



**Off-Base Drinking Water Sample Results,
Level 2 Laboratory Report, Level 4 Laboratory Report,
Electronic Data Deliverable, Data Validation Report,
and the Sample Location Figure, SDG 1803297**

*Naval Air Station Oceana
Virginia Beach, Virginia*

July 2019

October 25, 2018

Vista Work Order No. 1803297

Mr. Andrew Lairson
CH2M Hill
5701 Cleveland St, Suite 200
Virginia Beach, VA 23462

Dear Mr. Lairson,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on October 11, 2018 under your Project Name '678440.SI.SI.01'.

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 Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.

Vista Work Order No. 1803297

Case Narrative

Sample Condition on Receipt:

Four drinking water 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

The samples were extracted and analyzed for a selected list of PFAS using the PFAS Isotope Dilution Method (Modified EPA Method 537). The results for PFHxS, PFOA and PFOS 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 method hold times.

Quality Control

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

A Method Blank and Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above 1/2 of the LOQ concentrations. The LCS/LCSD recoveries were within the acceptance criteria.

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

QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
1803297-01	OC-RW12-1018	PFAS Isotope Dilution Method	13C5-PFNA	H	49.3
B8J0128-BLK1	B8J0128-BLK1	PFAS Isotope Dilution Method	13C5-PFNA	H	49.3

H = Recovery was outside laboratory acceptance criteria.

TABLE OF CONTENTS

Case Narrative.....	1
Table of Contents.....	3
Sample Inventory.....	4
Analytical Results.....	5
Qualifiers.....	12
Certifications.....	13
Sample Receipt.....	16

Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1803297-01	OC-RW12-1018	10-Oct-18 14:30	11-Oct-18 09:20	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1803297-02	OC-FB12-1018	10-Oct-18 14:32	11-Oct-18 09:20	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1803297-03	OC-RW06-1018	10-Oct-18 15:08	11-Oct-18 09:20	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1803297-04	OC-FB06-1018	10-Oct-18 15:10	11-Oct-18 09:20	HDPE Bottle, 250 mL HDPE Bottle, 250 mL

ANALYTICAL RESULTS

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

Client Data				Laboratory Data							
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	B8J0128-BLK1	Column:	BEH C18				
Project:	678440.SI.SI.01										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.74	4.00	8.00		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
PFHpA	375-85-9	ND	2.74	4.00	8.00		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
PFHxS	355-46-4	ND	2.74	4.00	8.00		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
PFOA	335-67-1	ND	2.74	4.00	8.00		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
PFOS	1763-23-1	ND	2.74	4.00	8.00		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
PFNA	375-95-1	ND	2.74	4.00	8.00		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	61.1	50 - 150		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
13C4-PFHpA	IS	62.5	50 - 150		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
18O2-PFHxS	IS	62.1	50 - 150		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
13C2-PFOA	IS	52.8	50 - 150		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
13C8-PFOS	IS	59.0	50 - 150		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
13C5-PFNA	IS	49.3	50 - 150	H	B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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: LCSD **PFAS Isotope Dilution Method**

Name: CH2M Hill	Lab Sample: B8J0128-BS1/B8J0128-BSD1	Date Extracted: 16-Oct-18	
Project: 678440.SI.SI.01	QC Batch: B8J0128	Column: BEH C18	
Matrix: Aqueous	Samp Size: 0.125/0.125 L		

Analyte	CAS Number	LCS (ng/L)	LCS Spike Amt	LCS % Rec	LCS Quals	LCSD (ng/L)	LCSD Spike Amt	LCSD % Rec	RPD	LCSD Quals	%Rec Limits	RPD Limits	LCS Analyzed	LCS Dil	LCSD Analyzed	LCSD Dil
PFBS	375-73-5	63.5	80.0	79.3		67.7	80.0	84.6	6.43		70-130	30	17-Oct-18 21:10	1	17-Oct-18 21:21	1
PFHpA	375-85-9	63.8	80.0	79.8		70.9	80.0	88.7	10.6		70-130	30	17-Oct-18 21:10	1	17-Oct-18 21:21	1
PFHxS	355-46-4	68.7	80.0	85.8		70.6	80.0	88.3	2.84		70-130	30	17-Oct-18 21:10	1	17-Oct-18 21:21	1
PFOA	335-67-1	66.9	80.0	83.6		71.5	80.0	89.4	6.73		70-130	30	17-Oct-18 21:10	1	17-Oct-18 21:21	1
PFOS	1763-23-1	63.3	80.0	79.2		62.3	80.0	77.9	1.56		70-130	30	17-Oct-18 21:10	1	17-Oct-18 21:21	1
PFNA	375-95-1	62.7	80.0	78.3		68.0	80.0	85.0	8.18		70-130	30	17-Oct-18 21:10	1	17-Oct-18 21:21	1

Labeled Standards	Type	LCS % Rec	LCS Quals	LCSD % Rec	LCSD Quals	Limits	LCS Analyzed	LCS Dil	LCSD Analyzed	LCSD Dil
13C3-PFBS	IS	60.6		96.0		50-150	17-Oct-18 21:10	1	17-Oct-18 21:21	1
13C4-PFHpA	IS	63.9		87.0		50-150	17-Oct-18 21:10	1	17-Oct-18 21:21	1
18O2-PFHxS	IS	62.0		90.1		50-150	17-Oct-18 21:10	1	17-Oct-18 21:21	1
13C2-PFOA	IS	56.9		78.8		50-150	17-Oct-18 21:10	1	17-Oct-18 21:21	1
13C8-PFOS	IS	61.1		98.7		50-150	17-Oct-18 21:10	1	17-Oct-18 21:21	1
13C5-PFNA	IS	50.2		72.7		50-150	17-Oct-18 21:10	1	17-Oct-18 21:21	1

Sample ID: OC-RW12-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803297-01	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	10-Oct-18 14:30	Date Received:	11-Oct-18 09:20		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.98	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
PFHpA	375-85-9	ND	2.98	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
PFHxS	355-46-4	ND	2.98	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
PFOA	335-67-1	ND	2.98	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
PFOS	1763-23-1	ND	2.98	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
PFNA	375-95-1	ND	2.98	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	60.9	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
13C4-PFHpA	IS	57.6	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
18O2-PFHxS	IS	58.6	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
13C2-PFOA	IS	50.9	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
13C8-PFOS	IS	58.9	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
13C5-PFNA	IS	49.3	50 - 150	H	B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1

DL - Detection Limit

LOD - Limit of Detection

LOQ - Limit of quantitation

Results reported to the DL.

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: OC-FB12-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803297-02	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	10-Oct-18 14:32	Date Received:	11-Oct-18 09:20		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.91	4.24	8.50		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
PFHpA	375-85-9	ND	2.91	4.24	8.50		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
PFHxS	355-46-4	ND	2.91	4.24	8.50		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
PFOA	335-67-1	ND	2.91	4.24	8.50		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
PFOS	1763-23-1	ND	2.91	4.24	8.50		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
PFNA	375-95-1	ND	2.91	4.24	8.50		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	73.0	50 - 150		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
13C4-PFHpA	IS	65.0	50 - 150		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
18O2-PFHxS	IS	63.4	50 - 150		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
13C2-PFOA	IS	59.2	50 - 150		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
13C8-PFOS	IS	74.9	50 - 150		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
13C5-PFNA	IS	52.3	50 - 150		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1

DL - Detection Limit

LOD - Limit of Detection

LOQ - Limit of quantitation

Results reported to the DL.

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: OC-RW06-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803297-03	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	10-Oct-18 15:08	Date Received:	11-Oct-18 09:20		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	3.76	2.97	4.35	8.69	J	B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
PFHpA	375-85-9	14.6	2.97	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
PFHxS	355-46-4	19.9	2.97	4.35	8.69	Q	B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
PFOA	335-67-1	44.6	2.97	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
PFOS	1763-23-1	85.4	2.97	4.35	8.69	Q	B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
PFNA	375-95-1	5.87	2.97	4.35	8.69	J	B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	64.9	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
13C4-PFHpA	IS	60.4	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
18O2-PFHxS	IS	60.4	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
13C2-PFOA	IS	56.3	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
13C8-PFOS	IS	63.7	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
13C5-PFNA	IS	53.6	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1

DL - Detection Limit

LOD - Limit of Detection

LOQ - Limit of quantitation

Results reported to the DL.

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: OC-FB06-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803297-04	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	10-Oct-18 15:10	Date Received:	11-Oct-18 09:20		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.92	4.27	8.54		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
PFHpA	375-85-9	ND	2.92	4.27	8.54		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
PFHxS	355-46-4	ND	2.92	4.27	8.54		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
PFOA	335-67-1	ND	2.92	4.27	8.54		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
PFOS	1763-23-1	ND	2.92	4.27	8.54		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
PFNA	375-95-1	ND	2.92	4.27	8.54		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	83.3	50 - 150		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
13C4-PFHpA	IS	80.5	50 - 150		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
18O2-PFHxS	IS	81.2	50 - 150		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
13C2-PFOA	IS	71.2	50 - 150		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
13C8-PFOS	IS	81.2	50 - 150		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
13C5-PFNA	IS	63.6	50 - 150		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1

DL - Detection Limit

LOD - Limit of Detection

LOQ - Limit of quantitation

Results reported to the DL.

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
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
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limits of Detection
LOQ	Limits of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
NA	Not applicable
ND	Not Detected
Q	Ion ratio outside of 70-130% of Standard Ratio. (DOD PFAS projects only)
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.

CERTIFICATIONS

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	18-008-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-18
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2018017
Minnesota Department of Health	1322288
New Hampshire Environmental Accreditation Program	207717
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-009
Pennsylvania Department of Environmental Protection	014
Texas Commission on Environmental Quality	T104704189-18-8
Virginia Department of General Services	9077
Washington Department of Ecology	C584
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

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
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537

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
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



CHAIN OF CUSTODY

For Laboratory Use Only
 Work Order #: 1803297 Temp: 0.9 °C
 Storage ID: WQ-2 Storage Secured: Yes No

Project ID: 678440.SI.SI.01 PO#: _____ Sampler: M WITMER/A LAIRSON
 (name)

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

Invoice to: Name JULIANA DEAN Company CHEM/JACOBS Address 5701 CLEVELAND ST SUITE 200 City VIRGINIA BEACH State VA Ph# _____ Fax# _____

Relinquished by (printed name and signature) MIKE WITMER Date 10/10/18 Time 1630 Received by (printed name and signature) KIM ERIC Date 10/11/18 Time 0930

SHIP TO: Vista Analytical Laboratory 1104 Windfield Way El Dorado Hills, CA 95762 Ph: (916) 673-1520; Fax: (916) 673-0106				Method of Shipment: <u>FEDEX</u>		Add Analysis(es) Requested		PFAS Isotope Dilution		USEPA Method 537		Comments			
ATTN: <u>MARTHA WITMER</u>				Tracking No.: _____		Container(s)									
Sample ID	Date	Time	Location/Sample Description	Quantity	Type	Matrix	List of 21	List of 21 w/Isomers	List of 24	List of 24 w/Isomers	List of 28	Other: Please List Below	PFOM/PPOS	UCMR3 PFAS List 6	PFAS List 14
<u>OC-RW12-1018</u>	<u>10/10/18</u>	<u>1430</u>		<u>2</u>	<u>P</u>	<u>OW</u>							<u>X</u>		
<u>OC-FB12-1018</u>	<u>1</u>	<u>1432</u>		<u>2</u>	<u>P</u>	<u>DN</u>							<u>X</u>		
<u>OC-RW06-1018</u>	<u>1</u>	<u>1508</u>		<u>2</u>	<u>P</u>	<u>DN</u>							<u>X</u>		
<u>OC-FB06-1018</u>	<u>1</u>	<u>1510</u>		<u>2</u>	<u>P</u>	<u>DN</u>							<u>X</u>		

Special Instructions/Comments:

SEND DOCUMENTATION AND RESULTS TO:
 Name: ANDREW LAIRSON
 Company: CHEM/JACOBS
 Address: 5701 CLEVELAND ST SUITE 200
 City: VA BEACH State: VA Zip: 23462
 Phone: 757-671-6277 Fax: _____
 Email: ANDREW.LAIRSON@JACOBS.COM

Container Types: P= HDPE, PJ= HDPE Jar
 O = Other: _____
 Bottle Preservation Type: T = Thiosulfate, 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: _____

Sample Log-In Checklist

Page # 1 of 1

Vista Work Order #: 1803297

TAT 14 days

Samples Arrival:	Date/Time <u>10/11/18 0920</u>	Initials: <u>KE</u>	Location: <u>WR-2</u>
Logged In:	Date/Time <u>10/11/18 1132</u>	Initials: <u>WWS</u>	Location: <u>WR-2</u>
Delivered By:	<input checked="" type="checkbox"/> FedEx	<input type="checkbox"/> UPS	<input type="checkbox"/> On Trac
	<input type="checkbox"/> GSO	<input type="checkbox"/> DHL	<input type="checkbox"/> Hand Delivered
	<input type="checkbox"/> Other		
Preservation:	<input checked="" type="checkbox"/> Ice	<input type="checkbox"/> Blue Ice	<input type="checkbox"/> Dry Ice
	<input type="checkbox"/> None		
Temp °C: <u>1.0</u> (uncorrected)	Probe used: Y / <input checked="" type="checkbox"/> N		Thermometer ID: <u>IR-4</u>
Temp °C: <u>0.9</u> (corrected)			

	YES	NO	NA
Adequate Sample Volume Received?	<u>WWS</u>		
Holding Time Acceptable?	<u>WWS</u>		
Shipping Container(s) Intact?	<u>KE</u>		
Shipping Custody Seals Intact?	<u>KE</u>		
Shipping Documentation Present?	<u>KE</u>		
Airbill <u>PRIORITY OVERNIGHT</u> Trk # <u>7734 4511 4250</u>	<u>KE</u>		
Sample Container Intact?	<u>WWS</u>		
Sample Custody Seals Intact?			<u>WWS</u>
Chain of Custody / Sample Documentation Present?			
COC Anomaly/Sample Acceptance Form completed?		<u>WWS</u>	<u>WWS</u>
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			<u>WWS</u>
Preservation Documented:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA
	<input type="checkbox"/> Na ₂ S ₂ O ₃	<input type="checkbox"/> Trizma	<input checked="" type="checkbox"/> None
	<input type="checkbox"/> Other		
Shipping Container	<input checked="" type="checkbox"/> Vista	<input type="checkbox"/> Client	<input checked="" type="checkbox"/> Retain
	<input type="checkbox"/> Return	<input type="checkbox"/> Dispose	

Comments: No visible particulates; clear in color

October 25, 2018

Vista Work Order No. 1803297

Mr. Andrew Lairson
CH2M Hill
5701 Cleveland St, Suite 200
Virginia Beach, VA 23462

Dear Mr. Lairson,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on October 11, 2018 under your Project Name '678440.SI.SI.01'.

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 Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.

Vista Work Order No. 1803297

Case Narrative

Sample Condition on Receipt:

Four drinking water 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

The samples were extracted and analyzed for a selected list of PFAS using the PFAS Isotope Dilution Method (Modified EPA Method 537). The results for PFHxS, PFOA and PFOS 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 method hold times.

Quality Control

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

A Method Blank and Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above 1/2 of the LOQ concentrations. The LCS/LCSD recoveries were within the acceptance criteria.

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

QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
1803297-01	OC-RW12-1018	PFAS Isotope Dilution Method	13C5-PFNA	H	49.3
B8J0128-BLK1	B8J0128-BLK1	PFAS Isotope Dilution Method	13C5-PFNA	H	49.3

H = Recovery was outside laboratory acceptance criteria.

TABLE OF CONTENTS

Case Narrative.....	1
Table of Contents.....	3
Sample Inventory.....	4
Analytical Results.....	5
Qualifiers.....	12
Certifications.....	13
Sample Receipt.....	16
Extraction Information.....	18
Sample Data - PFAS Isotope Dilution Method.....	22
IIS Areas, IBs and CCVs.....	67
ICAL with ICV and IB.....	179
Tune Checks.....	401

Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1803297-01	OC-RW12-1018	10-Oct-18 14:30	11-Oct-18 09:20	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1803297-02	OC-FB12-1018	10-Oct-18 14:32	11-Oct-18 09:20	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1803297-03	OC-RW06-1018	10-Oct-18 15:08	11-Oct-18 09:20	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1803297-04	OC-FB06-1018	10-Oct-18 15:10	11-Oct-18 09:20	HDPE Bottle, 250 mL HDPE Bottle, 250 mL

ANALYTICAL RESULTS

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

Client Data				Laboratory Data							
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	B8J0128-BLK1	Column:	BEH C18				
Project:	678440.SI.SI.01										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.74	4.00	8.00		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
PFHpA	375-85-9	ND	2.74	4.00	8.00		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
PFHxS	355-46-4	ND	2.74	4.00	8.00		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
PFOA	335-67-1	ND	2.74	4.00	8.00		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
PFOS	1763-23-1	ND	2.74	4.00	8.00		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
PFNA	375-95-1	ND	2.74	4.00	8.00		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	61.1	50 - 150		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
13C4-PFHpA	IS	62.5	50 - 150		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
18O2-PFHxS	IS	62.1	50 - 150		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
13C2-PFOA	IS	52.8	50 - 150		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
13C8-PFOS	IS	59.0	50 - 150		B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1
13C5-PFNA	IS	49.3	50 - 150	H	B8J0128	16-Oct-18	0.125 L	17-Oct-18 21:31	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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: LCSD

PFAS Isotope Dilution Method

Name:	CH2M Hill	Lab Sample:	B8J0128-BS1/B8J0128-BSD1	Date Extracted:	16-Oct-18
Project:	678440.SI.SI.01	QC Batch:	B8J0128	Column:	BEH C18
Matrix:	Aqueous	Samp Size:	0.125/0.125 L		

Analyte	CAS Number	LCS (ng/L)	LCS Spike Amt	LCS % Rec	LCS Quals	LCSD (ng/L)	LCSD Spike Amt	LCSD % Rec	RPD	LCSD Quals	%Rec Limits	RPD Limits	LCS Analyzed	LCS Dil	LCSD Analyzed	LCSD Dil
PFBS	375-73-5	63.5	80.0	79.3		67.7	80.0	84.6	6.43		70-130	30	17-Oct-18 21:10	1	17-Oct-18 21:21	1
PFHpA	375-85-9	63.8	80.0	79.8		70.9	80.0	88.7	10.6		70-130	30	17-Oct-18 21:10	1	17-Oct-18 21:21	1
PFHxS	355-46-4	68.7	80.0	85.8		70.6	80.0	88.3	2.84		70-130	30	17-Oct-18 21:10	1	17-Oct-18 21:21	1
PFOA	335-67-1	66.9	80.0	83.6		71.5	80.0	89.4	6.73		70-130	30	17-Oct-18 21:10	1	17-Oct-18 21:21	1
PFOS	1763-23-1	63.3	80.0	79.2		62.3	80.0	77.9	1.56		70-130	30	17-Oct-18 21:10	1	17-Oct-18 21:21	1
PFNA	375-95-1	62.7	80.0	78.3		68.0	80.0	85.0	8.18		70-130	30	17-Oct-18 21:10	1	17-Oct-18 21:21	1

Labeled Standards	Type	LCS % Rec	LCS Quals	LCSD % Rec	LCSD Quals	Limits	LCS Analyzed	LCS Dil	LCSD Analyzed	LCSD Dil
13C3-PFBS	IS	60.6		96.0		50-150	17-Oct-18 21:10	1	17-Oct-18 21:21	1
13C4-PFHpA	IS	63.9		87.0		50-150	17-Oct-18 21:10	1	17-Oct-18 21:21	1
18O2-PFHxS	IS	62.0		90.1		50-150	17-Oct-18 21:10	1	17-Oct-18 21:21	1
13C2-PFOA	IS	56.9		78.8		50-150	17-Oct-18 21:10	1	17-Oct-18 21:21	1
13C8-PFOS	IS	61.1		98.7		50-150	17-Oct-18 21:10	1	17-Oct-18 21:21	1
13C5-PFNA	IS	50.2		72.7		50-150	17-Oct-18 21:10	1	17-Oct-18 21:21	1

Sample ID: OC-RW12-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803297-01	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	10-Oct-18 14:30	Date Received:	11-Oct-18 09:20		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.98	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
PFHpA	375-85-9	ND	2.98	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
PFHxS	355-46-4	ND	2.98	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
PFOA	335-67-1	ND	2.98	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
PFOS	1763-23-1	ND	2.98	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
PFNA	375-95-1	ND	2.98	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	60.9	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
13C4-PFHpA	IS	57.6	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
18O2-PFHxS	IS	58.6	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
13C2-PFOA	IS	50.9	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
13C8-PFOS	IS	58.9	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1
13C5-PFNA	IS	49.3	50 - 150	H	B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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: OC-FB12-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803297-02	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	10-Oct-18 14:32	Date Received:	11-Oct-18 09:20		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.91	4.24	8.50		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
PFHpA	375-85-9	ND	2.91	4.24	8.50		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
PFHxS	355-46-4	ND	2.91	4.24	8.50		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
PFOA	335-67-1	ND	2.91	4.24	8.50		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
PFOS	1763-23-1	ND	2.91	4.24	8.50		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
PFNA	375-95-1	ND	2.91	4.24	8.50		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	73.0	50 - 150		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
13C4-PFHpA	IS	65.0	50 - 150		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
18O2-PFHxS	IS	63.4	50 - 150		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
13C2-PFOA	IS	59.2	50 - 150		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
13C8-PFOS	IS	74.9	50 - 150		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1
13C5-PFNA	IS	52.3	50 - 150		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52	1

DL - Detection Limit

LOD - Limit of Detection

LOQ - Limit of quantitation

Results reported to the DL.

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: OC-RW06-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803297-03	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	10-Oct-18 15:08	Date Received:	11-Oct-18 09:20		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	3.76	2.97	4.35	8.69	J	B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
PFHpA	375-85-9	14.6	2.97	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
PFHxS	355-46-4	19.9	2.97	4.35	8.69	Q	B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
PFOA	335-67-1	44.6	2.97	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
PFOS	1763-23-1	85.4	2.97	4.35	8.69	Q	B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
PFNA	375-95-1	5.87	2.97	4.35	8.69	J	B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	64.9	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
13C4-PFHpA	IS	60.4	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
18O2-PFHxS	IS	60.4	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
13C2-PFOA	IS	56.3	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
13C8-PFOS	IS	63.7	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1
13C5-PFNA	IS	53.6	50 - 150		B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03	1

DL - Detection Limit

LOD - Limit of Detection

LOQ - Limit of quantitation

Results reported to the DL.

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: OC-FB06-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803297-04	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	10-Oct-18 15:10	Date Received:	11-Oct-18 09:20		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.92	4.27	8.54		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
PFHpA	375-85-9	ND	2.92	4.27	8.54		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
PFHxS	355-46-4	ND	2.92	4.27	8.54		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
PFOA	335-67-1	ND	2.92	4.27	8.54		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
PFOS	1763-23-1	ND	2.92	4.27	8.54		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
PFNA	375-95-1	ND	2.92	4.27	8.54		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	83.3	50 - 150		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
13C4-PFHpA	IS	80.5	50 - 150		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
18O2-PFHxS	IS	81.2	50 - 150		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
13C2-PFOA	IS	71.2	50 - 150		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
13C8-PFOS	IS	81.2	50 - 150		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1
13C5-PFNA	IS	63.6	50 - 150		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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
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
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limits of Detection
LOQ	Limits of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
NA	Not applicable
ND	Not Detected
Q	Ion ratio outside of 70-130% of Standard Ratio. (DOD PFAS projects only)
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.

CERTIFICATIONS

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	18-008-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-18
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2018017
Minnesota Department of Health	1322288
New Hampshire Environmental Accreditation Program	207717
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-009
Pennsylvania Department of Environmental Protection	014
Texas Commission on Environmental Quality	T104704189-18-8
Virginia Department of General Services	9077
Washington Department of Ecology	C584
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

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
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537

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
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



CHAIN OF CUSTODY

For Laboratory Use Only
 Work Order #: 1803297 Temp: 0.9 °C
 Storage ID: WQ-2 Storage Secured: Yes No

Project ID: 678440.SI.SI.01 PO#: _____ Sampler: M WITMER/A LAIRSON
 (name)

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

Invoice to: Name JULIANA DEAN Company CHEM/JACOBS Address 5701 CLEVELAND ST SUITE 200 City VIRGINIA BEACH State VA Ph# _____ Fax# _____

Relinquished by (printed name and signature) MIKE WITMER Date 10/10/18 Time 1630 Received by (printed name and signature) KIM ERIC Date 10/11/18 Time 0930

SHIP TO: Vista Analytical Laboratory 1104 Windfield Way El Dorado Hills, CA 95762 Ph: (916) 673-1520; Fax: (916) 673-0106				Method of Shipment: <u>FEDEX</u>		Add Analysis(es) Requested							PFAS Isotope Dilution			USEPA Method 537		Comments
ATTN: <u>MARTHA WITMER</u>				Tracking No.: _____		Container(s)												
Sample ID	Date	Time	Location/Sample Description	Quantity	Type	Matrix	List of 21	List of 21 w/Isomers	List of 24	List of 24 w/Isomers	List of 28	Other: Please List Below	PFOA/PFOS	UNR3 PFAS List 6	PFAS List 14			
<u>OC-RW12-1018</u>	<u>10/10/18</u>	<u>1430</u>		<u>2</u>	<u>P</u>	<u>OW</u>							<u>X</u>					
<u>OC-FB12-1018</u>	<u>1</u>	<u>1432</u>		<u>2</u>	<u>P</u>	<u>DN</u>							<u>X</u>					
<u>OC-RW06-1018</u>	<u>1</u>	<u>1508</u>		<u>2</u>	<u>P</u>	<u>DN</u>							<u>X</u>					
<u>OC-FB06-1018</u>	<u>1</u>	<u>1510</u>		<u>2</u>	<u>P</u>	<u>DN</u>							<u>X</u>					

Special Instructions/Comments:

SEND DOCUMENTATION AND RESULTS TO:
 Name: ANDREW LAIRSON
 Company: CHEM/JACOBS
 Address: 5701 CLEVELAND ST SUITE 200
 City: VA BEACH State: VA Zip: 23462
 Phone: 757-671-6277 Fax: _____
 Email: ANDREW.LAIRSON@JACOBS.COM

Container Types: P= HDPE, PJ= HDPE Jar
 O = Other: _____
 Bottle Preservation Type: T = Thiosulfate, 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: _____

Sample Log-In Checklist

Page # 1 of 1

Vista Work Order #: 1803297

TAT 14 days

Samples Arrival:	Date/Time <u>10/11/18 0920</u>	Initials: <u>KE</u>	Location: <u>WR-2</u>
Logged In:	Date/Time <u>10/11/18 1132</u>	Initials: <u>WWS</u>	Location: <u>WR-2</u>
Delivered By:	<input checked="" type="checkbox"/> FedEx	<input type="checkbox"/> UPS	<input type="checkbox"/> On Trac
	<input type="checkbox"/> GSO	<input type="checkbox"/> DHL	<input type="checkbox"/> Hand Delivered
	<input type="checkbox"/> Other		
Preservation:	<input checked="" type="checkbox"/> Ice	<input type="checkbox"/> Blue Ice	<input type="checkbox"/> Dry Ice
	<input type="checkbox"/> None		
Temp °C: <u>1.0</u> (uncorrected)	Probe used: Y / <input checked="" type="checkbox"/> N		Thermometer ID: <u>IR-4</u>
Temp °C: <u>0.9</u> (corrected)			

	YES	NO	NA
Adequate Sample Volume Received?	<u>WWS</u>		
Holding Time Acceptable?	<u>WWS</u>		
Shipping Container(s) Intact?	<u>KE</u>		
Shipping Custody Seals Intact?	<u>KE</u>		
Shipping Documentation Present?	<u>KE</u>		
Airbill <u>PRIORITY OVERNIGHT</u> Trk # <u>7734 4511 4250</u>	<u>KE</u>		
Sample Container Intact?	<u>WWS</u>		
Sample Custody Seals Intact?			<u>WWS</u>
Chain of Custody / Sample Documentation Present?			
COC Anomaly/Sample Acceptance Form completed?		<u>WWS</u>	<u>WWS</u>
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			<u>WWS</u>
Preservation Documented:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA
	<input type="checkbox"/> Na ₂ S ₂ O ₃	<input type="checkbox"/> Trizma	<input checked="" type="checkbox"/> None
	<input type="checkbox"/> Other		
Shipping Container	<input checked="" type="checkbox"/> Vista	<input type="checkbox"/> Client	<input checked="" type="checkbox"/> Retain
	<input type="checkbox"/> Return	<input type="checkbox"/> Dispose	

Comments: No visible particulates; clear in color

EXTRACTION INFORMATION

Process Sheet
 Workorder: **1803297**

Prep Expiration: 2018-Oct-24
 Client: CH2M Hill

Workorder Due: **25-Oct-18 00:00**

TAT: 14

Method: **537M PFAS DOD (LOQ as mRL)**
 Matrix: **Aqueous**

Prep Batch: B850128

Version: UCMR 3 (6 Analyte)
 DoD: DoD QSM 5.1

Prep Data Entered: 10/17/18 -C
Date and Initials

Initial Sequence: S850052

LabSampID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
1803297-01	"A"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	OC-RW12-1018		WR-2 A-3	HDPE Bottle, 125 mL
1803297-02	↓	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	OC-FB12-1018		WR-2 A-3	HDPE Bottle, 125 mL
1803297-03	↓	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	OC-RW06-1018		WR-2 A-3	HDPE Bottle, 125 mL
1803297-04	↓	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	OC-FB06-1018		WR-2 A-3	HDPE Bottle, 125 mL

WO Comments: List of 6, include Total PFOA.

