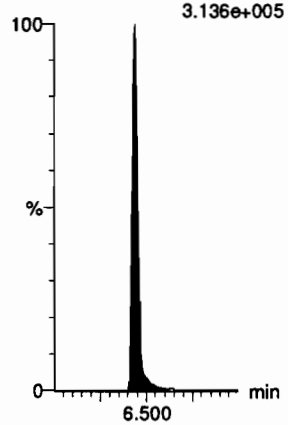
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
5.033e+005



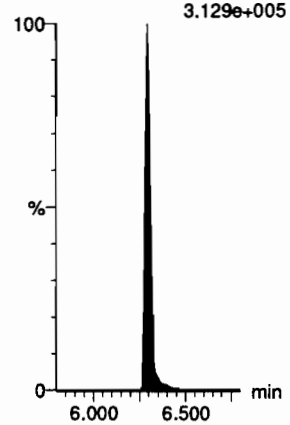
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
6.127e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.136e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
3.129e+005



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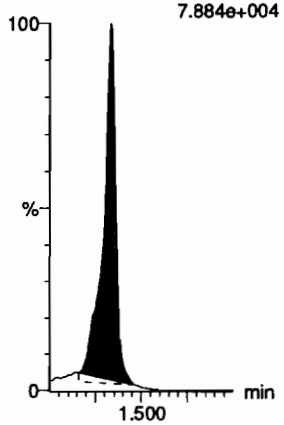
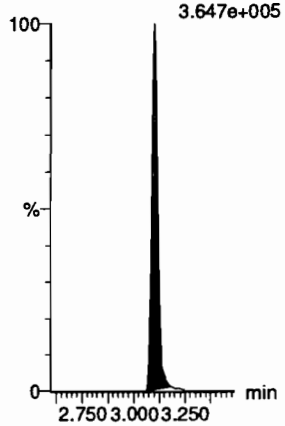
Name: 200709M1_12, Date: 09-Jul-2020, Time: 17:56:50, ID: ST200709M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

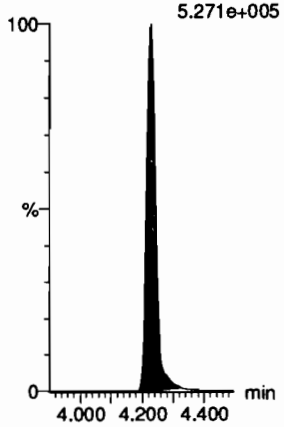
13C4-PFBA



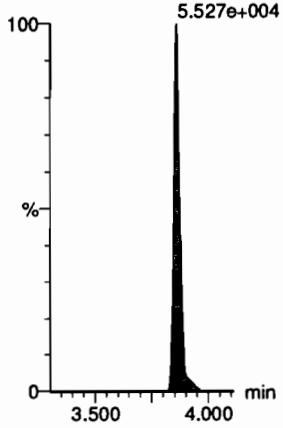
13C5-PFHxA



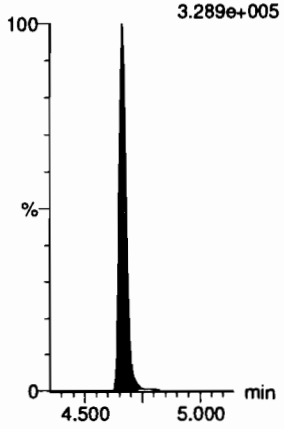
13C8-PFOA



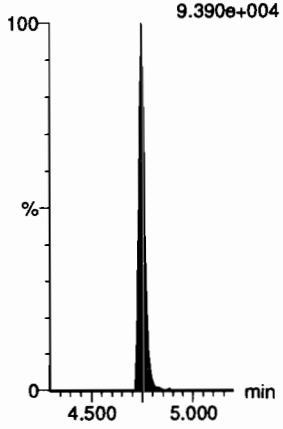
18O2-PFHxS



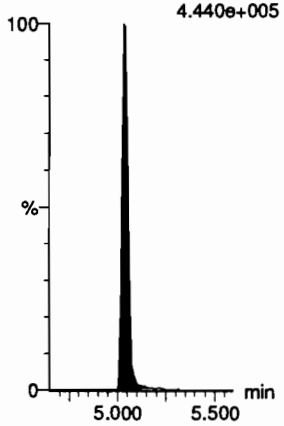
13C9-PFNA



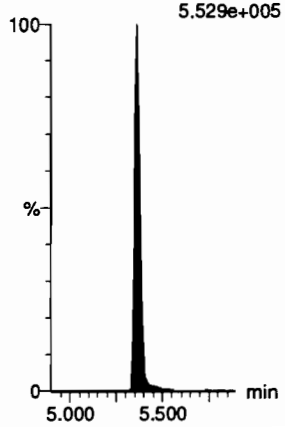
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Vista Analytical Laboratory

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(A) Not in ICV

Name: 200709M1_14, Date: 09-Jul-2020, Time: 18:17:34, ID: ICV200709M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

1 PFBA	213.0 > 169.0	4325.983	3812.732	1.00	1.33	14.183	10.000	9.74	97.4	NO		
2 PFPrS	248.9 > 79.9		1412.824	1.00			10.000		(A)	NO		
3 3:3 FTCA	241.1 > 177.0		6443.342	1.00			10.000		↓	NO		
4 PFPeA	263.1 > 218.9	4764.596	6443.342	1.00	2.29	9.243	10.000	10.2	101.8	NO		
5 PFBS	299.0 > 79.7	2126.844	1412.824	1.00	2.57	18.817	8.840	9.08	102.7	NO	3.053	NO
6 4:2 FTS	327.0 > 306.9	4909.210	2585.561	1.00	3.02	23.734	9.360	9.11	97.4	NO	2.024	NO
47 13C3-PFBA-EIS	216.1 > 171.8	3812.732		1.00	1.34	3812.732	12.500	11.3	90.8	NO		
51 13C3-PFBS-EIS	302.0 > 99	1412.824		1.00	2.57	1412.824	12.500	11.0	87.8	NO		
49 13C3-PFPeA-EIS	266.0 > 221.8	6443.342		1.00	2.28	6443.342	12.500	12.7	101.2	NO		
49 13C3-PFPeA-EIS	266.0 > 221.8	6443.342		1.00	2.28	6443.342	12.500	12.7	101.2	NO		
51 13C3-PFBS-EIS	302.0 > 99	1412.824		1.00	2.57	1412.824	12.500	11.0	87.8	NO		
55 13C2-4:2 FTS-EIS	329.0 >79.9	2585.561		1.00	3.02	2585.561	12.500	13.0	103.8	NO		
-1												
7 PFHxA	313.0 > 269.0	10535.753	12166.322	1.00	3.10	10.825	10.000	9.87	98.7	NO	16.166	NO
8 PFPeS	349.0 > 80.0	2703.991	1412.824	1.00	3.31	23.924	9.360	10.3	109.7	NO	1.778	NO
9 HFPO-DA	285.1 > 168.9	767.588	1037.509	1.00	3.32	9.248	10.000	9.88	98.8	NO	2.803	NO
10 5:3 FTCA	340.9 > 236.9		6945.136	1.00			10.000		(A)	NO		
11 PFHpA	363.0 > 318.9	6468.906	6945.136	1.00	3.72	11.643	10.000	9.77	97.7	NO	9.204	NO
12 ADONA	376.8 > 250.9	25829.318	6945.136	1.00	3.83	46.488	9.440	9.98	105.8	NO	3.456	NO
57 13C2-PFHxA-EIS	315.0 > 270.0	12166.322		1.00	3.10	12166.322	12.500	12.8	102.2	NO		
51 13C3-PFBS-EIS	302.0 > 99	1412.824		1.00	2.57	1412.824	12.500	11.0	87.8	NO		
53 13C3-HFPO-DA-EIS	287.0 > 168.9	1037.509		1.00	3.33	1037.509	12.500	12.9	103.0	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	6945.136		1.00	3.72	6945.136	12.500	12.3	98.7	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	6945.136		1.00	3.72	6945.136	12.500	12.3	98.7	NO		
59 13C4-PFHpA-EIS	367.2 > 321.8	6945.136		1.00	3.72	6945.136	12.500	12.3	98.7	NO		
-1												
13 L-PFHxS	399 > 80.0	2520.391	3592.671	1.00	3.86	8.769	9.120	8.27	90.6	NO	1.511	NO
15 6:2 FTS	427 > 407.0	4987.960	2173.899	1.00	4.18	28.681	9.480	9.38	98.9	NO	2.157	NO
16 L-PFOA	412.8 > 368.9	17887.277	15393.000	1.00	4.23	14.525	10.000	9.99	99.9	NO	4.035	NO
18 PFecHS	460.8 > 381.0		15393.000	1.00			10.000		(A)	NO		
19 PFHpS	448.9 > 80.0	2482.909	3746.547	1.00	4.34	8.284	9.520	9.09	95.5	NO	1.844	NO
20 7:3 FTCA	441.0 > 337.0		13770.431	1.00			10.000		(A)	NO		
61 13C3-PFHxS-EIS	401.8 > 79.9	3592.671		1.00	3.86	3592.671	12.500	12.1	96.6	NO		
63 13C2-6:2 FTS-EIS	429.0 >79.9	2173.899		1.00	4.17	2173.899	12.500	12.6	100.5	NO		
69 13C2-PFOA-EIS	414.9 > 369.7	15393.000		1.00	4.23	15393.000	12.500	12.8	102.7	NO		
69 13C2-PFOA-EIS	414.9 > 369.7	15393.000		1.00	4.23	15393.000	12.500	12.8	102.7	NO		

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Name: 200709M1_14, Date: 09-Jul-2020, Time: 18:17:34, ID: ICV200709M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

73 13C8-PFOS-EIS	507.0 > 80	3746.547		1.00	4.75	3746.547	12.500	12.2	97.8	NO		
65 13C5-PFNA-EIS	468.2 > 422.9	13770.431		1.00	4.67	13770.431	12.500	12.6	101.0	NO		
-1												
21 PFNA	463.0 > 418.8	13024.624	13770.431	1.00	4.67	11.823	10.000	9.29	92.9	NO	3.699	NO
22 PFOSA	498.0 > 78.0	3869.653	5454.658	1.00	4.71	8.868	10.000	9.86	98.6	NO	29.594	NO
23 L-PFOS	499 > 80	2919.757	3746.547	1.00	4.75	9.741	9.280	9.99	107.6	NO	1.952	NO
25 9Cl-PF30NS	531 > 351.0	10219.904	3746.547	1.00	4.97	34.098	9.320	9.50	101.9	NO	18.717	NO
26 PFDA	513 > 468.8	15843.751	13607.311	1.00	5.04	14.554	10.000	10.1	101.4	NO	5.300	NO
27 8:2 FTS	526.9 > 507.0	4476.338	2422.058	1.00	5.01	23.102	9.600	8.93	93.1	NO	1.523	NO
65 13C5-PFNA-EIS	468.2 > 422.9	13770.431		1.00	4.67	13770.431	12.500	12.6	101.0	NO		
67 13C8-PFOSA-EIS	506. > 78	5454.658		1.00	4.71	5454.658	12.500	13.2	105.5	NO		
73 13C8-PFOS-EIS	507.0 > 80	3746.547		1.00	4.75	3746.547	12.500	12.2	97.8	NO		
73 13C8-PFOS-EIS	507.0 > 80	3746.547		1.00	4.75	3746.547	12.500	12.2	97.8	NO		
75 13C2-PFDA-EIS	515.1 > 469.9	13607.311		1.00	5.04	13607.311	12.500	12.0	95.6	NO		
77 13C2-8:2 FTS-EIS	528.9 > 79.9	2422.058		1.00	5.01	2422.058	12.500	13.2	105.7	NO		
-1												
28 PFNS	548.9 > 79.9	3168.011	3746.547	1.00	5.11	10.570	9.600	10.9	113.2	NO	1.652	NO
29 L-MeFOSAA	570 > 419	7803.206	10926.562	1.00	5.19	8.927	10.000	9.63	96.3	NO	2.687	NO
31 L-EtFOSAA	583.9 > 419	7813.581	10228.854	1.00	5.35	9.548	10.000	9.81	98.1	NO	1.363	NO
33 PFUdA	563.0 > 518.9	14283.928	19482.674	1.00	5.37	9.165	10.000	9.59	95.9	NO	9.041	NO
34 PFDS	599.0 > 80.0	2436.757	3746.547	1.00	5.41	8.130	9.640	10.0	103.9	NO	1.432	NO
35 11Cl-PF30UdS	630.9 > 450.9	9376.087	23572.121	1.00	5.58	4.972	9.440	8.25	87.4	NO	25.509	NO
73 13C8-PFOS-EIS	507.0 > 80	3746.547		1.00	4.75	3746.547	12.500	12.2	97.8	NO		
79 d3-N-MeFOSAA-EIS	573. > 419	10926.562		1.00	5.19	10926.562	12.500	12.1	97.2	NO		
83 d5-N-EtFOSAA-EIS	589. > 419	10228.854		1.00	5.35	10228.854	12.500	13.0	103.8	NO		
81 13C2-PFUdA-EIS	565 > 519.8	19482.674		1.00	5.36	19482.674	12.500	11.3	90.0	NO		
73 13C8-PFOS-EIS	507.0 > 80	3746.547		1.00	4.75	3746.547	12.500	12.2	97.8	NO		
85 13C2-PFDoA-EIS	615 > 570	23572.121		1.00	5.65	23572.121	12.500	13.0	104.1	NO		
-1												
36 10:2 FTS	626.9 > 607		1753.635	1.00			10.000		(A)	NO		
37 PFDoA	612.9 > 569.0	17612.041	23572.121	1.00	5.65	9.339	10.000	9.57	95.7	NO	7.630	NO
38 N-MeFOSA	512.1 > 168.9		14205.307	1.00			9.600		(A)	NO		
39 PFTrDA	662.9 > 618.9	17526.281	23572.121	1.00	5.90	9.294	10.000	9.83	98.3	NO	8.960	NO
40 PFDoS	698.9 > 80		15788.977	1.00			10.000		(A)	NO		
41 PFTeDA	713.0 > 669.0	18075.670	15788.977	1.00	6.11	14.310	10.000	9.56	95.6	NO	13.516	NO
87 13C2-10:2 FTS-EIS	633 > 79.9	1753.635		1.00	5.63	1753.635	12.500	12.1	97.1	NO		

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Name: 200709M1_14, Date: 09-Jul-2020, Time: 18:17:34, ID: ICV200709M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

85 13C2-PFDoA-EIS	615 > 570	23572.121		1.00	5.65	23572.121	12.500	13.0	104.1	NO
89 d3-N-MeFOSA-EIS	515.2 > 168.9	14205.307		1.00	5.68	14205.307	149.200	146	98.2	NO
85 13C2-PFDoA-EIS	615 > 570	23572.121		1.00	5.65	23572.121	12.500	13.0	104.1	NO
91 13C2-PFTeDA-EIS	715.1 > 669.7	15788.977		1.00	6.11	15788.977	12.500	11.9	95.3	NO
91 13C2-PFTeDA-EIS	715.1 > 669.7	15788.977		1.00	6.11	15788.977	12.500	11.9	95.3	NO
-1										
42 N-EtFOSA	526.1 > 168.9		22502.529	1.00			9.600			NO
43 PFHxDA	813.1 > 768.6		24532.656	1.00			10.000			NO
44 PFODA	913 > 869		24532.656	1.00			10.000			NO
45 N-MeFOSE	616.1 > 58.9		9918.317	1.00			9.600			NO
46 N-EtFOSE	630.1 > 58.9		11881.563	1.00			9.600			NO
48 13C3-PFBA-RSD	216.1 > 171.8	3761.112	5369.929	1.00	1.34	8.755	12.500	13.0	103.7	NO
93 d5-N-ETFOSA-EIS	531.1 > 168.9	22502.529		1.00	6.10	22502.529	149.200	140	94.1	NO
95 13C2-PFHxDA-EIS	815 > 769.7	24532.656		1.00	6.43	24532.656	12.500	12.8	102.5	NO
95 13C2-PFHxDA-EIS	815 > 769.7	24532.656		1.00	6.43	24532.656	12.500	12.8	102.5	NO
97 d7-N-MeFOSE-EIS	623.1 > 58.9	9918.317		1.00	6.29	9918.317	149.200	135	90.6	NO
99 d9-N-EtFOSE-EIS	639.2 > 58.8	11881.563		1.00	6.44	11881.563	149.200	145	97.5	NO
50 13C3-PFPeA-RSD	266.0 > 221.8	6420.386	13965.168	1.00	2.28	5.747	12.500	12.1	96.8	NO
-1										
52 13C3-PFBS-RSD	302.0 > 99	1412.824	1996.270	1.00	2.57	8.847	12.500	12.0	95.7	NO
54 13C3-HFPO-DA-RSD	287.0 > 168.9	1027.212	13965.168	1.00	3.33	0.919	12.500	14.0	112.0	NO
56 13C2-4:2 FTS-RSD	329.0 >79.9	2574.169	1996.270	1.00	3.02	16.119	12.500	13.6	109.2	NO
58 13C2-PFHxA-RSD	315.0 > 270.0	11977.374	13965.168	1.00	3.10	10.721	12.500	12.5	99.7	NO
60 13C4-PFHpA-RSD	367.2 > 321.8	6872.831	13965.168	1.00	3.72	6.152	12.500	12.1	96.5	NO
62 13C3-PFHxS-RSD	401.8 > 79.9	3578.850	1996.270	1.00	3.86	22.410	12.500	12.9	103.1	NO
64 13C2-6:2 FTS-RSD	429.0 >79.9	2159.772	4177.424	1.00	4.17	6.463	12.500	12.3	98.1	NO
66 13C5-PFNA-RSD	468.2 > 422.9	13514.823	14256.528	1.00	4.67	11.850	12.500	13.1	105.1	NO
68 13C8-PFOSA-RSD	506. > 78	5413.666	24635.525	1.00	4.71	2.747	12.500	12.8	102.6	NO
70 13C2-PFOA-RSD	414.9 > 369.7	15388.796	22613.125	1.00	4.23	8.507	12.500	12.6	101.0	NO
74 13C8-PFOS-RSD	507.0 > 80	3719.283	4177.424	1.00	4.75	11.129	12.500	11.0	88.2	NO
76 13C2-PFDA-RSD	515.1 > 469.9	13498.694	19267.146	1.00	5.04	8.758	12.500	11.9	95.4	NO
-1										
78 13C2-8:2 FTS-RSD	528.9 > 79.9	2377.648	4177.424	1.00	5.01	7.115	12.500	12.8	102.2	NO
80 d3-N-MeFOSAA-RSD	573. > 419	10805.291	24635.525	1.00	5.19	5.483	12.500	11.8	94.6	NO
82 13C2-PFUdA-RSD	565 > 519.8	19410.346	24635.525	1.00	5.36	9.849	12.500	11.4	91.2	NO
84 d5-N-EtFOSAA-RSD	589. > 419	9973.569	24635.525	1.00	5.35	5.061	12.500	12.3	98.8	NO

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Name: 200709M1_14, Date: 09-Jul-2020, Time: 18:17:34, ID: ICV200709M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

86 13C2-PFDoA-RSD	615 > 570	22986.816	19267.146	1.00	5.65	14.913	12.500	11.9	95.6	NO
88 13C2-10:2 FTS-RSD	633 > 79.9	1704.165	4177.424	1.00	5.63	5.099	12.500	12.4	99.1	NO
90 d3-N-MeFOSA-RSD	515.2 > 168.9	14205.307	24635.525	1.00	5.68	7.208	149.200	138	92.7	NO
92 13C2-PFTeDA-RSD	715.1 > 669.7	15494.956	24635.525	1.00	6.11	7.862	12.500	11.5	92.0	NO
94 d5-N-ETFOSA-RSD	531.1 > 168.9	22502.529	24635.525	1.00	6.10	11.418	149.200	144	96.2	NO
96 13C2-PFHxDA-RSD	815 > 769.7	24347.850	24635.525	1.00	6.43	12.354	12.500	12.8	102.1	NO
98 d7-N-MeFOSE-RSD	623.1 > 58.9	9918.317	24635.525	1.00	6.29	5.033	149.200	124	83.3	NO
1... d9-N-EtFOSE-RSD -1	639.2 > 58.8	11799.143	24635.525	1.00	6.44	5.987	149.200	145	97.4	NO
1... 13C4-PFBA	217.0 > 172.0	5369.929	5369.929	1.00	1.33	12.500	12.500	12.5	100.0	NO
1... 13C5-PFHxA	318.0 > 272.9	13965.168	13965.168	1.00	3.10	12.500	12.500	12.5	100.0	NO
1... 13C8-PFOA	420.9 > 376.0	22613.125	22613.125	1.00	4.23	12.500	12.500	12.5	100.0	NO
1... 18O2-PFHxS	403.0 > 103.0	1996.270	1996.270	1.00	3.86	12.500	12.500	12.5	100.0	NO
1... 13C9-PFNA	472.2 > 426.9	14256.528	14256.528	1.00	4.66	12.500	12.500	12.5	100.0	NO
1... 13C4-PFOS	503 > 80.0	4177.424	4177.424	1.00	4.75	12.500	12.500	12.5	100.0	NO
1... 13C6-PFDA	519.1 > 473.7	19267.146	19267.146	1.00	5.04	12.500	12.500	12.5	100.0	NO
1... 13C7-PFUdA	570.1 > 524.8	24635.525	24635.525	1.00	5.36	12.500	12.500	12.5	100.0	NO

FBR 7/10/2020

Vista Analytical Laboratory

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-ICV.qld

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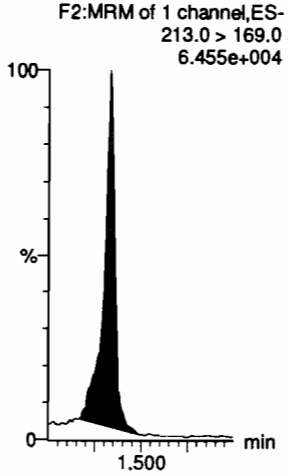
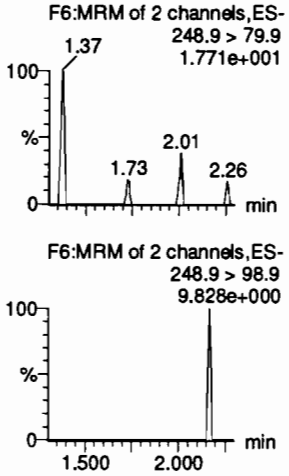
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_070720_ICV.mdb 08 Jul 2020 09:41:02
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-09-20.cdb 10 Jul 2020 10:31:20

Name: 200709M1_14, Date: 09-Jul-2020, Time: 18:17:34, ID: ICV200709M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

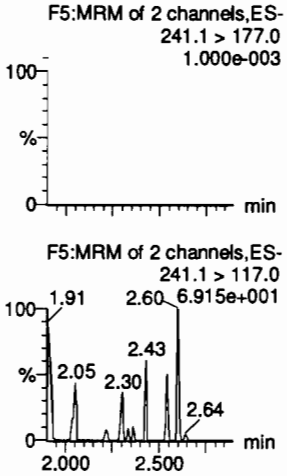
PFBA



PFPrS



3:3 FTCA



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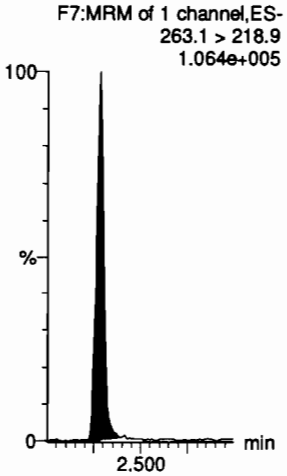
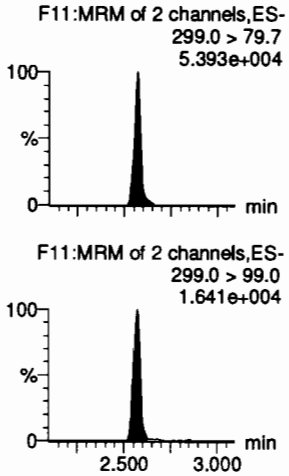
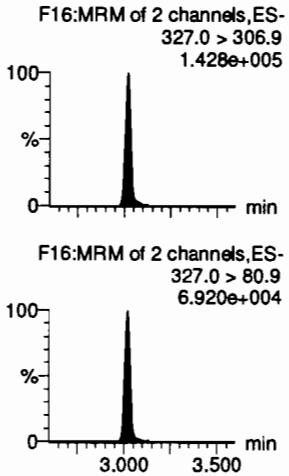


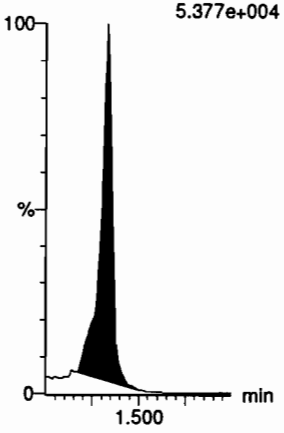
PFBS



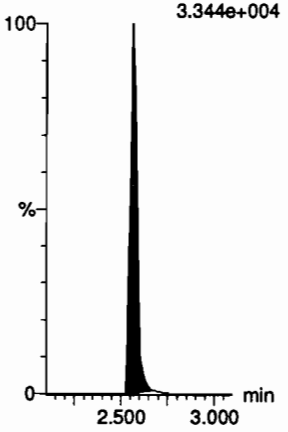
4:2 FTS



13C3-PFBA-EIS



13C3-PFBS-EIS



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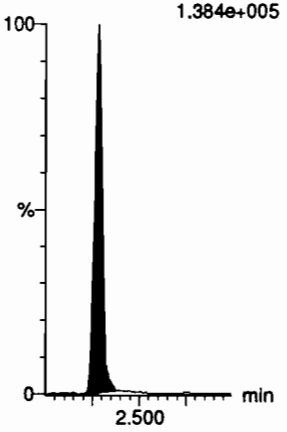

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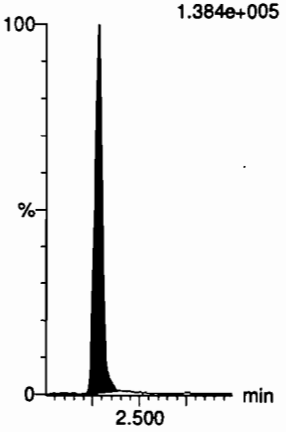

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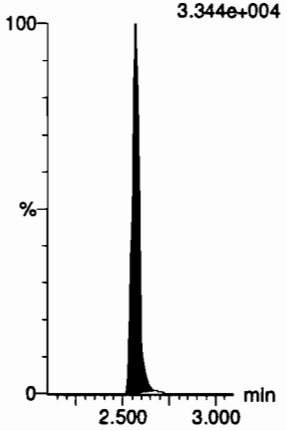
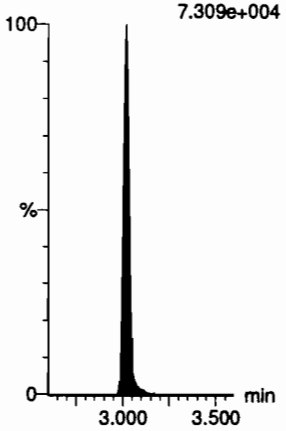