Pre-Prep Check Out: 10-15-18 ajr

Prep Check Out: JB 10/16/18

Prep Reconciled Initials/Date: recorced; not recorded. DM 10/16/18

Pre-Prep Check In: 10-15-18 ajr

Prep Check In: NA

Spike Reconciled Initials/Date: CD 10/16/18

VialBoxID: Fens

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 537M PFAS DOD (LOQ as mRL)

B8J0128

Chemist: AE

Prep Date: 10/16/18

Prep Time: 08:30

Prepared using: LCMS - SPE Extraction-LCMS

		Date/Initials: <u>10-15-18 epj</u>				BalanceID: <u>HRMS-8</u>					
Cen	VISTA Sample ID	pH Before	pH After	Chlorine (Cl)	Drops HCl Added	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE	RS CHEM/WIT DATE
<input type="checkbox"/>	B8J0128-BLK1 [Ⓟ]	5	2	0	2	N/A	N/A	(0.125)	AE <u>10/16/18</u>	<u>10/16/18</u>	<u>10/16/18</u>
<input type="checkbox"/>	B8J0128-BS1	5	2	0	2	↓	↓	(0.125)			
<input type="checkbox"/>	B8J0128-BSD1	5	2	0	2	↓	↓	(0.125)			
<input type="checkbox"/>	1803297-01	7	2	0	3	142.01	26.95	0.11506 ✓			
<input type="checkbox"/>	1803297-02	5	2	0	2	144.46	26.79	0.11767 ✓			
<input type="checkbox"/>	1803297-03	6	2	0	2	142.02	26.89	0.11513 ✓			
<input type="checkbox"/>	1803297-04	5	2	0	2	144.06	26.94	0.11712 ✓			
<input type="checkbox"/>	1803322-01	6	2	0	3	144.25	26.69	0.11752			
<input type="checkbox"/>	1803322-02	6	2	0	3	146.76	26.68	0.12008			
<input type="checkbox"/>	1803322-03	6	2	0	2	141.98	27.00	0.11498			
<input type="checkbox"/>	1803322-04	6	2	0	3	145.74	26.83	0.11891			

IS: <u>18H1301, 10 mL</u> [Ⓟ] IS SUP: <u>NA</u> NS: <u>18H1304, 10 mL</u> [Ⓟ] RS: <u>18H1302, 10 mL</u> [Ⓟ]	SPE Chem: <u>Strata X-AW 33 μm</u> ^{200 mg} _{6 mL} Ele SOLV: <u>MeOH/0.5% NH₄OH in MeOH</u> Final Volume(s) <u>1 mL</u>	Notes: <u>@ Supelco Enrich used lot # 10262101</u> [Ⓟ] <u>10/16/18</u>
---	--	---

Comments: Assume 1 g = 1 mL
Cen = Centrifuged

Batch: B8J0128

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
1803297-01	0.11506 ✓	NSA	NSA	1000	16-Oct-18 08:30	AME			Drinking Water	537M PFAS DOD (LOQ as
1803297-02	0.11767 ✓	↑	↑	1000	16-Oct-18 08:30	AME			Drinking Water	537M PFAS DOD (LOQ as
1803297-03	0.11513 ✓	↓	↓	1000	16-Oct-18 08:30	AME			Drinking Water	537M PFAS DOD (LOQ as
1803297-04	0.11712 ✓	↓	↓	1000	16-Oct-18 08:30	AME			Drinking Water	537M PFAS DOD (LOQ as
1803322-01	0.11756 ✓	↓	↓	1000	16-Oct-18 08:30	AME			Aqueous	537M PFAS DOD (LOQ as
1803322-02	0.12008 ✓	↓	↓	1000	16-Oct-18 08:30	AME			Aqueous	537M PFAS DOD (LOQ as
1803322-03	0.11498 ✓	↓	↓	1000	16-Oct-18 08:30	AME			Aqueous	537M PFAS DOD (LOQ as
1803322-04	0.11891 ✓	↓	↓	1000	16-Oct-18 08:30	AME			Aqueous	537M PFAS DOD (LOQ as
B8J0128-BLK1	0.125 ✓			1000	16-Oct-18 08:30	AME				QC
B8J0128-BS1	0.125 ✓			1000	16-Oct-18 08:30	AME	18H1304 ✓	10 ✓		QC
B8J0128-BSD1	0.125 ✓			1000	16-Oct-18 08:30	AME	18H1304 ✓	10 ✓		QC

10/17/18

Sample Data – PFAS Isotope Dilution Method

Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\1801017M3-18.qld

Last Altered: Thursday, October 18, 2018 13:41:41 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:42:10 Pacific Daylight Time

Name: 181017M3_18, Date: 17-Oct-2018, Time: 21:31:33, ID: B8J0128-BLK1 Method Blank 0.125, Description: Method Blank

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	4.13e1	4.36e3	0.125	0.000	1.04	1.02	0.118	0.1427			
2	2 PFPeA	263.1 > 218.9		5.80e3	0.125		2.19						
3	3 PFBS	299.0 > 79.7		8.67e2	0.125		2.57						
4	5 PFHxA	313 > 269		4.20e3	0.125		3.16						
5	7 PFHpA	363.0 > 318.9		5.53e3	0.125		3.85						
6	36 13C3-PFBA	216.1 > 171.8	4.36e3	9.38e3	0.125	0.465	1.35	1.03	5.82	61.9259	61.9		
7	37 13C3-PFPeA	266. > 221.8	5.80e3	2.01e4	0.125	0.288	2.34	2.19	3.60	56.5139	56.5		
8	38 13C3-PFBS	302. > 98.8	8.67e2	2.66e3	0.125	0.326	2.63	2.57	4.07	61.0872	61.1		
9	40 13C2-PFHxA	315 > 270	4.20e3	2.01e4	0.125	0.521	3.12	3.16	2.61	23.8076	59.5		
10	41 13C4-PFHpA	367.2 > 321.8	5.53e3	2.01e4	0.125	0.275	3.75	3.85	3.43	62.4552	62.5		
11	-1												
12	8 L-PFHxS	398.9 > 79.6	3.73e0	7.40e2	0.125	0.000	4.03	4.00	0.0631			2.408	YES
13	68 Total PFHxS	398.9 > 79.6	3.73e0	7.40e2	0.125		4.05		0.000				
14	10 6:2 FTS	427.1 > 407		1.64e3	0.125		4.22						
15	11 L-PFOA	412.8 > 368.9		9.22e3	0.125		4.30						
16	69 Total PFOA	412.8 > 368.9	0.00e0	9.22e3	0.125		4.00		0.000				
17	42 18O2-PFHxS	403.0 > 102.6	7.40e2	2.66e3	0.125	0.278	3.90	4.02	3.48	62.1185	62.1		
18	42 18O2-PFHxS	403.0 > 102.6	7.40e2	2.66e3	0.125	0.278	3.90	4.02	3.48	62.1185	62.1		
19	43 13C2-6:2 FTS	429.1 > 408.9	1.64e3	2.98e3	0.125	0.549	4.22	4.31	6.87	59.2106	59.2		
20	44 13C2-PFOA	414.9 > 369.7	9.22e3	2.55e4	0.125	0.362	4.27	4.36	4.52	52.7504	52.8		
21	44 13C2-PFOA	414.9 > 369.7	9.22e3	2.55e4	0.125	0.362	4.27	4.36	4.52	52.7504	52.8		
22	-1												
23	14 PFNA	463.0 > 418.8	3.00e1	8.21e3	0.125	0.000	4.71	4.81	0.0457	0.0139		23.770	YES
24	15 PFOSA	497.9 > 77.9		9.74e2	0.125		4.77						
25	16 L-PFOS	498.9 > 79.9	1.06e1	1.81e3	0.125	0.000	4.93	4.79	0.0730	0.5437		4.641	YES
26	70 Total PFOS	498.9 > 79.9	1.06e1	1.81e3	0.125		4.60		0.0730	0.5437			
27	18 PFDA	513 > 468.8	2.82e1	7.07e3	0.125	0.000	5.08	5.20	0.0498			2.202	YES
28	45 13C5-PFNA	468.2 > 422.9	8.21e3	1.79e4	0.125	0.459	4.71	4.80	5.74	49.2814	49.3		H
29	46 13C8-PFOSA	506.1 > 77.7	9.74e2	2.52e4	0.125	0.0387	4.77	4.84	0.484	30.9183	30.9		H
30	47 13C8-PFOS	507.0 > 79.9	1.81e3	2.98e3	0.125	0.609	4.79	4.90	7.62	59.0308	59.0		
31	47 13C8-PFOS	507.0 > 79.9	1.81e3	2.98e3	0.125	0.609	4.79	4.90	7.62	59.0308	59.0		
32	48 13C2-PFDA	515.1 > 469.9	7.07e3	2.16e4	0.125	0.328	5.08	5.20	4.10	41.5071	41.5		H
33	-1												
34	19 8:2 FTS	527 > 506.9		1.33e3	0.125		5.06						
35	25 PFUDa	563.0 > 518.9	7.38e1	8.60e3	0.125	0.000	5.58	5.54	0.107	0.1101		8.377	NO
36	26 PFDS	598.8 > 79.9		1.81e3	0.125		5.45						GM 10/18/2018

Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\1801017M3-18.qld

Last Altered: Thursday, October 18, 2018 13:41:41 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:42:10 Pacific Daylight Time

Name: 181017M3_18, Date: 17-Oct-2018, Time: 21:31:33, ID: B8J0128-BLK1 Method Blank 0.125, Description: Method Blank

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	27 PFDoA	612.9 > 569.0		7.59e3	0.125		5.70						
38	29 PFTrDA	662.9 > 618.9		7.59e3	0.125		5.94						
39	49 13C2-8:2 FTS	529.1 > 508.7	1.33e3	2.98e3	0.125	0.446	5.06	5.16	5.57	60.3132	60.3		
40	51 13C2-PFUdA	565 > 519.8	8.60e3	2.52e4	0.125	0.342	5.41	5.53	4.27	37.7922	37.8		H
41	47 13C8-PFOS	507.0 > 79.9	1.81e3	2.98e3	0.125	0.609	4.79	4.90	7.62	59.0308	59.0		
42	53 13C2-PFDoA	615.0 > 569.7	7.59e3	2.16e4	0.125	0.352	5.69	5.83	4.40	36.0425	36.0		H
43	53 13C2-PFDoA	615.0 > 569.7	7.59e3	2.16e4	0.125	0.352	5.69	5.83	4.40	36.0425	36.0		
44	-1												
45	30 PFTeDA	712.8 > 669.0		5.24e3	0.125		6.16						
46	73 TCDA	498.3>106.9			0.125		5.15						
47	60 13C4-PFBA	217. > 172	9.38e3	9.38e3	0.125	1.00	1.35	1.03	12.5	100.0000	100.0		
48	61 13C5-PFHxA	318 > 272.9	2.01e4	2.01e4	0.125	1.00	3.12	3.16	12.5	100.0000	100.0		
49	62 13C3-PFHxS	401.8 > 79.9	2.66e3	2.66e3	0.125	1.00	3.90	4.01	12.5	100.0000	100.0		
50	55 13C2-PFTeDA	714.8 > 669.6	5.24e3	2.52e4	0.125	0.208	6.16	6.30	2.60	40.2041	40.2		H
51	47 13C8-PFOS	507.0 > 79.9	1.81e3	2.98e3	0.125	0.609	4.79	4.90	7.62	59.0308	59.0		
52	63 13C8-PFOA	420.9 > 376	2.55e4	2.55e4	0.125	1.00	4.27	4.36	12.5	100.0000	100.0		
53	64 13C9-PFNA	472.2 > 426.9	1.79e4	1.79e4	0.125	1.00	4.71	4.80	12.5	100.0000	100.0		
54	65 13C4-PFOS	503 > 79.9	2.98e3	2.98e3	0.125	1.00	4.79	4.90	12.5	100.0000	100.0		
55	-1												
56	66 13C6-PFDA	519.1 > 473.7	2.16e4	2.16e4	0.125	1.00	5.08	5.20	12.5	100.0000	100.0		
57	67 13C7-PFUdA	570.1 > 524.8	2.52e4	2.52e4	0.125	1.00	5.41	5.53	12.5	100.0000	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-18.qld

Last Altered: Thursday, October 18, 2018 13:41:41 Pacific Daylight Time

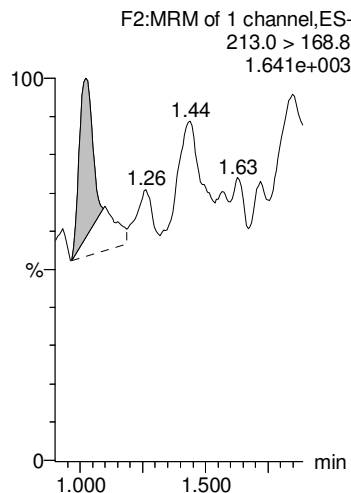
Printed: Thursday, October 18, 2018 13:42:10 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10

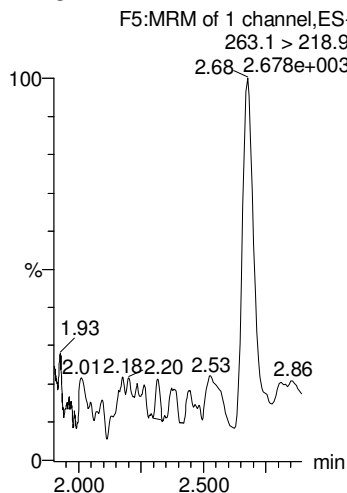
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 13:13:00

Name: 181017M3_18, Date: 17-Oct-2018, Time: 21:31:33, ID: B8J0128-BLK1 Method Blank 0.125, Description: Method Blank

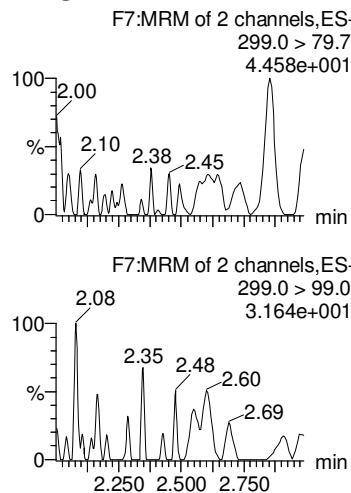
PFBA



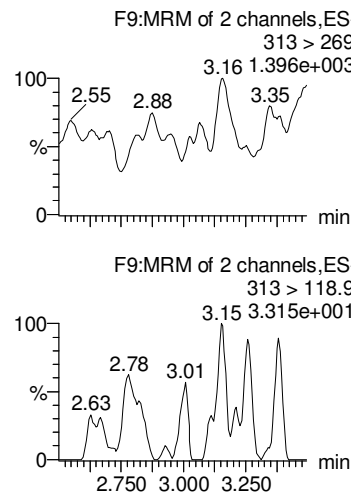
PFPeA



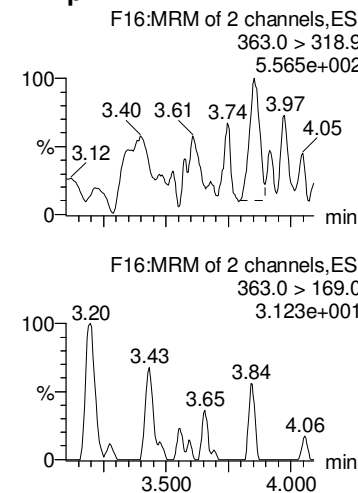
PFBS



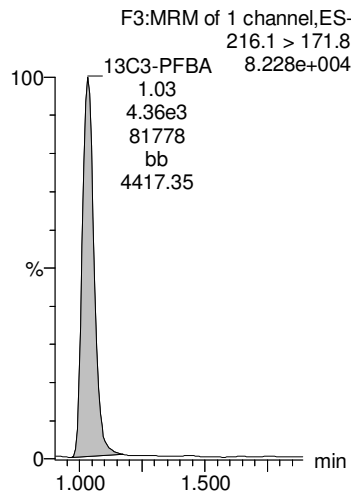
PFHxA



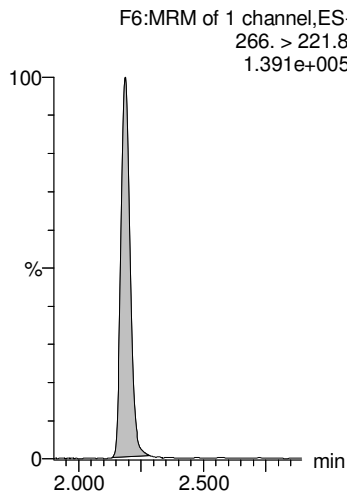
PFHpA



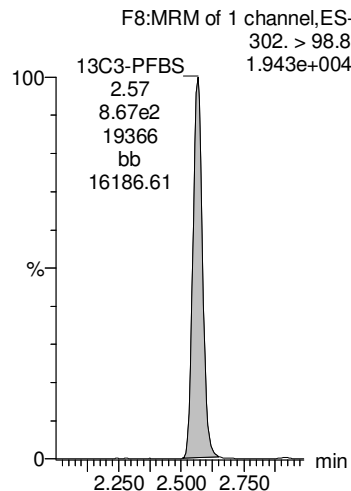
13C3-PFBA



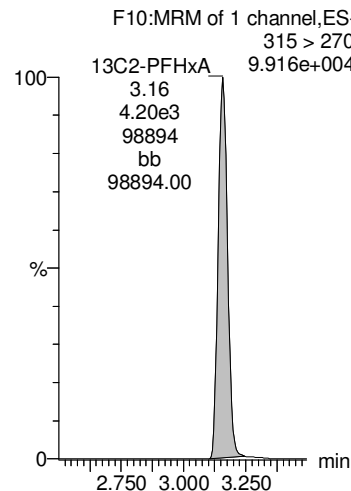
13C3-PFPeA



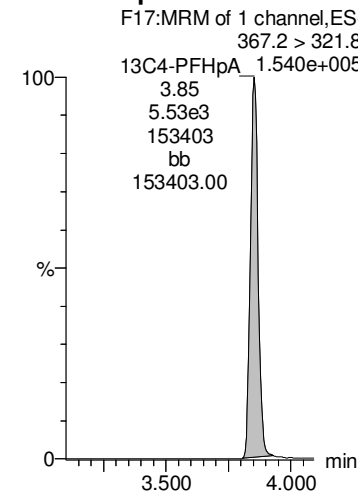
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-18.qld

Last Altered: Thursday, October 18, 2018 13:41:41 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:42:10 Pacific Daylight Time

Name: 181017M3_18, Date: 17-Oct-2018, Time: 21:31:33, ID: B8J0128-BLK1 Method Blank 0.125, Description: Method Blank

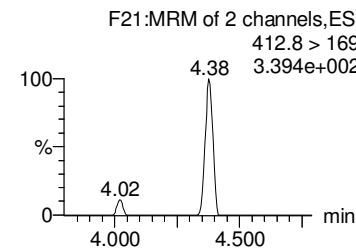
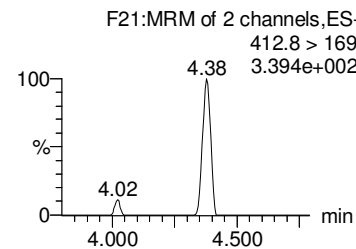
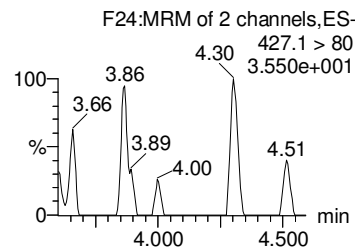
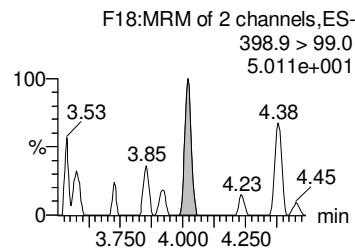
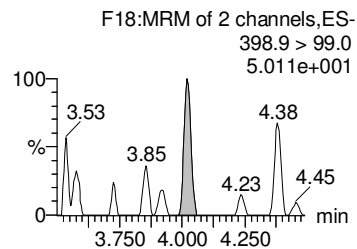
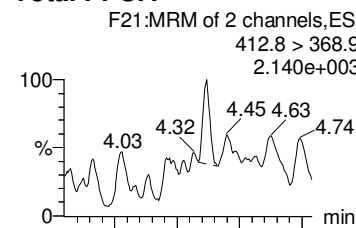
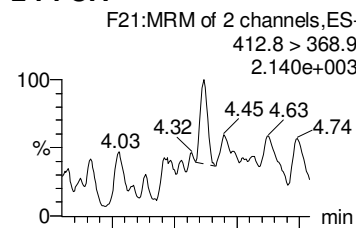
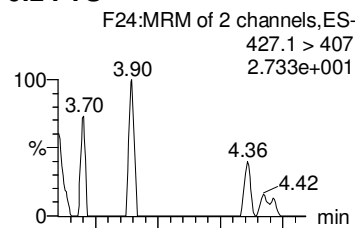
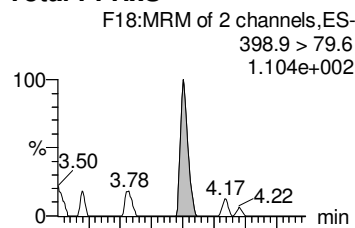
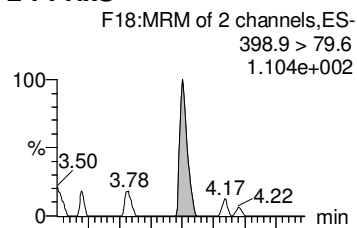
L-PFHxS

Total PFHxS

6:2 FTS

L-PFOA

Total PFOA



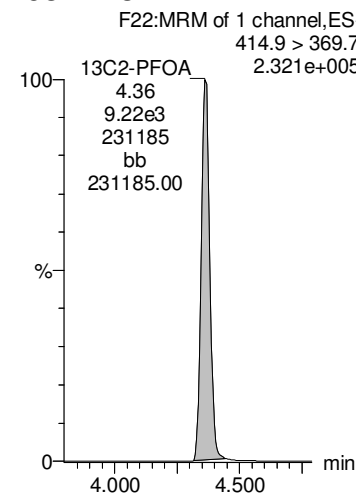
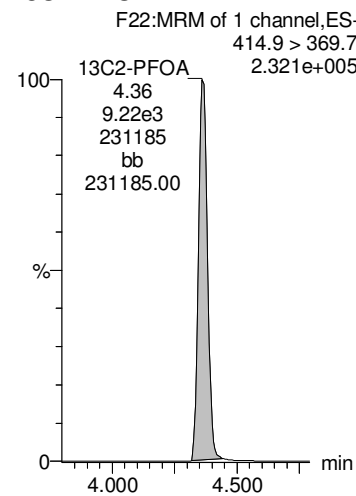
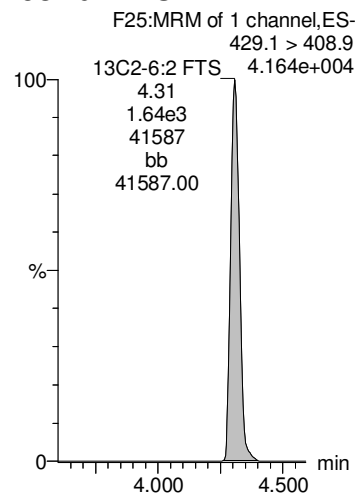
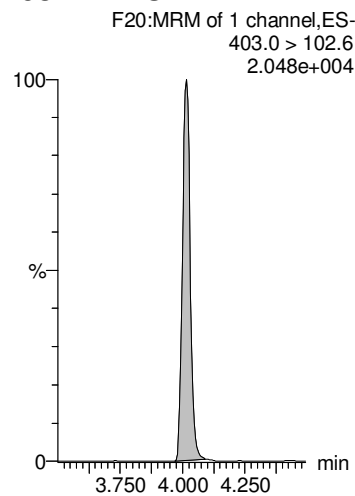
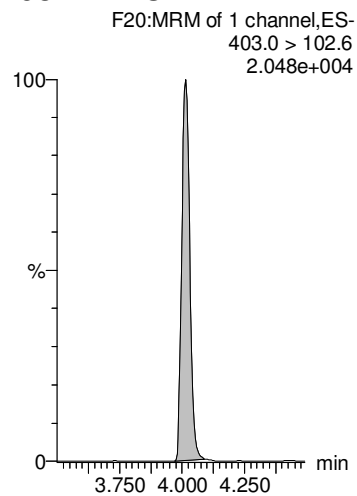
18O2-PFHxS

18O2-PFHxS

13C2-6:2 FTS

13C2-PFOA

13C2-PFOA



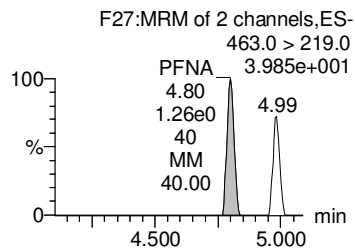
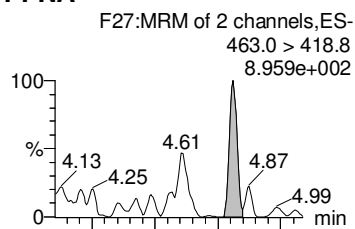
Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-18.qld

Last Altered: Thursday, October 18, 2018 13:41:41 Pacific Daylight Time

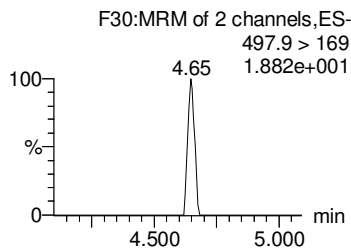
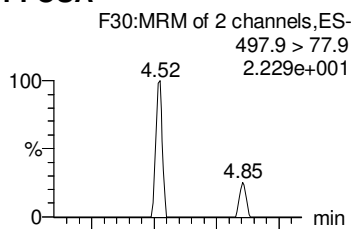
Printed: Thursday, October 18, 2018 13:42:10 Pacific Daylight Time

Name: 181017M3_18, Date: 17-Oct-2018, Time: 21:31:33, ID: B8J0128-BLK1 Method Blank 0.125, Description: Method Blank

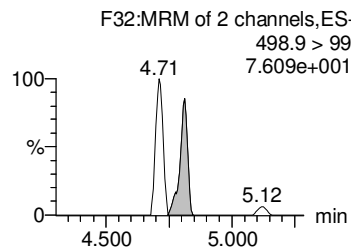
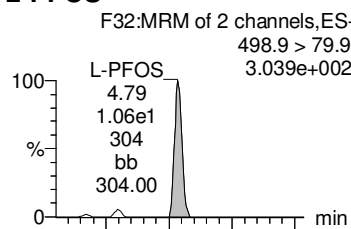
PFNA



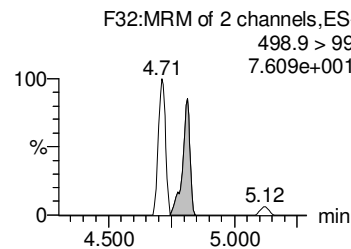
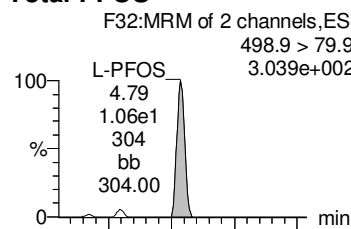
PFOSA



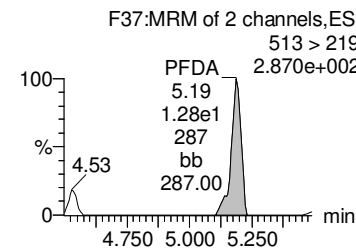
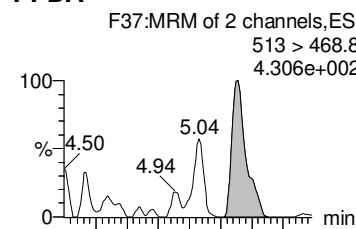
L-PFOS



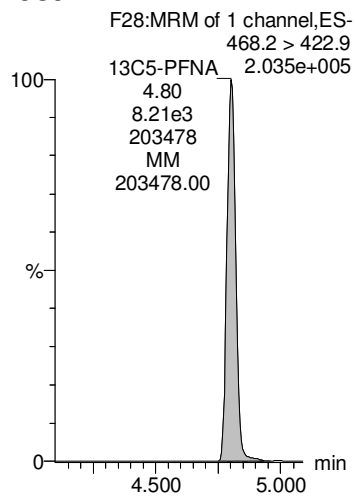
Total PFOS



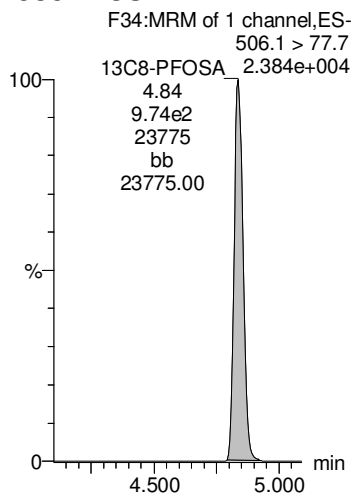
PFDA



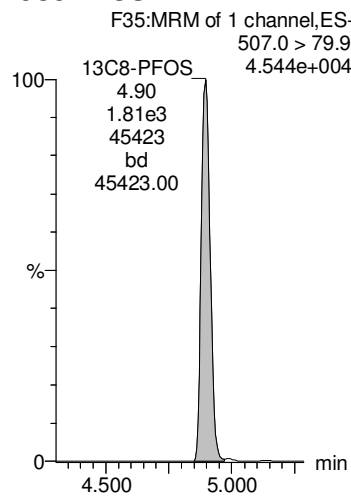
13C5-PFNA



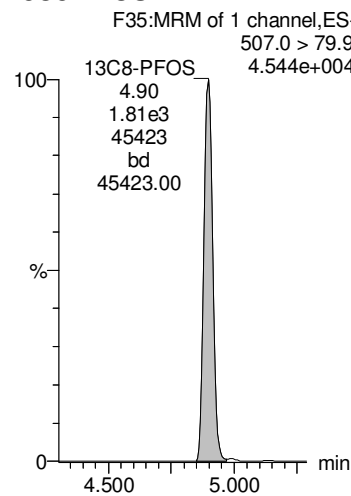
13C8-PFOSA



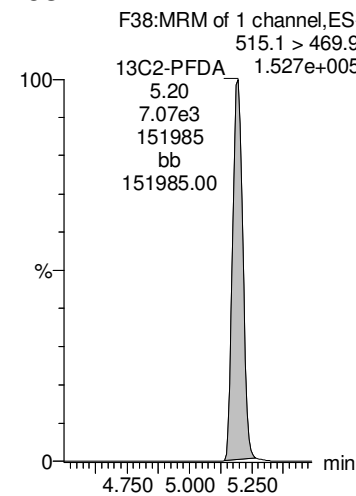
13C8-PFOS



13C8-PFOS



13C2-PFDA



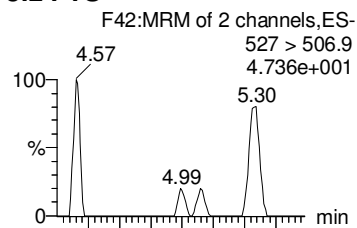
Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-18.qld

Last Altered: Thursday, October 18, 2018 13:41:41 Pacific Daylight Time

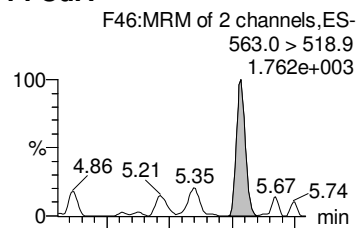
Printed: Thursday, October 18, 2018 13:42:10 Pacific Daylight Time

Name: 181017M3_18, Date: 17-Oct-2018, Time: 21:31:33, ID: B8J0128-BLK1 Method Blank 0.125, Description: Method Blank

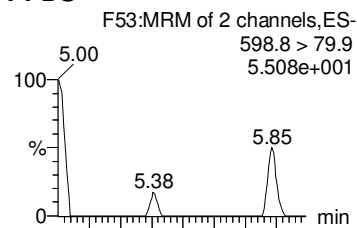
8:2 FTS



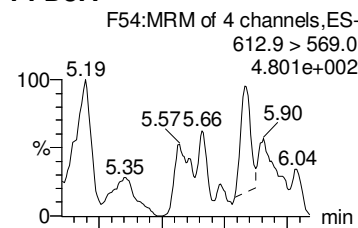
PFUdA



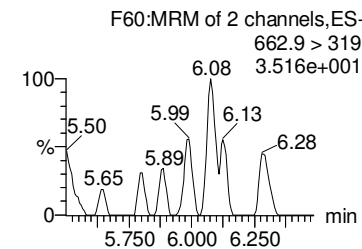
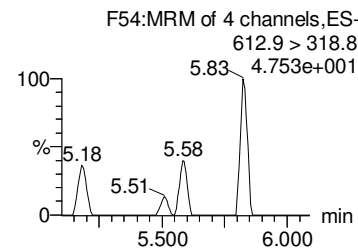
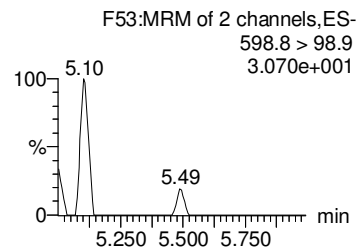
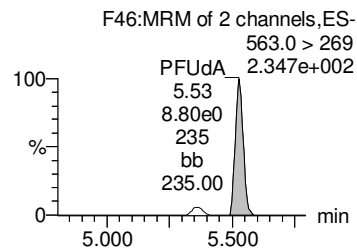
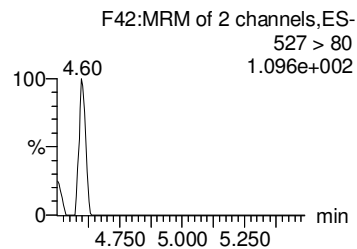
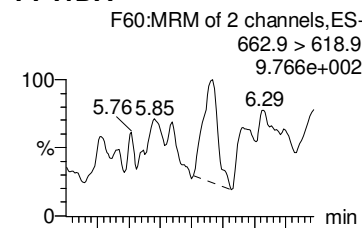
PFDS



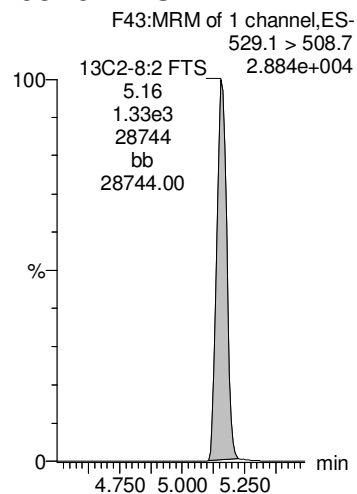
PFD0A



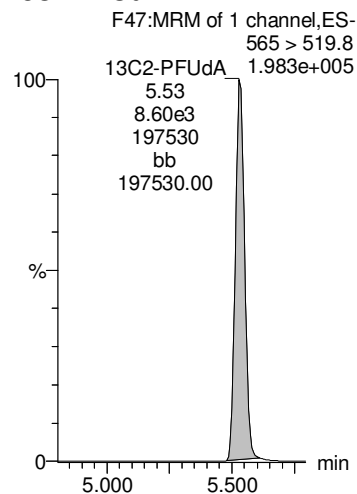
PFTrDA



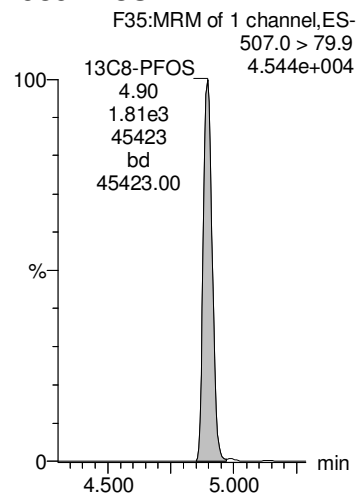
13C2-8:2 FTS



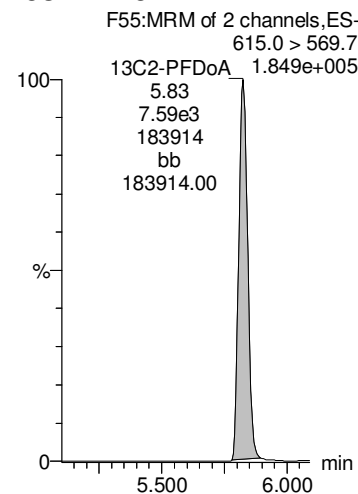
13C2-PFUdA



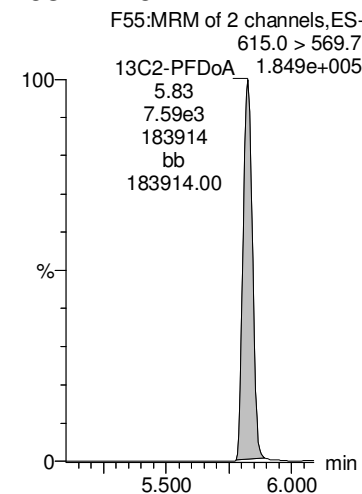
13C8-PFOS



13C2-PFD0A



13C2-PFD0A



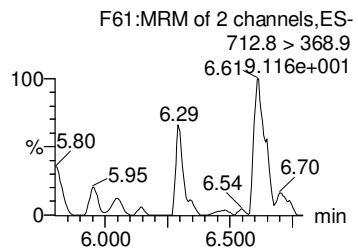
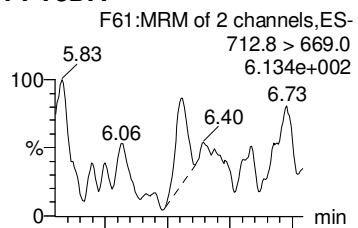
Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-18.qld

Last Altered: Thursday, October 18, 2018 13:41:41 Pacific Daylight Time

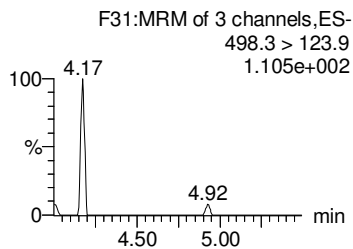
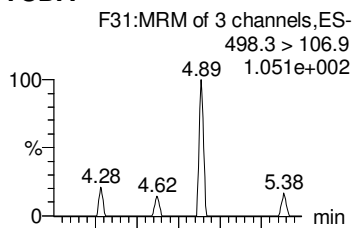
Printed: Thursday, October 18, 2018 13:42:10 Pacific Daylight Time

Name: 181017M3_18, Date: 17-Oct-2018, Time: 21:31:33, ID: B8J0128-BLK1 Method Blank 0.125, Description: Method Blank

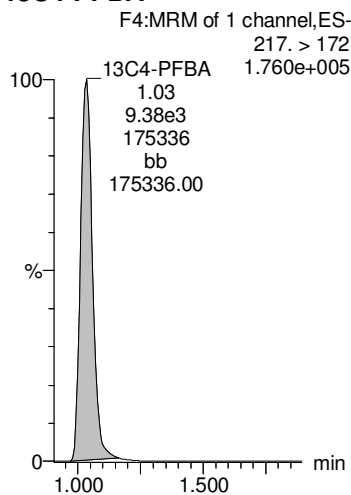
PFTeDA



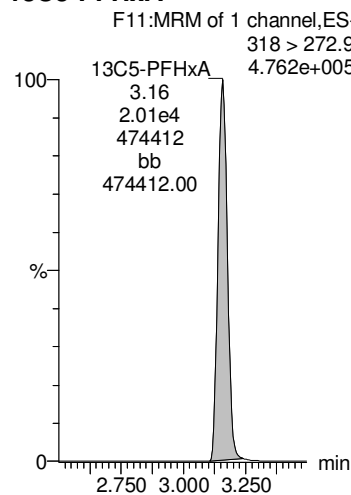
TCDA



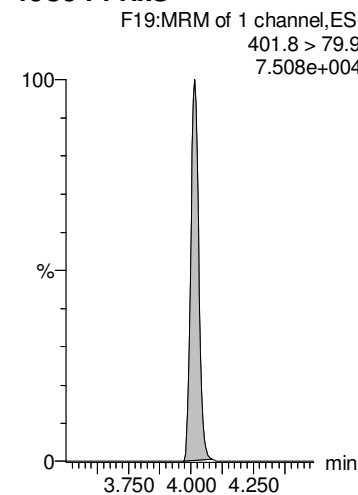
13C4-PFBA



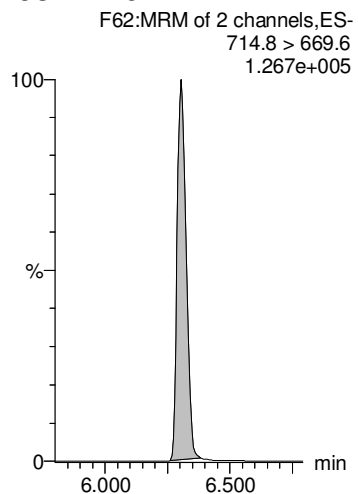
13C5-PFHxA



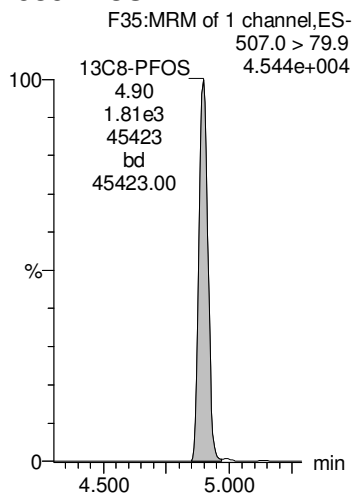
13C3-PFHxS



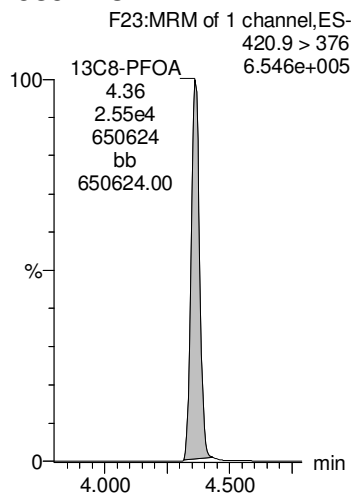
13C2-PFTeDA



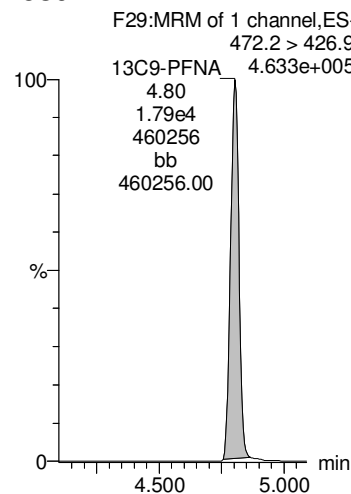
13C8-PFOS



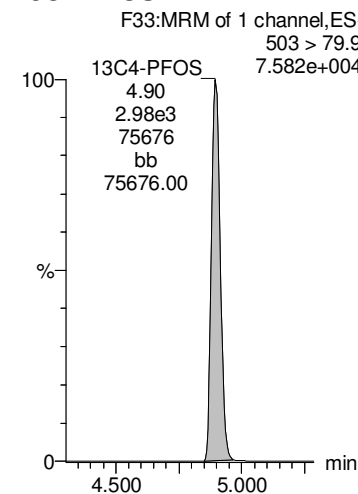
13C8-PFOA



13C9-PFNA



13C4-PFOS



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-18.qld

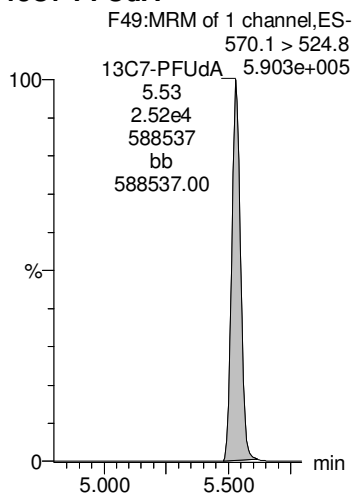
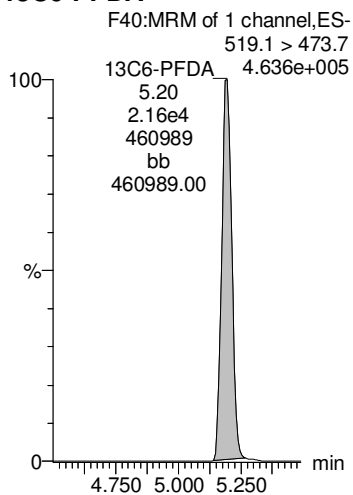
Last Altered: Thursday, October 18, 2018 13:41:41 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:42:10 Pacific Daylight Time

Name: 181017M3_18, Date: 17-Oct-2018, Time: 21:31:33, ID: B8J0128-BLK1 Method Blank 0.125, Description: Method Blank

13C6-PFDA

13C7-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-16.qld

Last Altered: Thursday, October 18, 2018 13:34:18 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:38:33 Pacific Daylight Time

Name: 181017M3_16, Date: 17-Oct-2018, Time: 21:10:23, ID: B8J0128-BS1 OPR 0.125, Description: OPR

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	4.41e3	5.30e3	0.125	1.04	1.04	1.04	10.4	64.4066	80.5		
2	2 PFPeA	263.1 > 218.9	4.67e3	7.00e3	0.125	0.834	2.19	2.19	8.34	66.5613	83.2		
3	3 PFBS	299.0 > 79.7	1.22e3	9.72e2	0.125	1.57	2.57	2.57	15.7	63.4613	79.3	2.664	NO
4	5 PFHxA	313 > 269	8.85e3	5.03e3	0.125	0.880	3.16	3.16	8.80	66.4452	83.1	15.270	NO
5	7 PFHpA	363.0 > 318.9	5.65e3	6.60e3	0.125	1.07	3.85	3.85	10.7	63.8032	79.8	10.309	NO
6	36 13C3-PFBA	216.1 > 171.8	5.30e3	1.12e4	0.125	0.472	1.35	1.03	5.89	62.7595	62.8		
7	37 13C3-PFPeA	266. > 221.8	7.00e3	2.35e4	0.125	0.298	2.34	2.19	3.73	58.4599	58.5		
8	38 13C3-PFBS	302. > 98.8	9.72e2	3.01e3	0.125	0.323	2.63	2.57	4.04	60.5804	60.6		
9	40 13C2-PFHxA	315 > 270	5.03e3	2.35e4	0.125	0.535	3.12	3.16	2.68	24.4478	61.1		
10	41 13C4-PFHpA	367.2 > 321.8	6.60e3	2.35e4	0.125	0.281	3.75	3.85	3.52	63.9485	63.9		
11	-1												
12	8 L-PFHxS	398.9 > 79.6	1.05e3	8.35e2	0.125	1.57	4.03	4.01	15.7	68.6661	85.8	1.972	NO
13	68 Total PFHxS	398.9 > 79.6	1.05e3	8.35e2	0.125		4.05		15.7	68.6661			
14	10 6:2 FTS	427.1 > 407	2.08e3	1.94e3	0.125	1.34	4.22	4.31	13.4	67.6225	84.5	3.267	NO
15	11 L-PFOA	412.8 > 368.9	1.14e4	1.12e4	0.125	1.27	4.30	4.36	12.7	66.8664	83.6	3.654	NO
16	69 Total PFOA	412.8 > 368.9	1.14e4	1.12e4	0.125		4.00		12.7	66.8664			
17	42 18O2-PFHxS	403.0 > 102.6	8.35e2	3.01e3	0.125	0.278	3.90	4.02	3.47	62.0291	62.0		
18	42 18O2-PFHxS	403.0 > 102.6	8.35e2	3.01e3	0.125	0.278	3.90	4.02	3.47	62.0291	62.0		
19	43 13C2-6:2 FTS	429.1 > 408.9	1.94e3	3.11e3	0.125	0.624	4.22	4.31	7.80	67.2806	67.3		
20	44 13C2-PFOA	414.9 > 369.7	1.12e4	2.87e4	0.125	0.390	4.27	4.36	4.88	56.8738	56.9		
21	44 13C2-PFOA	414.9 > 369.7	1.12e4	2.87e4	0.125	0.390	4.27	4.36	4.88	56.8738	56.9		
22	-1												
23	14 PFNA	463.0 > 418.8	8.50e3	9.80e3	0.125	1.08	4.71	4.80	10.8	62.6662	78.3	4.167	NO
24	15 PFOSA	497.9 > 77.9	1.07e3	1.31e3	0.125	1.02	4.77	4.84	10.2	65.9846	82.5	27.939	NO
25	16 L-PFOS	498.9 > 79.9	1.42e3	1.96e3	0.125	0.907	4.93	4.90	9.07	63.3245	79.2	1.856	NO
26	70 Total PFOS	498.9 > 79.9	1.42e3	1.96e3	0.125		4.60		9.07	63.3245			
27	18 PFDA	513 > 468.8	8.09e3	8.42e3	0.125	1.20	5.08	5.19	12.0	64.6445	80.8	5.400	NO
28	45 13C5-PFNA	468.2 > 422.9	9.80e3	2.09e4	0.125	0.468	4.71	4.80	5.85	50.2455	50.2		
29	46 13C8-PFOSA	506.1 > 77.7	1.31e3	2.81e4	0.125	0.0465	4.77	4.84	0.581	37.1099	37.1		
30	47 13C8-PFOS	507.0 > 79.9	1.96e3	3.11e3	0.125	0.631	4.79	4.90	7.89	61.1221	61.1		
31	47 13C8-PFOS	507.0 > 79.9	1.96e3	3.11e3	0.125	0.631	4.79	4.90	7.89	61.1221	61.1		
32	48 13C2-PFDA	515.1 > 469.9	8.42e3	2.39e4	0.125	0.352	5.08	5.19	4.40	44.5792	44.6		H
33	-1												
34	19 8:2 FTS	527 > 506.9	1.50e3	1.54e3	0.125	1.22	5.06	5.15	12.2	64.5752	80.7	2.372	NO
35	25 PFUDa	563.0 > 518.9	6.61e3	1.04e4	0.125	0.796	5.58	5.53	7.96	63.5780	79.5	8.347	NO
36	26 PFDS	598.8 > 79.9	1.19e3	1.96e3	0.125	0.762	5.45	5.59	7.62	59.8348	74.8	1.772	NO

GM 10/18/2018

Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-16.qld

Last Altered: Thursday, October 18, 2018 13:34:18 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:38:33 Pacific Daylight Time

Name: 181017M3_16, Date: 17-Oct-2018, Time: 21:10:23, ID: B8J0128-BS1 OPR 0.125, Description: OPR

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	27 PFDoA	612.9 > 569.0	7.92e3	1.01e4	0.125	0.980	5.70	5.83	9.80	63.5637	79.5	7.970	NO
38	29 PFTrDA	662.9 > 618.9	8.77e3	1.01e4	0.125	1.08	5.94	6.08	10.8	69.7412	87.2	20.539	NO
39	49 13C2-8:2 FTS	529.1 > 508.7	1.54e3	3.11e3	0.125	0.497	5.06	5.16	6.21	67.1524	67.2		
40	51 13C2-PFUdA	565 > 519.8	1.04e4	2.81e4	0.125	0.369	5.41	5.53	4.61	40.7576	40.8		H
41	47 13C8-PFOS	507.0 > 79.9	1.96e3	3.11e3	0.125	0.631	4.79	4.90	7.89	61.1221	61.1		
42	53 13C2-PFDoA	615.0 > 569.7	1.01e4	2.39e4	0.125	0.423	5.69	5.82	5.29	43.3162	43.3		H
43	53 13C2-PFDoA	615.0 > 569.7	1.01e4	2.39e4	0.125	0.423	5.69	5.82	5.29	43.3162	43.3		
44	-1												
45	30 PFTeDA	712.8 > 669.0	9.38e3	7.02e3	0.125	1.67	6.16	6.30	16.7	71.5490	89.4	13.991	NO
46	73 TCDA	498.3>106.9			0.125		5.15						
47	60 13C4-PFBA	217. > 172	1.12e4	1.12e4	0.125	1.00	1.35	1.03	12.5	100.0000	100.0		
48	61 13C5-PFHxA	318 > 272.9	2.35e4	2.35e4	0.125	1.00	3.12	3.16	12.5	100.0000	100.0		
49	62 13C3-PFHxS	401.8 > 79.9	3.01e3	3.01e3	0.125	1.00	3.90	4.01	12.5	100.0000	100.0		
50	55 13C2-PFTeDA	714.8 > 669.6	7.02e3	2.81e4	0.125	0.249	6.16	6.30	3.12	48.0971	48.1		H
51	47 13C8-PFOS	507.0 > 79.9	1.96e3	3.11e3	0.125	0.631	4.79	4.90	7.89	61.1221	61.1		
52	63 13C8-PFOA	420.9 > 376	2.87e4	2.87e4	0.125	1.00	4.27	4.36	12.5	100.0000	100.0		
53	64 13C9-PFNA	472.2 > 426.9	2.09e4	2.09e4	0.125	1.00	4.71	4.80	12.5	100.0000	100.0		
54	65 13C4-PFOS	503 > 79.9	3.11e3	3.11e3	0.125	1.00	4.79	4.90	12.5	100.0000	100.0		
55	-1												
56	66 13C6-PFDA	519.1 > 473.7	2.39e4	2.39e4	0.125	1.00	5.08	5.19	12.5	100.0000	100.0		
57	67 13C7-PFUdA	570.1 > 524.8	2.81e4	2.81e4	0.125	1.00	5.41	5.53	12.5	100.0000	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-16.qld

Last Altered: Thursday, October 18, 2018 13:34:18 Pacific Daylight Time

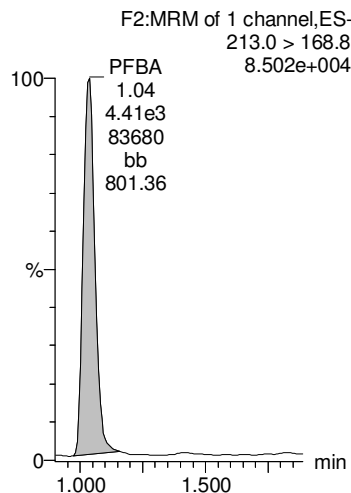
Printed: Thursday, October 18, 2018 13:38:33 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10

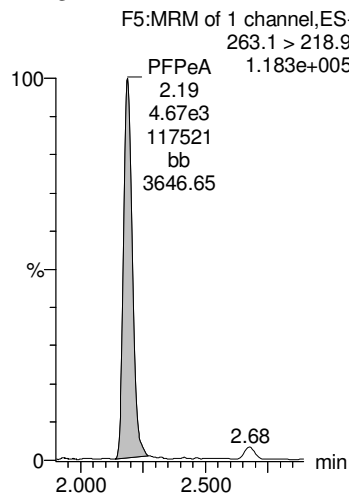
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 13:13:00

Name: 181017M3_16, Date: 17-Oct-2018, Time: 21:10:23, ID: B8J0128-BS1 OPR 0.125, Description: OPR

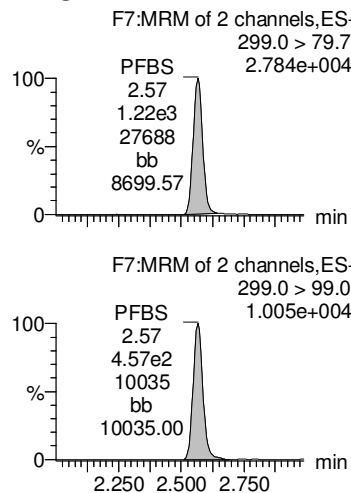
PFBA



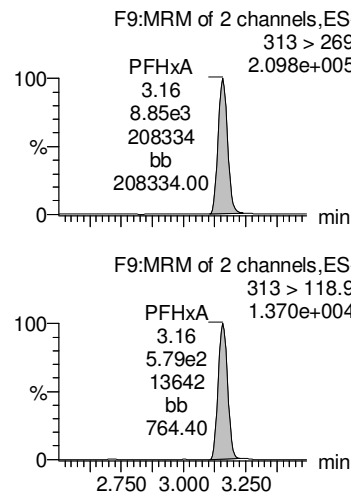
PFPeA



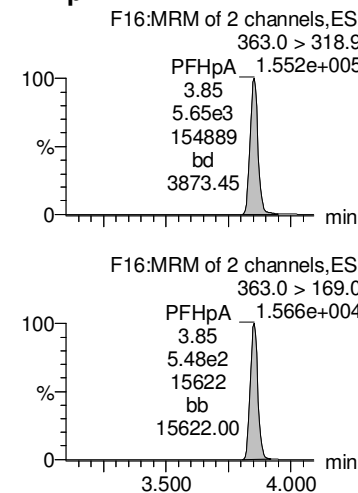
PFBS



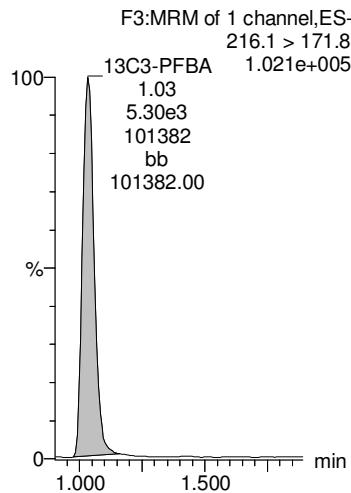
PFHxA



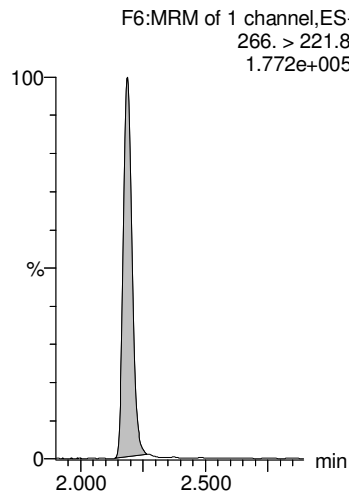
PFHpA



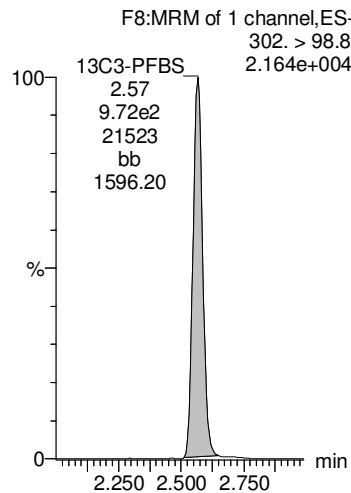
13C3-PFBA



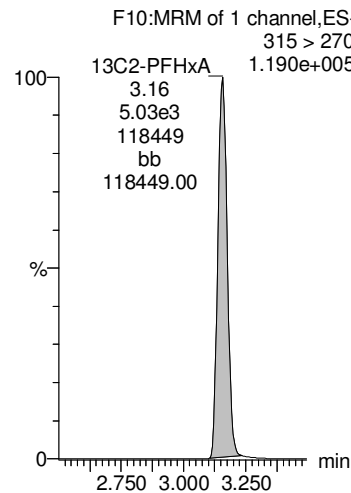
13C3-PFPeA



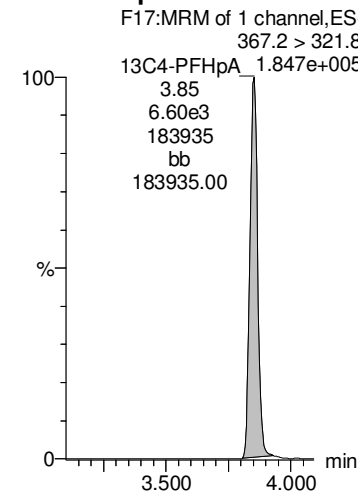
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



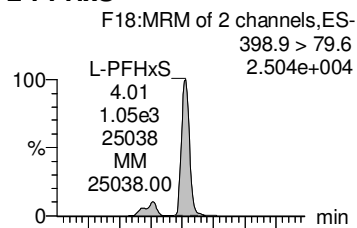
Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-16.qld