13C2-4:2 FTS-EIS



FBR 7/10/2020

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-ICV.qld

Last Altered: Friday, July 10, 2020 10:48:11 Pacific Daylight Time
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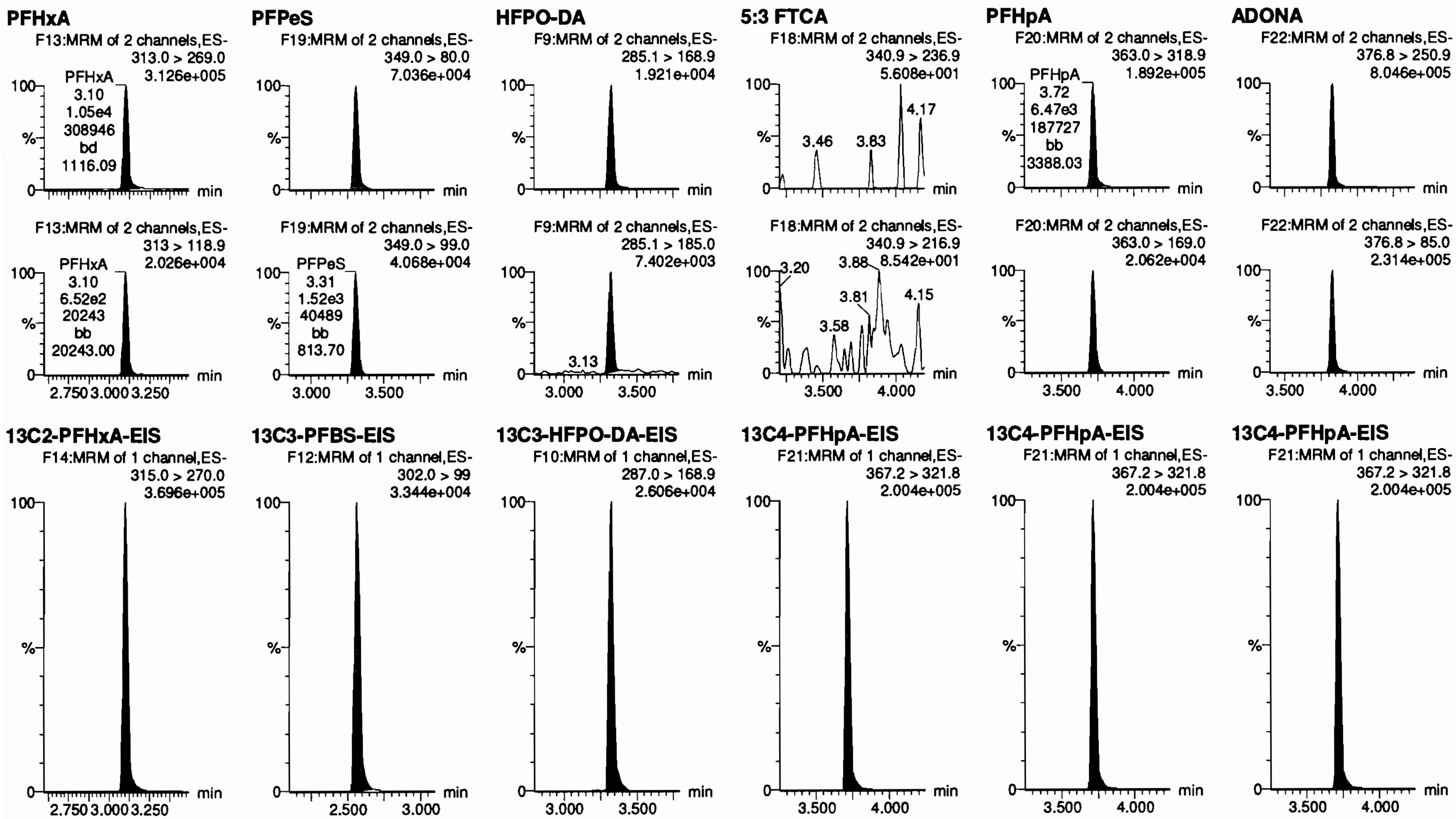
Name: 200709M1_14, Date: 09-Jul-2020, Time: 18:17:34, ID: ICV200709M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911



FBR 7/10/2020

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-ICV.qld

Last Altered: Friday, July 10, 2020 10:48:11 Pacific Daylight Time
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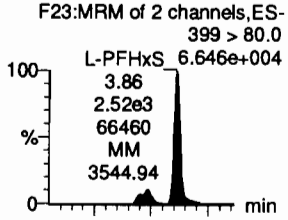
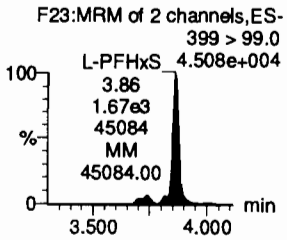
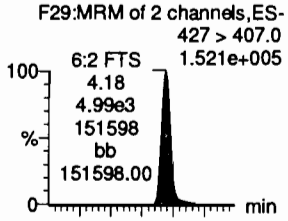
Name: 200709M1_14, Date: 09-Jul-2020, Time: 18:17:34, ID: ICV200709M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

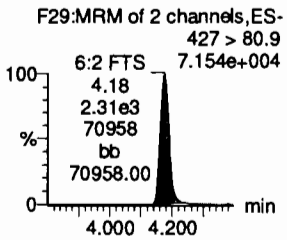
L-PFHxS



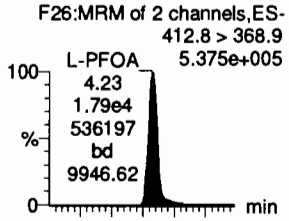


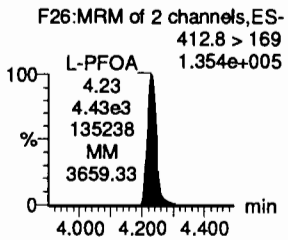
6:2 FTS



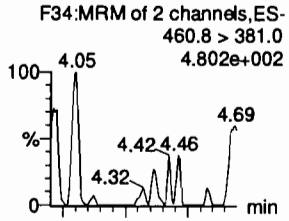


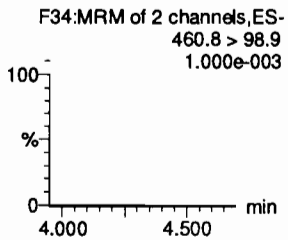
L-PFOA



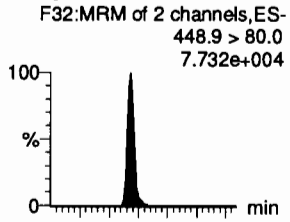


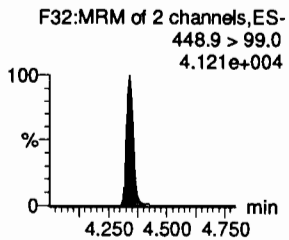
PFEChS



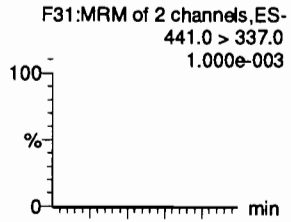


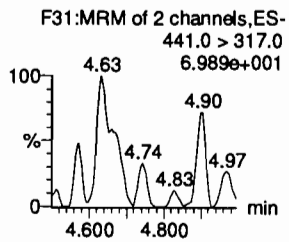
PFHpS



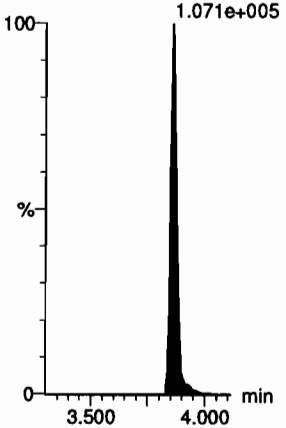


7:3 FTCA

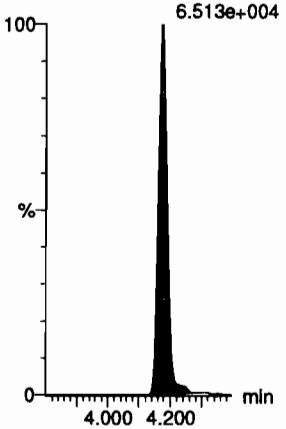




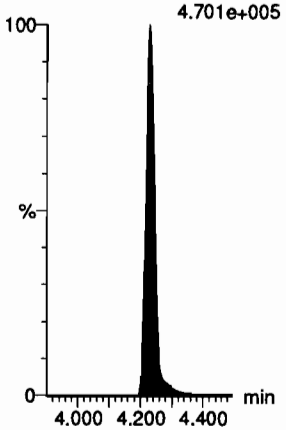
13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



13C2-PFOA-EIS



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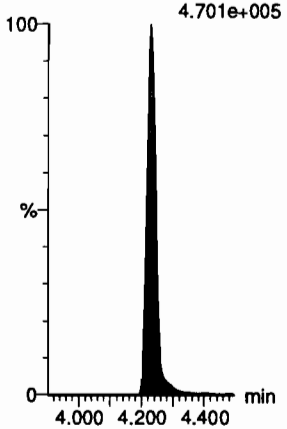
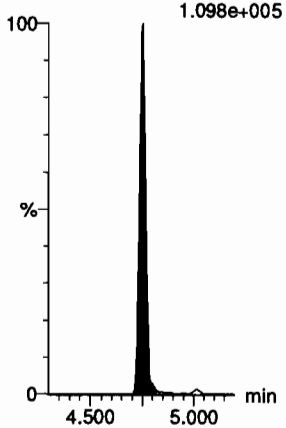
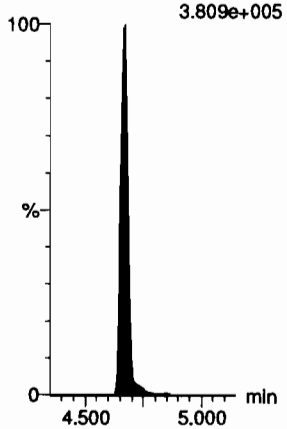


13C8-PFOS-EIS



13C5-PFNA-EIS



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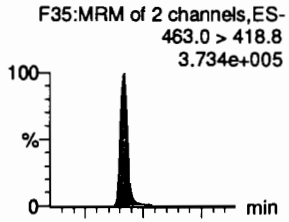
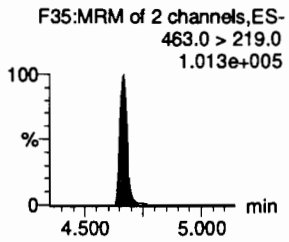
Name: 200709M1_14, Date: 09-Jul-2020, Time: 18:17:34, ID: ICV200709M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

PFNA





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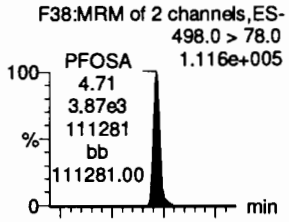
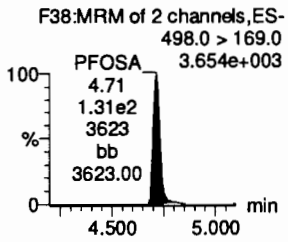
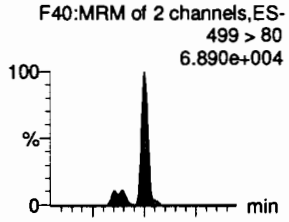
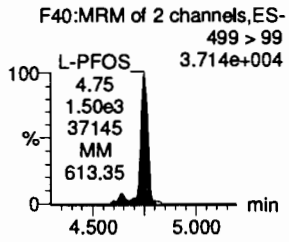




L-PFOS





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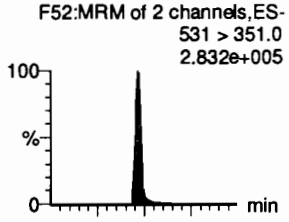

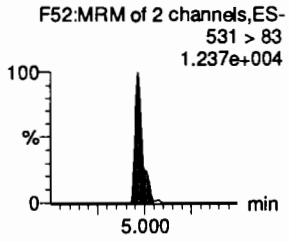

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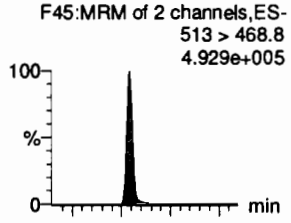
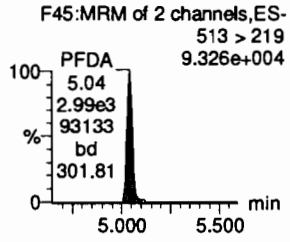
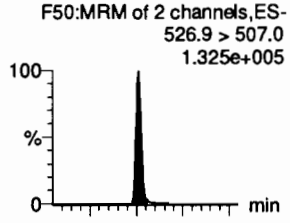
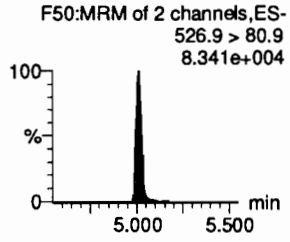


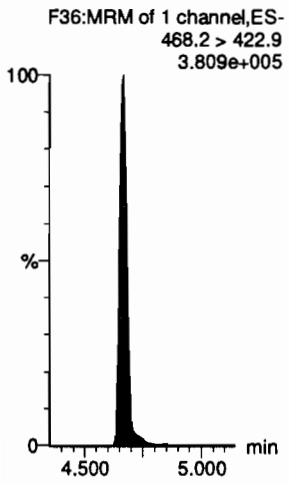


8:2 FTS

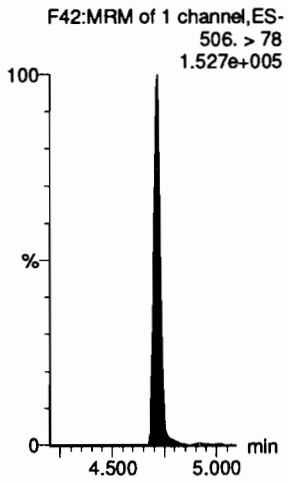




13C5-PFNA-EIS



13C8-PFOSA-EIS



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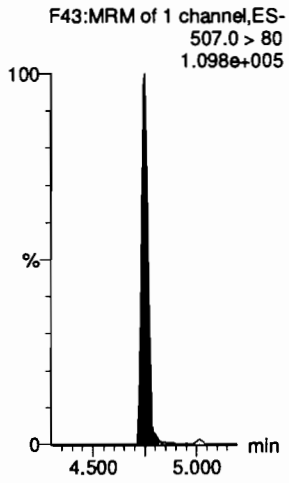

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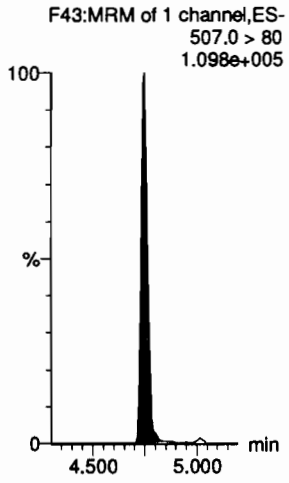
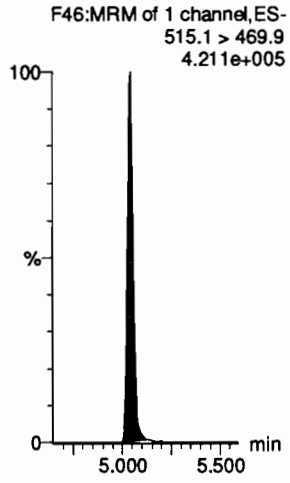
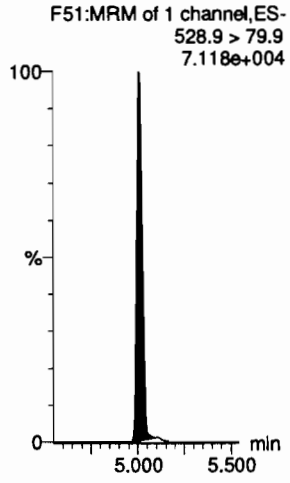


13C2-PFDA-EIS



13C2-8:2 FTS-EIS



FBR 7/10/2020

Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-ICV.qld

Last Altered: Friday, July 10, 2020 10:48:11 Pacific Daylight Time
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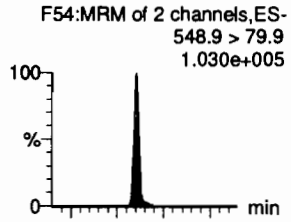
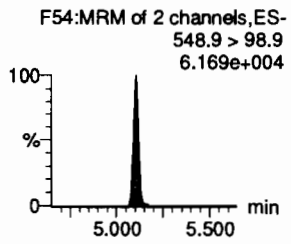
Name: 200709M1_14, Date: 09-Jul-2020, Time: 18:17:34, ID: ICV200709M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

PFNS





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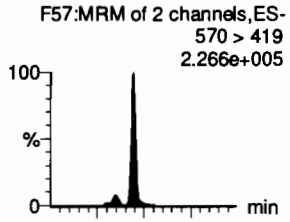

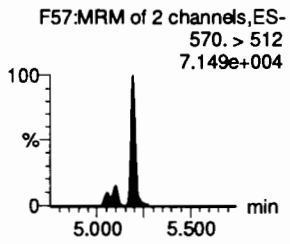

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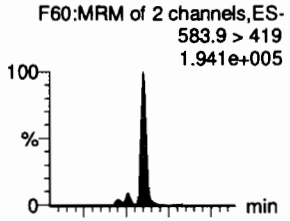

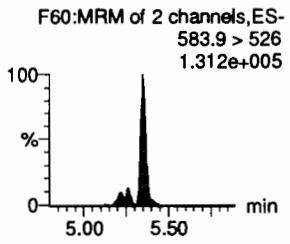

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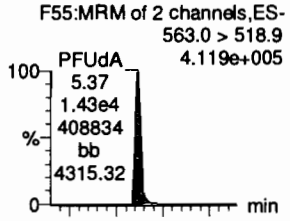

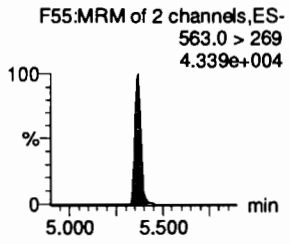

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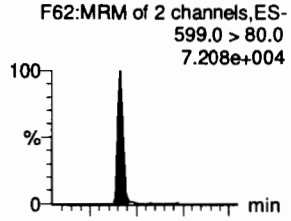
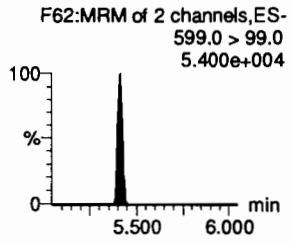
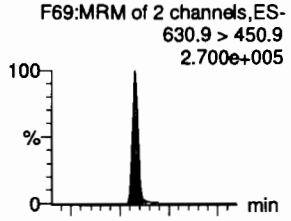
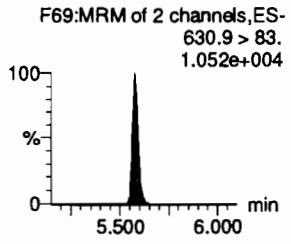


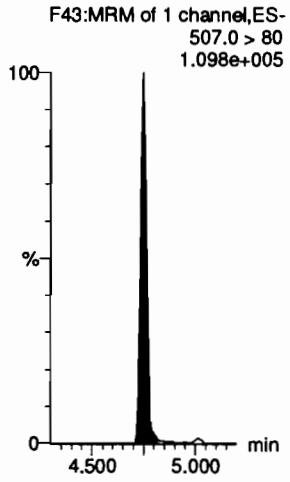


11Cl-PF30UdS

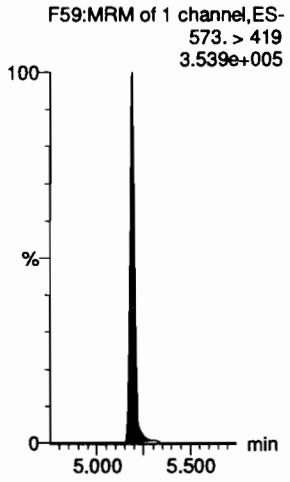




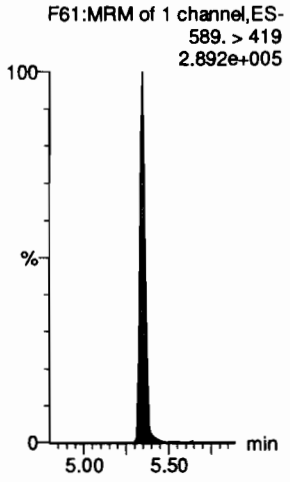
13C8-PFOS-EIS



d3-N-MeFOSAA-EIS

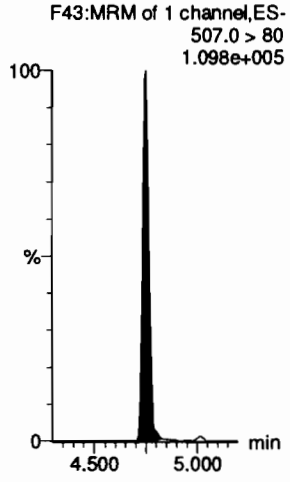


d5-N-EtFOSAA-EIS

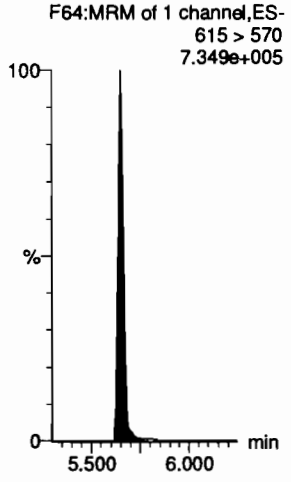


13C2-PFUdA-EIS

13C8-PFOS-EIS



13C2-PFDoA-EIS



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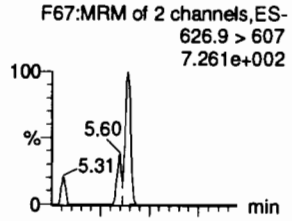
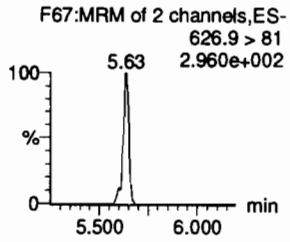
Name: 200709M1_14, Date: 09-Jul-2020, Time: 18:17:34, ID: ICV200709M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

10:2 FTS





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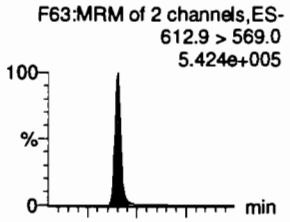
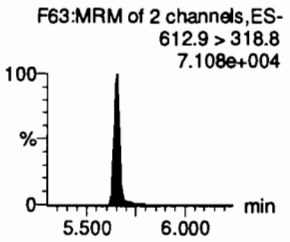
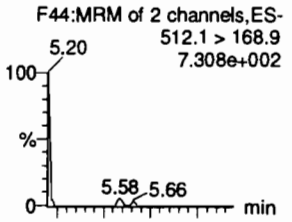
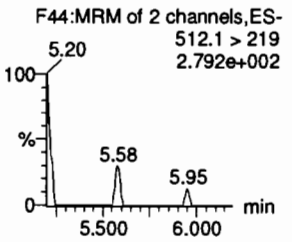




N-MeFOSA





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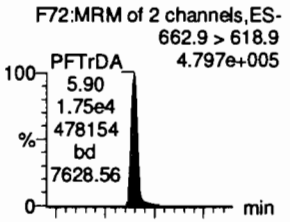

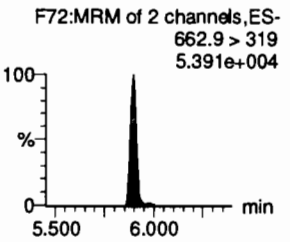

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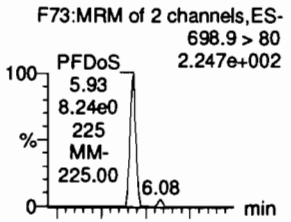

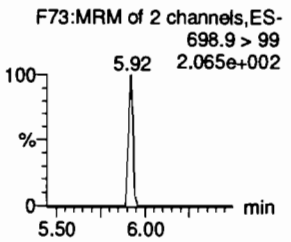

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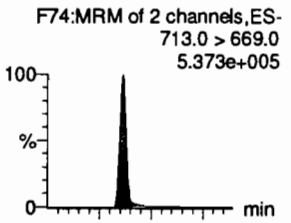

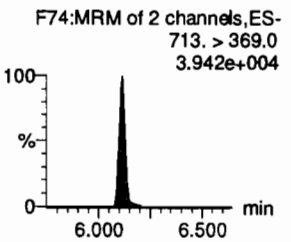

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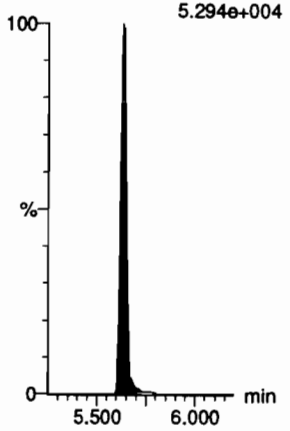
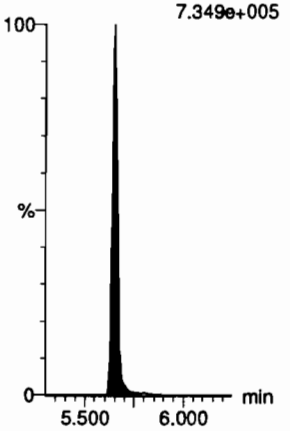
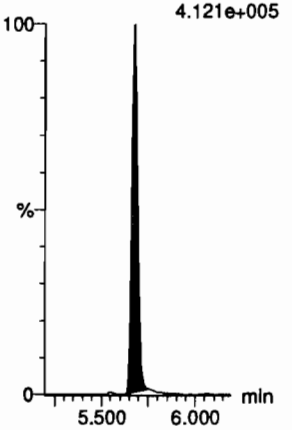


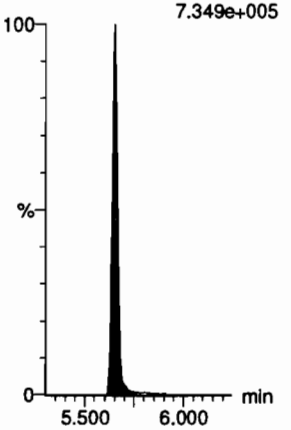
13C2-PFDoA-EIS



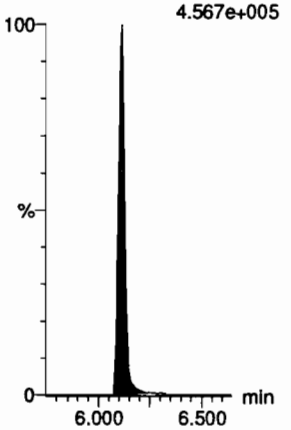
d3-N-MeFOSA-EIS



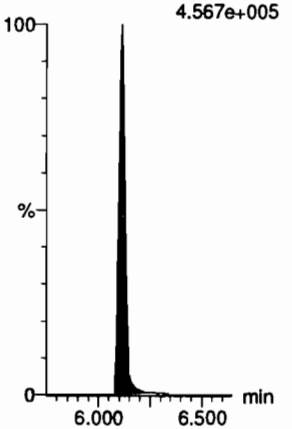
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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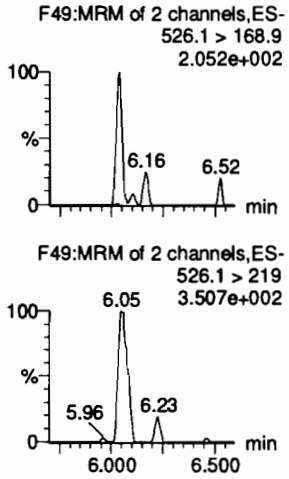
Name: 200709M1_14, Date: 09-Jul-2020, Time: 18:17:34, ID: ICV200709M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

N-EtFOSA



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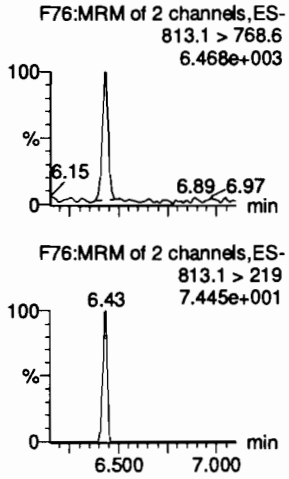
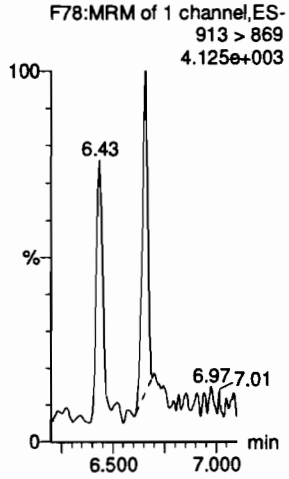
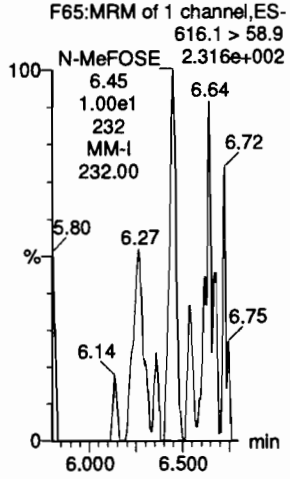


PFODA



N-MeFOSE



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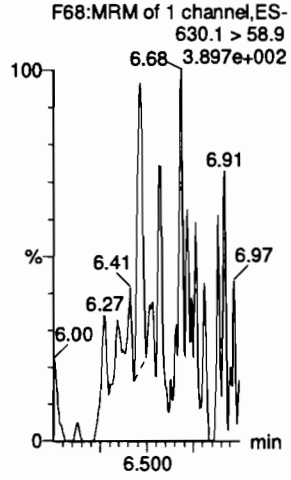
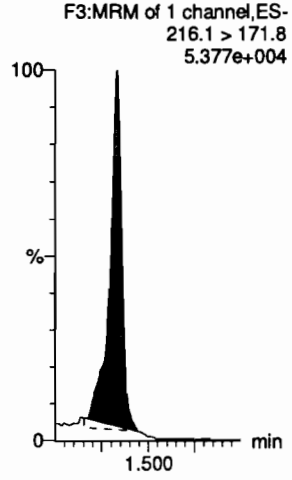
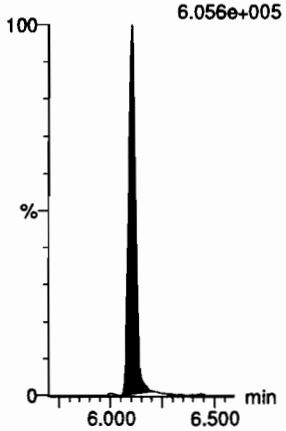


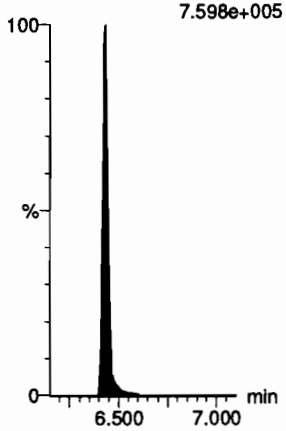
13C3-PFBA-RSD



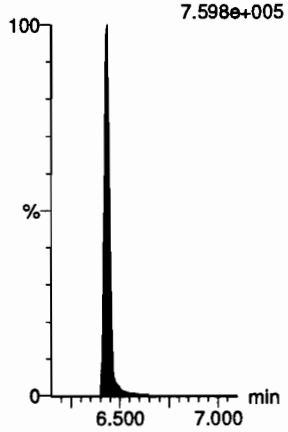
d5-N-ETFOSA-EIS



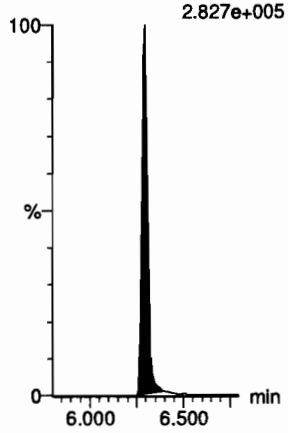
13C2-PFHxDA-EIS



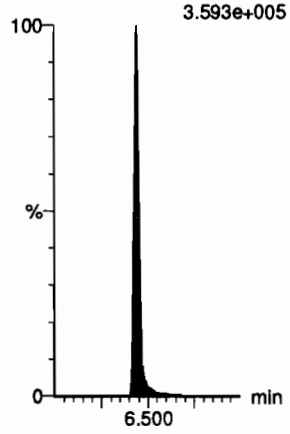
13C2-PFHxDA-EIS



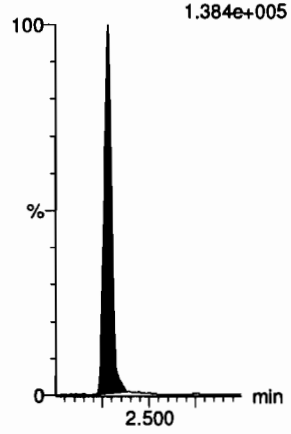
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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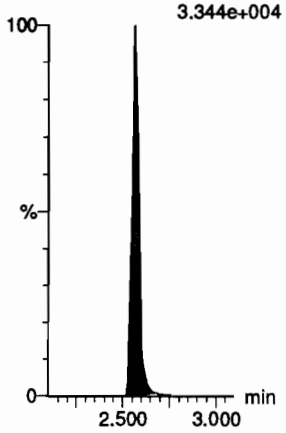
13C3-PFBS-RSD



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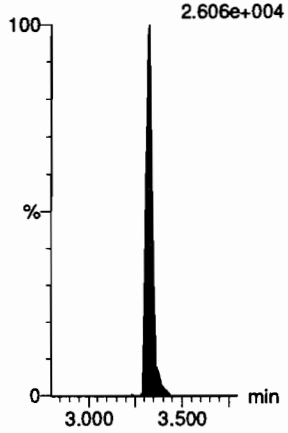
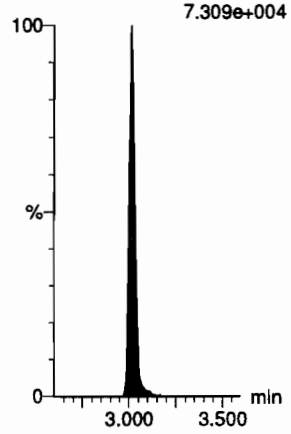


13C2-4:2 FTS-RSD



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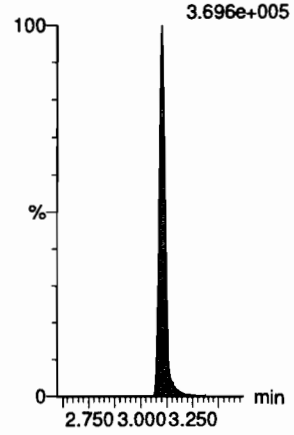

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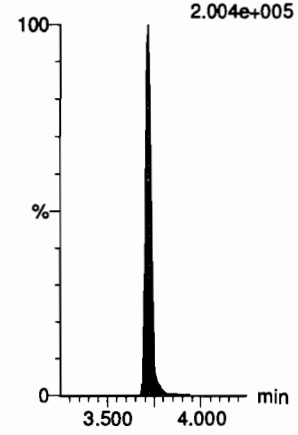

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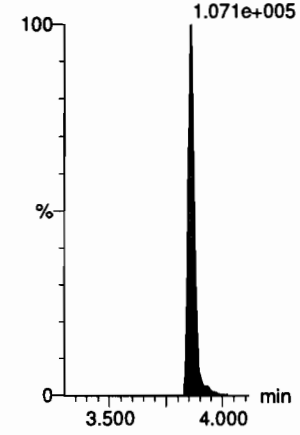
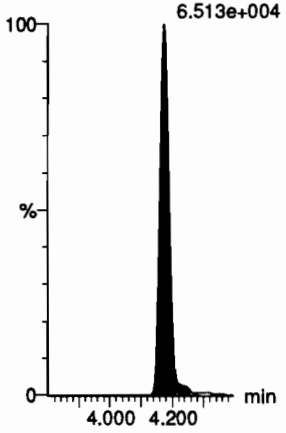
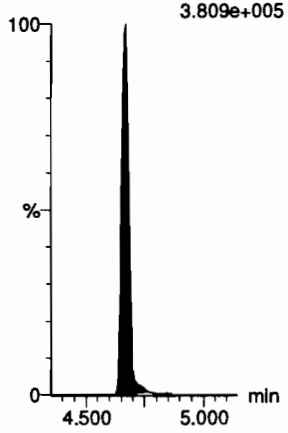


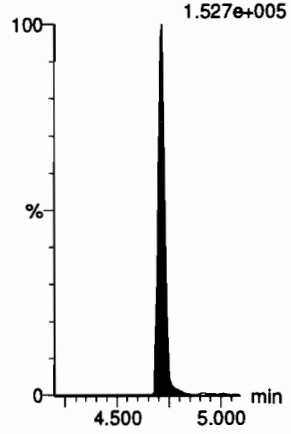
13C2-6:2 FTS-RSD



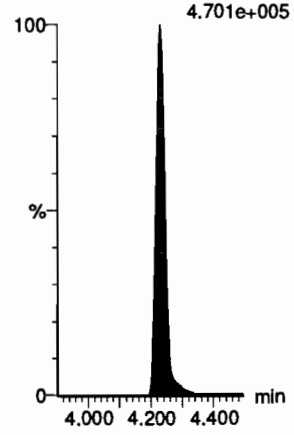
13C5-PFNA-RSD



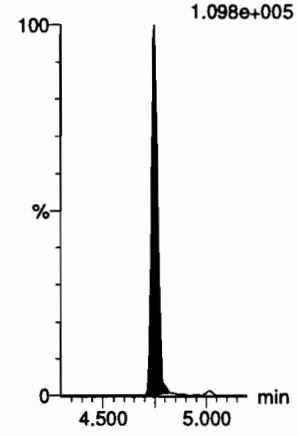
13C8-PFOSA-RSD



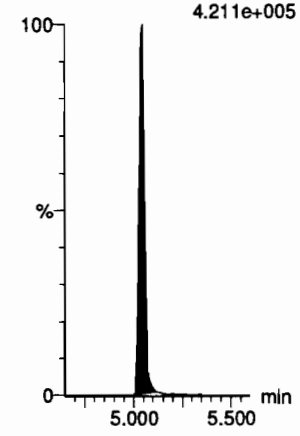
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-ICV.qld

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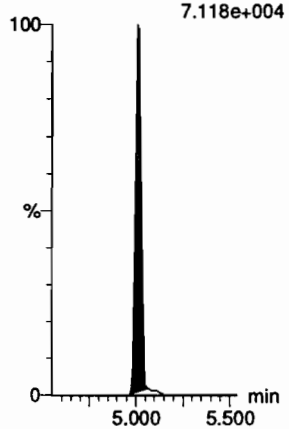
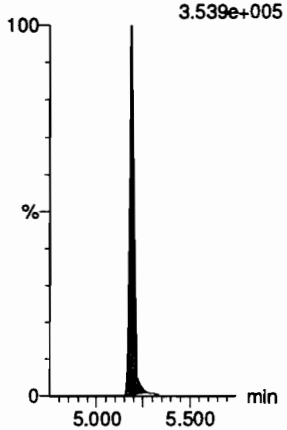
Printed: Friday, July 10, 2020 10:48:36 Pacific Daylight Time

Name: 200709M1_14, Date: 09-Jul-2020, Time: 18:17:34, ID: ICV200709M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

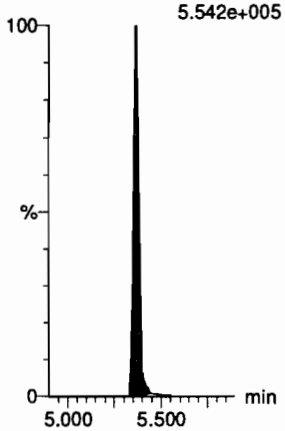
13C2-8:2 FTS-RSD
F51:MRM of 1 channel,ES-
528.9 > 79.9
7.118e+004



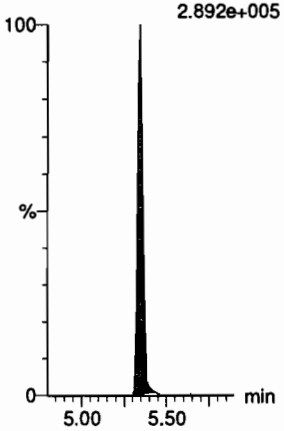
d3-N-MeFOSAA-RSD
F59:MRM of 1 channel,ES-
573. > 419
3.539e+005



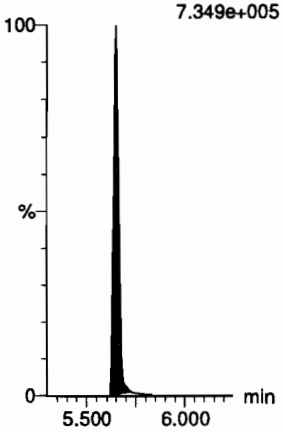
13C2-PFUdA-RSD
F56:MRM of 1 channel,ES-
565 > 519.8
5.542e+005



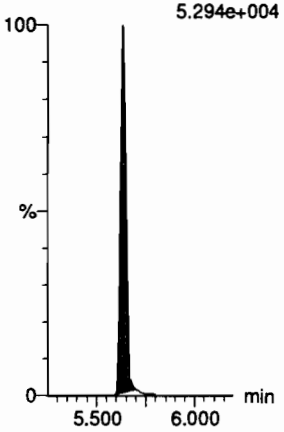
d5-N-EtFOSAA-RSD
F61:MRM of 1 channel,ES-
589. > 419
2.892e+005



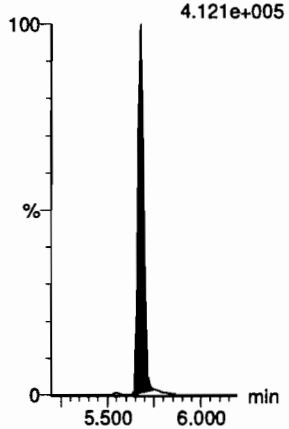
13C2-PFDoA-RSD
F64:MRM of 1 channel,ES-
615 > 570
7.349e+005



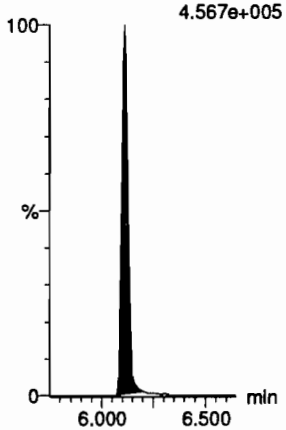
13C2-10:2 FTS-RSD
F70:MRM of 1 channel,ES-
633 > 79.9
5.294e+004



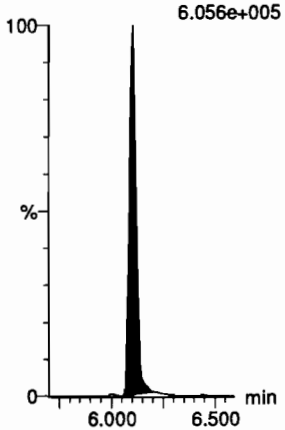
d3-N-MeFOSA-RSD
F47:MRM of 1 channel,ES-
515.2 > 168.9
4.121e+005



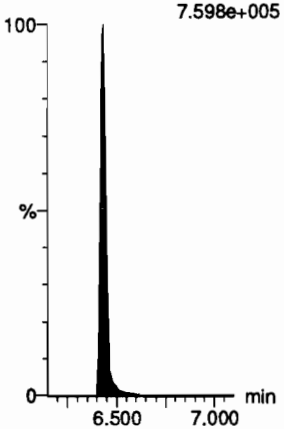
13C2-PFTeDA-RSD
F75:MRM of 2 channels,ES-
715.1 > 669.7
4.567e+005



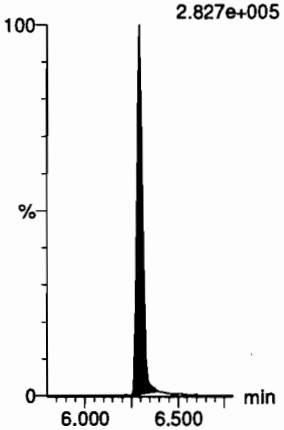
d5-N-ETFOSA-RSD
F53:MRM of 1 channel,ES-
531.1 > 168.9
6.056e+005



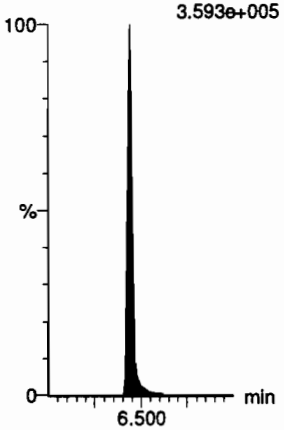
13C2-PFHxDA-RSD
F77:MRM of 1 channel,ES-
815 > 769.7
7.598e+005



d7-N-MeFOSE-RSD
F66:MRM of 1 channel,ES-
623.1 > 58.9
2.827e+005



d9-N-EtFOSE-RSD
F71:MRM of 1 channel,ES-
639.2 > 58.8
3.593e+005

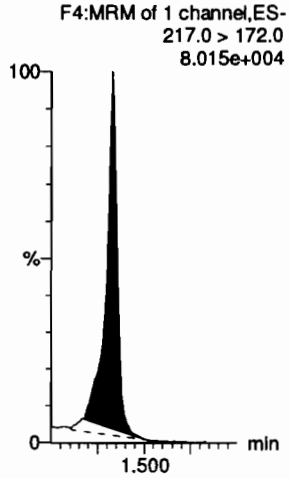


Dataset: F:\Projects\PFAS.PRO\Results\200709M1\200709M1-ICV.qld

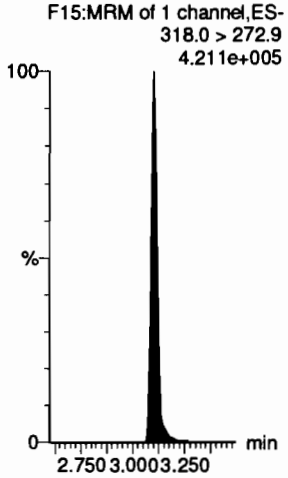
Last Altered: Friday, July 10, 2020 10:48:11 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:48:36 Pacific Daylight Time

Name: 200709M1_14, Date: 09-Jul-2020, Time: 18:17:34, ID: ICV200709M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

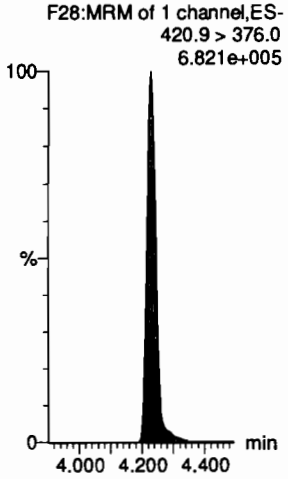
13C4-PFBA



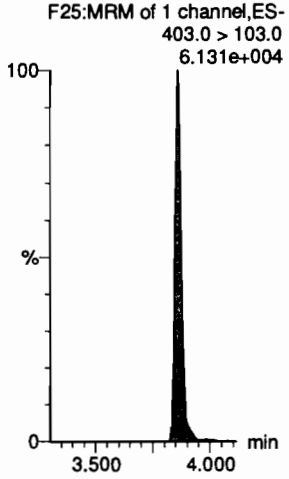
13C5-PFHxA



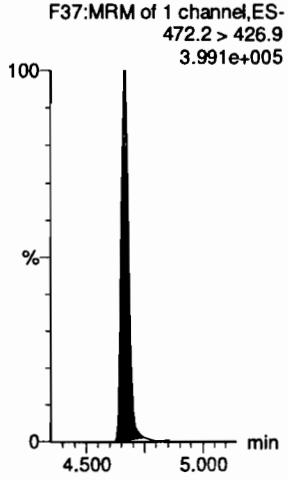
13C8-PFOA



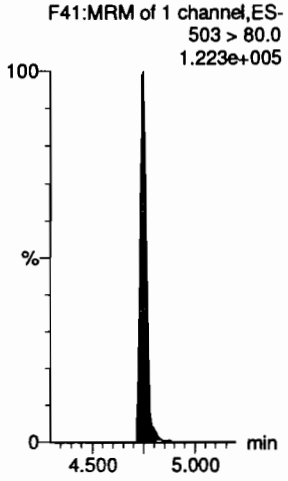
18O2-PFHxS



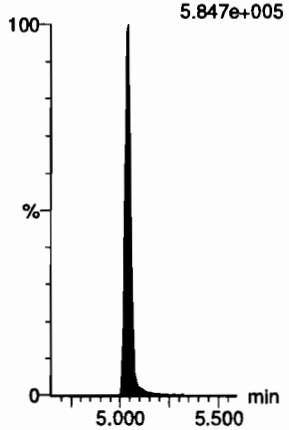
13C9-PFNA



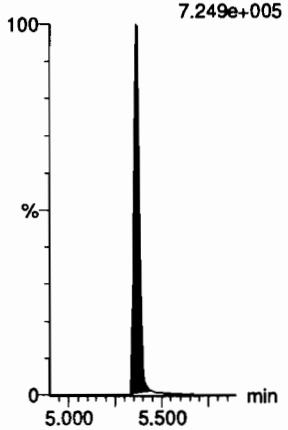
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Friday, July 10, 2020 10:55:15 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:55:19 Pacific Daylight Time

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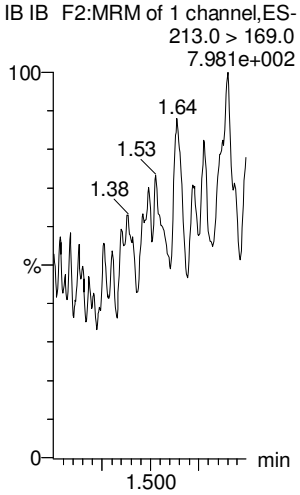
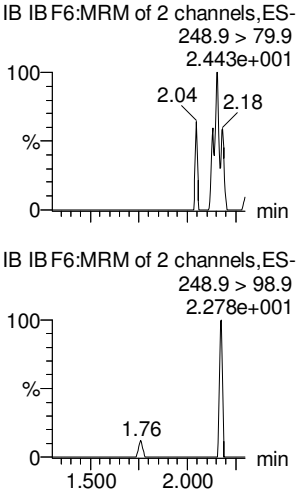
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-09-20.cdb 10 Jul 2020 10:31:20

Name: 200709M1_13, Date: 09-Jul-2020, Time: 18:07:12, ID: IB, Description: IB

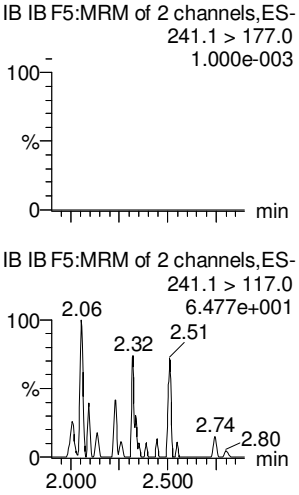
PFBA



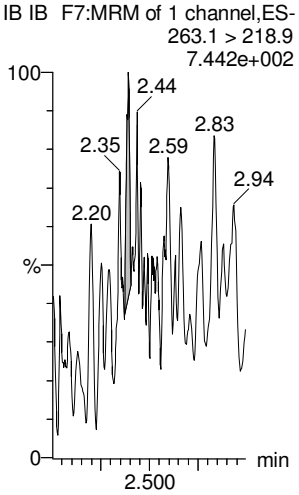
PFPrS



3:3 FTCA



PFPeA



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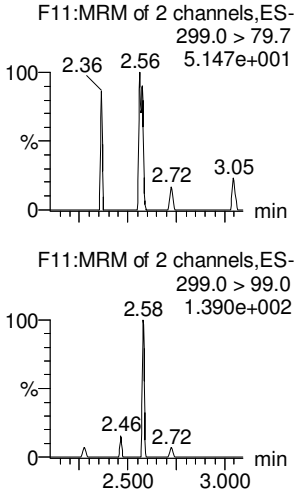
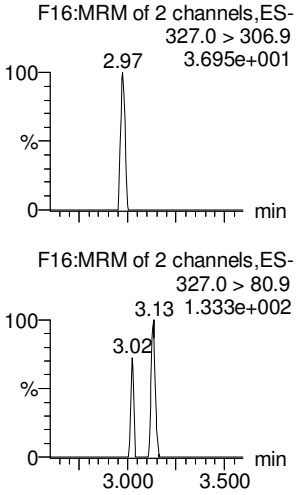
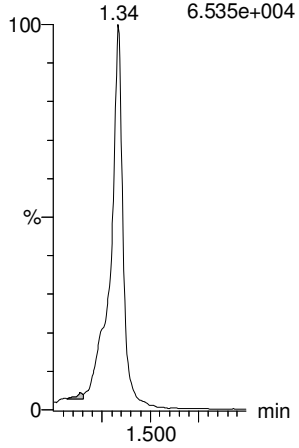


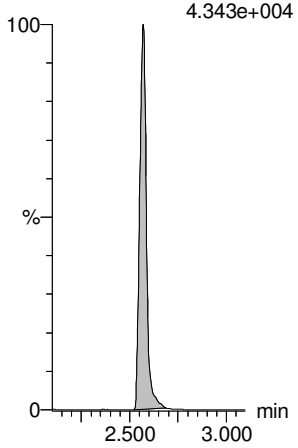
4:2 FTS



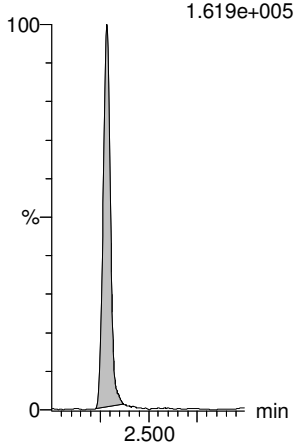
13C3-PFBA-EIS



13C3-PFBS-EIS



13C3-PFPeA-EIS



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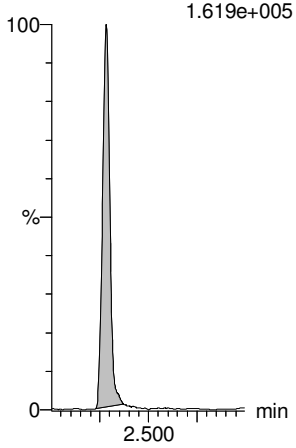

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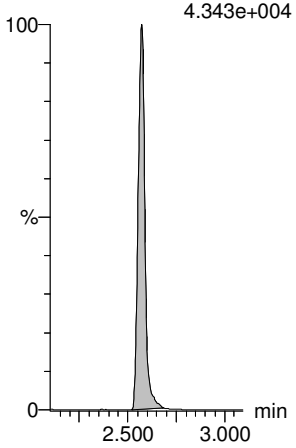
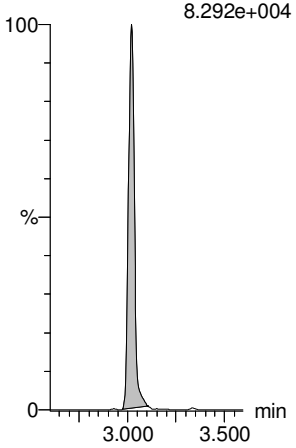


13C2-4:2 FTS-EIS



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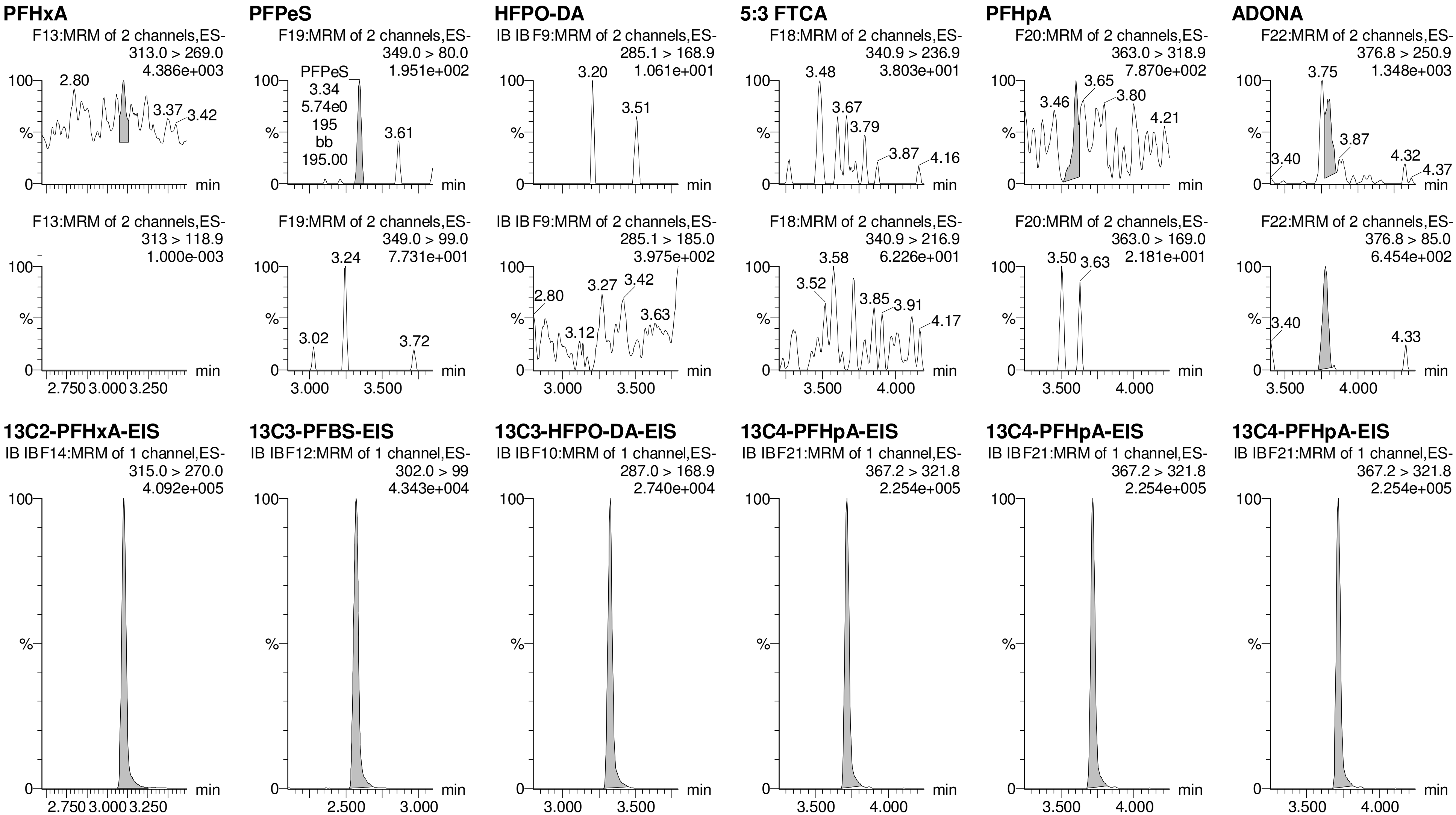
Printed: Friday, July 10, 2020 10:55:19 Pacific Daylight Time

Name: 200709M1_13, Date: 09-Jul-2020, Time: 18:07:12, ID: IB, Description: IB



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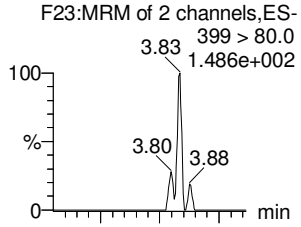
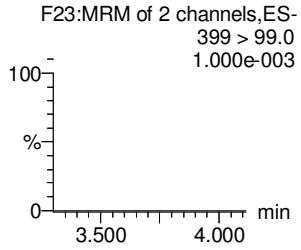
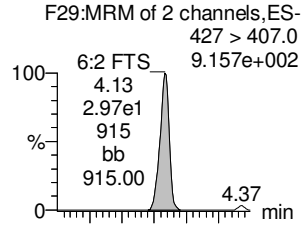
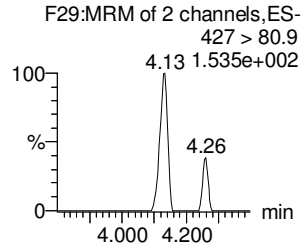
L-PFHxS