Last Altered: Thursday, October 18, 2018 13:34:18 Pacific Daylight Time

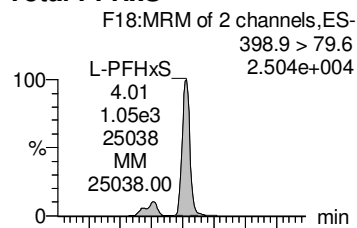
Printed: Thursday, October 18, 2018 13:38:33 Pacific Daylight Time

Name: 181017M3_16, Date: 17-Oct-2018, Time: 21:10:23, ID: B8J0128-BS1 OPR 0.125, Description: OPR

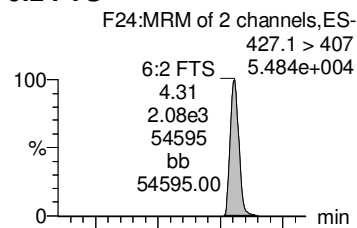
L-PFHxS



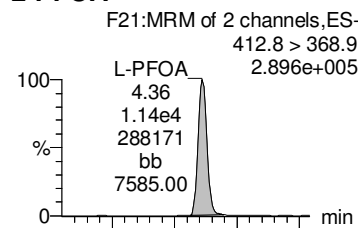
Total PFHxS



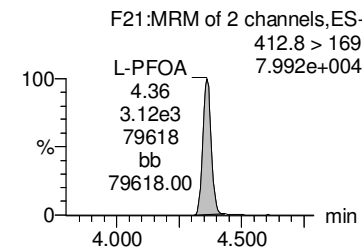
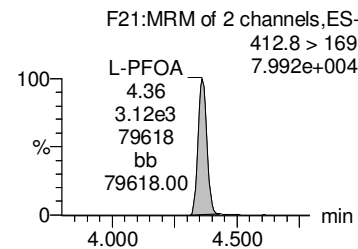
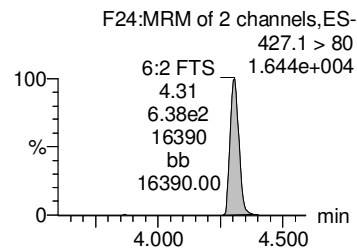
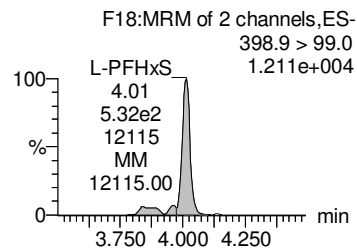
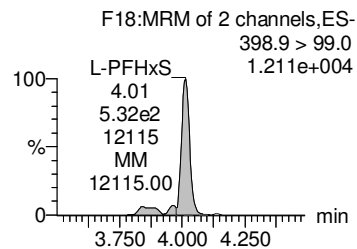
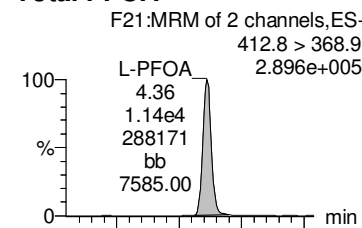
6:2 FTS



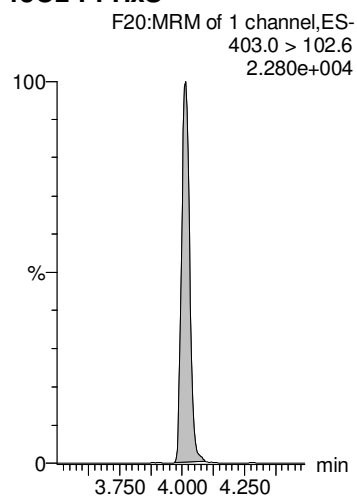
L-PFOA



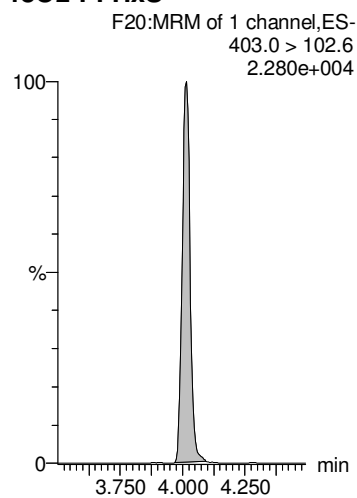
Total PFOA



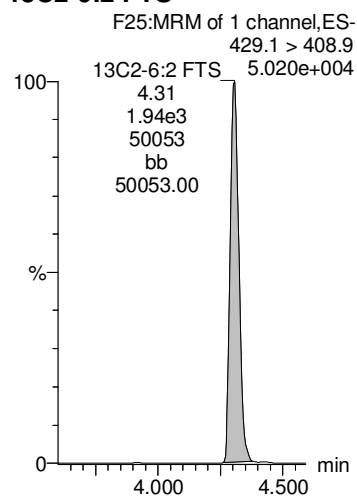
18O2-PFHxS



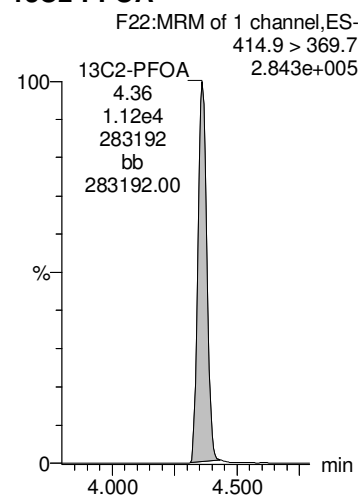
18O2-PFHxS



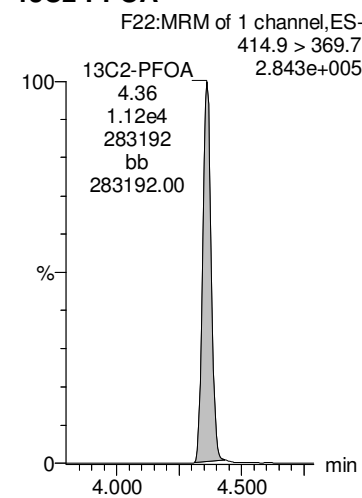
13C2-6:2 FTS



13C2-PFOA



13C2-PFOA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-16.qld

Last Altered: Thursday, October 18, 2018 13:34:18 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:38:33 Pacific Daylight Time

Name: 181017M3_16, Date: 17-Oct-2018, Time: 21:10:23, ID: B8J0128-BS1 OPR 0.125, Description: OPR

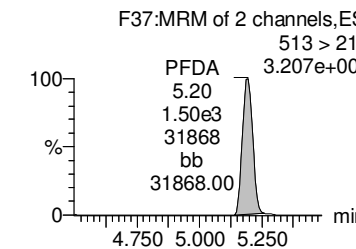
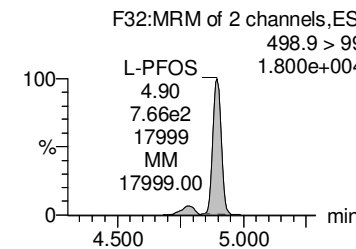
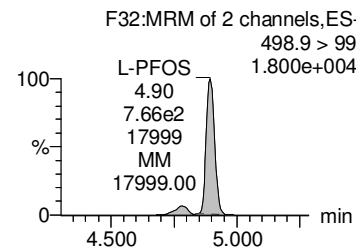
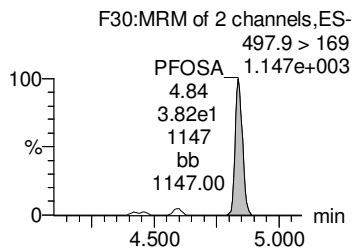
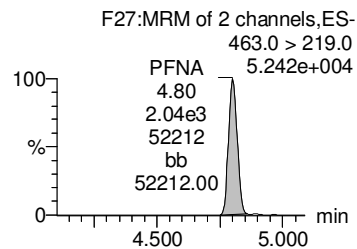
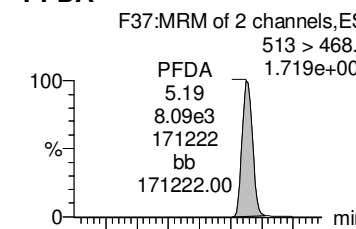
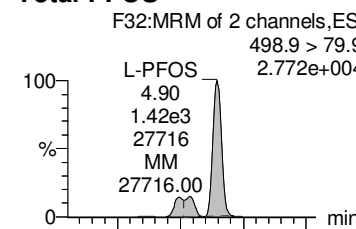
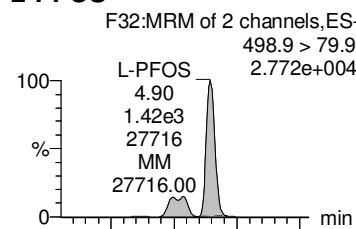
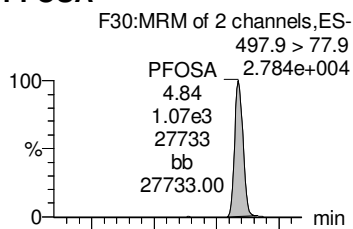
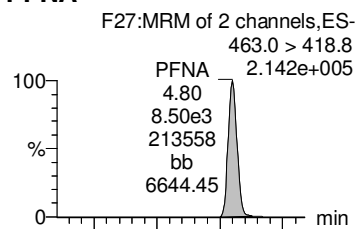
PFNA

PFOSA

L-PFOS

Total PFOS

PFDA



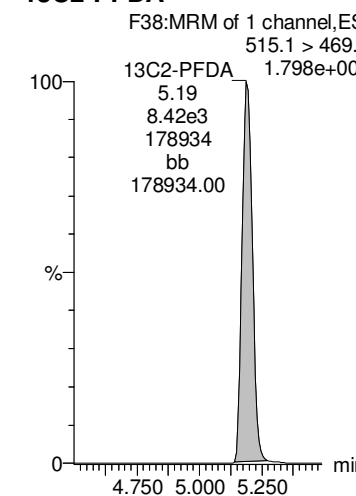
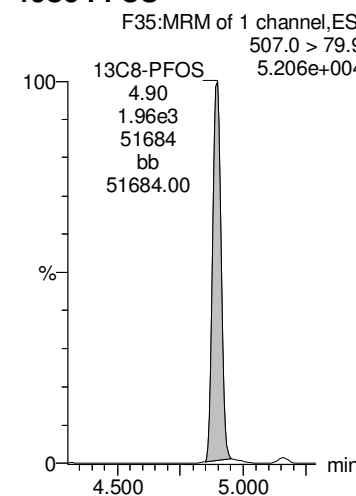
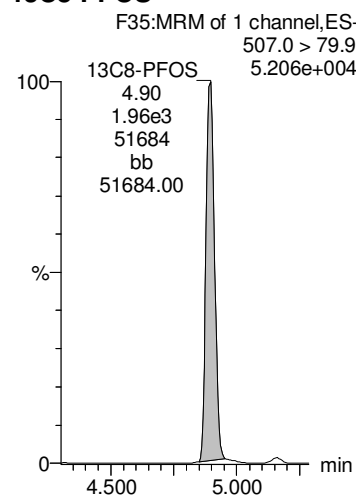
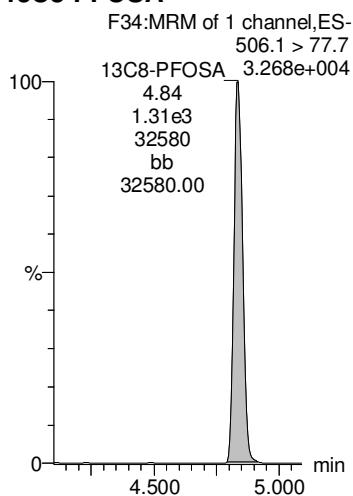
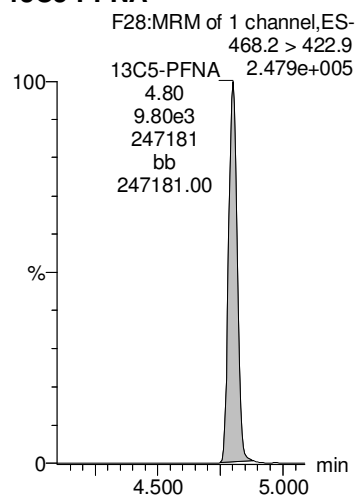
13C5-PFNA

13C8-PFOSA

13C8-PFOS

13C8-PFOS

13C2-PFDA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-16.qld

Last Altered: Thursday, October 18, 2018 13:34:18 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:38:33 Pacific Daylight Time

Name: 181017M3_16, Date: 17-Oct-2018, Time: 21:10:23, ID: B8J0128-BS1 OPR 0.125, Description: OPR

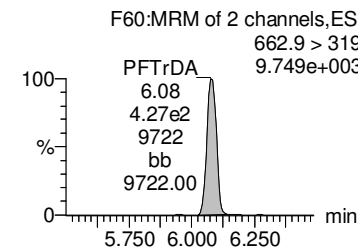
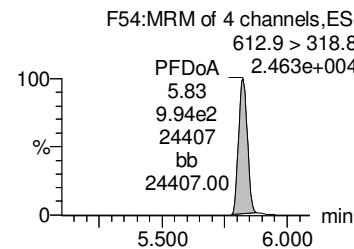
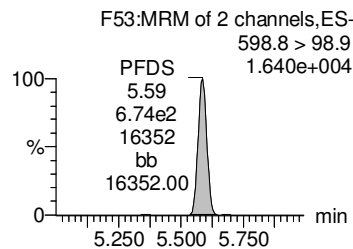
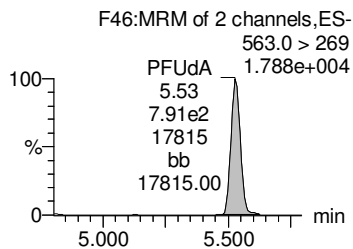
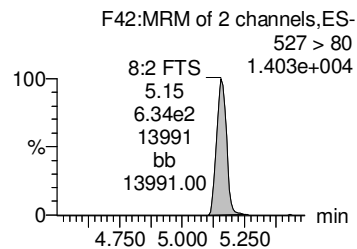
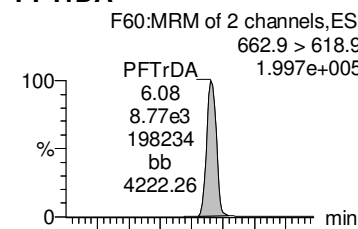
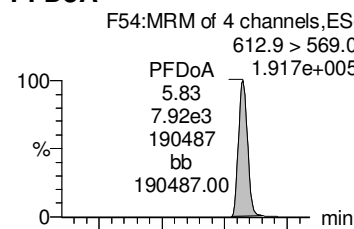
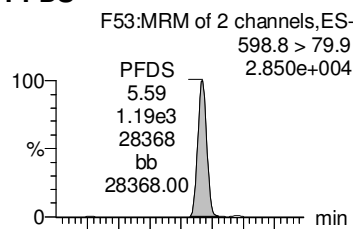
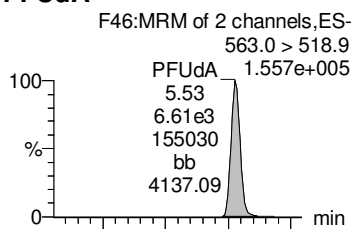
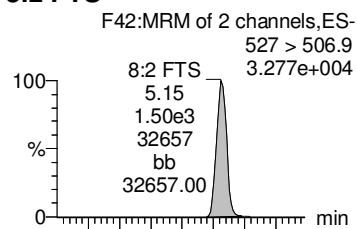
8:2 FTS

PFUdA

PFDS

PFD0A

PFTrDA



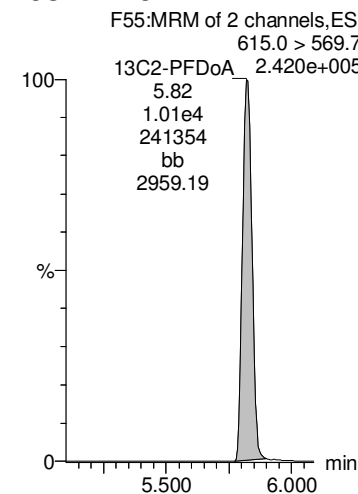
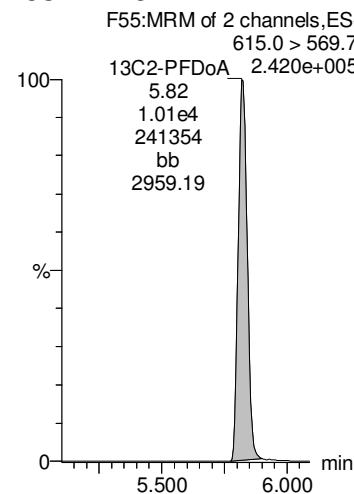
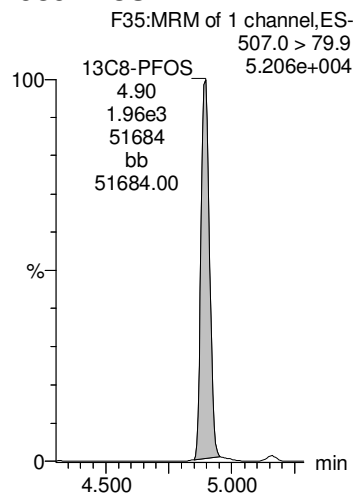
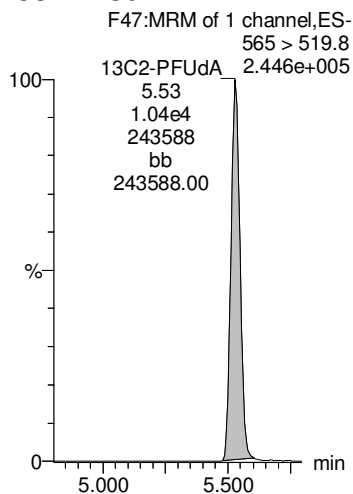
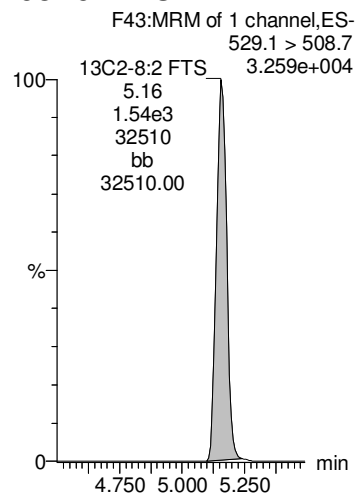
13C2-8:2 FTS

13C2-PFUdA

13C8-PFOS

13C2-PFD0A

13C2-PFD0A



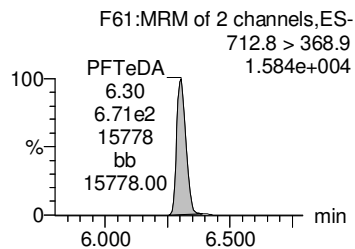
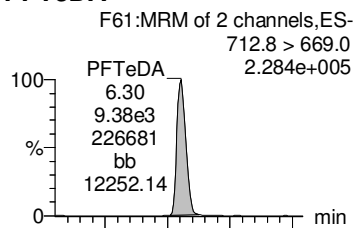
Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-16.qld

Last Altered: Thursday, October 18, 2018 13:34:18 Pacific Daylight Time

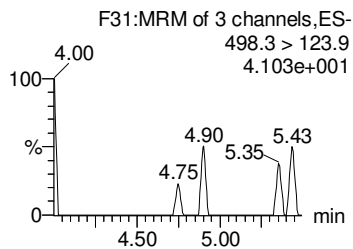
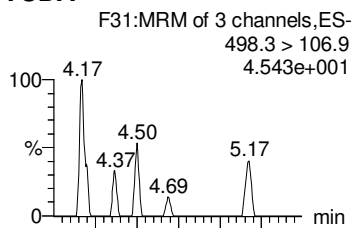
Printed: Thursday, October 18, 2018 13:38:33 Pacific Daylight Time

Name: 181017M3_16, Date: 17-Oct-2018, Time: 21:10:23, ID: B8J0128-BS1 OPR 0.125, Description: OPR

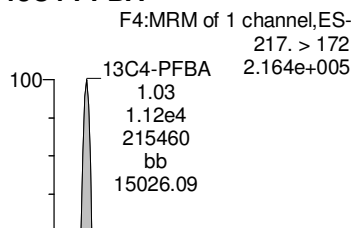
PFTeDA



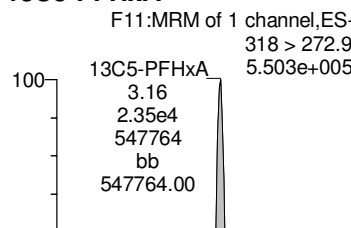
TCDA



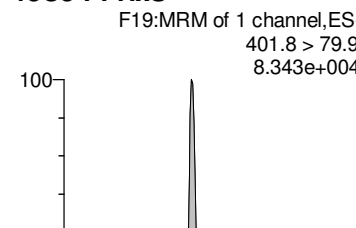
13C4-PFBA



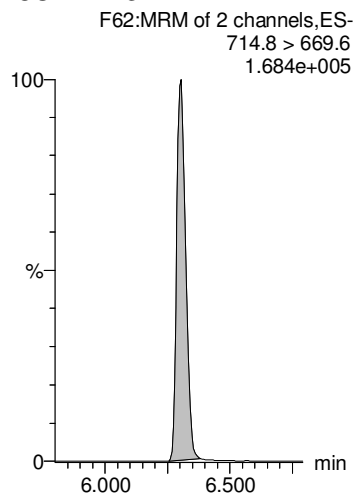
13C5-PFHxA



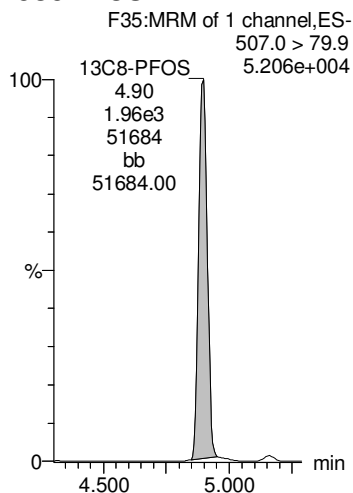
13C3-PFHxS



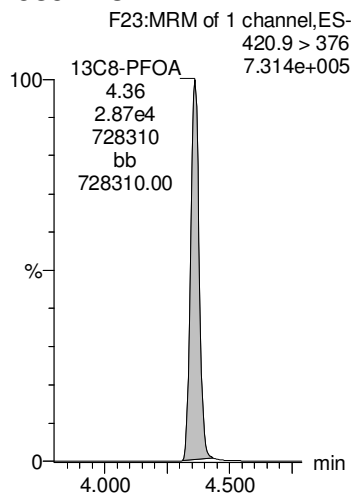
13C2-PFTeDA



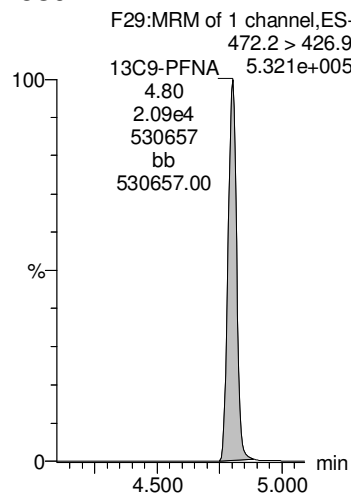
13C8-PFOS



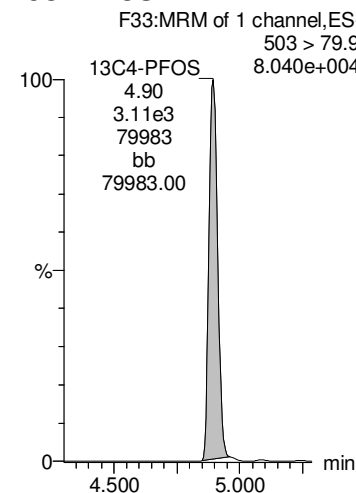
13C8-PFOA



13C9-PFNA



13C4-PFOS



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-16.qld

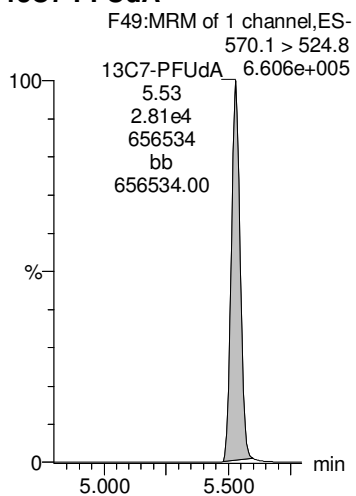
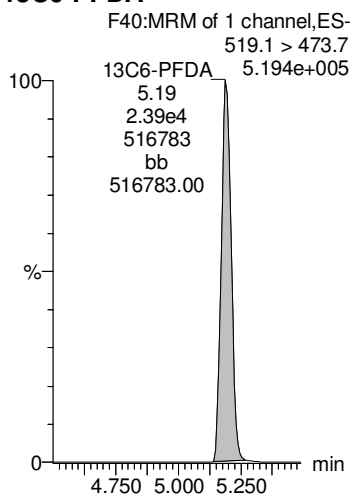
Last Altered: Thursday, October 18, 2018 13:34:18 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:38:33 Pacific Daylight Time

Name: 181017M3_16, Date: 17-Oct-2018, Time: 21:10:23, ID: B8J0128-BS1 OPR 0.125, Description: OPR

13C6-PFDA

13C7-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-17.qld

Last Altered: Thursday, October 18, 2018 13:37:03 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:37:11 Pacific Daylight Time

Name: 181017M3_17, Date: 17-Oct-2018, Time: 21:21:01, ID: B8J0128-BSD1 LCSD 0.125, Description: LCSD

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	7.07e3	8.08e3	0.125	1.09	1.04	1.04	10.9	67.6436	84.6		
2	2 PFPeA	263.1 > 218.9	7.36e3	1.07e4	0.125	0.856	2.19	2.19	8.56	68.3171	85.4		
3	3 PFBS	299.0 > 79.7	1.95e3	1.46e3	0.125	1.67	2.57	2.57	16.7	67.6759	84.6	2.660	NO
4	5 PFHxA	313 > 269	1.46e4	7.59e3	0.125	0.960	3.16	3.16	9.60	72.5720	90.7	15.900	NO
5	7 PFHpA	363.0 > 318.9	8.78e3	9.24e3	0.125	1.19	3.85	3.85	11.9	70.9242	88.7	10.988	NO
6	36 13C3-PFBA	216.1 > 171.8	8.08e3	1.16e4	0.125	0.694	1.35	1.03	8.68	92.4163	92.4		
7	37 13C3-PFPeA	266. > 221.8	1.07e4	2.42e4	0.125	0.445	2.34	2.19	5.56	87.2147	87.2		
8	38 13C3-PFBS	302. > 98.8	1.46e3	2.85e3	0.125	0.512	2.63	2.57	6.40	95.9571	96.0		
9	40 13C2-PFHxA	315 > 270	7.59e3	2.42e4	0.125	0.785	3.12	3.16	3.93	35.8639	89.7		
10	41 13C4-PFHpA	367.2 > 321.8	9.24e3	2.42e4	0.125	0.382	3.75	3.85	4.78	86.9623	87.0		
11	-1												
12	8 L-PFHxS	398.9 > 79.6	1.48e3	1.15e3	0.125	1.61	4.03	4.01	16.1	70.6477	88.3	1.666	NO
13	68 Total PFHxS	398.9 > 79.6	1.48e3	1.15e3	0.125		4.05		16.1	70.6477			
14	10 6:2 FTS	427.1 > 407	3.22e3	2.80e3	0.125	1.44	4.22	4.31	14.4	72.6089	90.8	3.335	NO
15	11 L-PFOA	412.8 > 368.9	1.76e4	1.62e4	0.125	1.36	4.30	4.36	13.6	71.5205	89.4	3.555	NO
16	69 Total PFOA	412.8 > 368.9	1.76e4	1.62e4	0.125		4.00		13.6	71.5205			
17	42 18O2-PFHxS	403.0 > 102.6	1.15e3	2.85e3	0.125	0.403	3.90	4.02	5.04	90.1252	90.1		
18	42 18O2-PFHxS	403.0 > 102.6	1.15e3	2.85e3	0.125	0.403	3.90	4.02	5.04	90.1252	90.1		
19	43 13C2-6:2 FTS	429.1 > 408.9	2.80e3	2.95e3	0.125	0.947	4.22	4.31	11.8	102.0655	102.1		
20	44 13C2-PFOA	414.9 > 369.7	1.62e4	3.00e4	0.125	0.541	4.27	4.36	6.76	78.8484	78.8		
21	44 13C2-PFOA	414.9 > 369.7	1.62e4	3.00e4	0.125	0.541	4.27	4.36	6.76	78.8484	78.8		
22	-1												
23	14 PFNA	463.0 > 418.8	1.32e4	1.41e4	0.125	1.18	4.71	4.80	11.8	68.0132	85.0	3.952	NO
24	15 PFOSA	497.9 > 77.9	1.76e3	2.09e3	0.125	1.05	4.77	4.84	10.5	68.1637	85.2	39.080	YES
25	16 L-PFOS	498.9 > 79.9	2.15e3	3.01e3	0.125	0.893	4.93	4.90	8.93	62.3422	77.9	1.863	NO
26	70 Total PFOS	498.9 > 79.9	2.15e3	3.01e3	0.125		4.60		8.93	62.3422			
27	18 PFDA	513 > 468.8	1.27e4	1.23e4	0.125	1.29	5.08	5.19	12.9	69.3689	86.7	5.269	NO
28	45 13C5-PFNA	468.2 > 422.9	1.41e4	2.08e4	0.125	0.677	4.71	4.80	8.47	72.6822	72.7		
29	46 13C8-PFOSA	506.1 > 77.7	2.09e3	2.88e4	0.125	0.0726	4.77	4.84	0.907	57.9533	58.0		
30	47 13C8-PFOS	507.0 > 79.9	3.01e3	2.95e3	0.125	1.02	4.79	4.90	12.7	98.6520	98.7		
31	47 13C8-PFOS	507.0 > 79.9	3.01e3	2.95e3	0.125	1.02	4.79	4.90	12.7	98.6520	98.7		
32	48 13C2-PFDA	515.1 > 469.9	1.23e4	2.40e4	0.125	0.511	5.08	5.19	6.39	64.6349	64.6		
33	-1												
34	19 8:2 FTS	527 > 506.9	2.32e3	2.31e3	0.125	1.26	5.06	5.15	12.6	66.6152	83.3	2.008	NO
35	25 PFUDa	563.0 > 518.9	1.07e4	1.51e4	0.125	0.887	5.58	5.53	8.87	70.9559	88.7	9.054	NO
36	26 PFDS	598.8 > 79.9	1.73e3	3.01e3	0.125	0.720	5.45	5.58	7.20	56.5734	70.7	1.665	NO