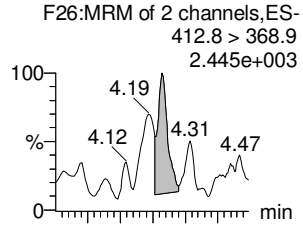


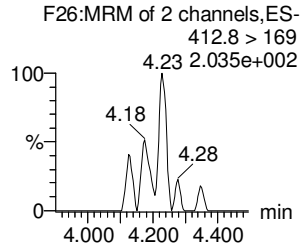
6:2 FTS



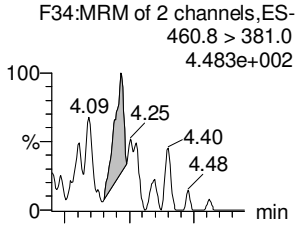


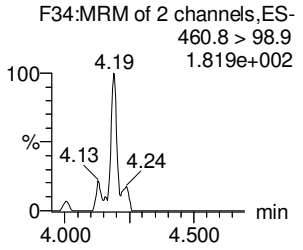
L-PFOA



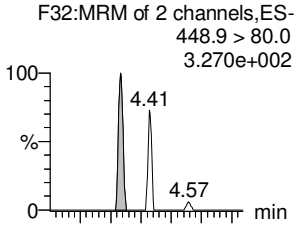


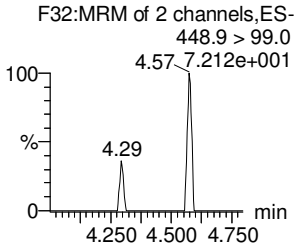
PFEChS



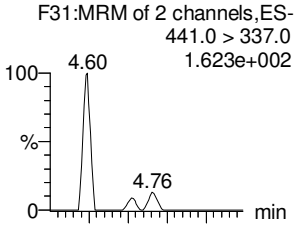


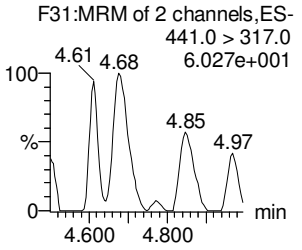
PFHpS



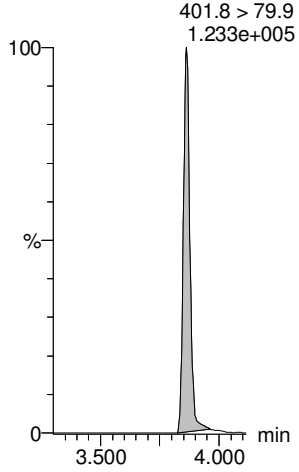


7:3 FTCA

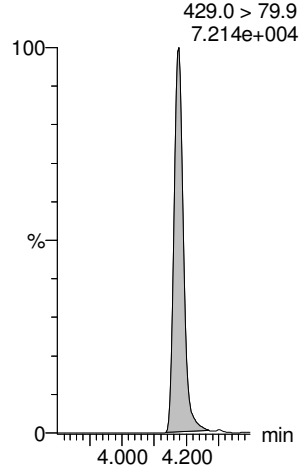




13C3-PFHxS-EIS



13C2-6:2 FTS-EIS



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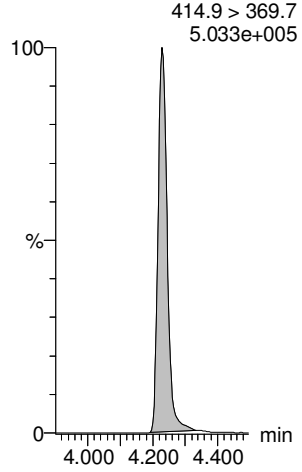

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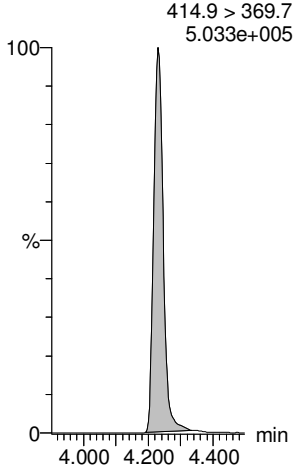
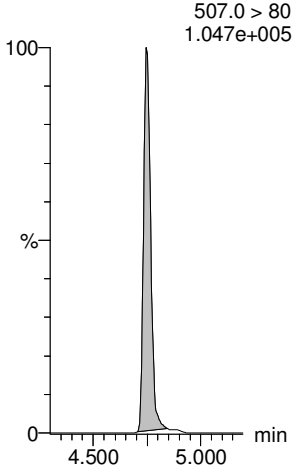
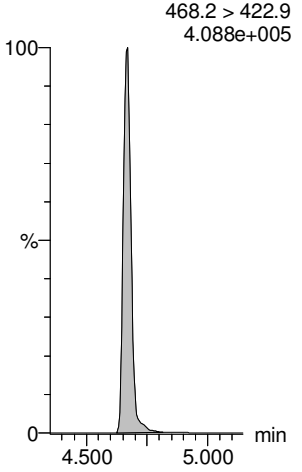


13C8-PFOS-EIS



13C5-PFNA-EIS



Vista Analytical Laboratory

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Printed: Friday, July 10, 2020 10:55:19 Pacific Daylight Time

Name: 200709M1_13, Date: 09-Jul-2020, Time: 18:07:12, ID: IB, Description: IB

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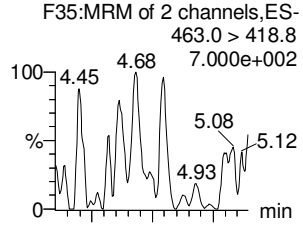

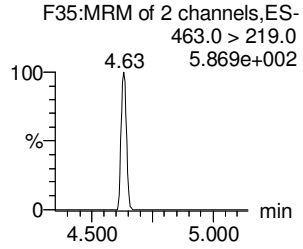

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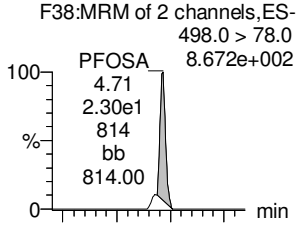
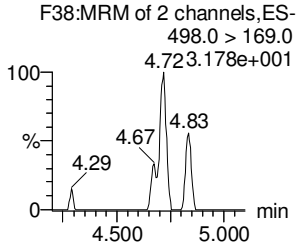
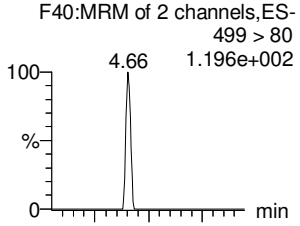
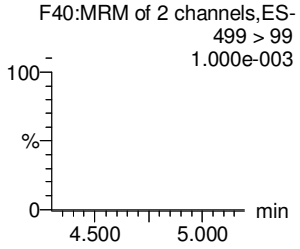


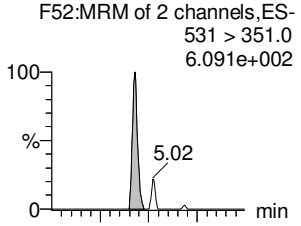


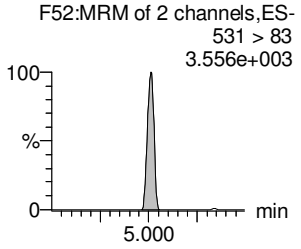
L-PFOS





9Cl-PF30NS





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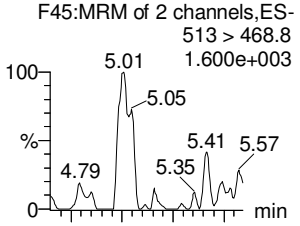
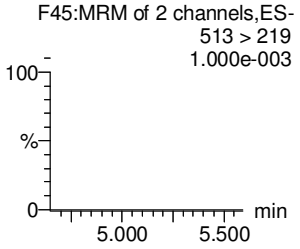
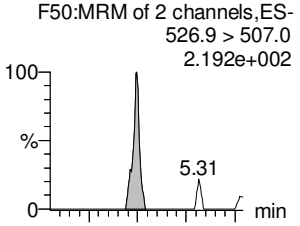
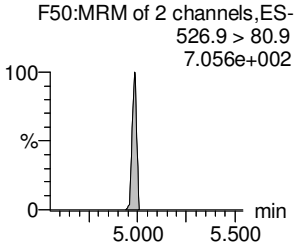


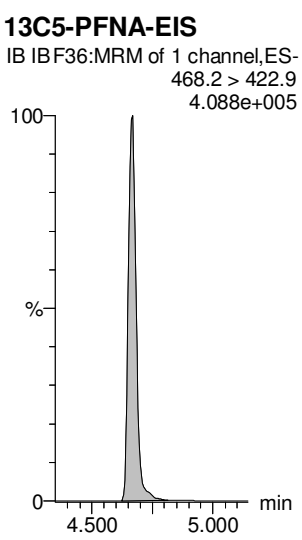


8:2 FTS





13C5-PFNA-EIS



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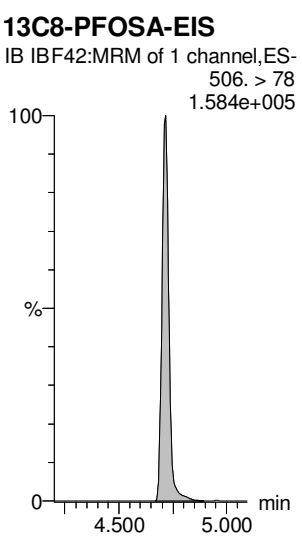

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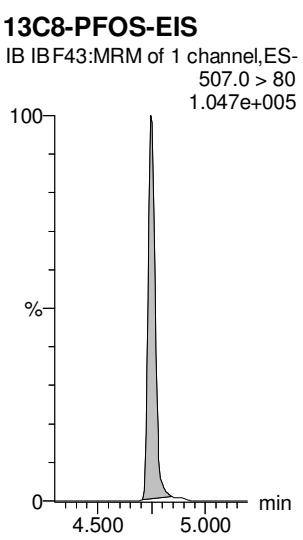

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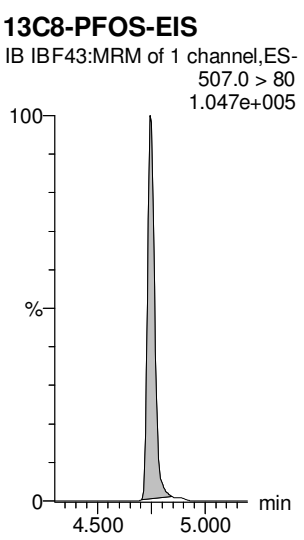

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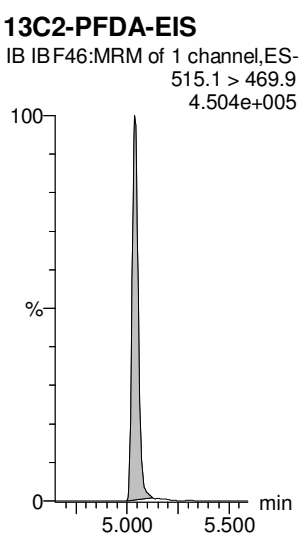
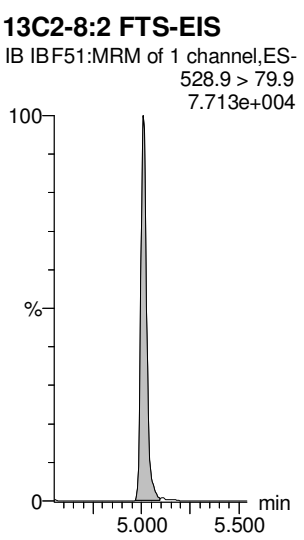


13C2-8:2 FTS-EIS



Vista Analytical Laboratory

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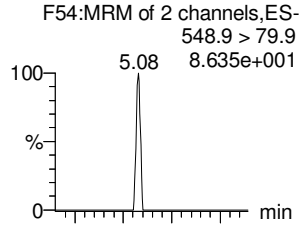

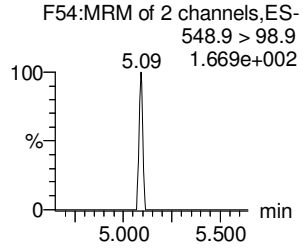

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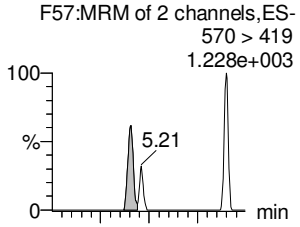

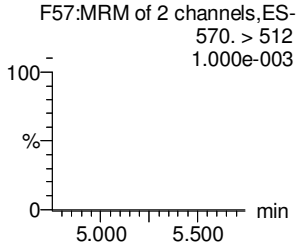

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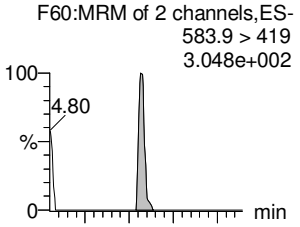

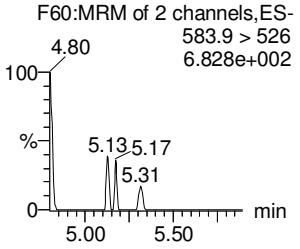

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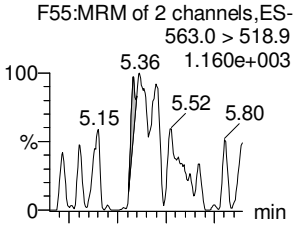

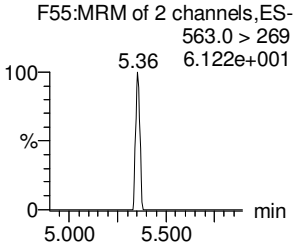

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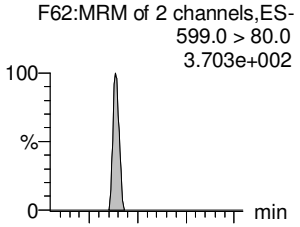

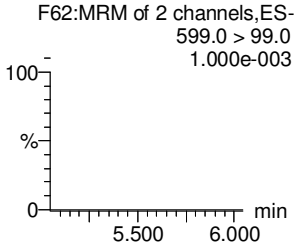

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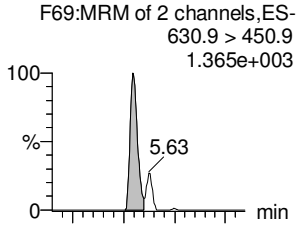

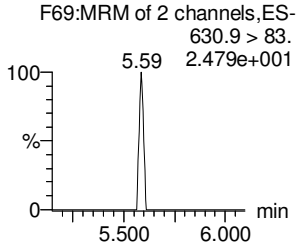

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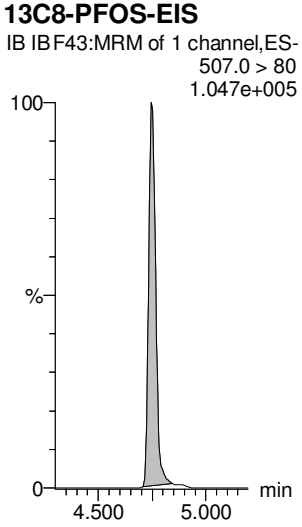

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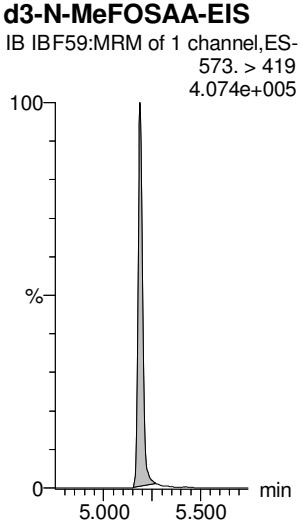

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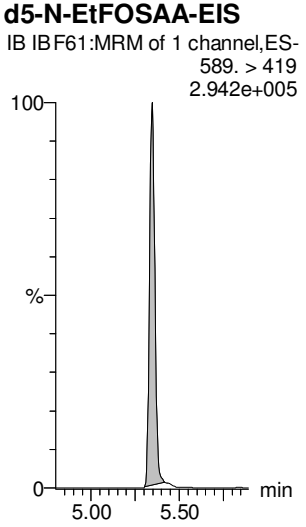

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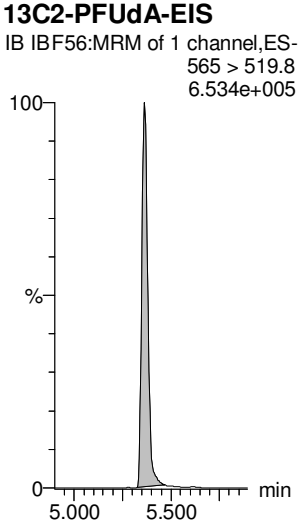

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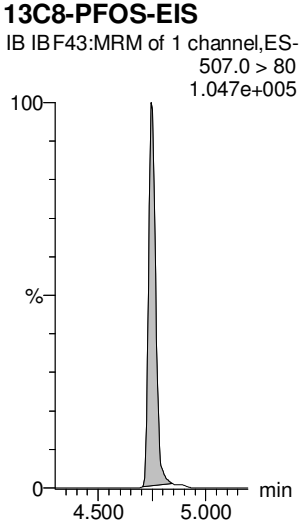

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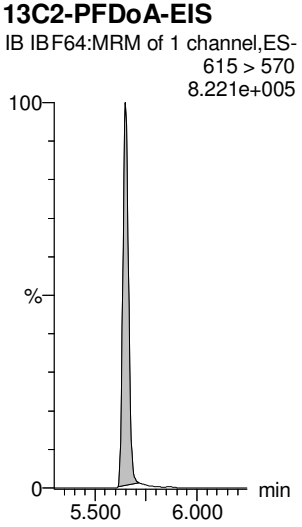

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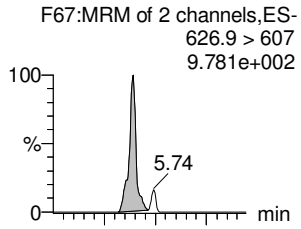

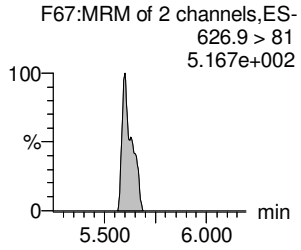

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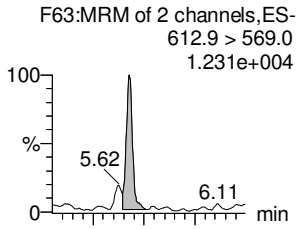

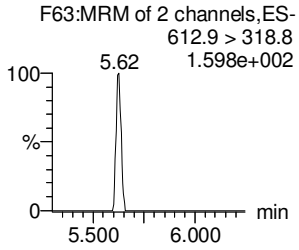

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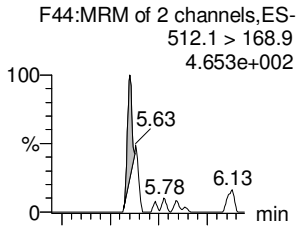

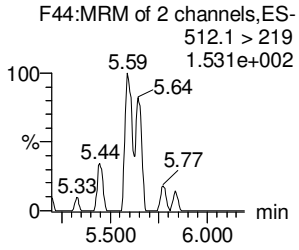

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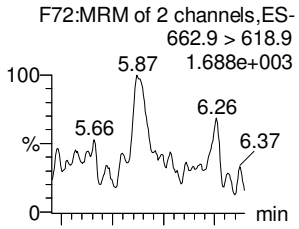
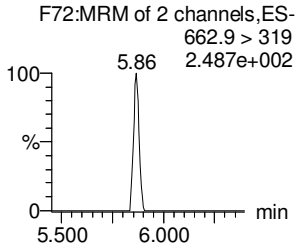
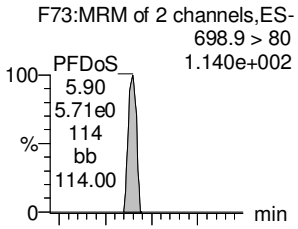
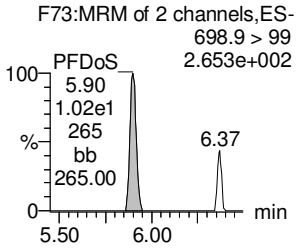




PFDoS





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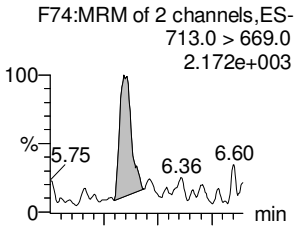

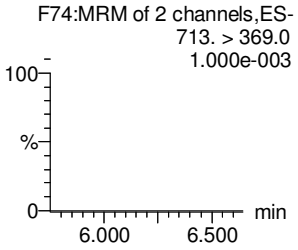

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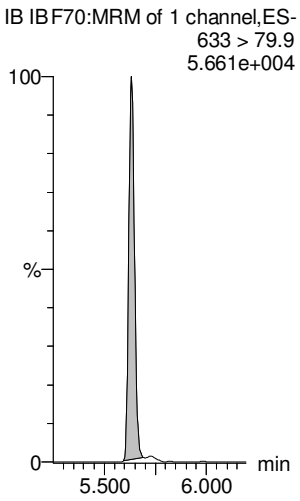

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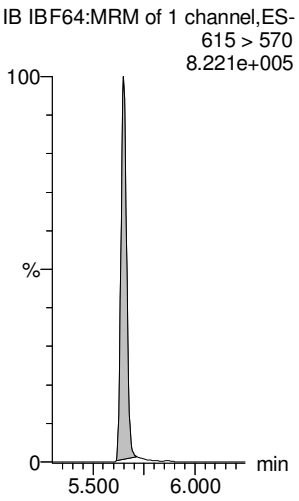
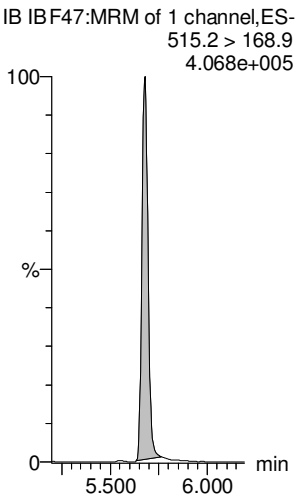
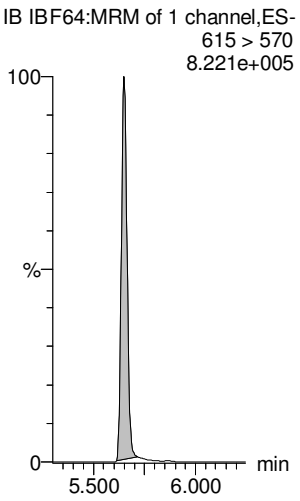


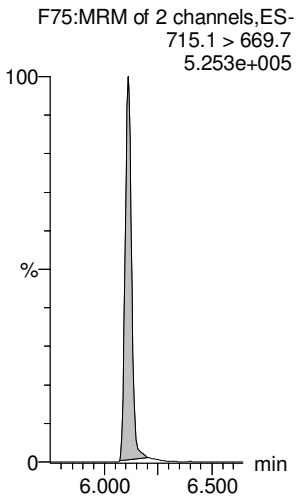
d3-N-MeFOSA-EIS



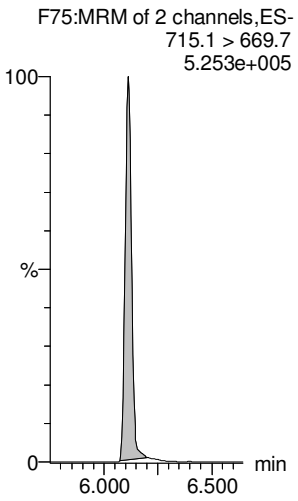
13C2-PFDoA-EIS



13C2-PFTeDA-EIS



13C2-PFTeDA-EIS



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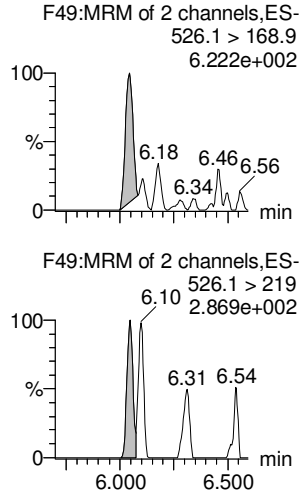
Name: 200709M1_13, Date: 09-Jul-2020, Time: 18:07:12, ID: IB, Description: IB

N-EtFOSA



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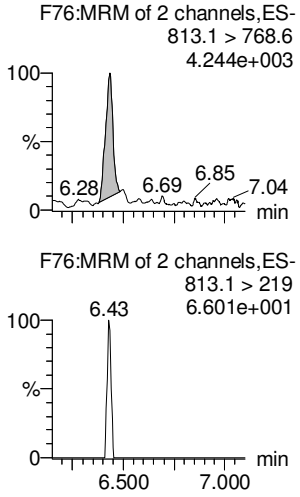

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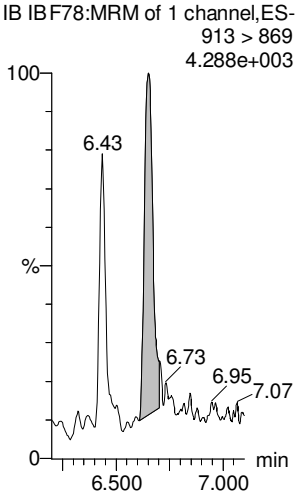
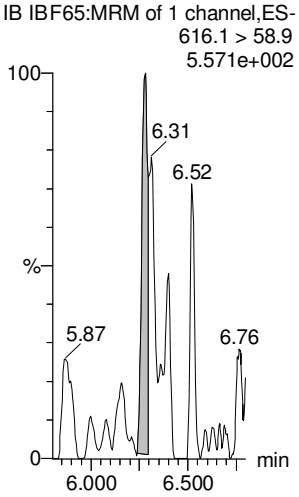
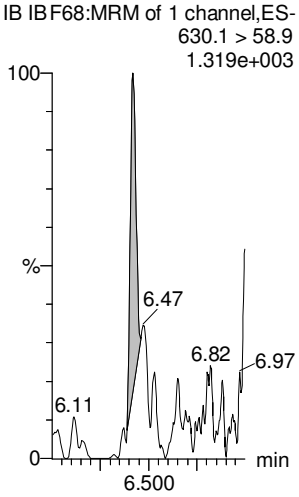


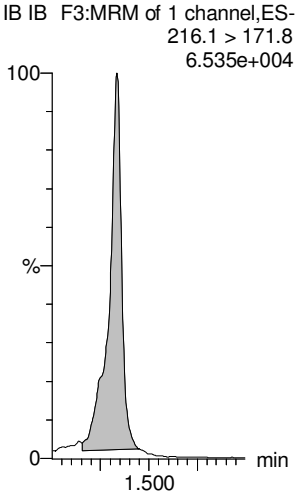
N-MeFOSE



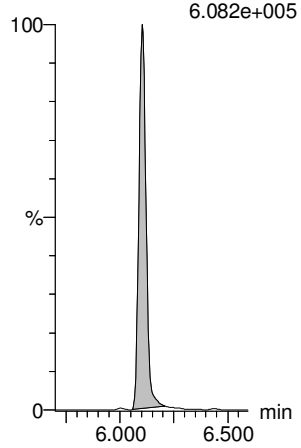
N-EtFOSE



13C3-PFBA-RSD



d5-N-ETFOSA-EIS



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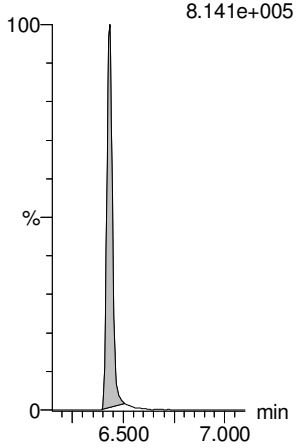

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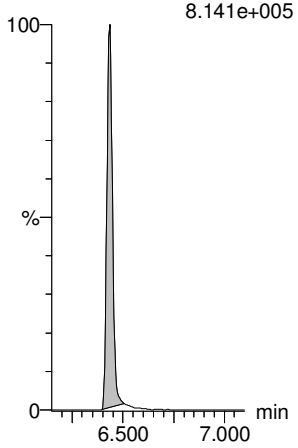
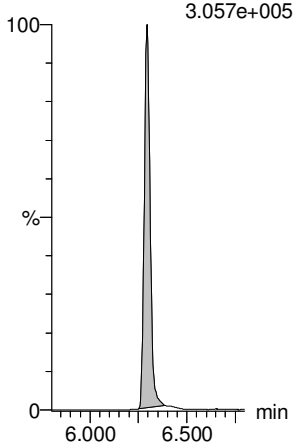
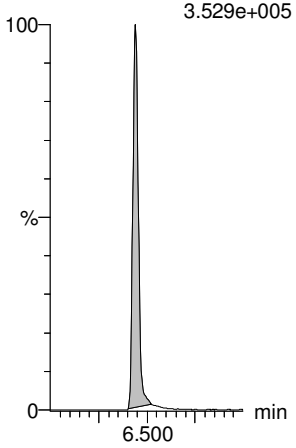