GM 10/18/2018

Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-17.qld

Last Altered: Thursday, October 18, 2018 13:37:03 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:37:11 Pacific Daylight Time

Name: 181017M3_17, Date: 17-Oct-2018, Time: 21:21:01, ID: B8J0128-BSD1 LCSD 0.125, Description: LCSD

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?	
37	27	PFDoA	612.9 > 569.0	1.29e4	1.53e4	0.125	1.06	5.70	5.83	10.6	68.8170	86.0	8.008	NO
38	29	PFTTrDA	662.9 > 618.9	1.42e4	1.53e4	0.125	1.16	5.94	6.08	11.6	74.7499	93.4	22.147	NO
39	49	13C2-8:2 FTS	529.1 > 508.7	2.31e3	2.95e3	0.125	0.784	5.06	5.16	9.80	105.9720	106.0		
40	51	13C2-PFUdA	565 > 519.8	1.51e4	2.88e4	0.125	0.526	5.41	5.53	6.57	58.1359	58.1		
41	47	13C8-PFOS	507.0 > 79.9	3.01e3	2.95e3	0.125	1.02	4.79	4.90	12.7	98.6520	98.7		
42	53	13C2-PFDoA	615.0 > 569.7	1.53e4	2.40e4	0.125	0.634	5.69	5.82	7.93	64.9166	64.9		
43	53	13C2-PFDoA	615.0 > 569.7	1.53e4	2.40e4	0.125	0.634	5.69	5.82	7.93	64.9166	64.9		
44	-1													
45	30	PFTeDA	712.8 > 669.0	1.41e4	1.03e4	0.125	1.71	6.16	6.30	17.1	73.3631	91.7	14.427	NO
46	73	TCDA	498.3>106.9			0.125		5.15						
47	60	13C4-PFBA	217. > 172	1.16e4	1.16e4	0.125	1.00	1.35	1.03	12.5	100.0000	100.0		
48	61	13C5-PFHxA	318 > 272.9	2.42e4	2.42e4	0.125	1.00	3.12	3.16	12.5	100.0000	100.0		
49	62	13C3-PFHxS	401.8 > 79.9	2.85e3	2.85e3	0.125	1.00	3.90	4.01	12.5	100.0000	100.0		
50	55	13C2-PFTeDA	714.8 > 669.6	1.03e4	2.88e4	0.125	0.357	6.16	6.30	4.46	68.8701	68.9		
51	47	13C8-PFOS	507.0 > 79.9	3.01e3	2.95e3	0.125	1.02	4.79	4.90	12.7	98.6520	98.7		
52	63	13C8-PFOA	420.9 > 376	3.00e4	3.00e4	0.125	1.00	4.27	4.36	12.5	100.0000	100.0		
53	64	13C9-PFNA	472.2 > 426.9	2.08e4	2.08e4	0.125	1.00	4.71	4.80	12.5	100.0000	100.0		
54	65	13C4-PFOS	503 > 79.9	2.95e3	2.95e3	0.125	1.00	4.79	4.90	12.5	100.0000	100.0		
55	-1													
56	66	13C6-PFDA	519.1 > 473.7	2.40e4	2.40e4	0.125	1.00	5.08	5.19	12.5	100.0000	100.0		
57	67	13C7-PFUdA	570.1 > 524.8	2.88e4	2.88e4	0.125	1.00	5.41	5.53	12.5	100.0000	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-17.qld

Last Altered: Thursday, October 18, 2018 13:37:03 Pacific Daylight Time

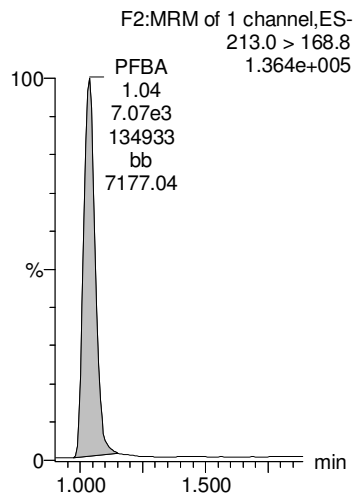
Printed: Thursday, October 18, 2018 13:37:11 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10

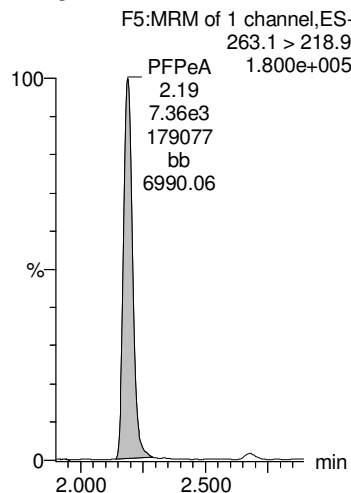
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 13:13:00

Name: 181017M3_17, Date: 17-Oct-2018, Time: 21:21:01, ID: B8J0128-BSD1 LCSD 0.125, Description: LCSD

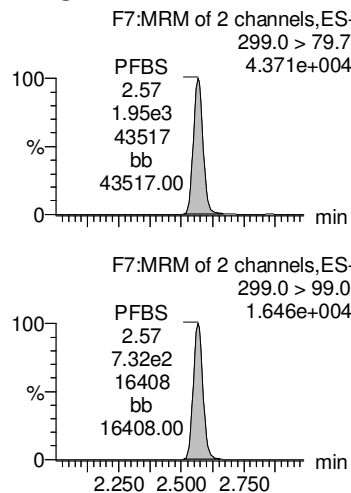
PFBA



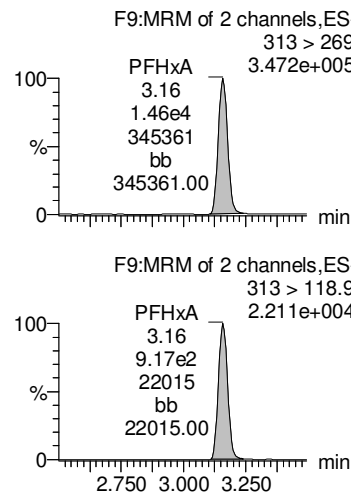
PFPeA



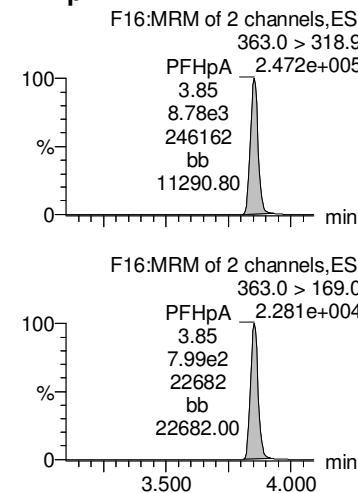
PFBS



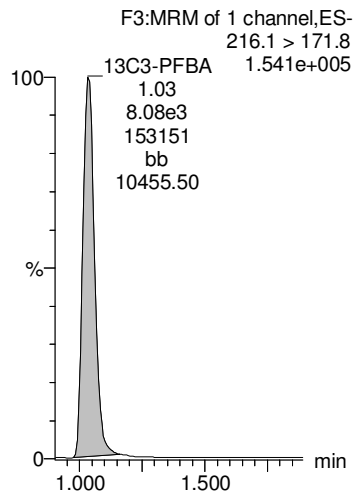
PFHxA



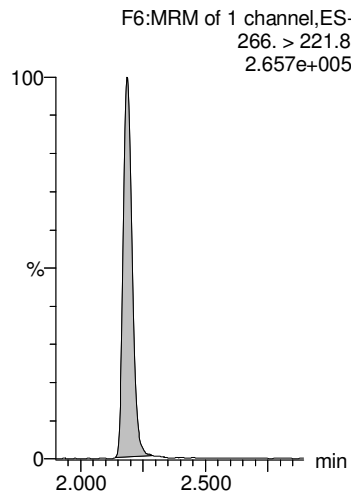
PFHpA



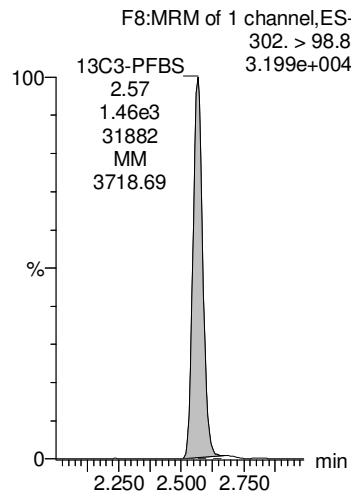
13C3-PFBA



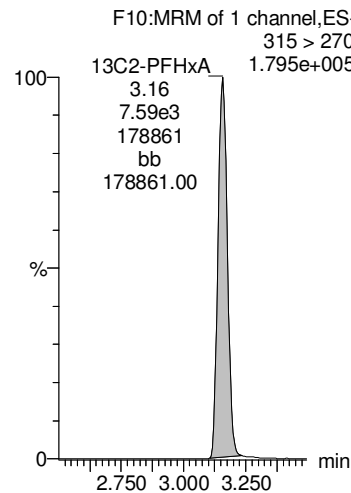
13C3-PFPeA



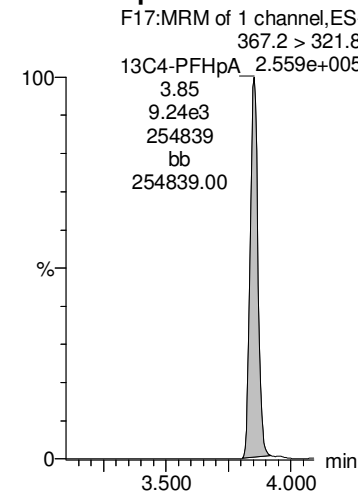
13C3-PFBS



13C2-PFHxA



13C4-PFHpA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-17.qld

Last Altered: Thursday, October 18, 2018 13:37:03 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:37:11 Pacific Daylight Time

Name: 181017M3_17, Date: 17-Oct-2018, Time: 21:21:01, ID: B8J0128-BSD1 LCSD 0.125, Description: LCSD

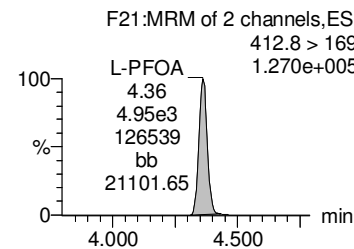
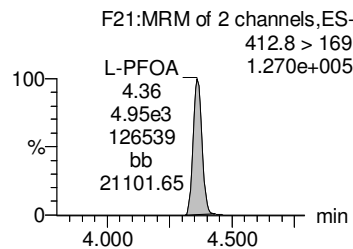
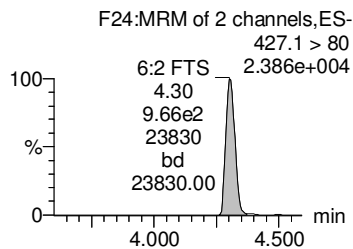
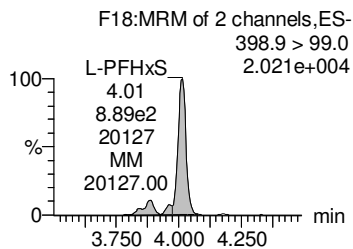
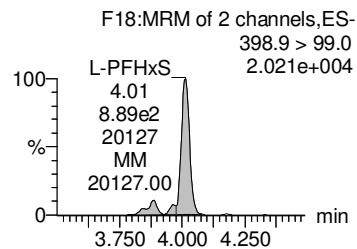
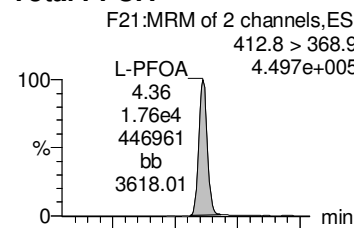
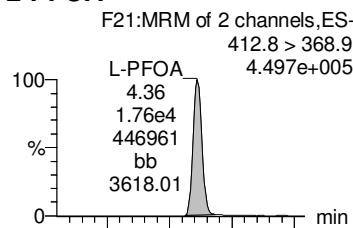
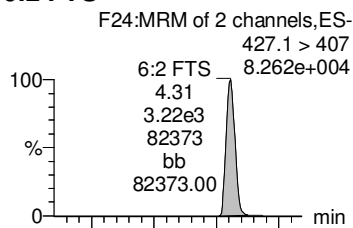
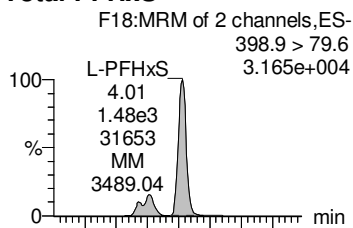
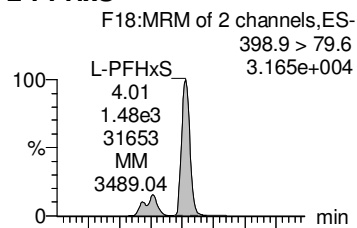
L-PFHxS

Total PFHxS

6:2 FTS

L-PFOA

Total PFOA



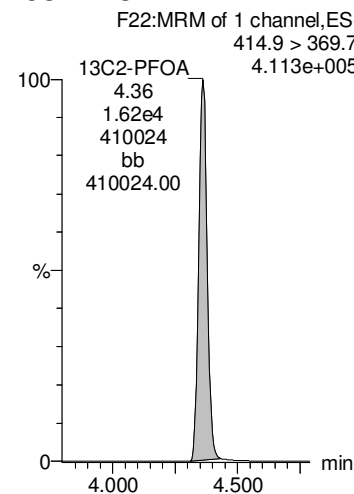
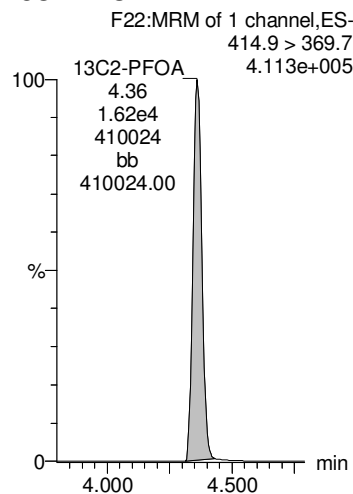
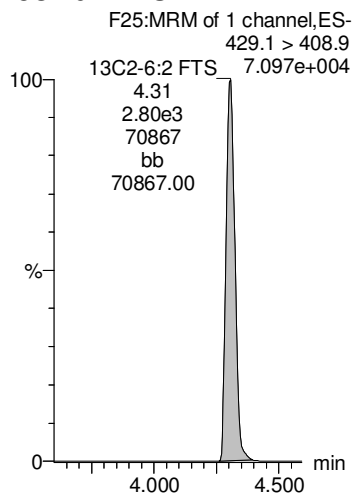
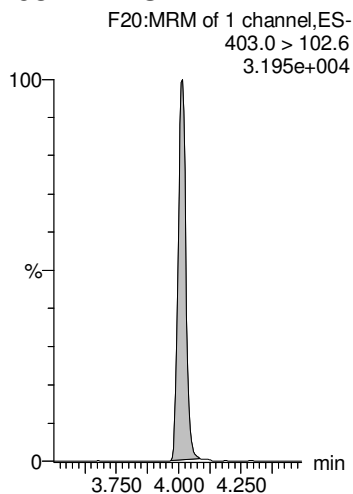
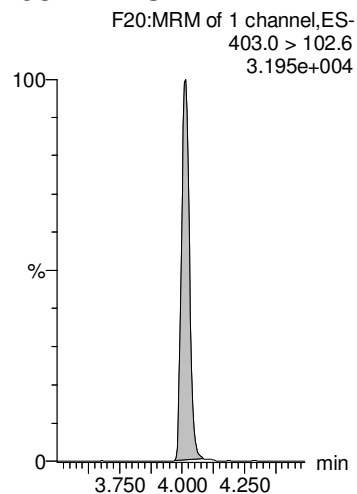
18O2-PFHxS

18O2-PFHxS

13C2-6:2 FTS

13C2-PFOA

13C2-PFOA



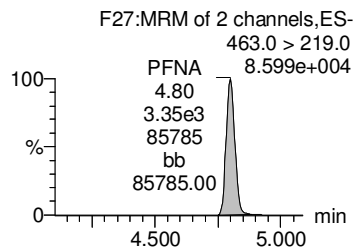
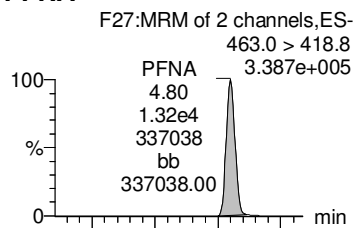
Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-17.qld

Last Altered: Thursday, October 18, 2018 13:37:03 Pacific Daylight Time

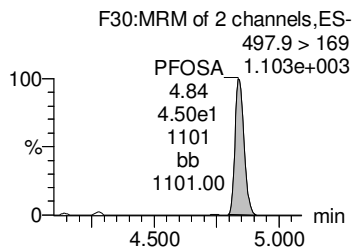
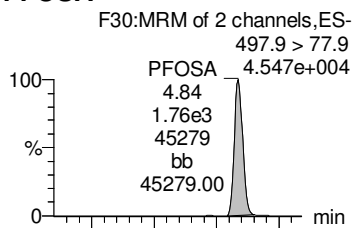
Printed: Thursday, October 18, 2018 13:37:11 Pacific Daylight Time

Name: 181017M3_17, Date: 17-Oct-2018, Time: 21:21:01, ID: B8J0128-BSD1 LCSD 0.125, Description: LCSD

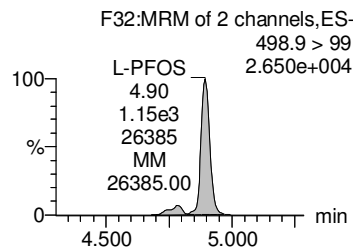
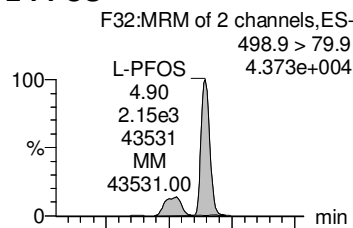
PFNA



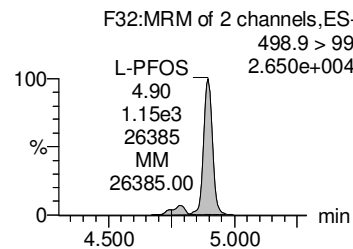
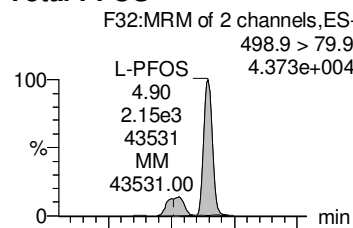
PFOSA



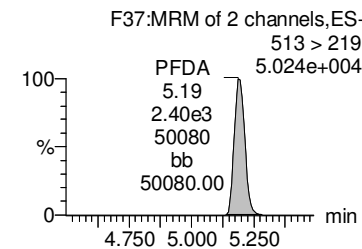
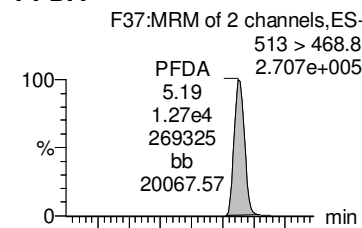
L-PFOS



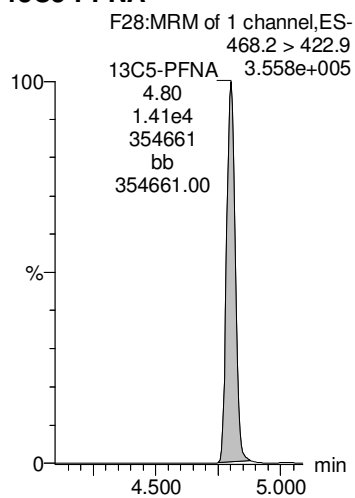
Total PFOS



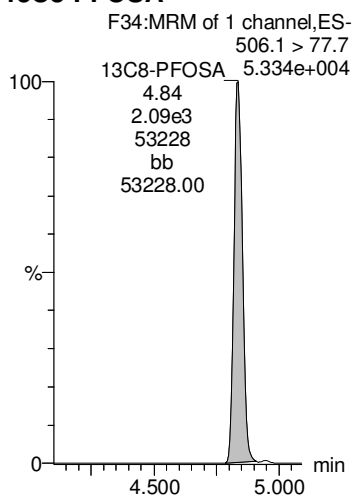
PFDA



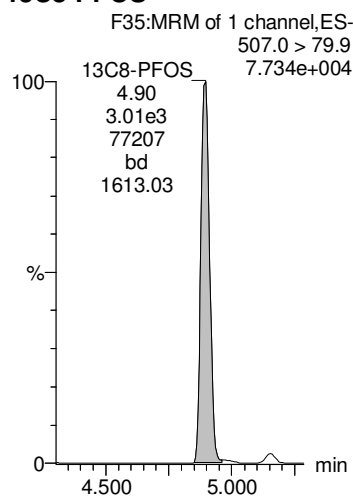
13C5-PFNA



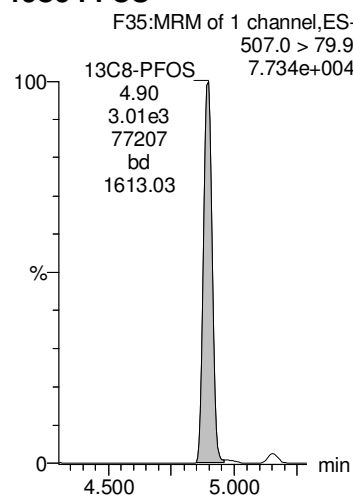
13C8-PFOSA



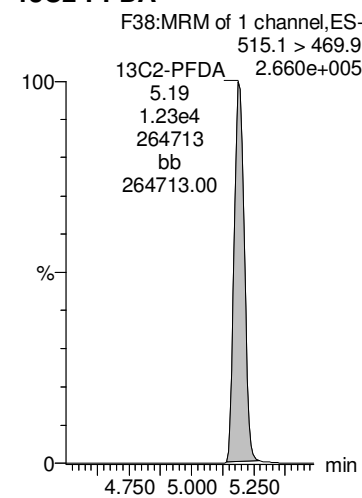
13C8-PFOS



13C8-PFOS



13C2-PFDA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-17.qld

Last Altered: Thursday, October 18, 2018 13:37:03 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:37:11 Pacific Daylight Time

Name: 181017M3_17, Date: 17-Oct-2018, Time: 21:21:01, ID: B8J0128-BSD1 LCSD 0.125, Description: LCSD

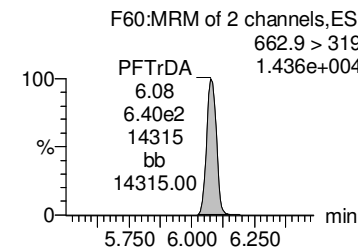
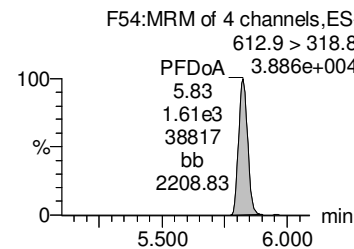
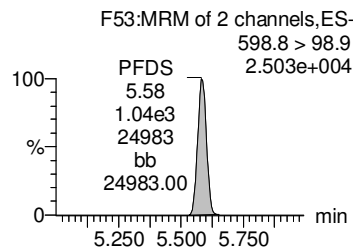
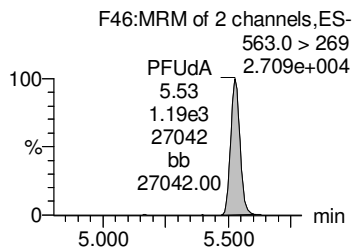
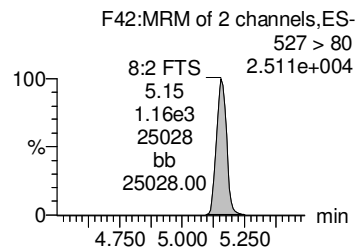
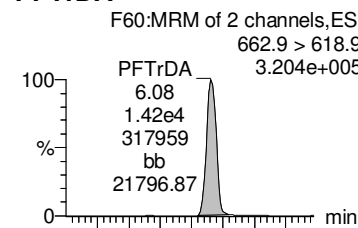
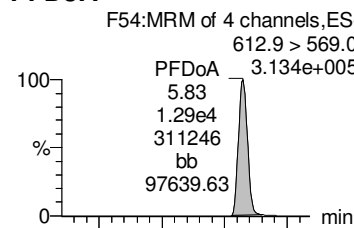
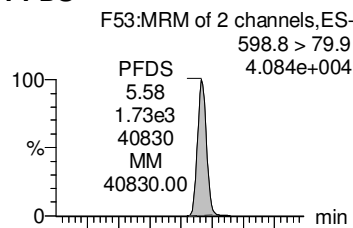
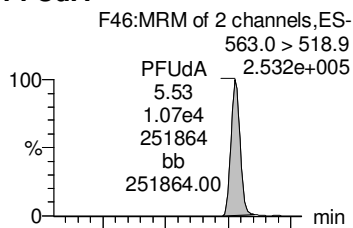
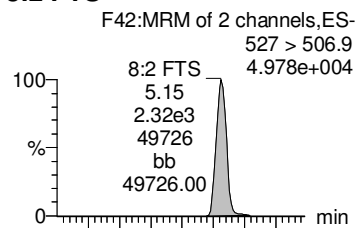
8:2 FTS

PFUdA

PFDS

PFD0A

PFTTrDA



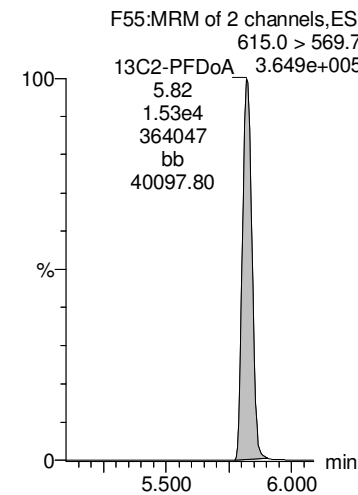
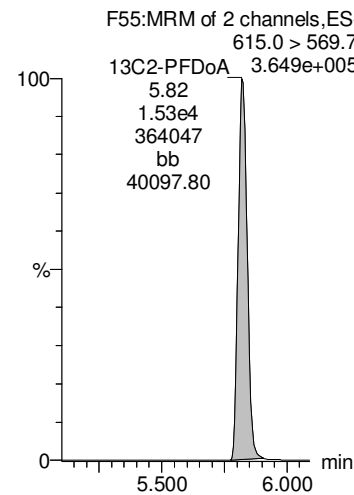
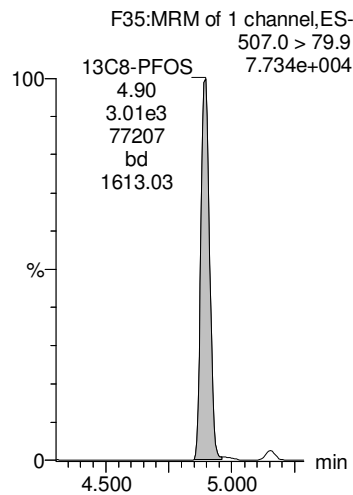
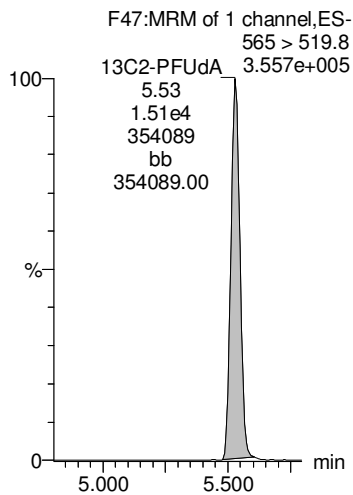
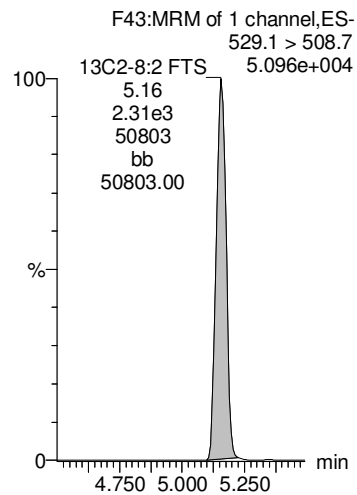
13C2-8:2 FTS

13C2-PFUdA

13C8-PFOS

13C2-PFD0A

13C2-PFD0A



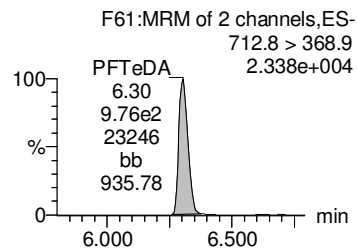
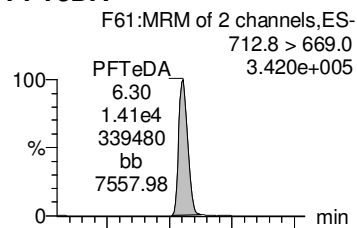
Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-17.qld

Last Altered: Thursday, October 18, 2018 13:37:03 Pacific Daylight Time

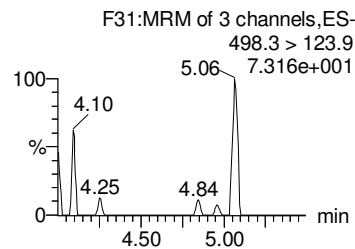
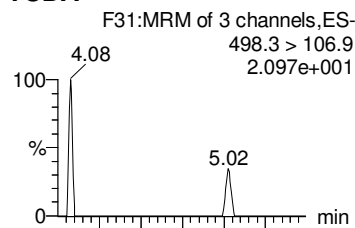
Printed: Thursday, October 18, 2018 13:37:11 Pacific Daylight Time

Name: 181017M3_17, Date: 17-Oct-2018, Time: 21:21:01, ID: B8J0128-BSD1 LCSD 0.125, Description: LCSD

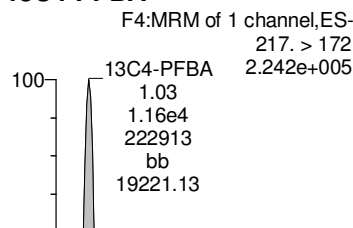
PFTeDA



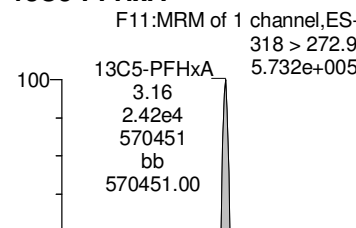
TCDA



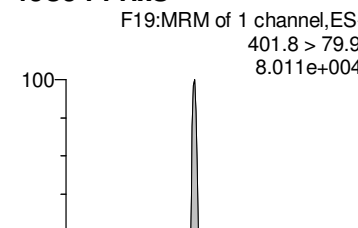
13C4-PFBA



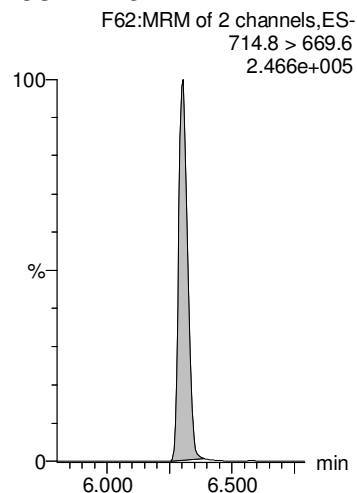
13C5-PFHxA



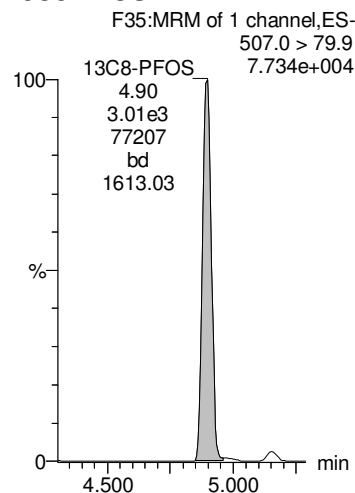
13C3-PFHxS



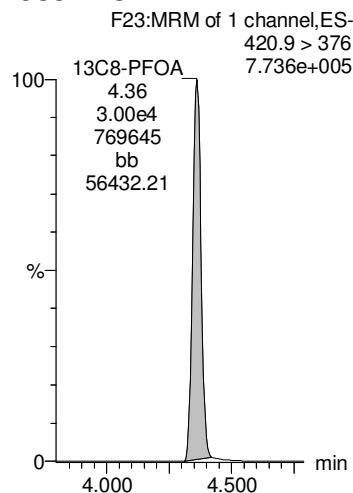
13C2-PFTeDA



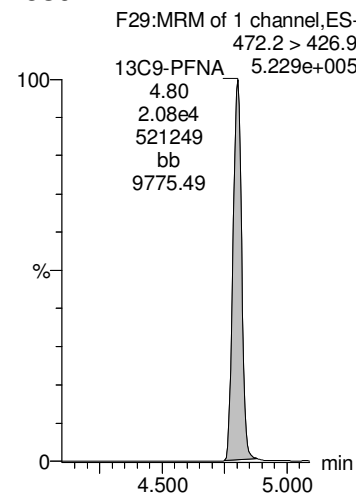
13C8-PFOS



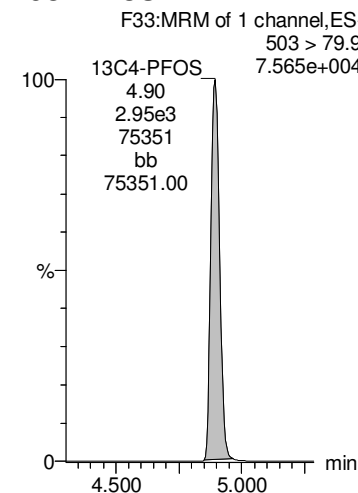
13C8-PFOA



13C9-PFNA



13C4-PFOS



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-17.qld

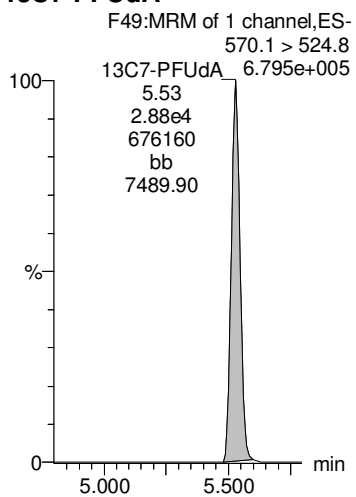
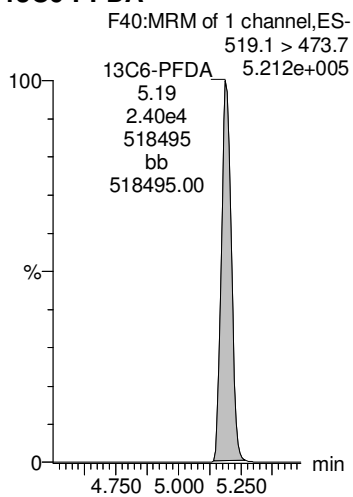
Last Altered: Thursday, October 18, 2018 13:37:03 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:37:11 Pacific Daylight Time

Name: 181017M3_17, Date: 17-Oct-2018, Time: 21:21:01, ID: B8J0128-BSD1 LCSD 0.125, Description: LCSD

13C6-PFDA

13C7-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-19.qld

Last Altered: Monday, October 22, 2018 13:21:58 Pacific Daylight Time

Printed: Monday, October 22, 2018 13:22:54 Pacific Daylight Time

Name: 181017M3_19, Date: 17-Oct-2018, Time: 21:42:04, ID: 1803297-01 OC-RW12-1018 0.11506, Description: OC-RW12-1018

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	3	PFBS	299.0 > 79.7		9.16e2	0.115		2.57					
2	7	PFHpA	363.0 > 318.9		6.01e3	0.115		3.85					
3	8	L-PFHxS	398.9 > 79.6		7.41e2	0.115		4.02					
4	68	Total PFHxS	398.9 > 79.6	0.00e0	7.41e2	0.115		4.05	0.000				
5	38	13C3-PFBS	302. > 98.8	9.16e2	2.82e3	0.115	0.325	2.63	2.57	4.06	66.1552	60.9	
6	41	13C4-PFHpA	367.2 > 321.8	6.01e3	2.37e4	0.115	0.254	3.75	3.85	3.17	62.6239	57.6	
7	42	18O2-PFHxS	403.0 > 102.6	7.41e2	2.82e3	0.115	0.262	3.90	4.01	3.28	63.6989	58.6	
8	42	18O2-PFHxS	403.0 > 102.6	7.41e2	2.82e3	0.115	0.262	3.90	4.01	3.28	63.6989	58.6	
9	-1												
10	11	L-PFOA	412.8 > 368.9	1.31e2	1.02e4	0.115	0.000	4.30	4.37	0.160	0.1269	15.715	YES
11	69	Total PFOA	412.8 > 368.9	1.31e2	1.02e4	0.115		4.00		0.160	0.1269		
12	16	L-PFOS	498.9 > 79.9		1.77e3	0.115		4.93					
13	70	Total PFOS	498.9 > 79.9	0.00e0	1.77e3	0.115		4.60	0.000				
14	44	13C2-PFOA	414.9 > 369.7	1.02e4	2.93e4	0.115	0.349	4.27	4.36	4.36	55.2640	50.9	
15	44	13C2-PFOA	414.9 > 369.7	1.02e4	2.93e4	0.115	0.349	4.27	4.36	4.36	55.2640	50.9	
16	47	13C8-PFOS	507.0 > 79.9	1.77e3	2.91e3	0.115	0.608	4.79	4.90	7.61	64.0387	58.9	
17	47	13C8-PFOS	507.0 > 79.9	1.77e3	2.91e3	0.115	0.608	4.79	4.90	7.61	64.0387	58.9	
18	-1												
19	14	PFNA	463.0 > 418.8	3.46e1	9.26e3	0.115	0.000	4.71	4.81	0.0467	0.0216	23.412	YES
20	73	TCDA	498.3>106.9			0.115		5.15					
21	61	13C5-PFHxA	318 > 272.9	2.37e4	2.37e4	0.115	1.00	3.12	3.16	12.5	108.6390	100.0	
22	63	13C8-PFOA	420.9 > 376	2.93e4	2.93e4	0.115	1.00	4.27	4.36	12.5	108.6390	100.0	
23	45	13C5-PFNA	468.2 > 422.9	9.26e3	2.02e4	0.115	0.459	4.71	4.80	5.74	53.5468	49.3	H
24	47	13C8-PFOS	507.0 > 79.9	1.77e3	2.91e3	0.115	0.608	4.79	4.90	7.61	64.0387	58.9	
25	64	13C9-PFNA	472.2 > 426.9	2.02e4	2.02e4	0.115	1.00	4.71	4.80	12.5	108.6390	100.0	
26	62	13C3-PFHxS	401.8 > 79.9	2.82e3	2.82e3	0.115	1.00	3.90	4.01	12.5	108.6390	100.0	
27	65	13C4-PFOS	503 > 79.9	2.91e3	2.91e3	0.115	1.00	4.79	4.90	12.5	108.6390	100.0	

Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-19.qld

Last Altered: Monday, October 22, 2018 13:21:58 Pacific Daylight Time

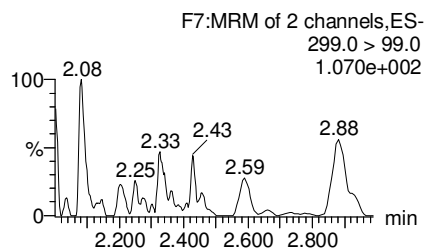
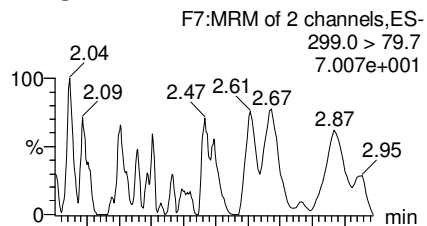
Printed: Monday, October 22, 2018 13:22:54 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 15:52:24

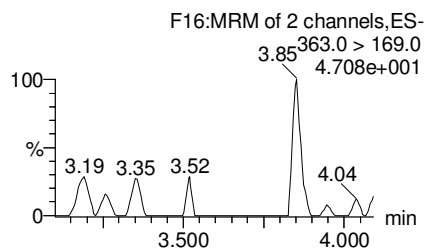
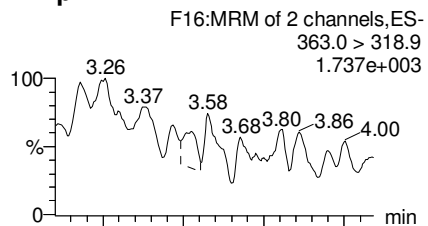
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 13:13:00

Name: 181017M3_19, Date: 17-Oct-2018, Time: 21:42:04, ID: 1803297-01 OC-RW12-1018 0.11506, Description: OC-RW12-1018

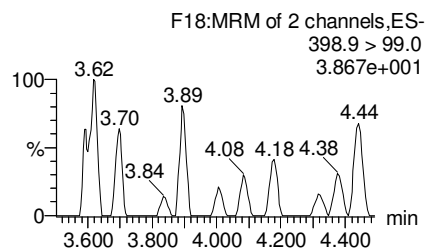
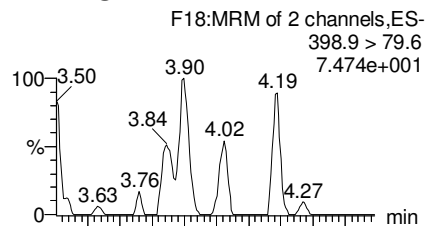
PFBS



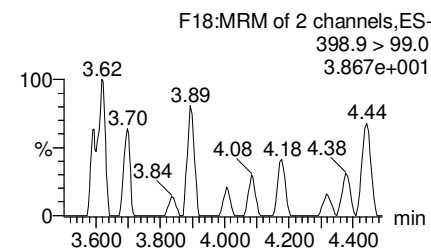
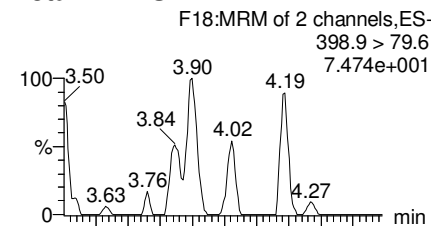
PFHpA



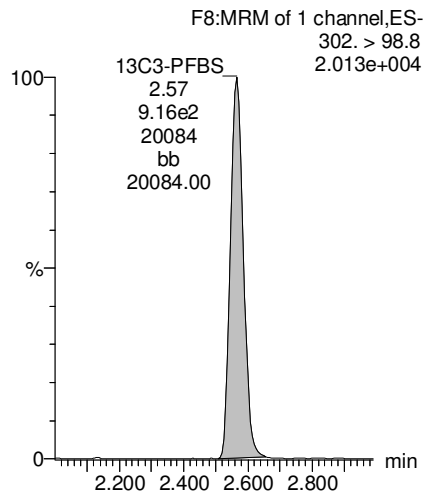
L-PFHxS



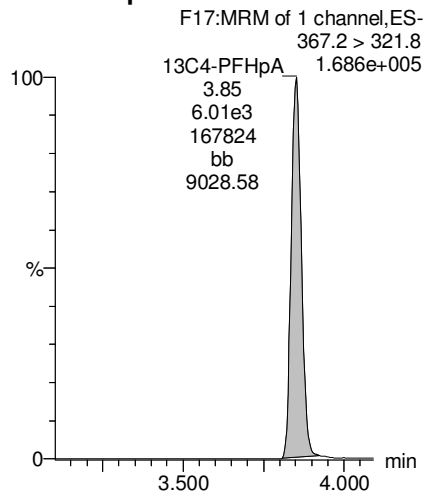
Total PFHxS



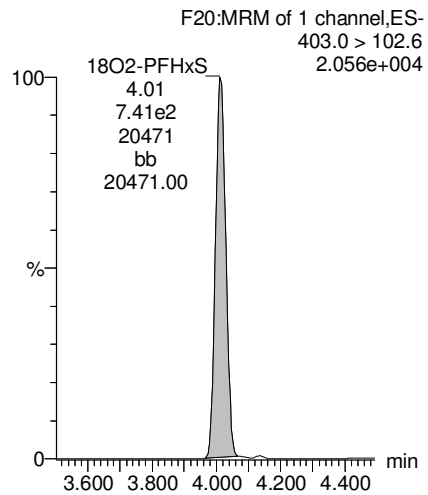
13C3-PFBS



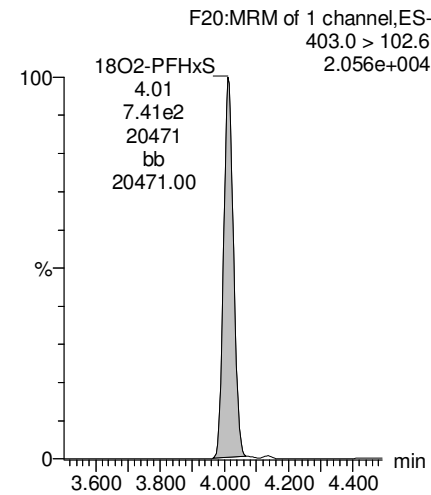
13C4-PFHpA



18O2-PFHxS



18O2-PFHxS



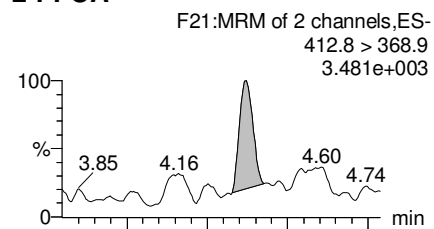
Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-19.qld

Last Altered: Monday, October 22, 2018 13:21:58 Pacific Daylight Time

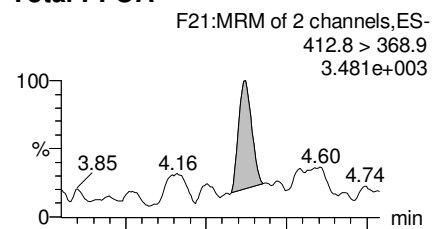
Printed: Monday, October 22, 2018 13:22:54 Pacific Daylight Time

Name: 181017M3_19, Date: 17-Oct-2018, Time: 21:42:04, ID: 1803297-01 OC-RW12-1018 0.11506, Description: OC-RW12-1018

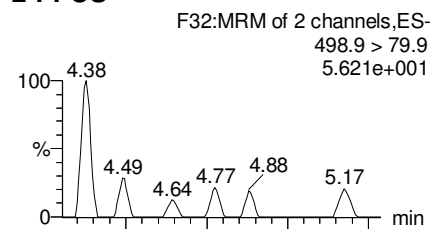
L-PFOA



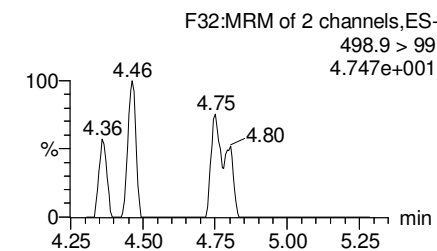
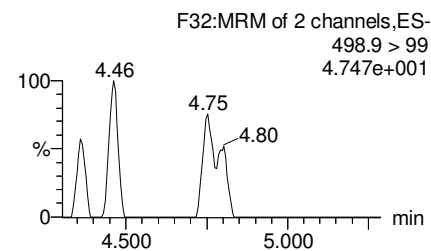
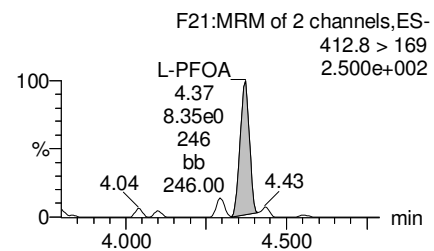
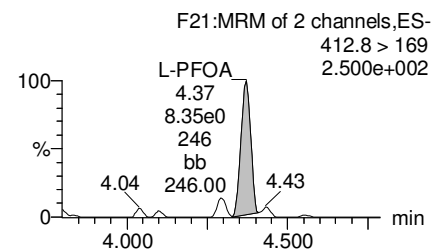
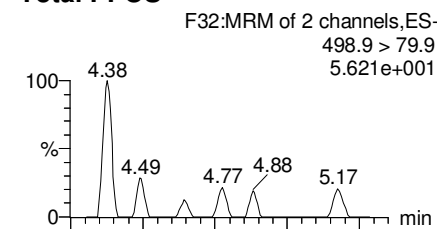
Total PFOA



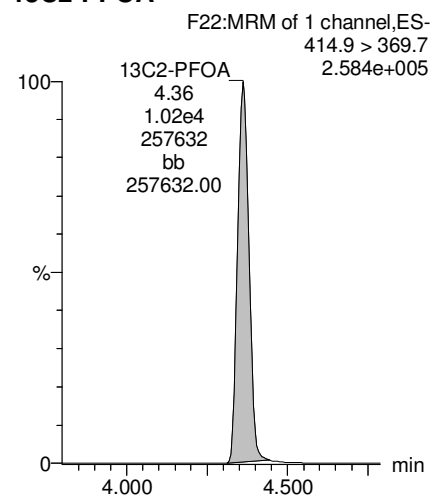
L-PFOS



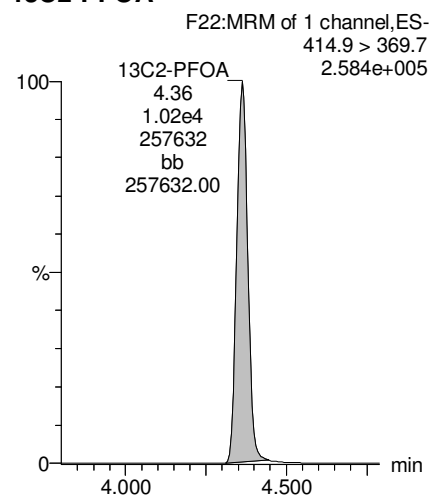
Total PFOS



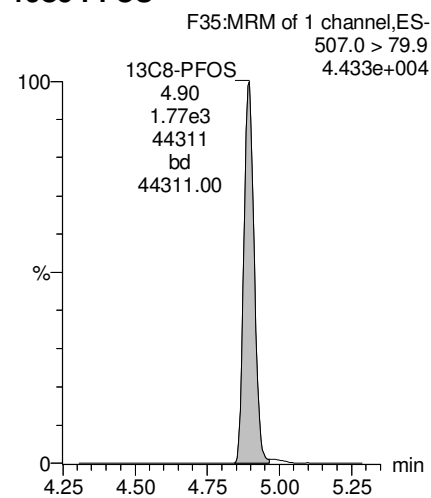
13C2-PFOA



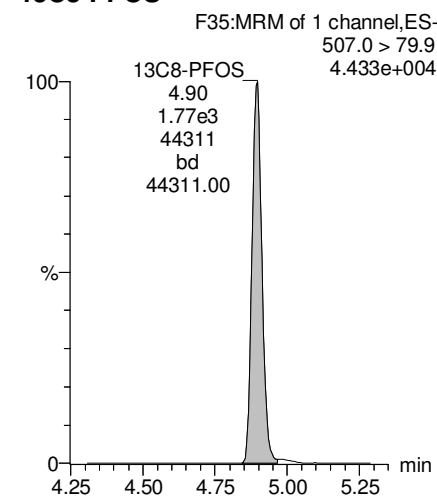
13C2-PFOA



13C8-PFOS



13C8-PFOS



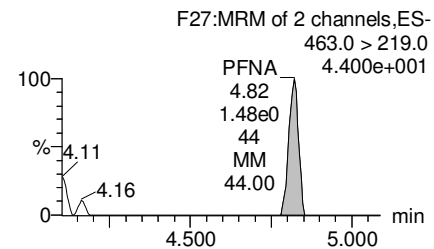
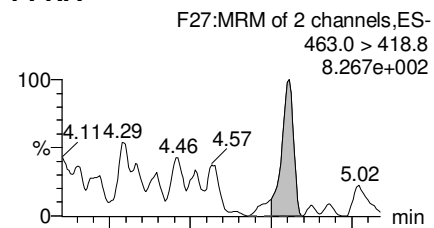
Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-19.qld

Last Altered: Monday, October 22, 2018 13:21:58 Pacific Daylight Time

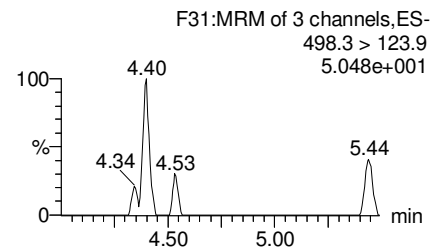
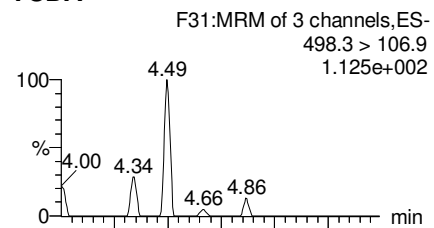
Printed: Monday, October 22, 2018 13:22:54 Pacific Daylight Time

Name: 181017M3_19, Date: 17-Oct-2018, Time: 21:42:04, ID: 1803297-01 OC-RW12-1018 0.11506, Description: OC-RW12-1018

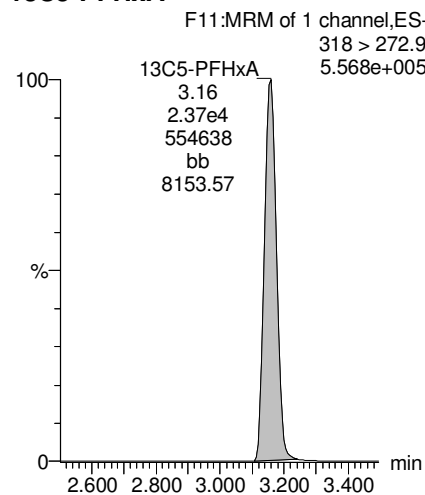
PFNA



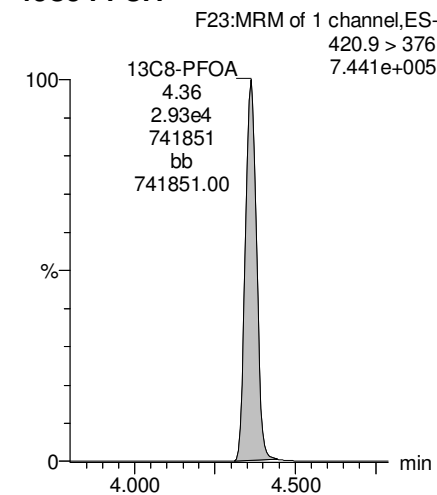
TCDA



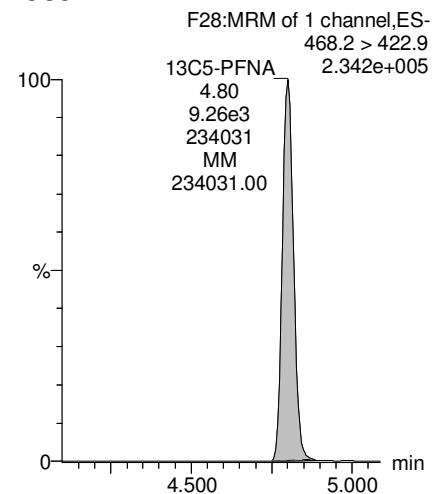
13C5-PFHxA



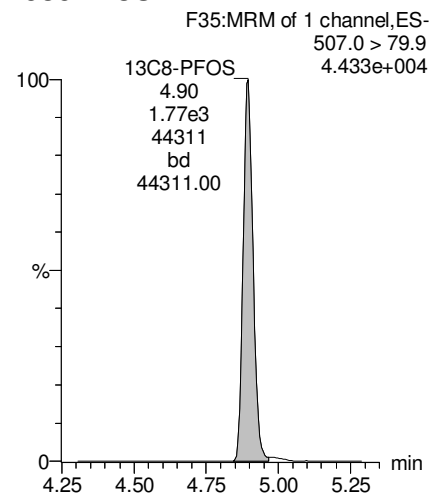
13C8-PFOA



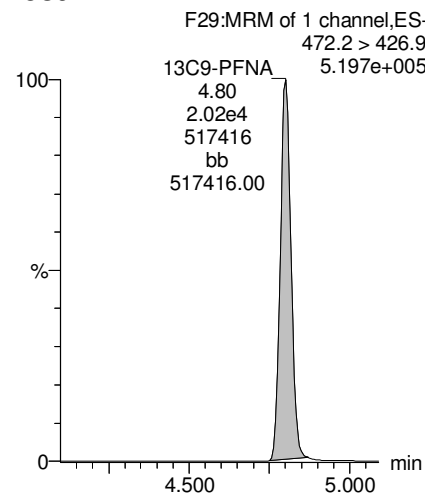
13C5-PFNA



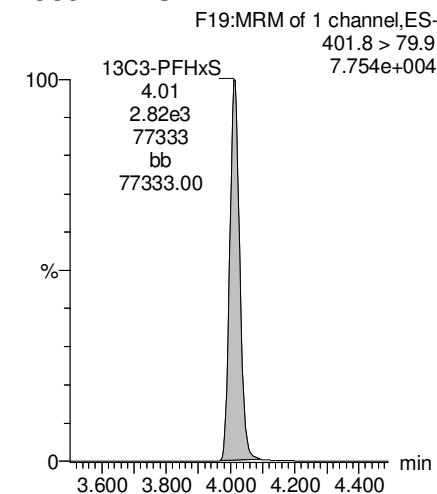
13C8-PFOS



13C9-PFNA



13C3-PFHxS



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-19.qld

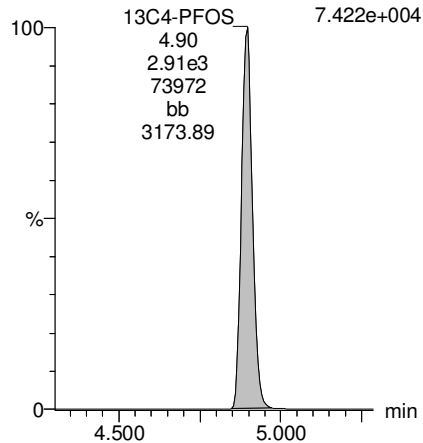
Last Altered: Monday, October 22, 2018 13:21:58 Pacific Daylight Time

Printed: Monday, October 22, 2018 13:22:54 Pacific Daylight Time

Name: 181017M3_19, Date: 17-Oct-2018, Time: 21:42:04, ID: 1803297-01 OC-RW12-1018 0.11506, Description: OC-RW12-1018

13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
7.422e+004



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-20.qld

Last Altered: Monday, October 22, 2018 13:28:01 Pacific Daylight Time

Printed: Monday, October 22, 2018 13:28:50 Pacific Daylight Time

Name: 181017M3_20, Date: 17-Oct-2018, Time: 21:52:43, ID: 1803297-02 OC-FB12-1018 0.11767, Description: OC-FB12-1018