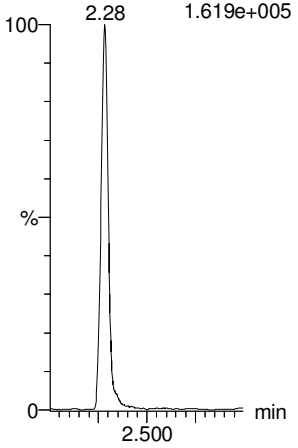
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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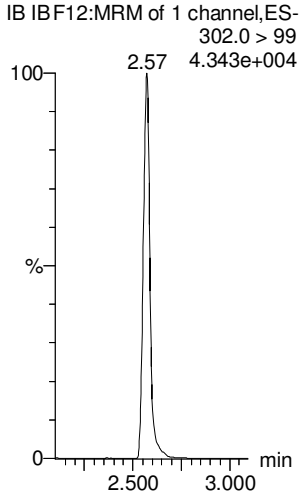
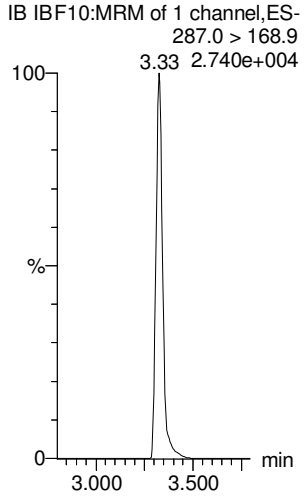
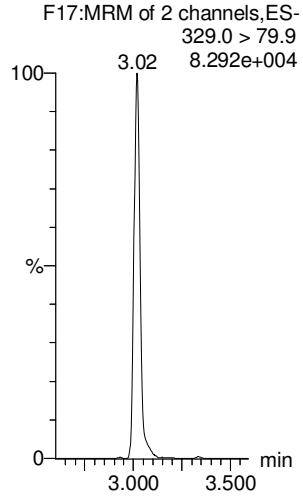
13C3-PFBS-RSD



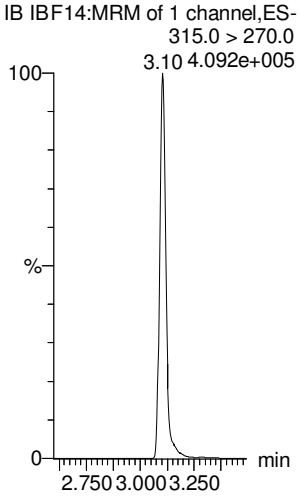
13C3-HFPO-DA-RSD



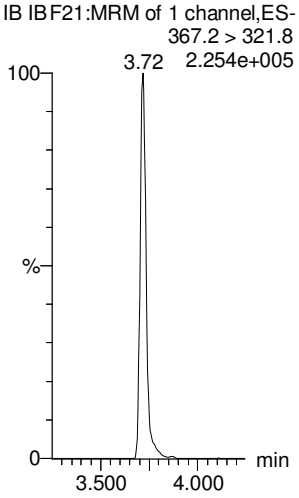
13C2-4:2 FTS-RSD



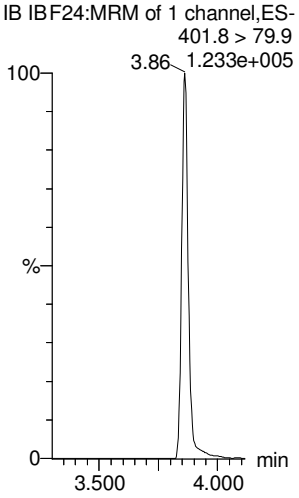
13C2-PFHxA-RSD



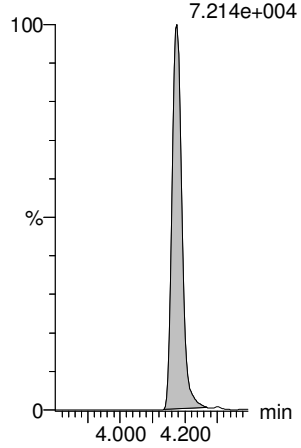
13C4-PFHpA-RSD



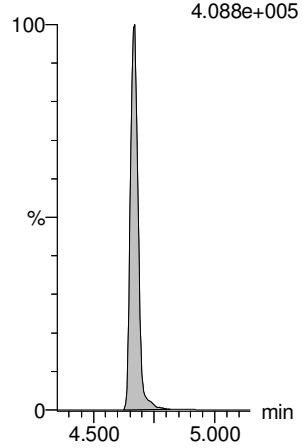
13C3-PFHxS-RSD



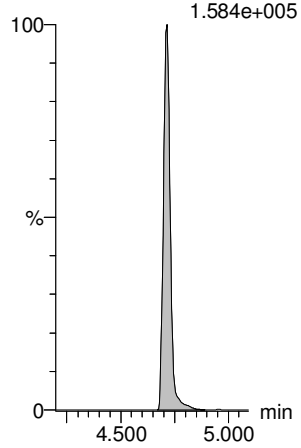
13C2-6:2 FTS-RSD



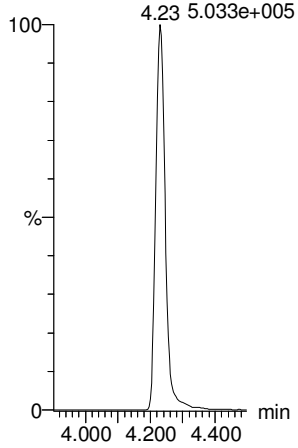
13C5-PFNA-RSD



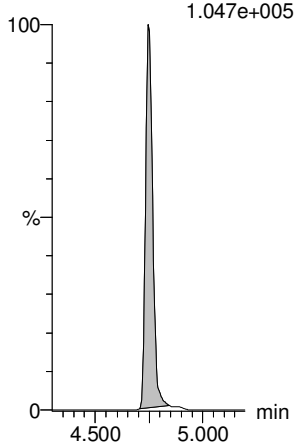
13C8-PFOSA-RSD



13C2-PFOA-RSD



13C8-PFOS-RSD



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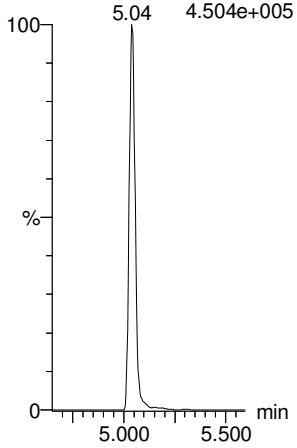

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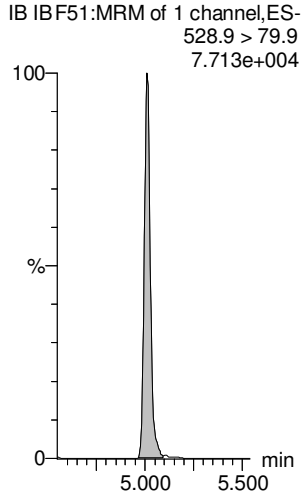
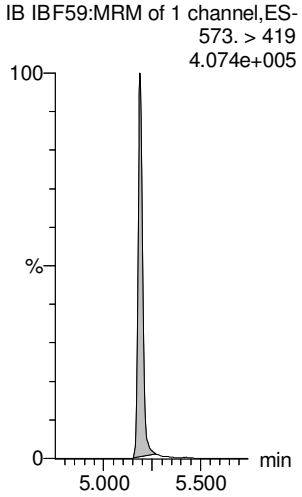
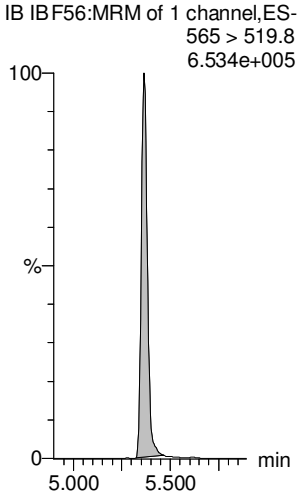
13C2-8:2 FTS-RSD



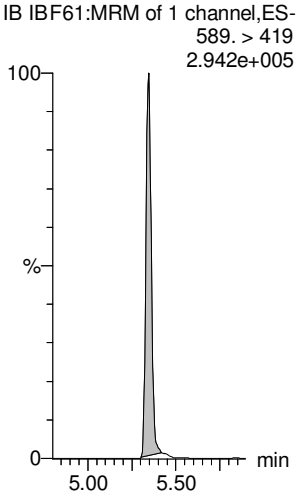
d3-N-MeFOSAA-RSD



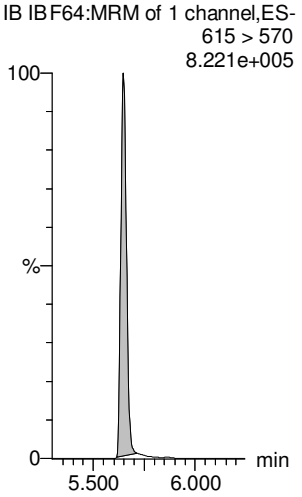
13C2-PFUdA-RSD



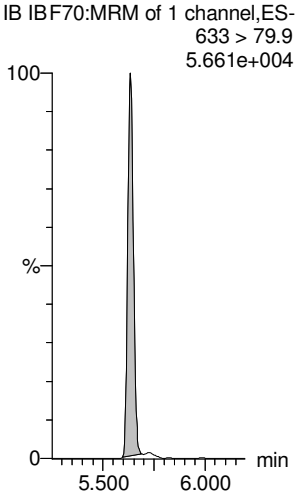
d5-N-EtFOSAA-RSD



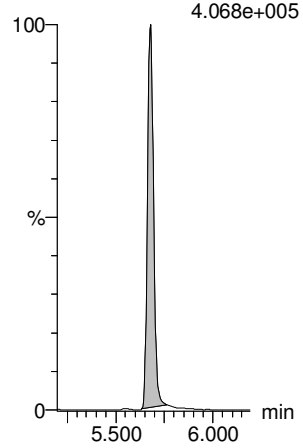
13C2-PFDoA-RSD



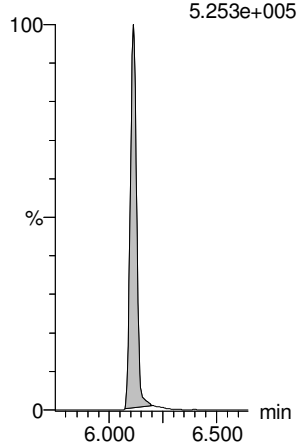
13C2-10:2 FTS-RSD



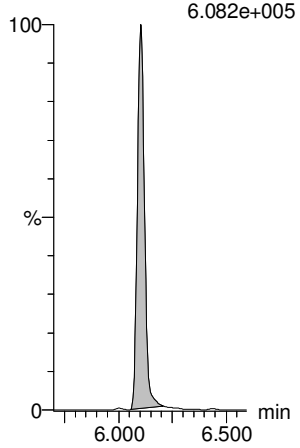
d3-N-MeFOSA-RSD



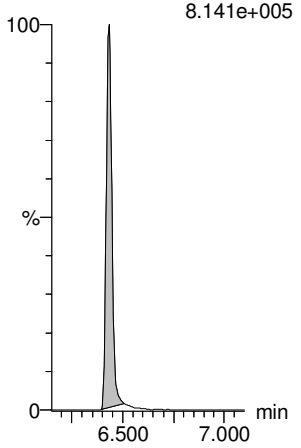
13C2-PFTeDA-RSD



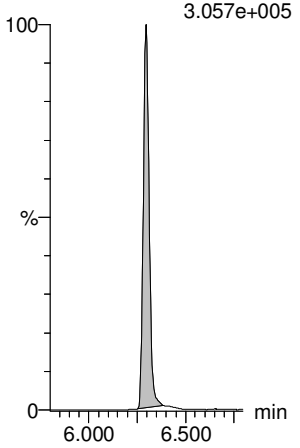
d5-N-ETFOSA-RSD



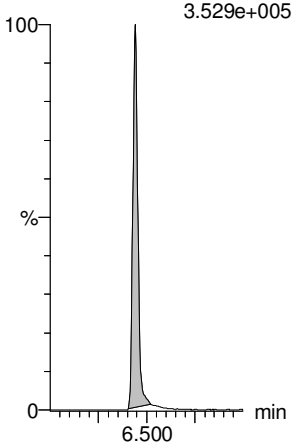
13C2-PFHxDA-RSD



d7-N-MeFOSE-RSD



d9-N-EtFOSE-RSD



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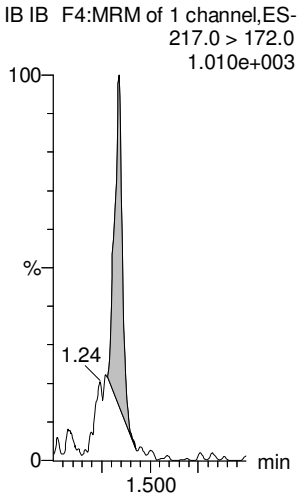
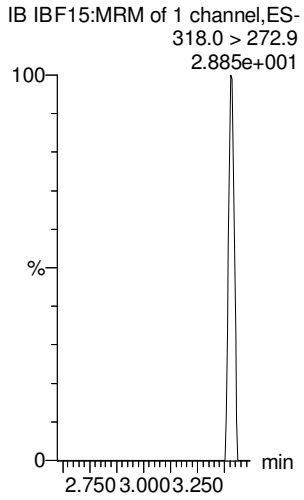
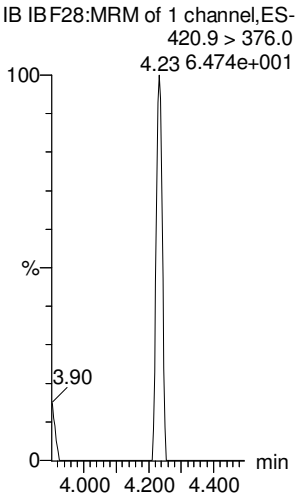
13C4-PFBA



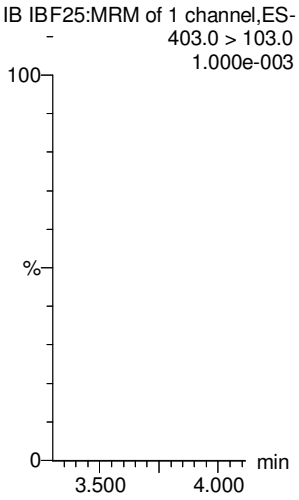
13C5-PFHxA



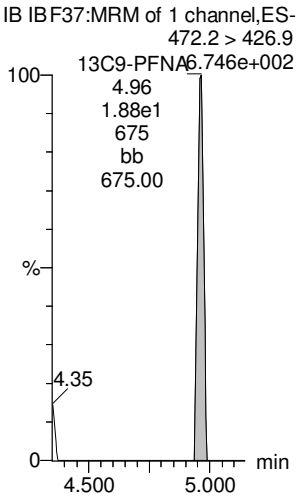
13C8-PFOA



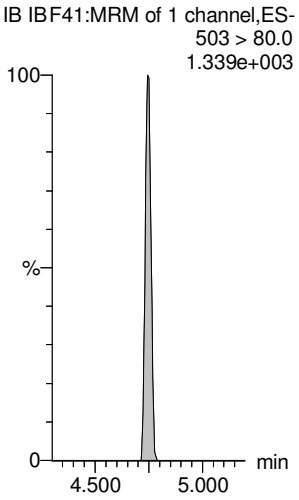
18O2-PFHxS



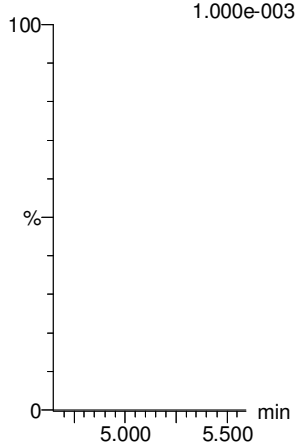
13C9-PFNA



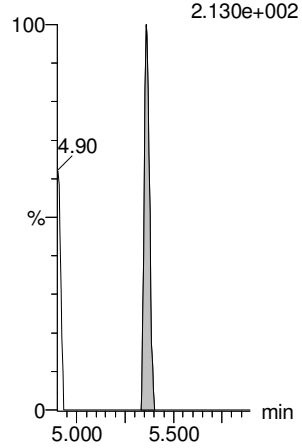
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Name: 200709M1_13, Date: 09-Jul-2020, Time: 18:07:12, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 169.0		40.004	1.00						NO		
2	2	PFPrS	248.9 > 79.9		1670.483	1.00						NO		
3	3	3:3 FTCA	241.1 > 177.0		6827.154	1.00						NO		
4	4	PFPeA	263.1 > 218.9	7.685	6827.154	1.00	2.39	0.014				NO		
5	5	PFBS	299.0 > 79.7		1670.483	1.00						NO		
6	6	4:2 FTS	327.0 > 306.9		2914.846	1.00						NO		
7	47	13C3-PFBA-EIS	216.1 > 171.8	40.004		1.00	1.14	40.004	12.500	0.119	1.0	YES		
8	51	13C3-PFBS-EIS	302.0 > 99	1670.483		1.00	2.57	1670.483	12.500	13.0	103.8	NO		
9	49	13C3-PFPeA-EIS	266.0 > 221.8	6827.154		1.00	2.28	6827.154	12.500	13.4	107.2	NO		
10	49	13C3-PFPeA-EIS	266.0 > 221.8	6827.154		1.00	2.28	6827.154	12.500	13.4	107.2	NO		
11	51	13C3-PFBS-EIS	302.0 > 99	1670.483		1.00	2.57	1670.483	12.500	13.0	103.8	NO		
12	55	13C2-4:2 FTS-EIS	329.0 >79.9	2914.846		1.00	3.02	2914.846	12.500	14.6	117.0	NO		
13	-1													
14	7	PFHxA	313.0 > 269.0	95.625	13345.518	1.00	3.10	0.090		0.0237		NO		
15	8	PFPeS	349.0 > 80.0	5.737	1670.483	1.00	3.34	0.043		0.0185		NO		
16	9	HFPO-DA	285.1 > 168.9		1069.192	1.00						NO		
17	10	5:3 FTCA	340.9 > 236.9		7838.787	1.00						NO		
18	11	PFHpA	363.0 > 318.9	29.945	7838.787	1.00	3.60	0.048				NO		
19	12	ADONA	376.8 > 250.9	51.975	7838.787	1.00	3.79	0.083				NO	1.904	NO
20	57	13C2-PFHxA-EIS	315.0 > 270.0	13345.518		1.00	3.10	13345.518	12.500	14.0	112.1	NO		
21	51	13C3-PFBS-EIS	302.0 > 99	1670.483		1.00	2.57	1670.483	12.500	13.0	103.8	NO		
22	53	13C3-HFPO-DA-EIS	287.0 > 168.9	1069.192		1.00	3.33	1069.192	12.500	13.3	106.1	NO		
23	59	13C4-PFHpA-EIS	367.2 > 321.8	7838.787		1.00	3.72	7838.787	12.500	13.9	111.4	NO		
24	59	13C4-PFHpA-EIS	367.2 > 321.8	7838.787		1.00	3.72	7838.787	12.500	13.9	111.4	NO		
25	59	13C4-PFHpA-EIS	367.2 > 321.8	7838.787		1.00	3.72	7838.787	12.500	13.9	111.4	NO		
26	-1													
27	13	L-PFHxS	399 > 80.0		3851.057	1.00						NO		
28	15	6:2 FTS	427 > 407.0	29.708	2435.742	1.00	4.13	0.152		0.0471		NO		
29	16	L-PFOA	412.8 > 368.9	76.619	16415.867	1.00	4.23	0.058				NO		
30	18	PFecHS	460.8 > 381.0	13.160	16415.867	1.00	4.22	0.010		0.0449		NO		
31	19	PFHpS	448.9 > 80.0	6.999	3843.905	1.00	4.29	0.023		0.0842		NO		
32	20	7:3 FTCA	441.0 > 337.0		14855.011	1.00						NO		
33	61	13C3-PFHxS-EIS	401.8 > 79.9	3851.057		1.00	3.86	3851.057	12.500	12.9	103.5	NO		
34	63	13C2-6:2 FTS-EIS	429.0 >79.9	2435.742		1.00	4.18	2435.742	12.500	14.1	112.7	NO		
35	69	13C2-PFOA-EIS	414.9 > 369.7	16415.867		1.00	4.23	16415.867	12.500	13.7	109.6	NO		
36	69	13C2-PFOA-EIS	414.9 > 369.7	16415.867		1.00	4.23	16415.867	12.500	13.7	109.6	NO		

Dataset: Untitled

Last Altered: Friday, July 10, 2020 10:55:15 Pacific Daylight Time
Printed: Friday, July 10, 2020 10:55:19 Pacific Daylight Time

Name: 200709M1_13, Date: 09-Jul-2020, Time: 18:07:12, ID: IB, Description: IB

	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73	13C8-PFOS-EIS	507.0 > 80	3843.905		1.00	4.75	3843.905	12.500	12.5	100.3	NO		
38	65	13C5-PFNA-EIS	468.2 > 422.9	14855.011		1.00	4.67	14855.011	12.500	13.6	109.0	NO		
39	-1													
40	21	PFNA	463.0 > 418.8		14855.011	1.00						NO		
41	22	PFOSA	498.0 > 78.0	23.027	5678.345	1.00	4.71	0.051		0.0203		NO		
42	23	L-PFOS	499 > 80		3843.905	1.00						NO		
43	25	9Cl-PF30NS	531 > 351.0	19.936	3843.905	1.00	4.93	0.065		0.0229		NO	0.149	YES
44	26	PFDA	513 > 468.8		15179.458	1.00						NO		
45	27	8:2 FTS	526.9 > 507.0	8.686	2675.316	1.00	5.00	0.041				NO	0.435	YES
46	65	13C5-PFNA-EIS	468.2 > 422.9	14855.011		1.00	4.67	14855.011	12.500	13.6	109.0	NO		
47	67	13C8-PFOSA-EIS	506. > 78	5678.345		1.00	4.72	5678.345	12.500	13.7	109.8	NO		
48	73	13C8-PFOS-EIS	507.0 > 80	3843.905		1.00	4.75	3843.905	12.500	12.5	100.3	NO		
49	73	13C8-PFOS-EIS	507.0 > 80	3843.905		1.00	4.75	3843.905	12.500	12.5	100.3	NO		
50	75	13C2-PFDA-EIS	515.1 > 469.9	15179.458		1.00	5.04	15179.458	12.500	13.3	106.7	NO		
51	77	13C2-8:2 FTS-EIS	528.9 > 79.9	2675.316		1.00	5.01	2675.316	12.500	14.6	116.8	NO		
52	-1													
53	28	PFNS	548.9 > 79.9		3843.905	1.00						NO		
54	29	L-MeFOSAA	570 > 419	23.307	12243.421	1.00	5.16	0.024		0.141		NO		
55	31	L-EtFOSAA	583.9 > 419	11.395	10024.638	1.00	5.31	0.014		0.110		NO		
56	33	PFUdA	563.0 > 518.9	12.847	22908.441	1.00	5.33	0.007				NO		
57	34	PFDS	599.0 > 80.0	14.669	3843.905	1.00	5.38	0.048		0.115		NO		
58	35	11Cl-PF30UdS	630.9 > 450.9	58.450	25754.773	1.00	5.54	0.028		0.0569		NO		
59	73	13C8-PFOS-EIS	507.0 > 80	3843.905		1.00	4.75	3843.905	12.500	12.5	100.3	NO		
60	79	d3-N-MeFOSAA-EIS	573. > 419	12243.421		1.00	5.19	12243.421	12.500	13.6	108.9	NO		
61	83	d5-N-EtFOSAA-EIS	589. > 419	10024.638		1.00	5.35	10024.638	12.500	12.7	101.7	NO		
62	81	13C2-PFUdA-EIS	565 > 519.8	22908.441		1.00	5.36	22908.441	12.500	13.2	105.9	NO		
63	73	13C8-PFOS-EIS	507.0 > 80	3843.905		1.00	4.75	3843.905	12.500	12.5	100.3	NO		
64	85	13C2-PFDoA-EIS	615 > 570	25754.773		1.00	5.65	25754.773	12.500	14.2	113.7	NO		
65	-1													
66	36	10:2 FTS	626.9 > 607	37.040	1758.431	1.00	5.64	0.263		0.0472		NO	1.357	NO
67	37	PFDoA	612.9 > 569.0	420.106	25754.773	1.00	5.68	0.204		0.0007...		NO		
68	38	N-MeFOSA	512.1 > 168.9	8.797	14060.961	1.00	5.60	0.093		0.0734		NO		
69	39	PFTrDA	662.9 > 618.9		25754.773	1.00						NO		
70	40	PFDoS	698.9 > 80	5.707	17781.369	1.00	5.90	0.004		0.0445		NO	0.561	YES
71	41	PFTeDA	713.0 > 669.0	120.823	17781.369	1.00	6.09	0.085		0.0927		NO		
72	87	13C2-10:2 FTS-EIS	633 > 79.9	1758.431		1.00	5.63	1758.431	12.500	12.2	97.4	NO		

Vista Analytical Laboratory

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85	13C2-PFDoA-EIS	615 > 570	25754.773		1.00	5.65	25754.773	12.500	14.2	113.7	NO		
74	89	d3-N-MeFOSA-EIS	515.2 > 168.9	14060.961		1.00	5.68	14060.961	149.200	145	97.2	NO		
75	85	13C2-PFDoA-EIS	615 > 570	25754.773		1.00	5.65	25754.773	12.500	14.2	113.7	NO		
76	91	13C2-PFTeDA-EIS	715.1 > 669.7	17781.369		1.00	6.11	17781.369	12.500	13.4	107.3	NO		
77	91	13C2-PFTeDA-EIS	715.1 > 669.7	17781.369		1.00	6.11	17781.369	12.500	13.4	107.3	NO		
78	-1													
79	42	N-EtFOSA	526.1 > 168.9	23.117	22482.605	1.00	6.04	0.153				NO	2.576	YES
80	43	PFHxDA	813.1 > 768.6	156.550	25184.078	1.00	6.43	0.078		0.00505		NO		
81	44	PFODA	913 > 869	176.241	25184.078	1.00	6.65	0.087		0.0793		NO		
82	45	N-MeFOSE	616.1 > 58.9	17.547	10432.051	1.00	6.28	0.251		0.143		NO		
83	46	N-EtFOSE	630.1 > 58.9	36.034	11188.491	1.00	6.42	0.481		0.129		NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	4732.566	41.561	1.00	1.34	1423.379	12.500	2110	16854.3	YES		
85	93	d5-N-ETFOSA-EIS	531.1 > 168.9	22482.605		1.00	6.10	22482.605	149.200	140	94.0	NO		
86	95	13C2-PFHxDA-EIS	815 > 769.7	25184.078		1.00	6.43	25184.078	12.500	13.2	105.3	NO		
87	95	13C2-PFHxDA-EIS	815 > 769.7	25184.078		1.00	6.43	25184.078	12.500	13.2	105.3	NO		
88	97	d7-N-MeFOSE-EIS	623.1 > 58.9	10432.051		1.00	6.29	10432.051	149.200	142	95.3	NO		
89	99	d9-N-EtFOSE-EIS	639.2 > 58.8	11188.491		1.00	6.44	11188.491	149.200	137	91.8	NO		
90	50	13C3-PFPeA-RSD	266.0 > 221.8			1.00			12.500			NO		
91	-1													
92	52	13C3-PFBS-RSD	302.0 > 99			1.00			12.500			NO		
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9			1.00			12.500			NO		
94	56	13C2-4:2 FTS-RSD	329.0 >79.9			1.00			12.500			NO		
95	58	13C2-PFHxA-RSD	315.0 > 270.0			1.00			12.500			NO		
96	60	13C4-PFHpA-RSD	367.2 > 321.8			1.00			12.500			NO		
97	62	13C3-PFHxS-RSD	401.8 > 79.9			1.00			12.500			NO		
98	64	13C2-6:2 FTS-RSD	429.0 >79.9	2435.742	40.610	1.00	4.18	749.736	12.500	1420	11381.9	YES		
99	66	13C5-PFNA-RSD	468.2 > 422.9	14855.011	18.791	1.00	4.67	9881.733	12.500	11000	87641.0	YES		
100	68	13C8-PFOSA-RSD	506. > 78	5678.345	6.536	1.00	4.72	10859.748	12.500	50700	40568...	YES		
101	70	13C2-PFOA-RSD	414.9 > 369.7			1.00			12.500			NO		
102	74	13C8-PFOS-RSD	507.0 > 80	3843.905	40.610	1.00	4.75	1183.177	12.500	1170	9376.4	YES		
103	76	13C2-PFDA-RSD	515.1 > 469.9			1.00			12.500			NO		
104	-1													
105	78	13C2-8:2 FTS-RSD	528.9 > 79.9	2675.316	40.610	1.00	5.01	823.478	12.500	1480	11826.5	YES		
106	80	d3-N-MeFOSAA-RSD	573. > 419	12243.421	6.536	1.00	5.19	23415.355	12.500	50500	40385...	YES		
107	82	13C2-PFUdA-RSD	565 > 519.8	22908.441	6.536	1.00	5.36	43812.043	12.500	50700	40582...	YES		
108	84	d5-N-EtFOSAA-RSD	589. > 419	10024.638	6.536	1.00	5.35	19171.967	12.500	46800	37425...	YES		