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	3	PFBS	299.0 > 79.7		1.13e3		0.118		2.57				
2	7	PFHpA	363.0 > 318.9		7.17e3		0.118		3.85				
3	8	L-PFHxS	398.9 > 79.6	2.86e0	8.24e2	0.118	0.000	4.02	4.01	0.0433		1.941	NO
4	68	Total PFHxS	398.9 > 79.6	2.86e0	8.24e2	0.118		4.05		0.000			
5	38	13C3-PFBS	302. > 98.8	1.13e3	2.90e3	0.118	0.389	2.63	2.57	4.87	77.5537	73.0	
6	41	13C4-PFHpA	367.2 > 321.8	7.17e3	2.51e4	0.118	0.286	3.75	3.85	3.58	69.0849	65.0	
7	42	18O2-PFHxS	403.0 > 102.6	8.24e2	2.90e3	0.118	0.284	3.90	4.01	3.55	67.3162	63.4	
8	42	18O2-PFHxS	403.0 > 102.6	8.24e2	2.90e3	0.118	0.284	3.90	4.01	3.55	67.3162	63.4	
9	-1												
10	11	L-PFOA	412.8 > 368.9	9.86e1	1.25e4	0.118	0.000	4.30	4.37	0.0989		3.463	NO
11	69	Total PFOA	412.8 > 368.9	9.86e1	1.25e4	0.118		4.00		0.000			
12	16	L-PFOS	498.9 > 79.9		2.31e3	0.118		4.93					
13	70	Total PFOS	498.9 > 79.9	0.00e0	2.31e3	0.118		4.60		0.000			
14	44	13C2-PFOA	414.9 > 369.7	1.25e4	3.07e4	0.118	0.406	4.27	4.36	5.07	62.8506	59.2	
15	44	13C2-PFOA	414.9 > 369.7	1.25e4	3.07e4	0.118	0.406	4.27	4.36	5.07	62.8506	59.2	
16	47	13C8-PFOS	507.0 > 79.9	2.31e3	2.99e3	0.118	0.773	4.79	4.89	9.66	79.5440	74.9	
17	47	13C8-PFOS	507.0 > 79.9	2.31e3	2.99e3	0.118	0.773	4.79	4.89	9.66	79.5440	74.9	
18	-1												
19	14	PFNA	463.0 > 418.8		1.04e4	0.118		4.71					
20	73	TCDA	498.3>106.9			0.118		5.15					
21	61	13C5-PFHxA	318 > 272.9	2.51e4	2.51e4	0.118	1.00	3.12	3.16	12.5	106.2293	100.0	
22	63	13C8-PFOA	420.9 > 376	3.07e4	3.07e4	0.118	1.00	4.27	4.36	12.5	106.2293	100.0	
23	45	13C5-PFNA	468.2 > 422.9	1.04e4	2.14e4	0.118	0.487	4.71	4.80	6.09	55.5184	52.3	
24	47	13C8-PFOS	507.0 > 79.9	2.31e3	2.99e3	0.118	0.773	4.79	4.89	9.66	79.5440	74.9	
25	64	13C9-PFNA	472.2 > 426.9	2.14e4	2.14e4	0.118	1.00	4.71	4.80	12.5	106.2293	100.0	
26	62	13C3-PFHxS	401.8 > 79.9	2.90e3	2.90e3	0.118	1.00	3.90	4.01	12.5	106.2293	100.0	
27	65	13C4-PFOS	503 > 79.9	2.99e3	2.99e3	0.118	1.00	4.79	4.90	12.5	106.2293	100.0	

Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-20.qld

Last Altered: Monday, October 22, 2018 13:28:01 Pacific Daylight Time

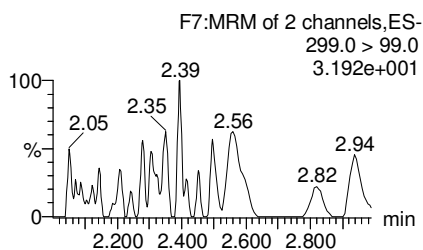
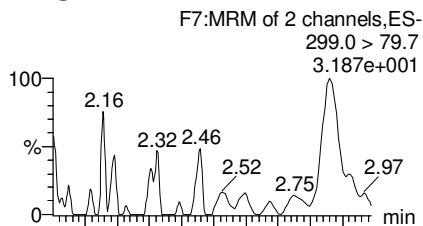
Printed: Monday, October 22, 2018 13:28:50 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 15:52:24

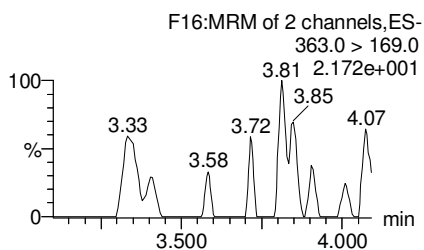
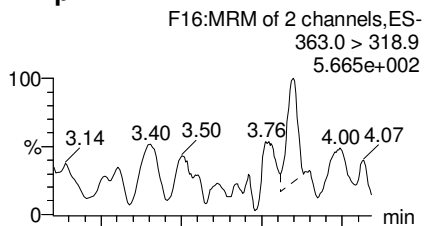
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 13:13:00

Name: 181017M3_20, Date: 17-Oct-2018, Time: 21:52:43, ID: 1803297-02 OC-FB12-1018 0.11767, Description: OC-FB12-1018

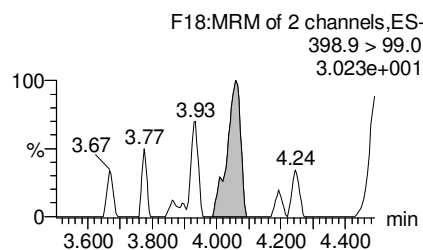
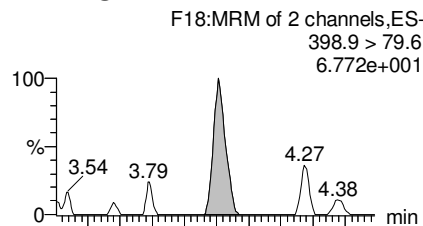
PFBS



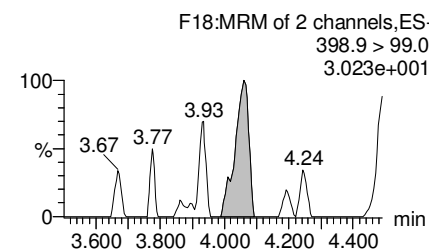
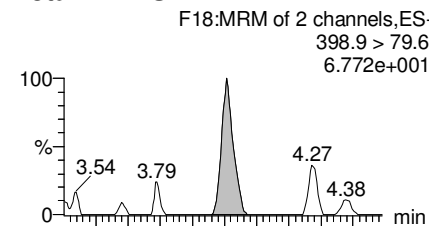
PFHpA



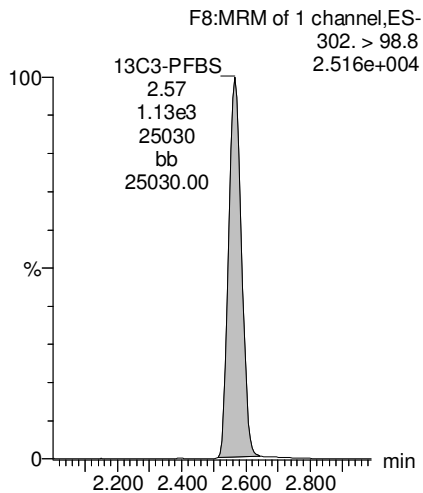
L-PFHxS



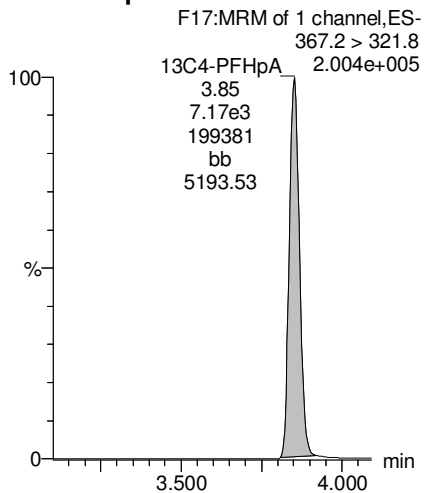
Total PFHxS



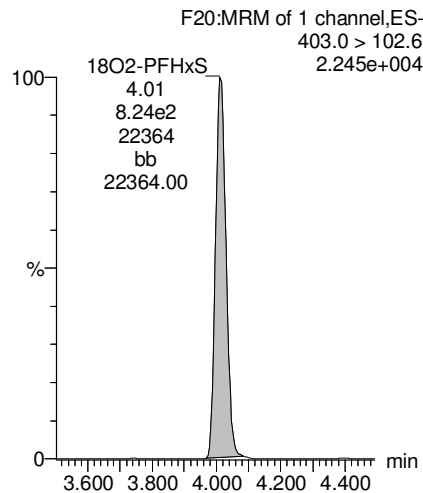
13C3-PFBS



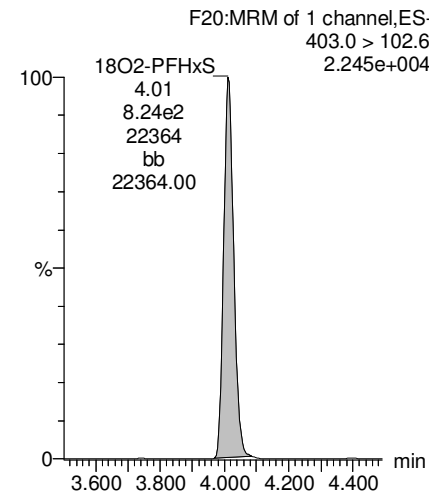
13C4-PFHpA



18O2-PFHxS



18O2-PFHxS



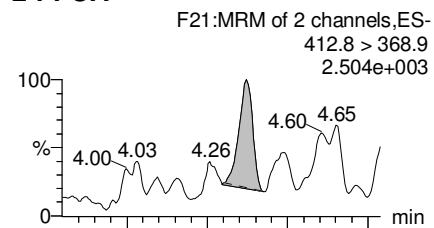
Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-20.qld

Last Altered: Monday, October 22, 2018 13:28:01 Pacific Daylight Time

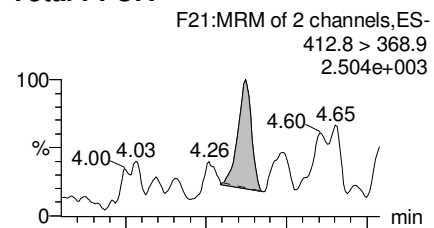
Printed: Monday, October 22, 2018 13:28:50 Pacific Daylight Time

Name: 181017M3_20, Date: 17-Oct-2018, Time: 21:52:43, ID: 1803297-02 OC-FB12-1018 0.11767, Description: OC-FB12-1018

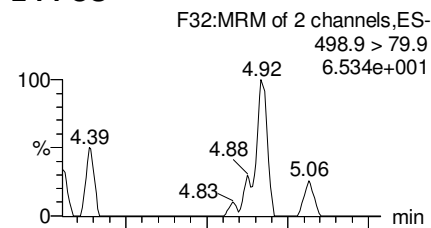
L-PFOA



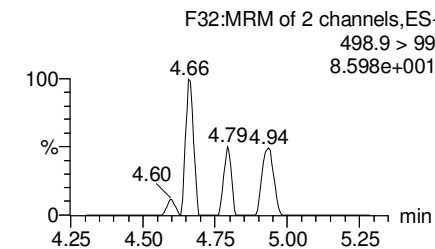
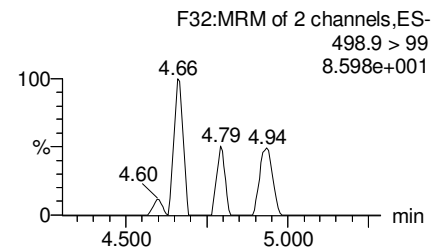
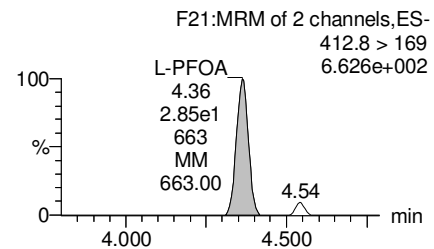
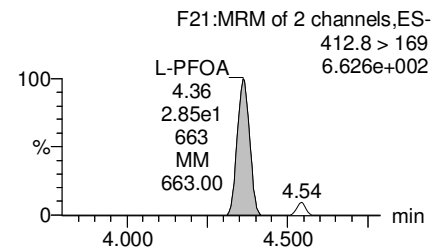
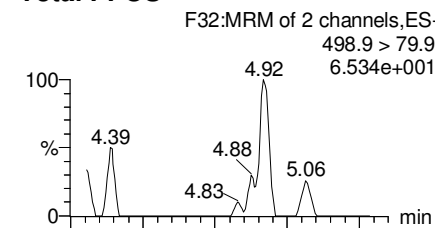
Total PFOA



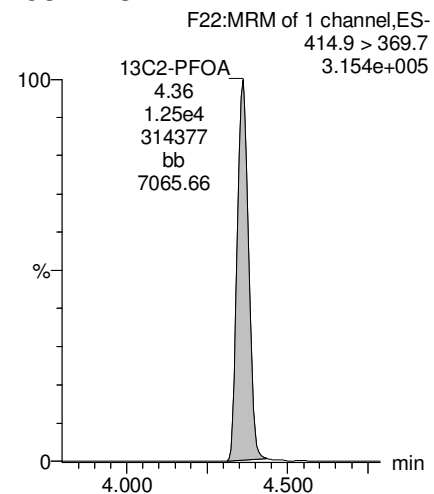
L-PFOS



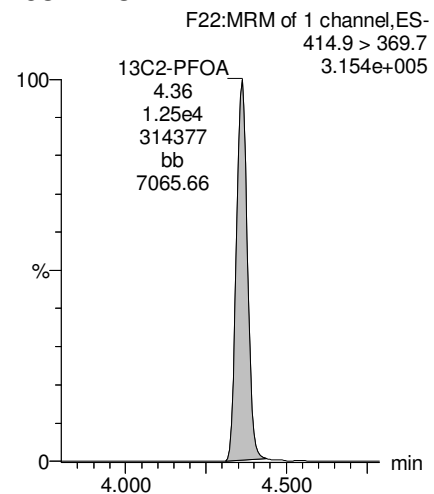
Total PFOS



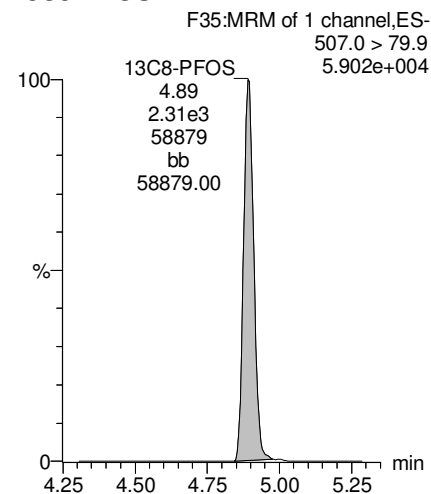
13C2-PFOA



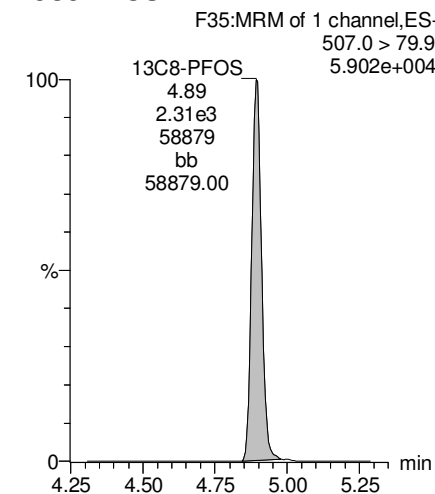
13C2-PFOA



13C8-PFOS



13C8-PFOS



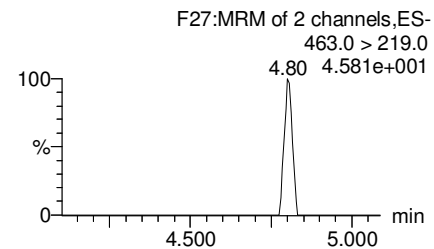
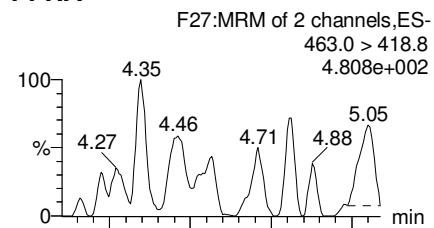
Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-20.qld

Last Altered: Monday, October 22, 2018 13:28:01 Pacific Daylight Time

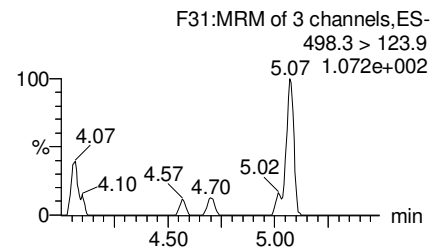
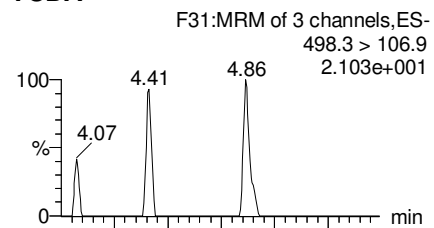
Printed: Monday, October 22, 2018 13:28:50 Pacific Daylight Time

Name: 181017M3_20, Date: 17-Oct-2018, Time: 21:52:43, ID: 1803297-02 OC-FB12-1018 0.11767, Description: OC-FB12-1018

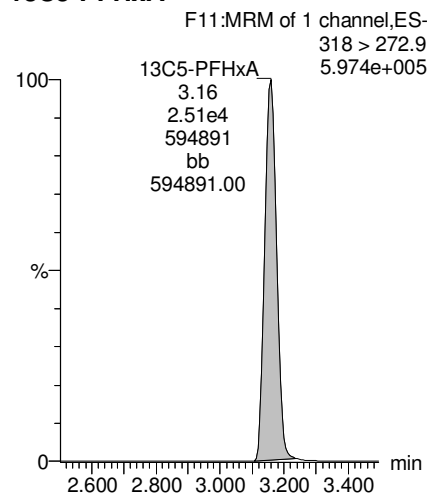
PFNA



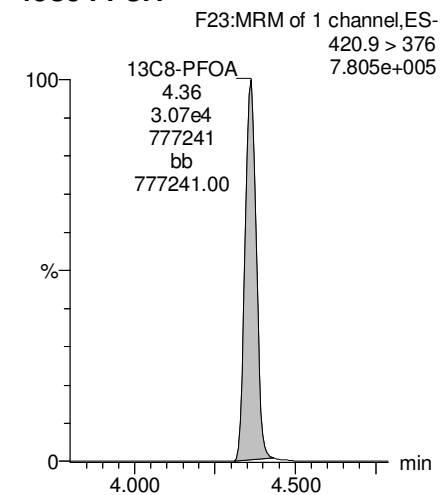
TCDA



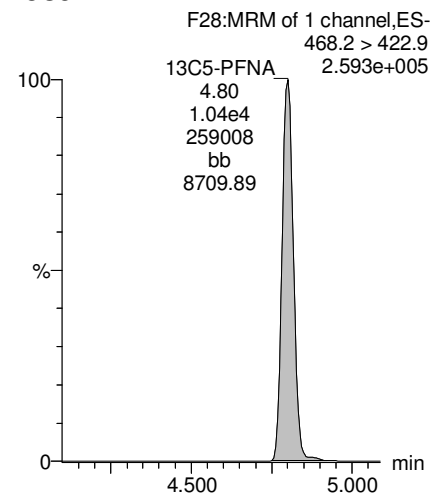
13C5-PFHxA



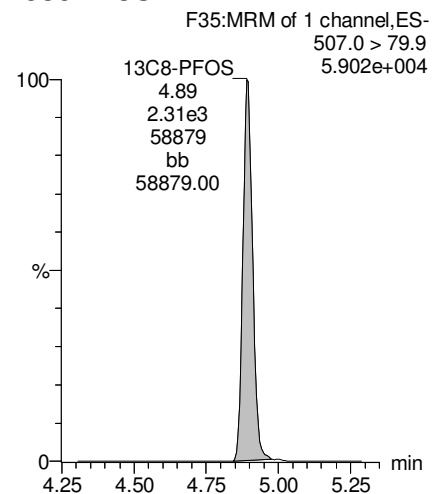
13C8-PFOA



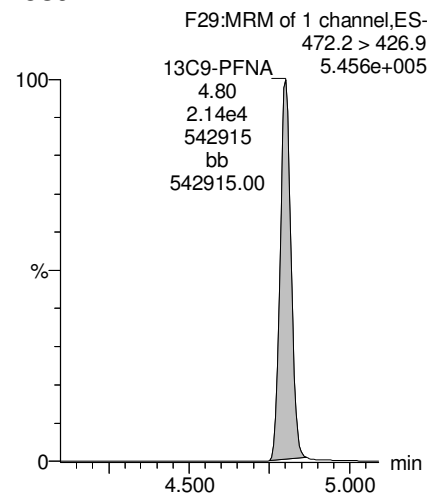
13C5-PFNA



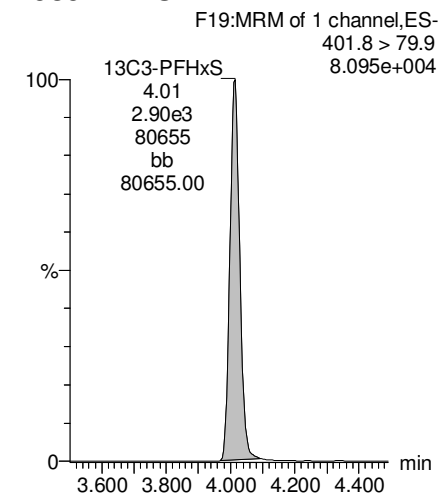
13C8-PFOS



13C9-PFNA



13C3-PFHxS



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-20.qld

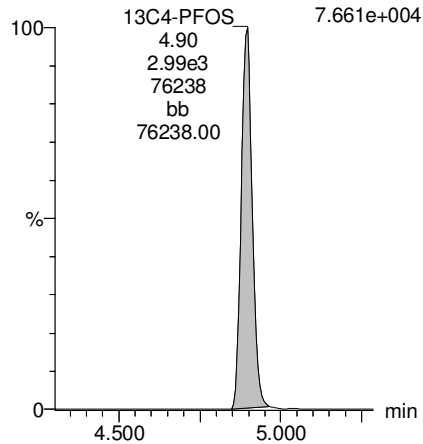
Last Altered: Monday, October 22, 2018 13:28:01 Pacific Daylight Time

Printed: Monday, October 22, 2018 13:28:50 Pacific Daylight Time

Name: 181017M3_20, Date: 17-Oct-2018, Time: 21:52:43, ID: 1803297-02 OC-FB12-1018 0.11767, Description: OC-FB12-1018

13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
7.661e+004



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-21.qld

Last Altered: Wednesday, October 24, 2018 09:33:42 Pacific Daylight Time

Printed: Wednesday, October 24, 2018 09:34:53 Pacific Daylight Time

Name: 181017M3_21, Date: 17-Oct-2018, Time: 22:03:21, ID: 1803297-03 OC-RW06-1018 0.11513, Description: OC-RW06-1018

	# Name	Trace	Area	IS Area	wt/vol RRF M...	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	3 PFBS	299.0 > 79.7	7.11e1	1.07e3	0.115	2.57	2.56	0.830	3.7572		2.739	NO
2	7 PFHpA	363.0 > 318.9	1.32e3	7.17e3	0.115	3.85	3.85	2.31	14.6324		10.260	NO
3	8 L-PFHxS	398.9 > 79.6	2.93e2	8.37e2	0.115	4.03	4.01	4.38	19.9128		2.354	YES
4	68 Total PFHxS	398.9 > 79.6	2.93e2	8.37e2	0.115	4.05		4.38	19.9128			
5	38 13C3-PFBS	302. > 98.8	1.07e3	3.10e3	0.115	0.533	2.63	2.57	4.33	70.4647	64.9	
6	41 13C4-PFHpA	367.2 > 321.8	7.17e3	2.70e4	0.115	0.440	3.75	3.85	3.32	65.5438	60.4	
7	42 18O2-PFHxS	403.0 > 102.6	8.37e2	3.10e3	0.115	0.448	3.90	4.01	3.38	65.5698	60.4	
8	42 18O2-PFHxS	403.0 > 102.6	8.37e2	3.10e3	0.115	0.448	3.90	4.01	3.38	65.5698	60.4	
9	-1											
10	11 L-PFOA	412.8 > 368.9	7.98e3	1.27e4	0.115	4.30	4.36	7.85	44.5860		3.331	NO
11	69 Total PFOA	412.8 > 368.9	7.98e3	1.27e4	0.115	4.00		7.85	44.5860			
12	16 L-PFOS	498.9 > 79.9	1.93e3	2.14e3	0.115	4.93	4.89	11.3	85.3620		2.637	YES
13	70 Total PFOS	498.9 > 79.9	1.93e3	2.14e3	0.115	4.60		11.3	85.3620			
14	44 13C2-PFOA	414.9 > 369.7	1.27e4	3.29e4	0.115	0.686	4.27	4.36	4.83	61.1268	56.3	
15	44 13C2-PFOA	414.9 > 369.7	1.27e4	3.29e4	0.115	0.686	4.27	4.36	4.83	61.1268	56.3	
16	47 13C8-PFOS	507.0 > 79.9	2.14e3	3.26e3	0.115	1.032	4.79	4.90	8.22	69.2033	63.7	
17	47 13C8-PFOS	507.0 > 79.9	2.14e3	3.26e3	0.115	1.032	4.79	4.90	8.22	69.2033	63.7	
18	-1											
19	14 PFNA	463.0 > 418.8	8.59e2	1.10e4	0.115	4.71	4.80	0.976	5.8748		4.720	NO
20	73 TCDA	498.3>106.9			0.115	5.15						
21	61 13C5-PFHxA	318 > 272.9	2.70e4	2.70e4	0.115	1.000	3.12	3.16	12.5	108.5729	100.0	
22	63 13C8-PFOA	420.9 > 376	3.29e4	3.29e4	0.115	1.000	4.27	4.36	12.5	108.5729	100.0	
23	45 13C5-PFNA	468.2 > 422.9	1.10e4	2.20e4	0.115	0.932	4.71	4.80	6.25	58.2238	53.6	
24	47 13C8-PFOS	507.0 > 79.9	2.14e3	3.26e3	0.115	1.032	4.79	4.90	8.22	69.2033	63.7	
25	64 13C9-PFNA	472.2 > 426.9	2.20e4	2.20e4	0.115	1.000	4.71	4.80	12.5	108.5729	100.0	
26	62 13C3-PFHxS	401.8 > 79.9	3.10e3	3.10e3	0.115	1.000	3.90	4.01	12.5	108.5729	100.0	
27	65 13C4-PFOS	503 > 79.9	3.26e3	3.26e3	0.115	1.000	4.79	4.90	12.5	108.5729	100.0	

Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-21.qld

Last Altered: Wednesday, October 24, 2018 09:33:42 Pacific Daylight Time

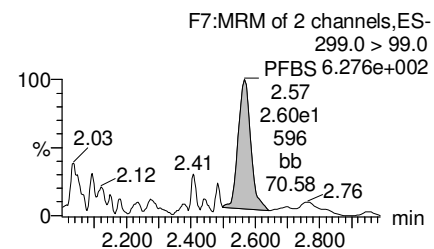
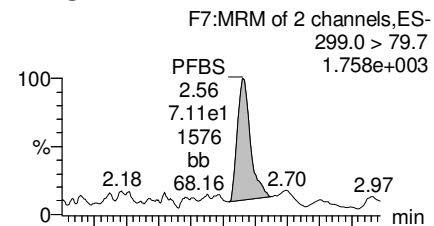
Printed: Wednesday, October 24, 2018 09:34:53 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 15:52:24

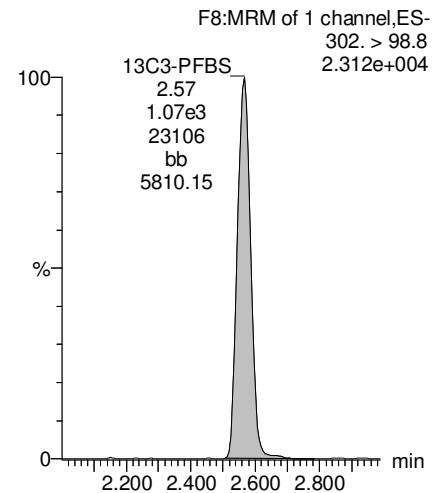
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 13:13:00

Name: 181017M3_21, Date: 17-Oct-2018, Time: 22:03:21, ID: 1803297-03 OC-RW06-1018 0.11513, Description: OC-RW06-1018

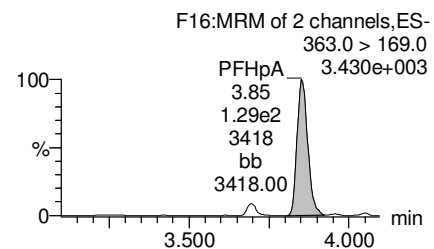
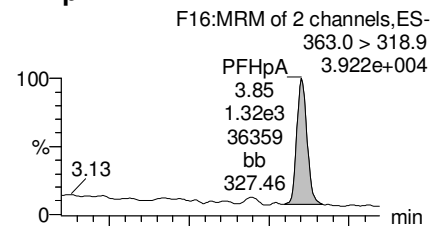
PFBS



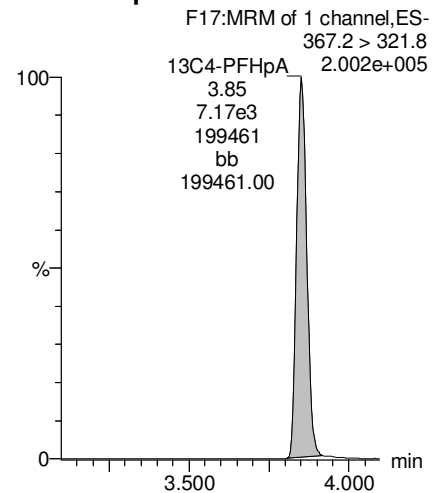
13C3-PFBS



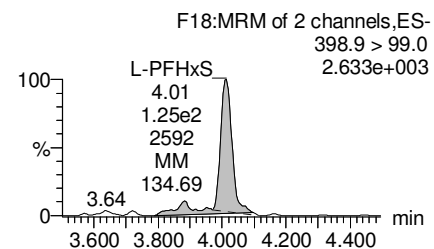
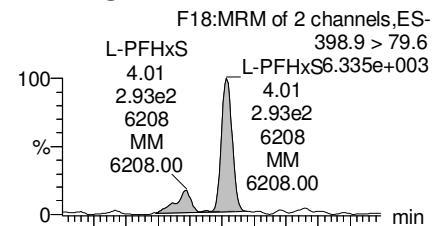
PFHpA