Vista Analytical Laboratory

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	#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86	13C2-PFDoA-RSD	615 > 570	25754.773		1.00	5.65		12.500			NO		
110	88	13C2-10:2 FTS-RSD	633 > 79.9	1758.431	40.610	1.00	5.63	541.256	12.500	1320	10523.8	YES		
111	90	d3-N-MeFOSA-RSD	515.2 > 168.9	14060.961	6.536	1.00	5.68	26891.373	149.200	516000	34569...	YES		
112	92	13C2-PFTeDA-RSD	715.1 > 669.7	17781.369	6.536	1.00	6.11	34006.596	12.500	49700	39780...	YES		
113	94	d5-N-ETFOSA-RSD	531.1 > 168.9	22482.605	6.536	1.00	6.10	42997.638	149.200	541000	36245...	YES		
114	96	13C2-PFHxDA-RSD	815 > 769.7	25184.078	6.536	1.00	6.43	48164.164	12.500	49800	39809...	YES		
115	98	d7-N-MeFOSE-RSD	623.1 > 58.9	10432.051	6.536	1.00	6.29	19951.138	149.200	493000	33032...	YES		
116	1...	d9-N-EtFOSE-RSD	639.2 > 58.8	11188.491	6.536	1.00	6.44	21397.818	149.200	520000	34827...	YES		
117	-1													
118	1...	13C4-PFBA	217.0 > 172.0	41.561	41.561	1.00	1.34	12.500	12.500	12.5	100.0	NO		
119	1...	13C5-PFHxA	318.0 > 272.9			1.00			12.500			NO		
120	1...	13C8-PFOA	420.9 > 376.0			1.00			12.500			NO		
121	1...	18O2-PFHxS	403.0 > 103.0			1.00			12.500			NO		
122	1...	13C9-PFNA	472.2 > 426.9	18.791	18.791	1.00	4.96	12.500	12.500	12.5	100.0	NO		
123	1...	13C4-PFOS	503 > 80.0	40.610	40.610	1.00	4.75	12.500	12.500	12.5	100.0	NO		
124	1...	13C6-PFDA	519.1 > 473.7			1.00			12.500			NO		
125	1...	13C7-PFUdA	570.1 > 524.8	6.536	6.536	1.00	5.36	12.500	12.500	12.5	100.0	NO		

Attachment 6

Investigation Derived Waste Analytical Reports

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

June 25, 2020

Mike Savale
TetraTech
710 Avis Drive
Suite 100
Ann Arbor, MI 48108

RE: Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

Dear Mike Savale:

Enclosed are the analytical results for sample(s) received by the laboratory on June 15, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40209519001	**WC-S-01**	Solid	06/11/20 18:45	06/15/20 09:35
40209519002	**WC-W-01**	Water	06/11/20 19:25	06/15/20 09:35
40209519003	**TB**	Water	06/11/20 00:00	06/15/20 09:35

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40209519001	**WC-S-01**	EPA 8082	BLM	10
		EPA 6010	TXW	7
		EPA 7470	AJT	1
		EPA 8270	RJN	16
		EPA 8260	HNW	13
		ASTM D2974-87	EMW	1
40209519002	**WC-W-01**	EPA 8082	BLM	10
		EPA 6010	TXW	7
		EPA 7470	AJT	1
		EPA 8270	RJN	18
		EPA 8260	HNW	13
40209519003	**TB**	EPA 8260	HNW	13

PASI-G = Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

Sample: WC-S-01 **Lab ID: 40209519001** Collected: 06/11/20 18:45 Received: 06/15/20 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<17.8**	ug/kg	58.4	17.8	1	06/16/20 06:21	06/16/20 23:15	12674-11-2	
PCB-1221 (Aroclor 1221)	**<17.8**	ug/kg	58.4	17.8	1	06/16/20 06:21	06/16/20 23:15	11104-28-2	
PCB-1232 (Aroclor 1232)	**<17.8**	ug/kg	58.4	17.8	1	06/16/20 06:21	06/16/20 23:15	11141-16-5	
PCB-1242 (Aroclor 1242)	**66.1**	ug/kg	58.4	17.8	1	06/16/20 06:21	06/16/20 23:15	53469-21-9	
PCB-1248 (Aroclor 1248)	**<17.8**	ug/kg	58.4	17.8	1	06/16/20 06:21	06/16/20 23:15	12672-29-6	
PCB-1254 (Aroclor 1254)	**<17.8**	ug/kg	58.4	17.8	1	06/16/20 06:21	06/16/20 23:15	11097-69-1	
PCB-1260 (Aroclor 1260)	**31.2J**	ug/kg	58.4	17.8	1	06/16/20 06:21	06/16/20 23:15	11096-82-5	
PCB, Total	**97.3**	ug/kg	58.4	17.8	1	06/16/20 06:21	06/16/20 23:15	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	69	%	69-115		1	06/16/20 06:21	06/16/20 23:15	877-09-8	
Decachlorobiphenyl (S)	65	%	62-104		1	06/16/20 06:21	06/16/20 23:15	2051-24-3	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 06/16/20 13:03 Pace Analytical Services - Green Bay								
Arsenic	**<0.042**	mg/L	0.12	0.042	1	06/17/20 13:56	06/18/20 13:09	7440-38-2	
Barium	**0.13**	mg/L	0.025	0.0075	1	06/17/20 13:56	06/18/20 13:09	7440-39-3	
Cadmium	**<0.0066**	mg/L	0.025	0.0066	1	06/17/20 13:56	06/18/20 13:09	7440-43-9	
Chromium	**<0.013**	mg/L	0.050	0.013	1	06/17/20 13:56	06/18/20 13:09	7440-47-3	
Lead	**<0.030**	mg/L	0.098	0.030	1	06/17/20 13:56	06/18/20 13:09	7439-92-1	
Selenium	**<0.061**	mg/L	0.20	0.061	1	06/17/20 13:56	06/18/20 13:09	7782-49-2	
Silver	**<0.016**	mg/L	0.053	0.016	1	06/17/20 13:56	06/18/20 13:09	7440-22-4	
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Leachate Method/Date: EPA 1311; 06/16/20 13:03 Pace Analytical Services - Green Bay								
Mercury	**0.45**	ug/L	0.28	0.084	1	06/17/20 10:45	06/18/20 09:45	7439-97-6	
8270 MSSV TCLP Sep Funnel	Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 06/16/20 13:03 Pace Analytical Services - Green Bay								
1,4-Dichlorobenzene	**<14.4**	ug/L	50.0	14.4	1	06/18/20 04:36	06/18/20 17:22	106-46-7	
2,4-Dinitrotoluene	**<10.6**	ug/L	50.0	10.6	1	06/18/20 04:36	06/18/20 17:22	121-14-2	
Hexachloro-1,3-butadiene	**<16.5**	ug/L	50.0	16.5	1	06/18/20 04:36	06/18/20 17:22	87-68-3	
Hexachlorobenzene	**<11.5**	ug/L	55.0	11.5	1	06/18/20 04:36	06/18/20 17:22	118-74-1	
Hexachloroethane	**<14.2**	ug/L	50.0	14.2	1	06/18/20 04:36	06/18/20 17:22	67-72-1	
2-Methylphenol(o-Cresol)	**<9.3**	ug/L	50.0	9.3	1	06/18/20 04:36	06/18/20 17:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<6.1**	ug/L	50.0	6.1	1	06/18/20 04:36	06/18/20 17:22		
Nitrobenzene	**<10.7**	ug/L	50.0	10.7	1	06/18/20 04:36	06/18/20 17:22	98-95-3	
Pentachlorophenol	**<45.5**	ug/L	152	45.5	1	06/18/20 04:36	06/18/20 17:22	87-86-5	
Pyridine	**<15.1**	ug/L	50.0	15.1	1	06/18/20 04:36	06/18/20 17:22	110-86-1	
2,4,5-Trichlorophenol	**<6.4**	ug/L	50.0	6.4	1	06/18/20 04:36	06/18/20 17:22	95-95-4	
2,4,6-Trichlorophenol	**<8.0**	ug/L	50.0	8.0	1	06/18/20 04:36	06/18/20 17:22	88-06-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

Sample: WC-S-01 **Lab ID: 40209519001** Collected: 06/11/20 18:45 Received: 06/15/20 09:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV TCLP Sep Funnel	Analytical Method: EPA 8270 Preparation Method: EPA 3510 Leachate Method/Date: EPA 1311; 06/16/20 13:03 Pace Analytical Services - Green Bay								
Surrogates									
Nitrobenzene-d5 (S)	92	%	41-118		1	06/18/20 04:36	06/18/20 17:22	4165-60-0	
2-Fluorobiphenyl (S)	76	%	54-107		1	06/18/20 04:36	06/18/20 17:22	321-60-8	
2,4,6-Tribromophenol (S)	108	%	62-172		1	06/18/20 04:36	06/18/20 17:22	118-79-6	
Phenol-d6 (S)	37	%	12-120		1	06/18/20 04:36	06/18/20 17:22	13127-88-3	
8260 MSV TCLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 06/17/20 13:35 Pace Analytical Services - Green Bay								
Benzene	**<2.5**	ug/L	10.0	2.5	10		06/18/20 21:29	71-43-2	
2-Butanone (MEK)	**34.1J**	ug/L	200	29.4	10		06/18/20 21:29	78-93-3	
Carbon tetrachloride	**<16.4**	ug/L	54.5	16.4	10		06/18/20 21:29	56-23-5	
Chlorobenzene	**<7.1**	ug/L	23.7	7.1	10		06/18/20 21:29	108-90-7	
Chloroform	**<12.7**	ug/L	50.0	12.7	10		06/18/20 21:29	67-66-3	
1,2-Dichloroethane	**<2.8**	ug/L	10.0	2.8	10		06/18/20 21:29	107-06-2	
1,1-Dichloroethene	**<2.4**	ug/L	10.0	2.4	10		06/18/20 21:29	75-35-4	
Tetrachloroethene	**<3.3**	ug/L	10.9	3.3	10		06/18/20 21:29	127-18-4	
Trichloroethene	**<2.6**	ug/L	10.0	2.6	10		06/18/20 21:29	79-01-6	
Vinyl chloride	**<1.7**	ug/L	10.0	1.7	10		06/18/20 21:29	75-01-4	
Surrogates									
Toluene-d8 (S)	98	%	70-130		10		06/18/20 21:29	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130		10		06/18/20 21:29	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		10		06/18/20 21:29	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**14.4**	%	0.10	0.10	1		06/24/20 15:37		

Sample: WC-W-01 **Lab ID: 40209519002** Collected: 06/11/20 19:25 Received: 06/15/20 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<0.11**	ug/L	0.48	0.11	1	06/16/20 04:36	06/16/20 16:55	12674-11-2	
PCB-1221 (Aroclor 1221)	**<0.11**	ug/L	0.48	0.11	1	06/16/20 04:36	06/16/20 16:55	11104-28-2	
PCB-1232 (Aroclor 1232)	**<0.11**	ug/L	0.48	0.11	1	06/16/20 04:36	06/16/20 16:55	11141-16-5	
PCB-1242 (Aroclor 1242)	**<0.11**	ug/L	0.48	0.11	1	06/16/20 04:36	06/16/20 16:55	53469-21-9	
PCB-1248 (Aroclor 1248)	**<0.11**	ug/L	0.48	0.11	1	06/16/20 04:36	06/16/20 16:55	12672-29-6	
PCB-1254 (Aroclor 1254)	**<0.11**	ug/L	0.48	0.11	1	06/16/20 04:36	06/16/20 16:55	11097-69-1	
PCB-1260 (Aroclor 1260)	**<0.11**	ug/L	0.48	0.11	1	06/16/20 04:36	06/16/20 16:55	11096-82-5	
PCB, Total	**<0.11**	ug/L	0.48	0.11	1	06/16/20 04:36	06/16/20 16:55	1336-36-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

Sample: WC-W-01 **Lab ID: 40209519002** Collected: 06/11/20 19:25 Received: 06/15/20 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Surrogates									
Tetrachloro-m-xylene (S)	84	%	39-127		1	06/16/20 04:36	06/16/20 16:55	877-09-8	
Decachlorobiphenyl (S)	52	%	15-121		1	06/16/20 04:36	06/16/20 16:55	2051-24-3	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay								
Arsenic	**<8.3**	ug/L	25.0	8.3	1	06/19/20 06:57	06/19/20 14:15	7440-38-2	
Barium	**62.2**	ug/L	5.0	1.5	1	06/19/20 06:57	06/19/20 14:15	7440-39-3	
Cadmium	**<1.3**	ug/L	5.0	1.3	1	06/19/20 06:57	06/19/20 14:15	7440-43-9	
Chromium	**<2.5**	ug/L	10.0	2.5	1	06/19/20 06:57	06/19/20 14:15	7440-47-3	
Lead	**<5.9**	ug/L	19.7	5.9	1	06/19/20 06:57	06/19/20 14:15	7439-92-1	
Selenium	**<12.2**	ug/L	40.8	12.2	1	06/19/20 06:57	06/19/20 14:15	7782-49-2	
Silver	**<3.2**	ug/L	10.7	3.2	1	06/19/20 06:57	06/19/20 14:15	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.084**	ug/L	0.28	0.084	1	06/23/20 12:05	06/24/20 09:48	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
1,4-Dichlorobenzene	**<1.4**	ug/L	4.8	1.4	1	06/18/20 04:36	06/18/20 20:54	106-46-7	
2-Methylphenol(o-Cresol)	**<0.89**	ug/L	4.8	0.89	1	06/18/20 04:36	06/18/20 20:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	**0.91J**	ug/L	4.8	0.58	1	06/18/20 04:36	06/18/20 20:54		
Hexachloroethane	**<1.4**	ug/L	4.8	1.4	1	06/18/20 04:36	06/18/20 20:54	67-72-1	
Nitrobenzene	**<1.0**	ug/L	4.8	1.0	1	06/18/20 04:36	06/18/20 20:54	98-95-3	
Hexachloro-1,3-butadiene	**<1.1**	ug/L	5.2	1.1	1	06/18/20 04:36	06/18/20 20:54	87-68-3	
2,4,6-Trichlorophenol	**<0.76**	ug/L	4.8	0.76	1	06/18/20 04:36	06/18/20 20:54	88-06-2	
2,4,5-Trichlorophenol	**<0.61**	ug/L	4.8	0.61	1	06/18/20 04:36	06/18/20 20:54	95-95-4	
2,4-Dinitrotoluene	**<1.0**	ug/L	4.8	1.0	1	06/18/20 04:36	06/18/20 20:54	121-14-2	
Hexachlorobenzene	**<1.6**	ug/L	4.8	1.6	1	06/18/20 04:36	06/18/20 20:54	118-74-1	
Pentachlorophenol	**<4.3**	ug/L	14.5	4.3	1	06/18/20 04:36	06/18/20 20:54	87-86-5	
Pyridine	**<1.4**	ug/L	4.8	1.4	1	06/18/20 04:36	06/18/20 20:54	110-86-1	
Surrogates									
Nitrobenzene-d5 (S)	99	%	41-118		1	06/18/20 04:36	06/18/20 20:54	4165-60-0	
2-Fluorobiphenyl (S)	87	%	54-107		1	06/18/20 04:36	06/18/20 20:54	321-60-8	
Terphenyl-d14 (S)	89	%	51-129		1	06/18/20 04:36	06/18/20 20:54	1718-51-0	
Phenol-d6 (S)	40	%	12-120		1	06/18/20 04:36	06/18/20 20:54	13127-88-3	
2-Fluorophenol (S)	60	%	23-69		1	06/18/20 04:36	06/18/20 20:54	367-12-4	
2,4,6-Tribromophenol (S)	113	%	62-172		1	06/18/20 04:36	06/18/20 20:54	118-79-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/18/20 16:33	71-43-2	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		06/18/20 16:33	78-93-3	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/18/20 16:33	56-23-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

Sample: WC-W-01 **Lab ID: 40209519002** Collected: 06/11/20 19:25 Received: 06/15/20 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/18/20 16:33	108-90-7	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/18/20 16:33	67-66-3	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/18/20 16:33	107-06-2	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/18/20 16:33	75-35-4	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/18/20 16:33	127-18-4	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/18/20 16:33	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/18/20 16:33	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		1		06/18/20 16:33	460-00-4	
Dibromofluoromethane (S)	72	%	70-130		1		06/18/20 16:33	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		06/18/20 16:33	2037-26-5	

Sample: TB **Lab ID: 40209519003** Collected: 06/11/20 00:00 Received: 06/15/20 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/17/20 16:17	71-43-2	
2-Butanone (MEK)	**<2.9**	ug/L	20.0	2.9	1		06/17/20 16:17	78-93-3	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/17/20 16:17	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/17/20 16:17	108-90-7	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/17/20 16:17	67-66-3	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/17/20 16:17	107-06-2	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/17/20 16:17	75-35-4	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/17/20 16:17	127-18-4	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/17/20 16:17	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/17/20 16:17	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/17/20 16:17	460-00-4	HS
Dibromofluoromethane (S)	108	%	70-130		1		06/17/20 16:17	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/17/20 16:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

QC Batch: 357889
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury TCLP
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209519001

METHOD BLANK: 2070179 Matrix: Water
Associated Lab Samples: 40209519001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.084	0.28	06/18/20 09:36	

METHOD BLANK: 2069534 Matrix: Water
Associated Lab Samples: 40209519001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.084	0.28	06/18/20 10:06	

METHOD BLANK: 2069535 Matrix: Water
Associated Lab Samples: 40209519001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.084	0.28	06/18/20 10:20	

METHOD BLANK: 2069536 Matrix: Water
Associated Lab Samples: 40209519001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.084	0.28	06/18/20 10:34	

METHOD BLANK: 2069537 Matrix: Water
Associated Lab Samples: 40209519001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.084	0.28	06/18/20 11:00	

LABORATORY CONTROL SAMPLE: 2070180

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.9	99	85-115	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2070181 2070182

Parameter	Units	40209519001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.45	5	5	5.4	5.4	100	99	85-115	1	20	

MATRIX SPIKE SAMPLE: 2070183

Parameter	Units	40209334001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	<0.000084 mg/L	5	5.0	100	85-115	

MATRIX SPIKE SAMPLE: 2070184

Parameter	Units	40209222001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.00017J mg/L	5	5.2	101	85-115	

MATRIX SPIKE SAMPLE: 2070185

Parameter	Units	40209222002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	<0.000084 mg/L	5	5.1	102	85-115	

MATRIX SPIKE SAMPLE: 2070186

Parameter	Units	40209222003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	<0.000084 mg/L	5	5.0	100	85-115	

MATRIX SPIKE SAMPLE: 2070187

Parameter	Units	10521347001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	<0.084	5	5.0	99	85-115	

MATRIX SPIKE SAMPLE: 2070188

Parameter	Units	10521347002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	<0.084	5	5.1	101	85-115	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

MATRIX SPIKE SAMPLE: 2070189

Parameter	Units	10521347003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.9	5	7.0	82	85-115	M0

MATRIX SPIKE SAMPLE: 2070190

Parameter	Units	10521347004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.21J	5	4.4	84	85-115	M0

MATRIX SPIKE SAMPLE: 2070191

Parameter	Units	40209504001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.11J	5	5.2	101	85-115	

MATRIX SPIKE SAMPLE: 2070192

Parameter	Units	40209536001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	<0.084	5	4.9	97	85-115	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

QC Batch: 358415
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209519002

METHOD BLANK: 2073053 Matrix: Water
Associated Lab Samples: 40209519002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.084	0.28	06/24/20 09:46	

LABORATORY CONTROL SAMPLE: 2073054

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.1	103	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2073055 2073056

Parameter	Units	40209519002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.084	5	5	4.5	4.3	89	86	85-115	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

QC Batch: 357948
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET TCLP
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209519001

METHOD BLANK: 2070440 Matrix: Water
Associated Lab Samples: 40209519001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.0083	0.025	06/18/20 13:04	
Barium	mg/L	<0.0015	0.0050	06/18/20 13:04	
Cadmium	mg/L	<0.0013	0.0050	06/18/20 13:04	
Chromium	mg/L	<0.0025	0.010	06/18/20 13:04	
Lead	mg/L	<0.0059	0.020	06/18/20 13:04	
Selenium	mg/L	<0.012	0.041	06/18/20 13:04	
Silver	mg/L	<0.0032	0.011	06/18/20 13:04	

METHOD BLANK: 2069529 Matrix: Solid
Associated Lab Samples: 40209519001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.042	0.12	06/18/20 13:35	
Barium	mg/L	0.0096J	0.025	06/18/20 13:35	
Cadmium	mg/L	<0.0066	0.025	06/18/20 13:35	
Chromium	mg/L	<0.013	0.050	06/18/20 13:35	
Lead	mg/L	<0.030	0.098	06/18/20 13:35	
Selenium	mg/L	<0.061	0.20	06/18/20 13:35	
Silver	mg/L	<0.016	0.053	06/18/20 13:35	

METHOD BLANK: 2069530 Matrix: Solid
Associated Lab Samples: 40209519001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.042	0.12	06/18/20 13:50	
Barium	mg/L	<0.0075	0.025	06/18/20 13:50	
Cadmium	mg/L	<0.0066	0.025	06/18/20 13:50	
Chromium	mg/L	<0.013	0.050	06/18/20 13:50	
Lead	mg/L	<0.030	0.098	06/18/20 13:50	
Selenium	mg/L	<0.061	0.20	06/18/20 13:50	
Silver	mg/L	<0.016	0.053	06/18/20 13:50	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

METHOD BLANK: 2069531 Matrix: Solid
Associated Lab Samples: 40209519001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.0083	0.025	06/18/20 14:32	
Barium	mg/L	0.0029J	0.0050	06/18/20 14:32	
Cadmium	mg/L	<0.0013	0.0050	06/18/20 14:32	
Chromium	mg/L	<0.0025	0.010	06/18/20 14:32	
Lead	mg/L	<0.0059	0.020	06/18/20 14:32	
Selenium	mg/L	<0.012	0.041	06/18/20 14:32	
Silver	mg/L	<0.0032	0.011	06/18/20 14:32	

METHOD BLANK: 2069532 Matrix: Solid
Associated Lab Samples: 40209519001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.042	0.12	06/18/20 14:17	
Barium	mg/L	<0.0075	0.025	06/18/20 14:17	
Cadmium	mg/L	<0.0066	0.025	06/18/20 14:17	
Chromium	mg/L	<0.013	0.050	06/18/20 14:17	
Lead	mg/L	<0.030	0.098	06/18/20 14:17	
Selenium	mg/L	<0.061	0.20	06/18/20 14:17	
Silver	mg/L	<0.016	0.053	06/18/20 14:17	

LABORATORY CONTROL SAMPLE: 2070441

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	0.5	0.49	98	80-120	
Barium	mg/L	0.5	0.47	95	80-120	
Cadmium	mg/L	0.5	0.49	98	80-120	
Chromium	mg/L	0.5	0.49	98	80-120	
Lead	mg/L	0.5	0.49	98	80-120	
Selenium	mg/L	0.5	0.48	97	80-120	
Silver	mg/L	0.25	0.24	97	80-120	

MATRIX SPIKE SAMPLE: 2070442

Parameter	Units	10521347001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	<0.042	2.5	2.5	100	75-125	
Barium	mg/L	0.024J	2.5	2.4	96	75-125	
Cadmium	mg/L	<0.0066	2.5	2.5	100	75-125	
Chromium	mg/L	<0.013	2.5	2.5	99	75-125	
Lead	mg/L	<0.030	2.5	2.4	97	75-125	
Selenium	mg/L	<0.061	2.5	2.5	98	75-125	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

MATRIX SPIKE SAMPLE: 2070442

Parameter	Units	10521347001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Silver	mg/L	<0.016	1.2	1.3	101	75-125	

MATRIX SPIKE SAMPLE: 2070443

Parameter	Units	10521347002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	<0.042	2.5	2.5	100	75-125	
Barium	mg/L	0.087	2.5	2.5	95	75-125	
Cadmium	mg/L	<0.0066	2.5	2.5	99	75-125	
Chromium	mg/L	0.059	2.5	2.6	100	75-125	
Lead	mg/L	<0.030	2.5	2.4	97	75-125	
Selenium	mg/L	<0.061	2.5	2.4	97	75-125	
Silver	mg/L	<0.016	1.2	1.2	99	75-125	

MATRIX SPIKE SAMPLE: 2070444

Parameter	Units	10521347003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	0.53	2.5	3.3	111	75-125	
Barium	mg/L	0.032	2.5	2.5	97	75-125	
Cadmium	mg/L	<0.0066	2.5	2.7	107	75-125	
Chromium	mg/L	0.31	2.5	2.9	102	75-125	
Lead	mg/L	0.33	2.5	2.7	95	75-125	
Selenium	mg/L	0.59	2.5	3.4	112	75-125	
Silver	mg/L	2.6	1.2	4.0	113	75-125	

MATRIX SPIKE SAMPLE: 2070445

Parameter	Units	10521347004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	0.058J	2.5	2.8	111	75-125	
Barium	mg/L	0.059	2.5	2.5	97	75-125	
Cadmium	mg/L	0.027	2.5	2.7	108	75-125	
Chromium	mg/L	0.040J	2.5	2.6	103	75-125	
Lead	mg/L	0.30	2.5	2.8	98	75-125	
Selenium	mg/L	0.55	2.5	3.4	114	75-125	
Silver	mg/L	0.019J	1.2	1.4	114	75-125	

MATRIX SPIKE SAMPLE: 2070446

Parameter	Units	40209222001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	<0.042	2.5	2.5	99	75-125	
Barium	mg/L	0.063	2.5	2.5	96	75-125	
Cadmium	mg/L	<0.0066	2.5	2.5	99	75-125	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

MATRIX SPIKE SAMPLE: 2070446

Parameter	Units	40209222001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/L	0.087	2.5	2.6	100	75-125	
Lead	mg/L	<0.030	2.5	2.5	98	75-125	
Selenium	mg/L	<0.061	2.5	2.5	99	75-125	
Silver	mg/L	<0.016	1.2	1.3	101	75-125	

MATRIX SPIKE SAMPLE: 2070447

Parameter	Units	40209222002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	<0.042	2.5	2.5	100	75-125	
Barium	mg/L	3.9	2.5	6.4	100	75-125	
Cadmium	mg/L	<0.0066	2.5	2.5	101	75-125	
Chromium	mg/L	<0.013	2.5	2.5	101	75-125	
Lead	mg/L	<0.030	2.5	2.5	100	75-125	
Selenium	mg/L	<0.061	2.5	2.6	103	75-125	
Silver	mg/L	<0.016	1.2	1.3	102	75-125	

MATRIX SPIKE SAMPLE: 2070448

Parameter	Units	40209222003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	<0.042	2.5	2.5	99	75-125	
Barium	mg/L	1.8	2.5	4.3	99	75-125	
Cadmium	mg/L	<0.0066	2.5	2.5	100	75-125	
Chromium	mg/L	0.048J	2.5	2.6	101	75-125	
Lead	mg/L	0.044J	2.5	2.5	100	75-125	
Selenium	mg/L	<0.061	2.5	2.5	100	75-125	
Silver	mg/L	<0.016	1.2	1.3	100	75-125	

MATRIX SPIKE SAMPLE: 2070449

Parameter	Units	40209504001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	<0.042	2.5	2.4	98	75-125	
Barium	mg/L	3.4	2.5	5.6	87	75-125	
Cadmium	mg/L	<0.0066	2.5	2.4	96	75-125	
Chromium	mg/L	0.032J	2.5	2.4	96	75-125	
Lead	mg/L	<0.030	2.5	2.4	94	75-125	
Selenium	mg/L	<0.061	2.5	2.4	95	75-125	
Silver	mg/L	<0.016	1.2	1.2	97	75-125	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2070450 2070452

Parameter	Units	40209519001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/L	<0.042	2.5	2.5	2.5	2.6	100	102	75-125	1	20	
Barium	mg/L	0.13	2.5	2.5	2.5	2.5	94	95	75-125	1	20	
Cadmium	mg/L	<0.0066	2.5	2.5	2.5	2.5	99	100	75-125	1	20	
Chromium	mg/L	<0.013	2.5	2.5	2.4	2.5	98	99	75-125	1	20	
Lead	mg/L	<0.030	2.5	2.5	2.4	2.4	96	97	75-125	2	20	
Selenium	mg/L	<0.061	2.5	2.5	2.5	2.5	99	100	75-125	1	20	
Silver	mg/L	<0.016	1.2	1.2	1.2	1.3	99	101	75-125	2	20	

MATRIX SPIKE SAMPLE: 2070451

Parameter	Units	40209536001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	<0.042	2.5	2.5	101	75-125	
Barium	mg/L	0.34	2.5	2.7	95	75-125	
Cadmium	mg/L	<0.0066	2.5	2.5	98	75-125	
Chromium	mg/L	<0.013	2.5	2.5	99	75-125	
Lead	mg/L	<0.030	2.5	2.4	96	75-125	
Selenium	mg/L	<0.061	2.5	2.5	98	75-125	
Silver	mg/L	<0.016	1.2	1.3	100	75-125	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

QC Batch: 358111
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209519002

METHOD BLANK: 2071537 Matrix: Water
Associated Lab Samples: 40209519002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	<8.3	25.0	06/19/20 14:10	
Barium	ug/L	<1.5	5.0	06/19/20 14:10	
Cadmium	ug/L	<1.3	5.0	06/19/20 14:10	
Chromium	ug/L	<2.5	10.0	06/19/20 14:10	
Lead	ug/L	<5.9	19.7	06/19/20 14:10	
Selenium	ug/L	<12.2	40.8	06/19/20 14:10	
Silver	ug/L	<3.2	10.7	06/19/20 14:10	

LABORATORY CONTROL SAMPLE: 2071538

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	505	101	80-120	
Barium	ug/L	500	488	98	80-120	
Cadmium	ug/L	500	499	100	80-120	
Chromium	ug/L	500	506	101	80-120	
Lead	ug/L	500	504	101	80-120	
Selenium	ug/L	500	490	98	80-120	
Silver	ug/L	250	253	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071539 2071540

Parameter	Units	40209519002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	<8.3	500	500	582	558	115	110	75-125	4	20	
Barium	ug/L	62.2	500	500	564	544	100	96	75-125	4	20	
Cadmium	ug/L	<1.3	500	500	571	550	114	110	75-125	4	20	
Chromium	ug/L	<2.5	500	500	504	489	100	97	75-125	3	20	
Lead	ug/L	<5.9	500	500	489	464	98	93	75-125	5	20	
Selenium	ug/L	<12.2	500	500	559	535	111	106	75-125	4	20	
Silver	ug/L	<3.2	250	250	302	292	120	116	75-125	3	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

QC Batch: 357990
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV TCLP
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209519001

METHOD BLANK: 2070770 Matrix: Water
Associated Lab Samples: 40209519001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	<0.24	1.0	06/18/20 13:58	
1,2-Dichloroethane	ug/L	<0.28	1.0	06/18/20 13:58	
2-Butanone (MEK)	ug/L	<2.9	20.0	06/18/20 13:58	
Benzene	ug/L	<0.25	1.0	06/18/20 13:58	
Carbon tetrachloride	ug/L	<1.6	5.5	06/18/20 13:58	
Chlorobenzene	ug/L	<0.71	2.4	06/18/20 13:58	
Chloroform	ug/L	<1.3	5.0	06/18/20 13:58	
Tetrachloroethene	ug/L	<0.33	1.1	06/18/20 13:58	
Trichloroethene	ug/L	<0.26	1.0	06/18/20 13:58	
Vinyl chloride	ug/L	<0.17	1.0	06/18/20 13:58	
4-Bromofluorobenzene (S)	%	92	70-130	06/18/20 13:58	
Dibromofluoromethane (S)	%	107	70-130	06/18/20 13:58	
Toluene-d8 (S)	%	98	70-130	06/18/20 13:58	

METHOD BLANK: 2069538 Matrix: Solid
Associated Lab Samples: 40209519001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	<2.4	10.0	06/18/20 18:37	
1,2-Dichloroethane	ug/L	<2.8	10.0	06/18/20 18:37	
2-Butanone (MEK)	ug/L	<29.4	200	06/18/20 18:37	
Benzene	ug/L	<2.5	10.0	06/18/20 18:37	
Carbon tetrachloride	ug/L	<16.4	54.5	06/18/20 18:37	
Chlorobenzene	ug/L	<7.1	23.7	06/18/20 18:37	
Chloroform	ug/L	<12.7	50.0	06/18/20 18:37	
Tetrachloroethene	ug/L	<3.3	10.9	06/18/20 18:37	
Trichloroethene	ug/L	<2.6	10.0	06/18/20 18:37	
Vinyl chloride	ug/L	<1.7	10.0	06/18/20 18:37	
4-Bromofluorobenzene (S)	%	95	70-130	06/18/20 18:37	
Dibromofluoromethane (S)	%	106	70-130	06/18/20 18:37	
Toluene-d8 (S)	%	99	70-130	06/18/20 18:37	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

METHOD BLANK: 2070325 Matrix: Solid
Associated Lab Samples: 40209519001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	<2.4	10.0	06/18/20 18:59	
1,2-Dichloroethane	ug/L	<2.8	10.0	06/18/20 18:59	
2-Butanone (MEK)	ug/L	<29.4	200	06/18/20 18:59	
Benzene	ug/L	<2.5	10.0	06/18/20 18:59	
Carbon tetrachloride	ug/L	<16.4	54.5	06/18/20 18:59	
Chlorobenzene	ug/L	<7.1	23.7	06/18/20 18:59	
Chloroform	ug/L	<12.7	50.0	06/18/20 18:59	
Tetrachloroethene	ug/L	<3.3	10.9	06/18/20 18:59	
Trichloroethene	ug/L	<2.6	10.0	06/18/20 18:59	
Vinyl chloride	ug/L	<1.7	10.0	06/18/20 18:59	
4-Bromofluorobenzene (S)	%	92	70-130	06/18/20 18:59	
Dibromofluoromethane (S)	%	108	70-130	06/18/20 18:59	
Toluene-d8 (S)	%	98	70-130	06/18/20 18:59	

LABORATORY CONTROL SAMPLE: 2070771

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	53.3	107	77-123	
1,2-Dichloroethane	ug/L	50	49.9	100	78-142	
Benzene	ug/L	50	51.5	103	70-130	
Carbon tetrachloride	ug/L	50	49.4	99	70-132	
Chlorobenzene	ug/L	50	50.0	100	70-130	
Chloroform	ug/L	50	50.5	101	75-132	
Tetrachloroethene	ug/L	50	43.5	87	70-130	
Trichloroethene	ug/L	50	51.3	103	70-130	
Vinyl chloride	ug/L	50	54.0	108	51-140	
4-Bromofluorobenzene (S)	%			103	70-130	
Dibromofluoromethane (S)	%			106	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE SAMPLE: 2070239

Parameter	Units	40209222001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	<0.0024 mg/L	500	567	113	77-129	
1,2-Dichloroethane	ug/L	<0.0028 mg/L	500	514	103	78-145	
Benzene	ug/L	<0.0025 mg/L	500	547	109	70-130	
Carbon tetrachloride	ug/L	<0.016 mg/L	500	546	109	70-142	
Chlorobenzene	ug/L	<0.0071 mg/L	500	522	104	70-130	
Chloroform	ug/L	<0.013 mg/L	500	537	107	75-133	
Tetrachloroethene	ug/L	<0.0033 mg/L	500	478	96	70-130	
Trichloroethene	ug/L	<0.0026 mg/L	500	551	110	70-130	
Vinyl chloride	ug/L	<0.0017 mg/L	500	587	117	51-140	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

MATRIX SPIKE SAMPLE: 2070239

Parameter	Units	40209222001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%				100	70-130	
Dibromofluoromethane (S)	%				109	70-130	
Toluene-d8 (S)	%				96	70-130	

MATRIX SPIKE SAMPLE: 2070240

Parameter	Units	40209222002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	<0.0024 mg/L	500	577	115	77-129	
1,2-Dichloroethane	ug/L	<0.0028 mg/L	500	516	103	78-145	
Benzene	ug/L	<0.0025 mg/L	500	546	109	70-130	
Carbon tetrachloride	ug/L	<0.016 mg/L	500	541	108	70-142	
Chlorobenzene	ug/L	<0.0071 mg/L	500	529	106	70-130	
Chloroform	ug/L	<0.013 mg/L	500	536	107	75-133	
Tetrachloroethene	ug/L	<0.0033 mg/L	500	468	94	70-130	
Trichloroethene	ug/L	<0.0026 mg/L	500	551	110	70-130	
Vinyl chloride	ug/L	<0.0017 mg/L	500	610	122	51-140	
4-Bromofluorobenzene (S)	%				100	70-130	
Dibromofluoromethane (S)	%				106	70-130	
Toluene-d8 (S)	%				93	70-130	

MATRIX SPIKE SAMPLE: 2070241

Parameter	Units	40209222003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	<0.0024 mg/L	500	558	112	77-129	
1,2-Dichloroethane	ug/L	<0.0028 mg/L	500	491	98	78-145	
Benzene	ug/L	<0.0025 mg/L	500	531	106	70-130	
Carbon tetrachloride	ug/L	<0.016 mg/L	500	531	106	70-142	
Chlorobenzene	ug/L	<0.0071 mg/L	500	517	103	70-130	
Chloroform	ug/L	<0.013 mg/L	500	526	105	75-133	
Tetrachloroethene	ug/L	<0.0033 mg/L	500	466	93	70-130	
Trichloroethene	ug/L	<0.0026 mg/L	500	519	104	70-130	
Vinyl chloride	ug/L	<0.0017 mg/L	500	575	115	51-140	
4-Bromofluorobenzene (S)	%				97	70-130	
Dibromofluoromethane (S)	%				108	70-130	
Toluene-d8 (S)	%				95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2070242 2071051

Parameter	Units	40209504001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	<2.4	500	500	577	548	115	110	77-129	5	20	
1,2-Dichloroethane	ug/L	<2.8	500	500	519	498	104	100	78-145	4	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2070242 2071051

Parameter	Units	40209504001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	54.8	500	500	609	585	111	106	70-130	4	20	
Carbon tetrachloride	ug/L	<16.4	500	500	557	534	111	107	70-142	4	20	
Chlorobenzene	ug/L	<7.1	500	500	531	520	106	104	70-130	2	20	
Chloroform	ug/L	<12.7	500	500	550	532	110	106	75-133	3	20	
Tetrachloroethene	ug/L	<3.3	500	500	482	484	96	97	70-130	0	20	
Trichloroethene	ug/L	<2.6	500	500	554	529	111	106	70-130	5	20	
Vinyl chloride	ug/L	<1.7	500	500	590	555	118	111	51-140	6	20	
4-Bromofluorobenzene (S)	%						97	97	70-130			
Dibromofluoromethane (S)	%						107	105	70-130			
Toluene-d8 (S)	%						93	94	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

QC Batch: 357744
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40209519003

METHOD BLANK: 2069514 Matrix: Water
Associated Lab Samples: 40209519003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	<0.24	1.0	06/17/20 06:47	
1,2-Dichloroethane	ug/L	<0.28	1.0	06/17/20 06:47	
2-Butanone (MEK)	ug/L	<2.9	20.0	06/17/20 06:47	
Benzene	ug/L	<0.25	1.0	06/17/20 06:47	
Carbon tetrachloride	ug/L	<1.1	3.6	06/17/20 06:47	
Chlorobenzene	ug/L	<0.71	2.4	06/17/20 06:47	
Chloroform	ug/L	<1.3	5.0	06/17/20 06:47	
Tetrachloroethene	ug/L	<0.33	1.1	06/17/20 06:47	
Trichloroethene	ug/L	<0.26	1.0	06/17/20 06:47	
Vinyl chloride	ug/L	<0.17	1.0	06/17/20 06:47	
4-Bromofluorobenzene (S)	%	91	70-130	06/17/20 06:47	
Dibromofluoromethane (S)	%	101	70-130	06/17/20 06:47	
Toluene-d8 (S)	%	99	70-130	06/17/20 06:47	

LABORATORY CONTROL SAMPLE: 2069515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	56.5	113	77-123	
1,2-Dichloroethane	ug/L	50	52.5	105	78-142	
Benzene	ug/L	50	53.5	107	70-130	
Carbon tetrachloride	ug/L	50	50.5	101	70-132	
Chlorobenzene	ug/L	50	52.6	105	70-130	
Chloroform	ug/L	50	51.5	103	75-132	
Tetrachloroethene	ug/L	50	47.8	96	70-130	
Trichloroethene	ug/L	50	53.1	106	70-130	
Vinyl chloride	ug/L	50	49.1	98	51-140	
4-Bromofluorobenzene (S)	%			107	70-130	
Dibromofluoromethane (S)	%			101	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

QC Batch: 357842
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209519002

METHOD BLANK: 2070024 Matrix: Water
Associated Lab Samples: 40209519002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	<0.24	1.0	06/18/20 13:16	
1,2-Dichloroethane	ug/L	<0.28	1.0	06/18/20 13:16	
2-Butanone (MEK)	ug/L	<2.9	20.0	06/18/20 13:16	
Benzene	ug/L	<0.25	1.0	06/18/20 13:16	
Carbon tetrachloride	ug/L	<1.1	3.6	06/18/20 13:16	
Chlorobenzene	ug/L	<0.71	2.4	06/18/20 13:16	
Chloroform	ug/L	<1.3	5.0	06/18/20 13:16	
Tetrachloroethene	ug/L	<0.33	1.1	06/18/20 13:16	
Trichloroethene	ug/L	<0.26	1.0	06/18/20 13:16	
Vinyl chloride	ug/L	<0.17	1.0	06/18/20 13:16	
4-Bromofluorobenzene (S)	%	83	70-130	06/18/20 13:16	
Dibromofluoromethane (S)	%	85	70-130	06/18/20 13:16	
Toluene-d8 (S)	%	96	70-130	06/18/20 13:16	

LABORATORY CONTROL SAMPLE: 2070025

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	42.8	86	77-123	
1,2-Dichloroethane	ug/L	50	42.5	85	78-142	
Benzene	ug/L	50	45.0	90	70-130	
Carbon tetrachloride	ug/L	50	47.1	94	70-132	
Chlorobenzene	ug/L	50	52.4	105	70-130	
Chloroform	ug/L	50	40.8	82	75-132	
Tetrachloroethene	ug/L	50	52.9	106	70-130	
Trichloroethene	ug/L	50	53.0	106	70-130	
Vinyl chloride	ug/L	50	45.2	90	51-140	
4-Bromofluorobenzene (S)	%			95	70-130	
Dibromofluoromethane (S)	%			83	70-130	
Toluene-d8 (S)	%			93	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071132 2071133

Parameter	Units	40209557008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	8.0J	2500	2500	2650	2360	106	94	77-129	12	20	
1,2-Dichloroethane	ug/L	<2.8	2500	2500	2540	2300	101	92	78-145	10	20	
Benzene	ug/L	<2.5	2500	2500	2690	2420	108	97	70-136	11	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071132 2071133

Parameter	Units	40209557008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Carbon tetrachloride	ug/L	<10.8	2500	2500	2740	2590	110	103	70-142	6	20	
Chlorobenzene	ug/L	<7.1	2500	2500	2700	2820	108	113	70-130	4	20	
Chloroform	ug/L	<12.7	2500	2500	2490	2230	99	89	75-133	11	20	
Tetrachloroethene	ug/L	<3.3	2500	2500	2830	2930	113	117	70-130	3	20	
Trichloroethene	ug/L	677	2500	2500	3310	3460	105	111	70-130	4	20	
Vinyl chloride	ug/L	<1.7	2500	2500	2630	2380	105	95	51-140	10	20	
4-Bromofluorobenzene (S)	%						96	97	70-130			
Dibromofluoromethane (S)	%						86	81	70-130			
Toluene-d8 (S)	%						93	94	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

QC Batch: 357685
QC Batch Method: EPA 3541
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209519001

METHOD BLANK: 2069345 Matrix: Solid
Associated Lab Samples: 40209519001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<15.2	50.0	06/16/20 20:39	
PCB-1221 (Aroclor 1221)	ug/kg	<15.2	50.0	06/16/20 20:39	
PCB-1232 (Aroclor 1232)	ug/kg	<15.2	50.0	06/16/20 20:39	
PCB-1242 (Aroclor 1242)	ug/kg	<15.2	50.0	06/16/20 20:39	
PCB-1248 (Aroclor 1248)	ug/kg	<15.2	50.0	06/16/20 20:39	
PCB-1254 (Aroclor 1254)	ug/kg	<15.2	50.0	06/16/20 20:39	
PCB-1260 (Aroclor 1260)	ug/kg	<15.2	50.0	06/16/20 20:39	
Decachlorobiphenyl (S)	%	78	62-104	06/16/20 20:39	
Tetrachloro-m-xylene (S)	%	74	69-115	06/16/20 20:39	

LABORATORY CONTROL SAMPLE: 2069346

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<15.2			
PCB-1221 (Aroclor 1221)	ug/kg		<15.2			
PCB-1232 (Aroclor 1232)	ug/kg		<15.2			
PCB-1242 (Aroclor 1242)	ug/kg		<15.2			
PCB-1248 (Aroclor 1248)	ug/kg		<15.2			
PCB-1254 (Aroclor 1254)	ug/kg		<15.2			
PCB-1260 (Aroclor 1260)	ug/kg	500	400	80	59-119	
Decachlorobiphenyl (S)	%			79	62-104	
Tetrachloro-m-xylene (S)	%			76	69-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2069347 2069348

Parameter	Units	40209525001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	<16.9			<16.9	<16.9					20	
PCB-1221 (Aroclor 1221)	ug/kg	<16.9			<16.9	<16.9					20	
PCB-1232 (Aroclor 1232)	ug/kg	<16.9			<16.9	<16.9					20	
PCB-1242 (Aroclor 1242)	ug/kg	<16.9			<16.9	<16.9					20	
PCB-1248 (Aroclor 1248)	ug/kg	<16.9			<16.9	<16.9					20	
PCB-1254 (Aroclor 1254)	ug/kg	<16.9			<16.9	<16.9					20	
PCB-1260 (Aroclor 1260)	ug/kg	<16.9	555	554	307	342	55	62	55-123	11	20	
Decachlorobiphenyl (S)	%						54	52	62-104			S2
Tetrachloro-m-xylene (S)	%						64	62	69-115			S2

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

QC Batch: 357675
QC Batch Method: EPA 3510
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209519002

METHOD BLANK: 2069317 Matrix: Water
Associated Lab Samples: 40209519002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	<0.11	0.50	06/16/20 16:01	
PCB-1221 (Aroclor 1221)	ug/L	<0.11	0.50	06/16/20 16:01	
PCB-1232 (Aroclor 1232)	ug/L	<0.11	0.50	06/16/20 16:01	
PCB-1242 (Aroclor 1242)	ug/L	<0.11	0.50	06/16/20 16:01	
PCB-1248 (Aroclor 1248)	ug/L	<0.11	0.50	06/16/20 16:01	
PCB-1254 (Aroclor 1254)	ug/L	<0.11	0.50	06/16/20 16:01	
PCB-1260 (Aroclor 1260)	ug/L	<0.11	0.50	06/16/20 16:01	
Decachlorobiphenyl (S)	%	40	15-121	06/16/20 16:01	
Tetrachloro-m-xylene (S)	%	67	39-127	06/16/20 16:01	

LABORATORY CONTROL SAMPLE & LCSD: 2069318 2069319

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L		<0.11	<0.11					20	
PCB-1221 (Aroclor 1221)	ug/L		<0.11	<0.11					20	
PCB-1232 (Aroclor 1232)	ug/L		<0.11	<0.11					20	
PCB-1242 (Aroclor 1242)	ug/L		<0.11	<0.11					20	
PCB-1248 (Aroclor 1248)	ug/L		<0.11	<0.11					20	
PCB-1254 (Aroclor 1254)	ug/L		<0.11	<0.11					20	
PCB-1260 (Aroclor 1260)	ug/L	5	4.2	4.2	84	84	72-110	0	20	
Decachlorobiphenyl (S)	%				51	67	15-121			
Tetrachloro-m-xylene (S)	%				79	80	39-127			

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QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

QC Batch: 357974
QC Batch Method: EPA 3510
Analysis Method: EPA 8270
Analysis Description: 8270 TCLP MSSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209519001

METHOD BLANK: 2070715 Matrix: Water
Associated Lab Samples: 40209519001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	<2.9	10.0	06/18/20 12:22	
2,4,5-Trichlorophenol	ug/L	<1.3	10.0	06/18/20 12:22	
2,4,6-Trichlorophenol	ug/L	<1.6	10.0	06/18/20 12:22	
2,4-Dinitrotoluene	ug/L	<2.1	10.0	06/18/20 12:22	
2-Methylphenol(o-Cresol)	ug/L	<1.9	10.0	06/18/20 12:22	
3&4-Methylphenol(m&p Cresol)	ug/L	<1.2	10.0	06/18/20 12:22	
Hexachloro-1,3-butadiene	ug/L	<3.3	10.0	06/18/20 12:22	
Hexachlorobenzene	ug/L	<2.3	11.0	06/18/20 12:22	
Hexachloroethane	ug/L	<2.8	10.0	06/18/20 12:22	
Nitrobenzene	ug/L	<2.1	10.0	06/18/20 12:22	
Pentachlorophenol	ug/L	<9.1	30.4	06/18/20 12:22	
Pyridine	ug/L	<3.0	10.0	06/18/20 12:22	
2,4,6-Tribromophenol (S)	%	94	62-172	06/18/20 12:22	
2-Fluorobiphenyl (S)	%	79	54-107	06/18/20 12:22	
Nitrobenzene-d5 (S)	%	99	41-118	06/18/20 12:22	
Phenol-d6 (S)	%	38	12-120	06/18/20 12:22	

METHOD BLANK: 2069533 Matrix: Water
Associated Lab Samples: 40209519001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	<14.4	50.0	06/18/20 15:56	
2,4,5-Trichlorophenol	ug/L	<6.4	50.0	06/18/20 15:56	
2,4,6-Trichlorophenol	ug/L	<8.0	50.0	06/18/20 15:56	
2,4-Dinitrotoluene	ug/L	<10.6	50.0	06/18/20 15:56	
2-Methylphenol(o-Cresol)	ug/L	<9.3	50.0	06/18/20 15:56	
3&4-Methylphenol(m&p Cresol)	ug/L	<6.1	50.0	06/18/20 15:56	
Hexachloro-1,3-butadiene	ug/L	<16.5	50.0	06/18/20 15:56	
Hexachlorobenzene	ug/L	<11.5	55.0	06/18/20 15:56	
Hexachloroethane	ug/L	<14.2	50.0	06/18/20 15:56	
Nitrobenzene	ug/L	<10.7	50.0	06/18/20 15:56	
Pentachlorophenol	ug/L	<45.5	152	06/18/20 15:56	
Pyridine	ug/L	<15.1	50.0	06/18/20 15:56	
2,4,6-Tribromophenol (S)	%	98	62-172	06/18/20 15:56	
2-Fluorobiphenyl (S)	%	86	54-107	06/18/20 15:56	
Nitrobenzene-d5 (S)	%	98	41-118	06/18/20 15:56	
Phenol-d6 (S)	%	38	12-120	06/18/20 15:56	

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(920)469-2436

QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

LABORATORY CONTROL SAMPLE: 2070716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	25.0	50	46-89	
2,4,5-Trichlorophenol	ug/L	50	39.9	80	60-122	
2,4,6-Trichlorophenol	ug/L	50	38.8	78	59-119	
2,4-Dinitrotoluene	ug/L	50	49.6	99	70-130	
2-Methylphenol(o-Cresol)	ug/L	50	33.5	67	47-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	30.2	60	43-130	
Hexachloro-1,3-butadiene	ug/L	50	25.6	51	51-103	
Hexachlorobenzene	ug/L	50	50.6	101	70-130	
Hexachloroethane	ug/L	50	20.4	41	35-102	
Nitrobenzene	ug/L	50	44.5	89	70-130	
Pentachlorophenol	ug/L	50	41.5	83	53-101	
Pyridine	ug/L	50	22.0	44	10-130	
2,4,6-Tribromophenol (S)	%			99	62-172	
2-Fluorobiphenyl (S)	%			91	54-107	
Nitrobenzene-d5 (S)	%			95	41-118	
Phenol-d6 (S)	%			39	12-120	

MATRIX SPIKE SAMPLE: 2070717

Parameter	Units	40209222001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	<0.014 mg/L	250	151	60	46-99	
2,4,5-Trichlorophenol	ug/L	<0.0064 mg/L	250	241	97	24-139	
2,4,6-Trichlorophenol	ug/L	<0.0080 mg/L	250	235	94	18-131	
2,4-Dinitrotoluene	ug/L	<0.011 mg/L	250	256	102	22-158	
2-Methylphenol(o-Cresol)	ug/L	<0.0093 mg/L	250	210	84	29-130	
3&4-Methylphenol(m&p Cresol)	ug/L	<0.0061 mg/L	250	184	74	19-130	
Hexachloro-1,3-butadiene	ug/L	<0.017 mg/L	250	155	62	51-113	
Hexachlorobenzene	ug/L	<0.011 mg/L	250	259	104	70-130	
Hexachloroethane	ug/L	<0.014 mg/L	250	127	51	35-102	
Nitrobenzene	ug/L	<0.011 mg/L	250	242	97	51-130	
Pentachlorophenol	ug/L	<0.046 mg/L	250	229	92	10-200	
Pyridine	ug/L	<0.015 mg/L	250	88.5	35	10-130	
2,4,6-Tribromophenol (S)	%				113	62-172	
2-Fluorobiphenyl (S)	%				96	54-107	
Nitrobenzene-d5 (S)	%				103	41-118	
Phenol-d6 (S)	%				44	12-120	

MATRIX SPIKE SAMPLE: 2070718

Parameter	Units	40209222002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	<0.014 mg/L	250	135	54	46-99	
2,4,5-Trichlorophenol	ug/L	<0.0064 mg/L	250	223	89	24-139	
2,4,6-Trichlorophenol	ug/L	<0.0080 mg/L	250	222	89	18-131	
2,4-Dinitrotoluene	ug/L	<0.011 mg/L	250	265	106	22-158	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

MATRIX SPIKE SAMPLE: 2070718

Parameter	Units	40209222002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
2-Methylphenol(o-Cresol)	ug/L	<0.0093 mg/L	250	200	80	29-130	
3&4-Methylphenol(m&p Cresol)	ug/L	<0.0061 mg/L	250	176	71	19-130	
Hexachloro-1,3-butadiene	ug/L	<0.017 mg/L	250	147	59	51-113	
Hexachlorobenzene	ug/L	<0.011 mg/L	250	240	96	70-130	
Hexachloroethane	ug/L	<0.014 mg/L	250	115	46	35-102	
Nitrobenzene	ug/L	<0.011 mg/L	250	259	104	51-130	
Pentachlorophenol	ug/L	<0.046 mg/L	250	205	82	10-200	
Pyridine	ug/L	<0.015 mg/L	250	127	51	10-130	
2,4,6-Tribromophenol (S)	%				110	62-172	
2-Fluorobiphenyl (S)	%				93	54-107	
Nitrobenzene-d5 (S)	%				103	41-118	
Phenol-d6 (S)	%				43	12-120	

MATRIX SPIKE SAMPLE: 2070719

Parameter	Units	40209222003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	<0.014 mg/L	250	129	52	46-99	
2,4,5-Trichlorophenol	ug/L	<0.0064 mg/L	250	258	103	24-139	
2,4,6-Trichlorophenol	ug/L	<0.0080 mg/L	250	254	102	18-131	
2,4-Dinitrotoluene	ug/L	<0.011 mg/L	250	272	109	22-158	
2-Methylphenol(o-Cresol)	ug/L	<0.0093 mg/L	250	223	89	29-130	
3&4-Methylphenol(m&p Cresol)	ug/L	<0.0061 mg/L	250	200	80	19-130	
Hexachloro-1,3-butadiene	ug/L	<0.017 mg/L	250	155	62	51-113	
Hexachlorobenzene	ug/L	<0.011 mg/L	250	256	102	70-130	
Hexachloroethane	ug/L	<0.014 mg/L	250	113	45	35-102	
Nitrobenzene	ug/L	<0.011 mg/L	250	253	101	51-130	
Pentachlorophenol	ug/L	<0.046 mg/L	250	250	100	10-200	
Pyridine	ug/L	<0.015 mg/L	250	123	49	10-130	
2,4,6-Tribromophenol (S)	%				119	62-172	
2-Fluorobiphenyl (S)	%				93	54-107	
Nitrobenzene-d5 (S)	%				100	41-118	
Phenol-d6 (S)	%				43	12-120	

MATRIX SPIKE SAMPLE: 2070720

Parameter	Units	40209519001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	<14.4	250	130	52	46-99	
2,4,5-Trichlorophenol	ug/L	<6.4	250	231	93	24-139	
2,4,6-Trichlorophenol	ug/L	<8.0	250	229	92	18-131	
2,4-Dinitrotoluene	ug/L	<10.6	250	259	103	22-158	
2-Methylphenol(o-Cresol)	ug/L	<9.3	250	214	86	29-130	
3&4-Methylphenol(m&p Cresol)	ug/L	<6.1	250	193	77	19-130	
Hexachloro-1,3-butadiene	ug/L	<16.5	250	148	59	51-113	
Hexachlorobenzene	ug/L	<11.5	250	240	96	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

MATRIX SPIKE SAMPLE: 2070720

Parameter	Units	40209519001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Hexachloroethane	ug/L	<14.2	250	111	45	35-102	
Nitrobenzene	ug/L	<10.7	250	232	93	51-130	
Pentachlorophenol	ug/L	<45.5	250	214	86	10-200	
Pyridine	ug/L	<15.1	250	161	65	10-130	
2,4,6-Tribromophenol (S)	%				112	62-172	
2-Fluorobiphenyl (S)	%				89	54-107	
Nitrobenzene-d5 (S)	%				97	41-118	
Phenol-d6 (S)	%				43	12-120	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

QC Batch: 357976
QC Batch Method: EPA 3510
Analysis Method: EPA 8270
Analysis Description: 8270 Water MSSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209519002

METHOD BLANK: 2070724 Matrix: Water
Associated Lab Samples: 40209519002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	<1.4	5.0	06/18/20 12:22	
2,4,5-Trichlorophenol	ug/L	<0.64	5.0	06/18/20 12:22	
2,4,6-Trichlorophenol	ug/L	<0.80	5.0	06/18/20 12:22	
2,4-Dinitrotoluene	ug/L	<1.1	5.0	06/18/20 12:22	
2-Methylphenol(o-Cresol)	ug/L	<0.93	5.0	06/18/20 12:22	
3&4-Methylphenol(m&p Cresol)	ug/L	<0.61	5.0	06/18/20 12:22	
Hexachloro-1,3-butadiene	ug/L	<1.1	5.5	06/18/20 12:22	
Hexachlorobenzene	ug/L	<1.7	5.0	06/18/20 12:22	
Hexachloroethane	ug/L	<1.4	5.0	06/18/20 12:22	
Nitrobenzene	ug/L	<1.1	5.0	06/18/20 12:22	
Pentachlorophenol	ug/L	<4.6	15.2	06/18/20 12:22	
Pyridine	ug/L	<1.5	5.0	06/18/20 12:22	
2,4,6-Tribromophenol (S)	%	94	62-172	06/18/20 12:22	
2-Fluorobiphenyl (S)	%	79	54-107	06/18/20 12:22	
2-Fluorophenol (S)	%	52	23-69	06/18/20 12:22	
Nitrobenzene-d5 (S)	%	99	41-118	06/18/20 12:22	
Phenol-d6 (S)	%	38	12-120	06/18/20 12:22	
Terphenyl-d14 (S)	%	103	51-129	06/18/20 12:22	

LABORATORY CONTROL SAMPLE: 2070725

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	25.0	50	46-89	
2,4,5-Trichlorophenol	ug/L	50	39.9	80	60-122	
2,4,6-Trichlorophenol	ug/L	50	38.8	78	59-119	
2,4-Dinitrotoluene	ug/L	50	49.6	99	70-130	
2-Methylphenol(o-Cresol)	ug/L	50	33.5	67	47-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	30.2	60	43-130	
Hexachloro-1,3-butadiene	ug/L	50	25.6	51	51-103	
Hexachlorobenzene	ug/L	50	50.6	101	70-130	
Hexachloroethane	ug/L	50	20.4	41	35-102	
Nitrobenzene	ug/L	50	44.5	89	70-130	
Pentachlorophenol	ug/L	50	41.5	83	53-101	
Pyridine	ug/L	50	22.0	44	10-130	
2,4,6-Tribromophenol (S)	%			99	62-172	
2-Fluorobiphenyl (S)	%			91	54-107	
2-Fluorophenol (S)	%			53	23-69	
Nitrobenzene-d5 (S)	%			95	41-118	
Phenol-d6 (S)	%			39	12-120	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

LABORATORY CONTROL SAMPLE: 2070725

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Terphenyl-d14 (S)	%			94	51-129	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2070727 2070728

Parameter	Units	40209371001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	ug/L	<1.4	48.1	48.1	32.4	29.9	67	62	46-99	8	24	
2,4,5-Trichlorophenol	ug/L	<0.63	48.1	48.1	45.2	42.0	94	87	24-139	7	28	
2,4,6-Trichlorophenol	ug/L	<0.77	48.1	48.1	44.1	41.0	92	85	18-131	7	29	
2,4-Dinitrotoluene	ug/L	<1.0	48.1	48.1	49.1	49.2	102	102	22-158	0	22	
2-Methylphenol(o-Cresol)	ug/L	<0.90	48.1	48.1	38.7	31.7	80	66	29-130	20	43	
3&4-Methylphenol(m&p Cresol)	ug/L	<0.59	48.1	48.1	33.0	28.4	69	59	19-130	15	38	
Hexachloro-1,3-butadiene	ug/L	<1.1	48.1	48.1	36.4	35.1	76	73	51-113	4	20	
Hexachlorobenzene	ug/L	<1.6	48.1	48.1	46.9	47.2	98	98	70-130	1	20	
Hexachloroethane	ug/L	<1.4	48.1	48.1	30.7	28.5	64	59	35-102	7	33	
Nitrobenzene	ug/L	<1.0	48.1	48.1	43.9	44.4	91	92	51-130	1	21	
Pentachlorophenol	ug/L	<4.4	48.1	48.1	39.0	40.3	81	84	10-200	3	24	
Pyridine	ug/L	<1.5	48.1	48.1	28.4	20.1	59	42	10-130	34	50	
2,4,6-Tribromophenol (S)	%						109	107	62-172			
2-Fluorobiphenyl (S)	%						92	94	54-107			
2-Fluorophenol (S)	%						57	57	23-69			
Nitrobenzene-d5 (S)	%						96	101	41-118			
Phenol-d6 (S)	%						37	38	12-120			
Terphenyl-d14 (S)	%						90	93	51-129			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

QC Batch: 358595
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40209519001

SAMPLE DUPLICATE: 2073843

Parameter	Units	40209999001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.4	6.2	3	10	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: 357712

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 117-4124128 GB WASTE CHARACTER
Pace Project No.: 40209519

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40209519001	**WC-S-01**	EPA 3541	357685	EPA 8082	357726
40209519002	**WC-W-01**	EPA 3510	357675	EPA 8082	357712
40209519001	**WC-S-01**	EPA 3010	357948	EPA 6010	358043
40209519002	**WC-W-01**	EPA 3010	358111	EPA 6010	358177
40209519001	**WC-S-01**	EPA 7470	357889	EPA 7470	357930
40209519002	**WC-W-01**	EPA 7470	358415	EPA 7470	358518
40209519001	**WC-S-01**	EPA 3510	357974	EPA 8270	358039
40209519002	**WC-W-01**	EPA 3510	357976	EPA 8270	358042
40209519001	**WC-S-01**	EPA 8260	357990		
40209519002	**WC-W-01**	EPA 8260	357842		
40209519003	**TB**	EPA 8260	357744		
40209519001	**WC-S-01**	ASTM D2974-87	358595		

UPPER MIDWEST REGION
MN: 612-607-1700 **WI:** 920-469-2436

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

4020951 9

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	Tetra Tech
Branch/Location:	Ann Arbor, MI
Project Contact:	Mike Savale
Phone:	(734) 213-5040
Project Number:	117-4124128
Project Name:	Green Bay Waste Characterization
Project State:	WI
Sampled By (Print):	Jared Walbert
Sampled By (Sign):	Jared Walbert
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Mike Savale
Mail To Company:	Tetra Tech
Mail To Address:	710 Avis Dr. Suite 100 Ann Arbor, MI 48108
Invoice To Contact:	Mike Savale
Invoice To Company:	Tetra Tech
Invoice To Address:	710 Avis Dr. Suite 100 Ann Arbor, MI 48108
Invoice To Phone:	(734) 213-5040

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: TCLP VOCs	TCLP SVOCs	TCLP 8 RCRA Metals	PCBs
001	WC-S-01	6/11/20	18:45	S	X	X	X	X
002	WC-W-01	6/11/20	14:25	W	X	X	X	X
003	(1) TB							

FILTERED? (YES/NO): Y/N — N | N | N | N
PRESERVATION (CODE)*: Pick Letter — B for water | A | D for water | A

CLIENT COMMENTS

LAB COMMENTS (Lab Use Only)

Profile #

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
Email #1: Michael.Savale@tetratech.com
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Jared Walbert Jared Walbert	6/12/20 15:30	Fedex	6/12/2020 15:30
FedEx	6/13/20 0935	Eric Werth/Pace	6/13/20 0935

PACE Project No. 4020951 9

Receipt Temp = 3.0 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / ~~Not Present~~ Intact / Not Intact

Version 6.0 06/14/06

ORIGINAL

C019a(27Jun2006) DTB added to COC by EW 6/11/20

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Preservation Receipt Form

Client Name: Tetra Tech Project # 40209519

All containers needing preservation have been checked and noted below: ☑Yes ☐No ☐N/A Initial when completed: MM Date/ Time:

Lab Lot# of pH paper: 10052791 Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass								Plastic					Vials						Jars				General			VOA Vials (>6mm)*	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN							
001																				1												2.5 / 5 / 10
002	2											1					3														✓		2.5 / 5 / 10
003																											1						2.5 / 5 / 10
004																																	2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
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015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

MM 6/15/20

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm): ☑Yes ☐No ☐N/A ***If yes look in headspace column**

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

Pace Analytical® 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: WO#: 40209519

40209519

Client Name: Tetra Tech

Courier: ☐ CS Logistics ☑ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco ☐ Client ☐ Pace Other:

Tracking #: 8146 6327 3022

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☐ no Seals intact: ☐ yes ☐ no

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used SR - 97 **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 3.0 /Corr: 3.0

Temp Blank Present: ☐ yes ☑ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:
Date: 4/13/20 /Initials: EMW

Labeled By Initials: SKW

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☑No ☐N/A	2. paget 4/13/20
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☐Yes ☑No	10. 003
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: SW	☑Yes ☐No ☐N/A	12.
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 467		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logi

July 08, 2020

Vista Work Order No. 2001275

Mr. Michael Savale
Tetra Tech
710 Avis Drive, Suite 100
Ann Arbor, MI 48108

Dear Mr. Savale,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on June 13, 2020 under your Project Name '117-4124128 South Broadway Facility PFAS'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

Martha Maier
Laboratory Director

Vista Work Order No. 2001275
Case Narrative

Sample Condition on Receipt:

One soil sample was received in good condition and within the method temperature requirements. The sample was received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

Analytical Notes:

PFAS Isotope Dilution Method

The sample was extracted and analyzed for a selected list of PFAS using Vista's Isotope Dilution Method. The results for PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Results for all other analytes include the linear isomers only.

Holding Times

The sample was extracted and analyzed within the method hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the method acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above the Reporting Limit (RL). The OPR recoveries were within the method acceptance criteria.

The internal standard recoveries outside the acceptance criteria are listed in the table below.

QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
B0F0199-BLK1	B0F0199-BLK1	PFAS Isotope Dilution Method	d3-MeFOSA	H	7.40
B0F0199-BLK1	B0F0199-BLK1	PFAS Isotope Dilution Method	d5-EtFOSA	H	5.90
B0F0199-BLK1	B0F0199-BLK1	PFAS Isotope Dilution Method	13C2-PFHxDA	H	24.3
B0F0199-BS1	B0F0199-BS1	PFAS Isotope Dilution Method	d3-MeFOSA	H	7.60
B0F0199-BS1	B0F0199-BS1	PFAS Isotope Dilution Method	d5-EtFOSA	H	6.10
B0F0199-BS1	B0F0199-BS1	PFAS Isotope Dilution Method	13C2-PFHxDA	H	22.2

H = Recovery was outside laboratory acceptance criteria.

TABLE OF CONTENTS

Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2001275-01	WC-S-01	11-Jun-20 18:45	13-Jun-20 10:30	HDPE Jar, 6 oz
				HDPE Jar, 6 oz

ANALYTICAL RESULTS

Sample ID: Method Blank — **PFAS Isotope Dilution Method**

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Solid

Laboratory Data

Lab Sample: B0F0199-BLK1
Column: BEH C18

Analyte	CAS Number	Conc. (ng/g)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.346	0.500		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFPeA	2706-90-3	ND	0.398	0.500		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFBS	375-73-5	ND	0.304	0.500		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
4:2 FTS	757124-72-4	ND	0.360	0.500		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFHxA	307-24-4	ND	0.216	0.500		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFPeS	2706-91-4	ND	0.658	1.00		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
HFPO-DA	13252-13-6	ND	1.18	1.50		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFHpA	375-85-9	ND	0.478	0.500		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
ADONA	919005-14-4	ND	0.340	0.500		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFHxS	355-46-4	ND	0.390	0.500		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
6:2 FTS	27619-97-2	ND	0.654	1.00		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFOA	335-67-1	ND	0.470	0.500		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFHpS	375-92-8	ND	0.738	1.00		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFNA	375-95-1	ND	0.312	0.500		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFOSA	754-91-6	ND	1.01	1.50		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFOS	1763-23-1	ND	0.430	0.500		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
9Cl-PF3ONS	756426-58-1	ND	0.370	0.500		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFDA	335-76-2	ND	0.452	0.500		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
8:2 FTS	39108-34-4	ND	0.722	1.00		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFNS	68259-12-1	ND	1.15	1.50		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
MeFOSAA	2355-31-9	ND	0.736	1.00		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
EtFOSAA	2991-50-6	ND	0.688	1.00		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFUnA	2058-94-8	ND	0.258	0.500		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFDS	335-77-3	ND	0.690	1.00		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
11Cl-PF3OUdS	763051-92-9	ND	0.722	1.00		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
10:2 FTS	120226-60-0	ND	1.02	1.50		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFDoA	307-55-1	ND	0.404	0.500		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
MeFOSA	31506-32-8	ND	5.78	10.0		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFTrDA	72629-94-8	ND	0.402	0.500		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFDoS	79780-39-5	ND	0.600	1.00		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFTeDA	376-06-7	ND	0.264	0.500		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
EtFOSA	4151-50-2	ND	3.84	10.0		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFHxDA	67905-19-5	ND	0.170	0.500		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
PFODA	16517-11-6	ND	0.500	1.00		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
MeFOSE	24448-09-7	ND	4.96	10.0		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
EtFOSE	1691-99-2	ND	5.38	10.0		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	70.5	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Solid

Laboratory Data

Lab Sample: B0F0199-BLK1
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFPeA	IS	72.3	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
13C3-PFBS	IS	73.3	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
13C3-HFPO-DA	IS	72.1	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
13C2-4:2 FTS	IS	76.1	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
13C2-PFHxA	IS	72.5	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
13C4-PFHpA	IS	67.8	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
13C3-PFHxS	IS	73.8	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
13C2-6:2 FTS	IS	75.0	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
13C5-PFNA	IS	54.9	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
13C8-PFOSA	IS	33.3	10 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
13C2-PFOA	IS	67.1	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
13C8-PFOS	IS	77.7	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
13C2-PFDA	IS	56.9	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
13C2-8:2 FTS	IS	58.7	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
d3-MeFOSAA	IS	38.7	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
13C2-PFUnA	IS	44.8	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
d5-EtFOSAA	IS	41.3	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
13C2-10:2 FTS	IS	55.2	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
13C2-PFDoA	IS	40.1	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
d3-MeFOSA	IS	7.40	10 - 150	H	B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
13C2-PFTeDA	IS	38.5	25 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
d5-EtFOSA	IS	5.90	10 - 150	H	B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
13C2-PFHxDA	IS	24.3	25 - 150	H	B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
d7-MeFOSE	IS	18.2	10 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1
d9-EtFOSE	IS	14.3	10 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:41	1

MDL - Method Detection Limit

RL - Reporting limit

The results are reported in dry weight.
The sample size is reported in wet weight.
Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: OPR **PFAS Isotope Dilution Method**

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Solid

Laboratory Data

Lab Sample: B0F0199-BS1
Column: BEH C18

Analyte	CAS Number	Amt Found (ng/g)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	1.96	2.00	98.0	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFPeA	2706-90-3	2.00	2.00	100	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFBS	375-73-5	2.16	2.00	108	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
4:2 FTS	757124-72-4	1.99	2.00	99.4	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFHxA	307-24-4	1.95	2.00	97.7	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFPeS	2706-91-4	1.96	2.00	97.8	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
HFPO-DA	13252-13-6	2.07	2.00	103	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFHpA	375-85-9	2.14	2.00	107	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
ADONA	919005-14-4	2.09	2.00	104	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFHxS	355-46-4	1.72	2.00	85.8	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
6:2 FTS	27619-97-2	2.20	2.00	110	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFOA	335-67-1	2.23	2.00	112	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFHpS	375-92-8	1.97	2.00	98.7	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFNA	375-95-1	1.95	2.00	97.3	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFOSA	754-91-6	2.34	2.00	117	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFOS	1763-23-1	2.17	2.00	109	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
9Cl-PF3ONS	756426-58-1	2.10	2.00	105	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFDA	335-76-2	1.96	2.00	97.8	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
8:2 FTS	39108-34-4	1.96	2.00	98.2	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFNS	68259-12-1	2.07	2.00	103	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
MeFOSAA	2355-31-9	2.08	2.00	104	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
EtFOSAA	2991-50-6	1.78	2.00	88.8	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFUnA	2058-94-8	2.13	2.00	106	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFDS	335-77-3	1.51	2.00	75.6	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
11Cl-PF3OUdS	763051-92-9	2.68	2.00	134	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
10:2 FTS	120226-60-0	1.68	2.00	83.8	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFDoA	307-55-1	1.83	2.00	91.4	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
MeFOSA	31506-32-8	8.60	10.0	86.0	50 - 150	J	B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFTrDA	72629-94-8	1.75	2.00	87.5	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFDoS	79780-39-5	2.40	2.00	120	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFTeDA	376-06-7	1.91	2.00	95.7	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
EtFOSA	4151-50-2	7.86	10.0	78.6	50 - 150	J	B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFHxDA	67905-19-5	1.98	2.00	98.9	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
PFODA	16517-11-6	1.76	2.00	88.1	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1

Sample ID: OPR **PFAS Isotope Dilution Method**

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Solid

Laboratory Data

Lab Sample: B0F0199-BS1
Column: BEH C18

Analyte	CAS Number	Amt Found (ng/g)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
MeFOSE	24448-09-7	10.1	10.0	101	50 - 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
EtFOSE	1691-99-2	7.84	10.0	78.4	50 - 150	J	B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	71.5	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C3-PFPeA	IS	73.9	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C3-PFBS	IS	73.7	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C3-HFPO-DA	IS	72.1	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C2-4:2 FTS	IS	77.8	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C2-PFHxA	IS	71.3	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C4-PFHpA	IS	70.4	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C3-PFHxS	IS	76.2	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C2-6:2 FTS	IS	70.1	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C5-PFNA	IS	61.8	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C8-PFOSA	IS	34.8	10- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C2-PFOA	IS	67.1	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C8-PFOS	IS	74.8	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C2-PFDA	IS	48.9	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C2-8:2 FTS	IS	61.1	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
d3-MeFOSAA	IS	45.7	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C2-PFUnA	IS	46.2	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
d5-EtFOSAA	IS	41.9	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C2-10:2 FTS	IS	50.3	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C2-PFDoA	IS	39.1	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
d3-MeFOSA	IS	7.60	10- 150	H	B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C2-PFTeDA	IS	26.9	25- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
d5-EtFOSA	IS	6.10	10- 150	H	B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
13C2-PFHxDA	IS	22.2	25- 150	H	B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
d7-MeFOSE	IS	18.3	10- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1
d9-EtFOSE	IS	14.6	10- 150		B0F0199	02-Jul-20	1.00 g	07-Jul-20 19:52	1

Vista Analytical Laboratory

Sample ID: WC-S-01

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: 117-4124128 South Broadway Facility PFAS
Matrix: Soil
Date Collected: 11-Jun-20 18:45

Laboratory Data

Lab Sample: 2001275-01
Date Received: 13-Jun-20 10:30
% Solids: 82.0
Column: BEH C18

Analyte	CAS Number	Conc. (ng/g)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.340	0.492		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFPeA	2706-90-3	ND	0.391	0.492		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFBS	375-73-5	ND	0.299	0.492		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
4:2 FTS	757124-72-4	ND	0.354	0.492		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFHxA	307-24-4	ND	0.212	0.492		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFPeS	2706-91-4	ND	0.647	0.983		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
HFPO-DA	13252-13-6	ND	1.16	1.47		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFHpA	375-85-9	ND	0.470	0.492		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
ADONA	919005-14-4	ND	0.334	0.492		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFHxS	355-46-4	ND	0.383	0.492		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
6:2 FTS	27619-97-2	ND	0.643	0.983		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFOA	335-67-1	ND	0.462	0.492		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFHpS	375-92-8	ND	0.726	0.983		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFNA	375-95-1	ND	0.307	0.492		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFOSA	754-91-6	ND	0.991	1.47		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFOS	1763-23-1	ND	0.423	0.492		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
9Cl-PF3ONS	756426-58-1	ND	0.364	0.492		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFDA	335-76-2	ND	0.444	0.492		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
8:2 FTS	39108-34-4	ND	0.710	0.983		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFNS	68259-12-1	ND	1.13	1.47		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
MeFOSAA	2355-31-9	ND	0.724	0.983		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
EtFOSAA	2991-50-6	ND	0.676	0.983		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFUnA	2058-94-8	ND	0.254	0.492		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFDS	335-77-3	ND	0.678	0.983		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
11Cl-PF3OUdS	763051-92-9	ND	0.710	0.983		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
10:2 FTS	120226-60-0	ND	0.999	1.47		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFDoA	307-55-1	ND	0.397	0.492		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
MeFOSA	31506-32-8	ND	5.68	9.83		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFTrDA	72629-94-8	ND	0.395	0.492		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFDoS	79780-39-5	ND	0.590	0.983		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFTeDA	376-06-7	ND	0.260	0.492		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
EtFOSA	4151-50-2	ND	3.78	9.83		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFHxDA	67905-19-5	ND	0.167	0.492		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
PFODA	16517-11-6	ND	0.492	0.983		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
MeFOSE	24448-09-7	ND	4.88	9.83		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
EtFOSE	1691-99-2	ND	5.29	9.83		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	72.1	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1

Vista Analytical Laboratory

Sample ID: WC-S-01

PFAS Isotope Dilution Method

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Matrix: Soil
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Laboratory Data

Lab Sample: 2001275-01
Date Received: 13-Jun-20 10:30
% Solids: 82.0
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFPeA	IS	77.5	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
13C3-PFBS	IS	82.7	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
13C3-HFPO-DA	IS	84.1	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
13C2-4:2 FTS	IS	89.5	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
13C2-PFHxA	IS	78.7	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
13C4-PFHpA	IS	75.5	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
13C3-PFHxS	IS	77.8	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
13C2-6:2 FTS	IS	76.8	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
13C5-PFNA	IS	54.3	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
13C8-PFOSA	IS	45.3	10 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
13C2-PFOA	IS	66.6	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
13C8-PFOS	IS	84.8	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
13C2-PFDA	IS	55.0	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
13C2-8:2 FTS	IS	61.6	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
d3-MeFOSAA	IS	54.0	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
13C2-PFUnA	IS	62.0	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
d5-EtFOSAA	IS	59.4	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
13C2-10:2 FTS	IS	67.2	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
13C2-PFDoA	IS	64.8	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
d3-MeFOSA	IS	12.5	10 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
13C2-PFTeDA	IS	60.0	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
d5-EtFOSA	IS	12.8	10 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
13C2-PFHxDA	IS	29.2	25 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
d7-MeFOSE	IS	28.8	10 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1
d9-EtFOSE	IS	32.5	10 - 150		B0F0199	02-Jul-20	1.24 g	07-Jul-20 20:02	1

MDL - Method Detection Limit

RL - Reporting limit

The results are reported in dry weight.
The sample size is reported in wet weight.
Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank
Conc.	Concentration
CRS	Cleanup Recovery Standard
D	Dilution
DL	Detection limit
E	The associated compound concentration exceeded the calibration range of the instrument
H	Recovery and/or RPD was outside laboratory acceptance limits
I	Chemical Interference
IS	Internal Standard
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limit of Detection
LOQ	Limit of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
NA	Not applicable
ND	Not Detected
OPR	Ongoing Precision and Recovery sample
P	The reported concentration may include contribution from chlorinated diphenyl ether(s).
Q	The ion transition ratio is outside of the acceptance criteria.
RL	Reporting Limit
TEQ	Toxic Equivalency
U	Not Detected (specific projects only)
*	See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

Vista Analytical Laboratory Certifications

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	19-013-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-23
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2018017
Massachusetts Department of Environmental Protection	N/A
Michigan Department of Environmental Quality	9932
Minnesota Department of Health	1521520
New Hampshire Environmental Accreditation Program	207718-B
New Jersey Department of Environmental Protection	190001
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-010
Pennsylvania Department of Environmental Protection	016
Texas Commission on Environmental Quality	T104704189-19-10
Vermont Department of Health	VT-4042
Virginia Department of General Services	10272
Washington Department of Ecology	C584-19
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request.

NELAP Accredited Test Methods

MATRIX: Air	
Description of Test	**Method**
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA 23
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA TO-9A

MATRIX: Biological Tissue	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Drinking Water	
Description of Test	**Method**
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS	EPA 1613/1613B
1,4-Dioxane (1,4-Diethyleneoxide) analysis by GC/HRMS	EPA 522
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	ISO 25101 2009

MATRIX: Non-Potable Water	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Dioxin by GC/HRMS	EPA 613
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Solids	
Description of Test	**Method**
Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

Vista Analytical Laboratory

CHAIN OF CUSTODY

117-4124128

For Laboratory Use Only			
Work Order #:	20Q1275	Temp:	2.1 °C
Storage ID:	R-13, WR-2	Storage Secured:	Yes ☑ No ☐

Project ID: South Broadway Facility PFAS PO#: _____ Sampler: Jared Walbert (name)

TAT (check one): Standard: ☒ 21 days; Rush (surcharge may apply): ☐ 14 days ☐ 7 days Specify: _____

Relinquished by (printed name and signature)	Date	Time	Received by (printed name and signature)	Date	Time
Jared Walbert Jared Walbert	6/11/2020	15:30	Fedex	06/12/2020	15:30
Fedex	06/13/2020	10:30	Hayden Ganas	06/13/2020	10:30

SHIP TO: Vista Analytical Laboratory
1104 Windfield Way
El Dorado Hills, CA 95762
(916) 673-1520 * Fax (916) 673-0106

ATTN: Jade White

Method of Shipment: fedex Priority Overnight

Tracking No.: _____

Add Analysis(es) Requested

Sample ID	Date	Time	Location/ Sample Description	Container(s) Quantity	Container(s) Type	Container(s) Matrix	PFAS by Isotope Dilution: PFOA/ PFOS	PFAS by Isotope Dilution: UCMR3 PFAS List:6	PFAS by Isotope Dilution: 537.1 List: 14 or 18 (Circle One)	PFAS by Isotope Dilution: EPA Draft List of 24	OTHER: Please attach analyte list	EPA Method 537 (DW only): PFOA/ PFOS	EPA Method 537 (DW only): UCMR3 PFAS List:6	EPA Method 537 (DW only): 537.1 List of 14	EPA Method 537 (DW only): 537.1 List of 18	Comments
WC-S-01	6/11/2020	12:45		2	PJ	SO					WDNR list of 36 PFAS					

Special Instructions/Comments:
Level IV data package

SEND DOCUMENTATION AND RESULTS TO:

Name: Mike Savale
Company: Tetra Tech
Address: 710 Avis Dr. Suite 100
City: Ann Arbor, MI 48108
Phone: (734) 213-5040
Email: Michael.Savale@tetratech.com

Container Types: P= HDPE, PJ= HDPE Jar, PY= Polypropylene, O = Other: _____

Bottle Preservation Type: TZ = Trizma: _____

Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment, SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other: _____

Vista Analytical Laboratory

Sample Log-In Checklist

Page # 1 of 1

Vista Work Order #: 2001275 TAT std

Samples Arrival:	**Date/Time** 06/13/2020 10:30		**Initials:** HDG		**Location:** WR-2 **Shelf/Rack:** NA		
Delivered By:	~~FedEx~~	UPS	On Trac	GLS	DHL	Hand Delivered	Other
Preservation:	(Ice)		Blue Ice		Dry Ice		None
Temp °C: 2.1 (uncorrected)			**Probe used: Y / (N)**		**Thermometer ID:** IR-4		
Temp °C: 2.1 (corrected)							

	YES	NO	NA
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?			✓
Airbill — Trk # 8146 6327 3103	✓		
Shipping Documentation Present?	✓		
Shipping Container: Vista / (Client) / Retain / ~~Return~~ / Dispose			
Chain of Custody / Sample Documentation Present?	✓		
Chain of Custody / Sample Documentation Complete?	✓		
Holding Time Acceptable?	✓		

Logged In:	**Date/Time** 06/16/20 0806	**Initials:** WWS	**Location:** R-13, WR-2 **Shelf/Rack:** a-2, a-3, E-4
COC Anomaly/Sample Acceptance Form completed?		NO ✓	NA ✓

Comments:

CoC/Label Reconciliation Report WO# 2001275

LabNumber	CoC Sample ID		SampleAlias	Sample Date/Time		Container	BaseMatrix	Sample Comments
2001275-01	A WC-S-01	☑		11-Jun-20 18:45	☑	HDPE Jar, 6 oz	Solid	
2001275-01	B WC-S-01	☑		11-Jun-20 18:45	☑	HDPE Jar, 6 oz	Solid	

Checkmarks indicate that information on the COC reconciled with the sample label.
Any discrepancies are noted in the following columns.

	Yes	No	NA
Sample Container Intact?	✓		
Sample Custody Seals Intact?			✓
Adequate Sample Volume?	✓		
Container Type Appropriate for Analysis(es)	✓		
Preservation Documented: Na2S2O3 Trizma (None) Other		✓	✓
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			✓

Comments:

Verifed by/Date: WWS 06/16/20