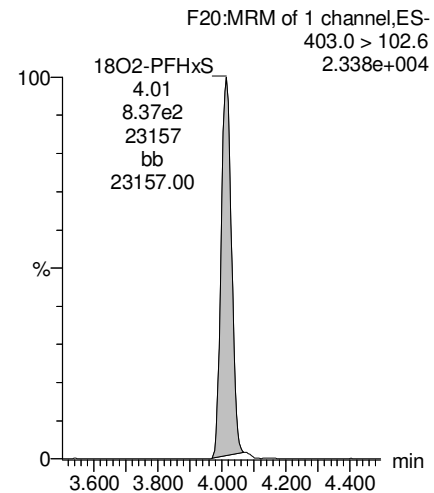
13C4-PFHpA



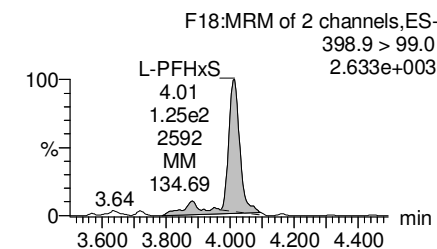
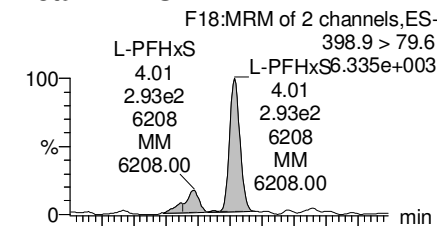
L-PFHxS



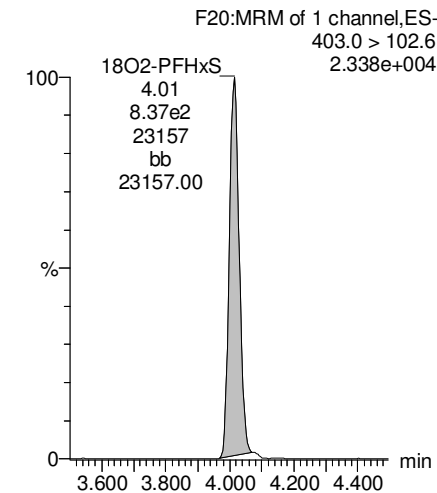
18O2-PFHxS



Total PFHxS



18O2-PFHxS



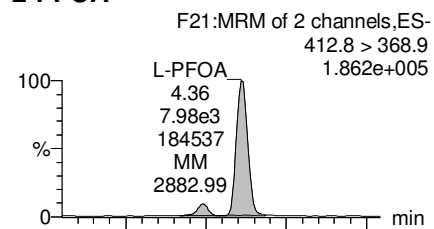
Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-21.qld

Last Altered: Wednesday, October 24, 2018 09:33:42 Pacific Daylight Time

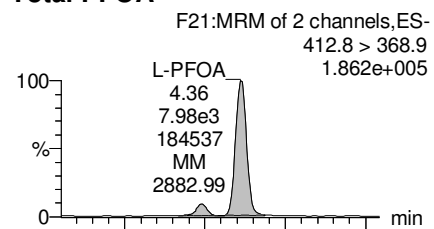
Printed: Wednesday, October 24, 2018 09:34:53 Pacific Daylight Time

Name: 181017M3_21, Date: 17-Oct-2018, Time: 22:03:21, ID: 1803297-03 OC-RW06-1018 0.11513, Description: OC-RW06-1018

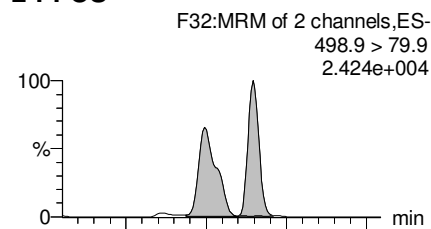
L-PFOA



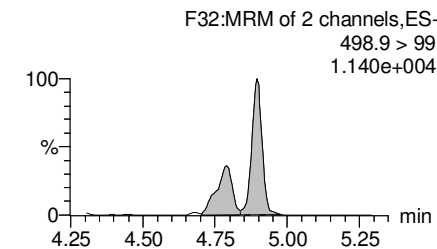
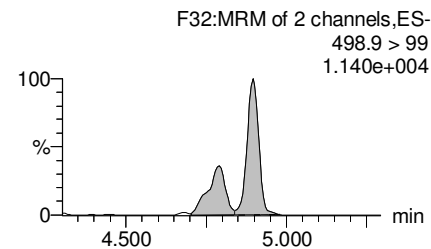
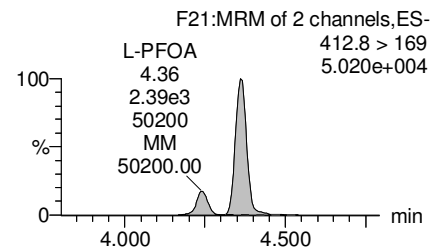
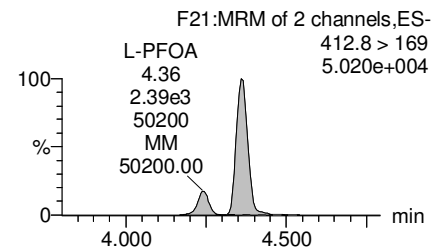
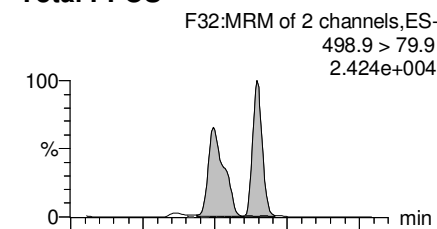
Total PFOA



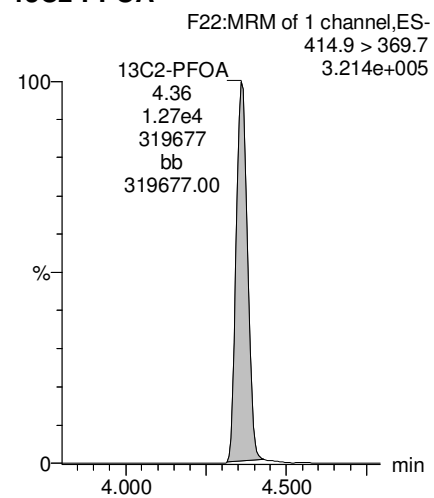
L-PFOS



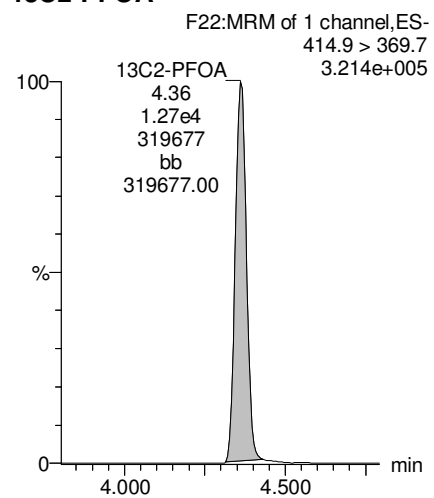
Total PFOS



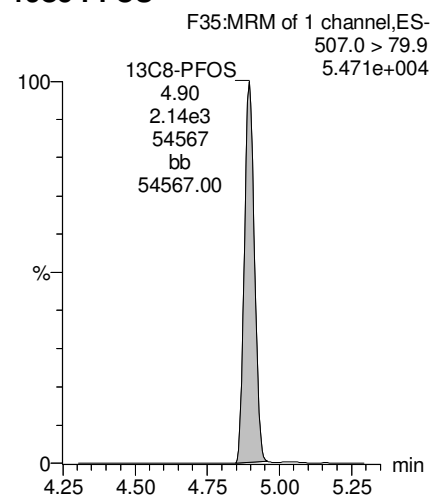
13C2-PFOA



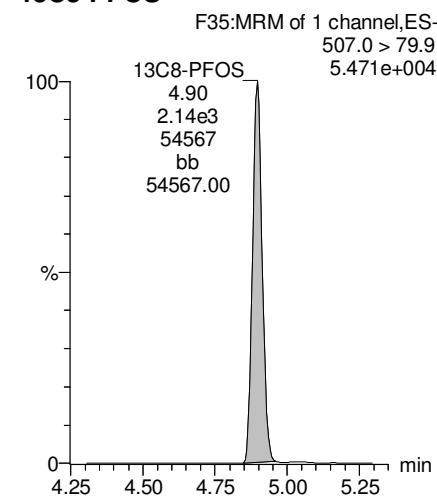
13C2-PFOA



13C8-PFOS



13C8-PFOS



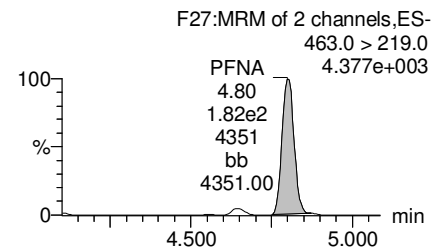
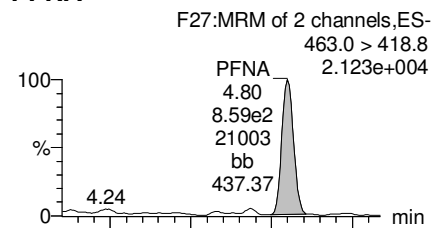
Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-21.qld

Last Altered: Wednesday, October 24, 2018 09:33:42 Pacific Daylight Time

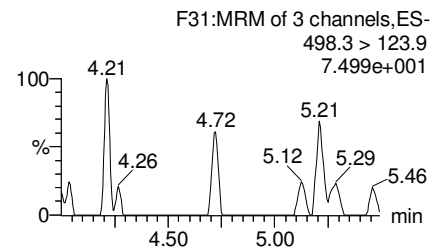
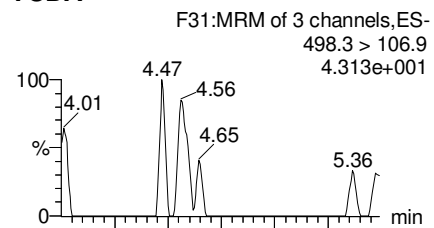
Printed: Wednesday, October 24, 2018 09:34:53 Pacific Daylight Time

Name: 181017M3_21, Date: 17-Oct-2018, Time: 22:03:21, ID: 1803297-03 OC-RW06-1018 0.11513, Description: OC-RW06-1018

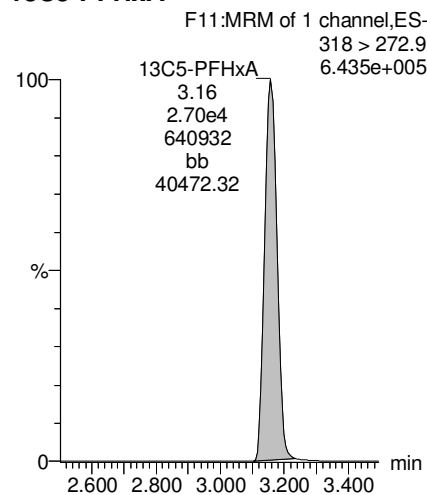
PFNA



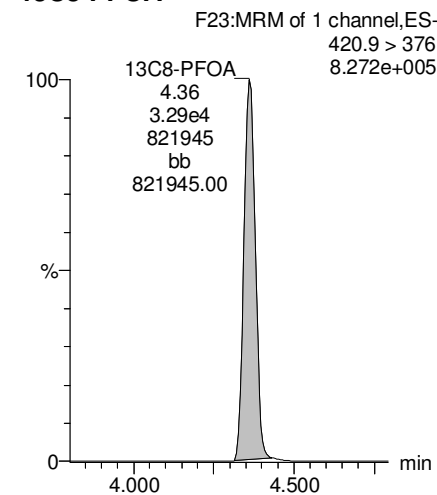
TCDA



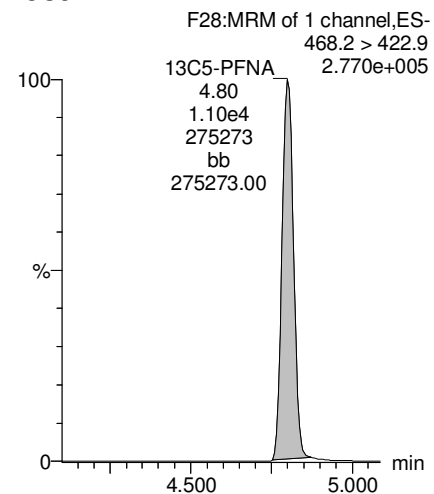
13C5-PFHxA



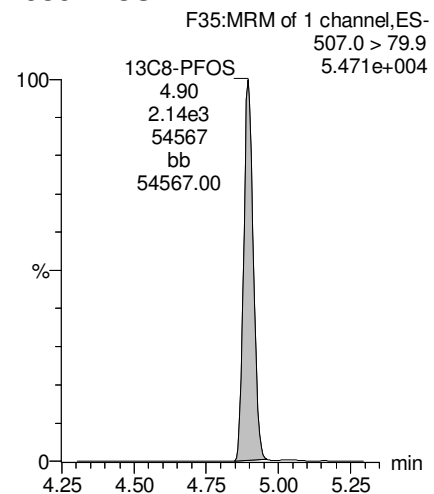
13C8-PFOA



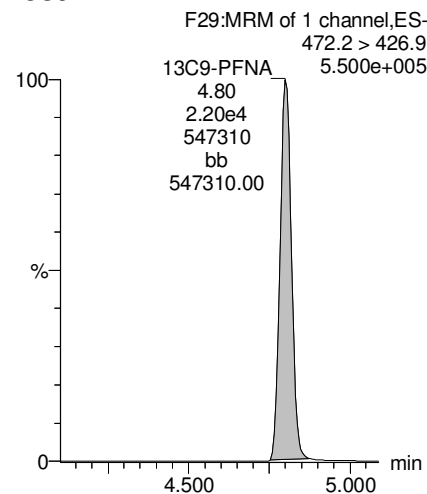
13C5-PFNA



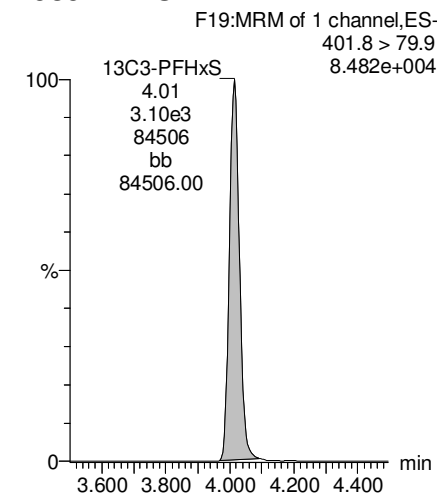
13C8-PFOS



13C9-PFNA



13C3-PFHxS



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-21.qld

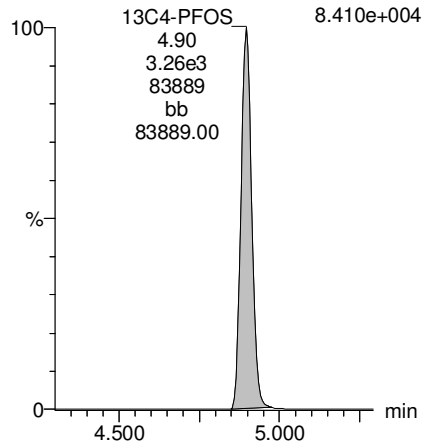
Last Altered: Wednesday, October 24, 2018 09:33:42 Pacific Daylight Time

Printed: Wednesday, October 24, 2018 09:34:53 Pacific Daylight Time

Name: 181017M3_21, Date: 17-Oct-2018, Time: 22:03:21, ID: 1803297-03 OC-RW06-1018 0.11513, Description: OC-RW06-1018

13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
8.410e+004



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-22.qld

Last Altered: Monday, October 22, 2018 13:35:53 Pacific Daylight Time

Printed: Monday, October 22, 2018 13:37:02 Pacific Daylight Time

Name: 181017M3_22, Date: 17-Oct-2018, Time: 22:13:55, ID: 1803297-04 OC-FB06-1018 0.11712, Description: OC-FB06-1018

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	3	PFBS	299.0 > 79.7		1.38e3	0.117		2.57					
2	7	PFHpA	363.0 > 318.9		9.05e3	0.117		3.85					
3	8	L-PFHxS	398.9 > 79.6		1.13e3	0.117		4.02					
4	68	Total PFHxS	398.9 > 79.6	0.00e0	1.13e3	0.117		4.05	0.000				
5	38	13C3-PFBS	302. > 98.8	1.38e3	3.11e3	0.117	0.444	2.63	2.57	5.55	88.9421	83.3	
6	41	13C4-PFHpA	367.2 > 321.8	9.05e3	2.56e4	0.117	0.354	3.75	3.85	4.43	85.9319	80.5	
7	42	18O2-PFHxS	403.0 > 102.6	1.13e3	3.11e3	0.117	0.364	3.90	4.01	4.55	86.7150	81.2	
8	42	18O2-PFHxS	403.0 > 102.6	1.13e3	3.11e3	0.117	0.364	3.90	4.01	4.55	86.7150	81.2	
9	-1												
10	11	L-PFOA	412.8 > 368.9	9.84e1	1.58e4	0.117	0.000	4.30	4.36	0.0777		3.056	NO
11	69	Total PFOA	412.8 > 368.9	9.84e1	1.58e4	0.117		4.00		0.000			
12	16	L-PFOS	498.9 > 79.9		2.71e3	0.117		4.93					
13	70	Total PFOS	498.9 > 79.9	0.00e0	2.71e3	0.117		4.60	0.000				
14	44	13C2-PFOA	414.9 > 369.7	1.58e4	3.24e4	0.117	0.488	4.27	4.36	6.11	76.0071	71.2	
15	44	13C2-PFOA	414.9 > 369.7	1.58e4	3.24e4	0.117	0.488	4.27	4.36	6.11	76.0071	71.2	
16	47	13C8-PFOS	507.0 > 79.9	2.71e3	3.23e3	0.117	0.838	4.79	4.90	10.5	86.6950	81.2	
17	47	13C8-PFOS	507.0 > 79.9	2.71e3	3.23e3	0.117	0.838	4.79	4.90	10.5	86.6950	81.2	
18	-1												
19	14	PFNA	463.0 > 418.8		1.33e4	0.117		4.71					
20	73	TCDA	498.3>106.9			0.117		5.15					
21	61	13C5-PFHxA	318 > 272.9	2.56e4	2.56e4	0.117	1.00	3.12	3.16	12.5	106.7281	100.0	
22	63	13C8-PFOA	420.9 > 376	3.24e4	3.24e4	0.117	1.00	4.27	4.36	12.5	106.7281	100.0	
23	45	13C5-PFNA	468.2 > 422.9	1.33e4	2.24e4	0.117	0.593	4.71	4.80	7.41	67.8642	63.6	
24	47	13C8-PFOS	507.0 > 79.9	2.71e3	3.23e3	0.117	0.838	4.79	4.90	10.5	86.6950	81.2	
25	64	13C9-PFNA	472.2 > 426.9	2.24e4	2.24e4	0.117	1.00	4.71	4.80	12.5	106.7281	100.0	
26	62	13C3-PFHxS	401.8 > 79.9	3.11e3	3.11e3	0.117	1.00	3.90	4.01	12.5	106.7281	100.0	
27	65	13C4-PFOS	503 > 79.9	3.23e3	3.23e3	0.117	1.00	4.79	4.90	12.5	106.7281	100.0	

Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-22.qld

Last Altered: Monday, October 22, 2018 13:35:53 Pacific Daylight Time

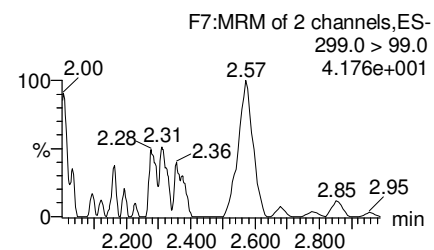
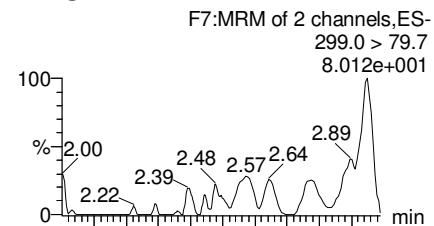
Printed: Monday, October 22, 2018 13:37:02 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 15:52:24

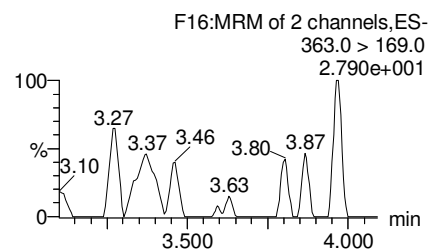
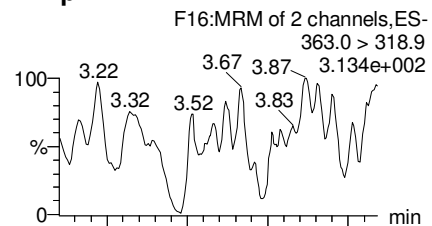
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 13:13:00

Name: 181017M3_22, Date: 17-Oct-2018, Time: 22:13:55, ID: 1803297-04 OC-FB06-1018 0.11712, Description: OC-FB06-1018

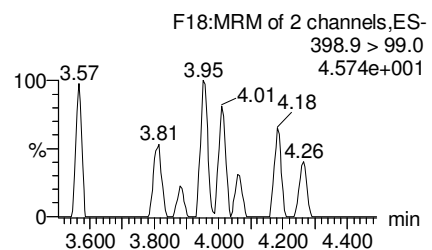
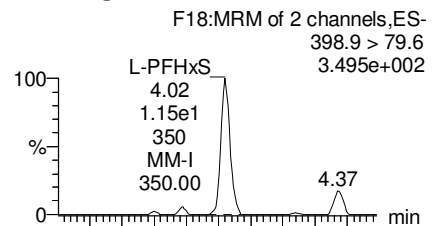
PFBS



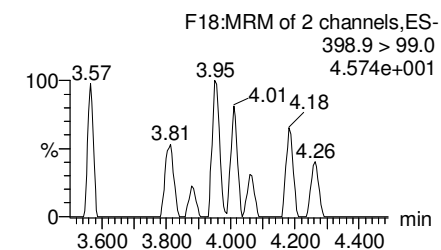
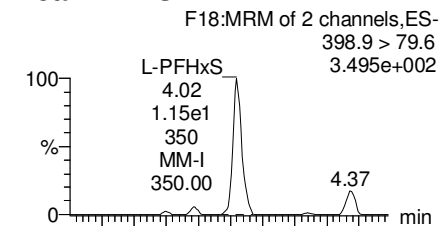
PFHpA



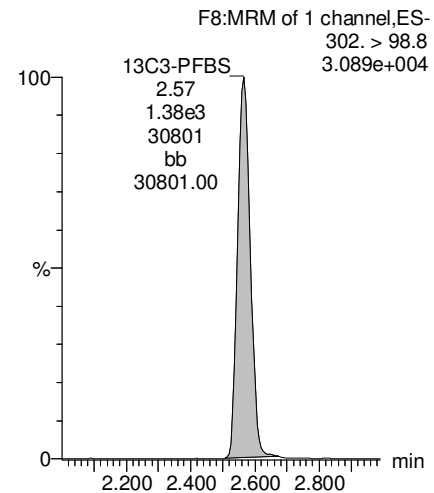
L-PFHxS



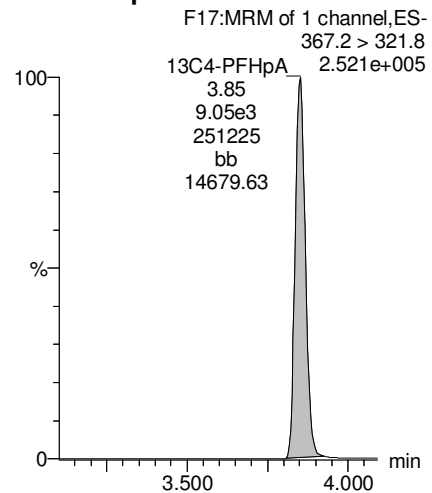
Total PFHxS



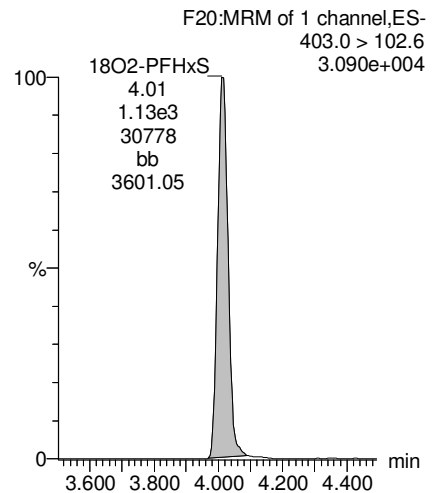
13C3-PFBS



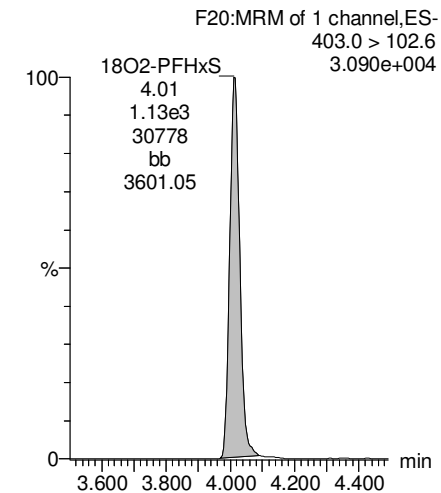
13C4-PFHpA



18O2-PFHxS



18O2-PFHxS



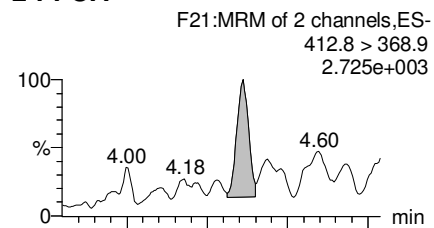
Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-22.qld

Last Altered: Monday, October 22, 2018 13:35:53 Pacific Daylight Time

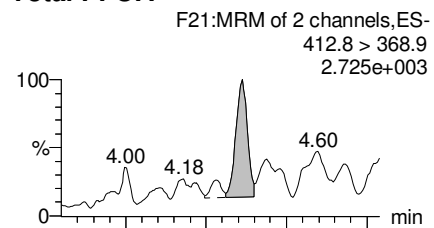
Printed: Monday, October 22, 2018 13:37:02 Pacific Daylight Time

Name: 181017M3_22, Date: 17-Oct-2018, Time: 22:13:55, ID: 1803297-04 OC-FB06-1018 0.11712, Description: OC-FB06-1018

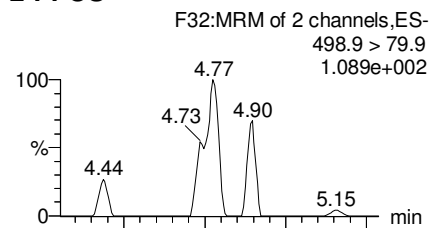
L-PFOA



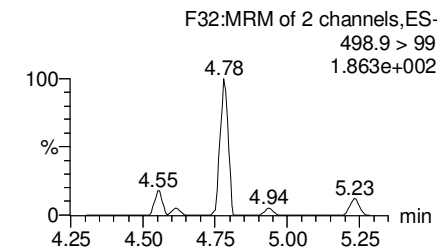
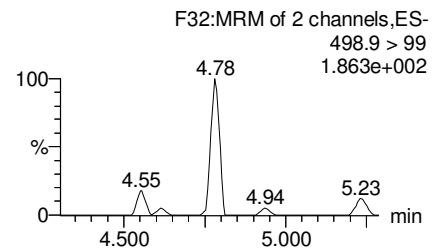
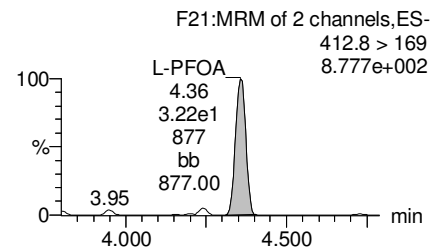
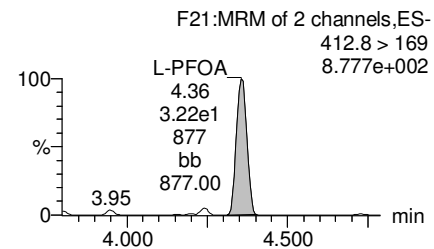
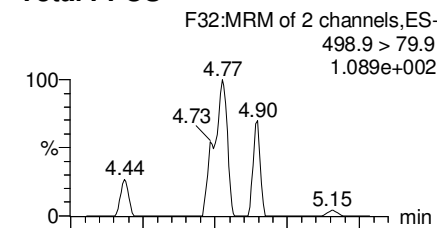
Total PFOA



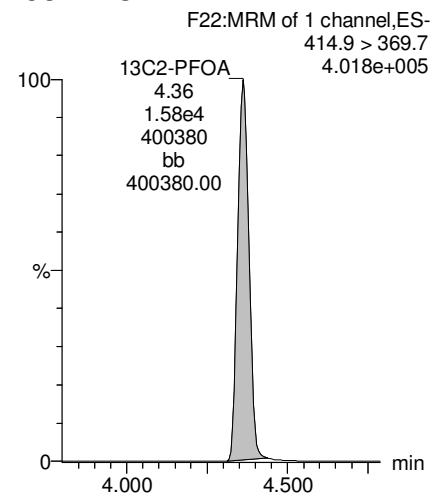
L-PFOS



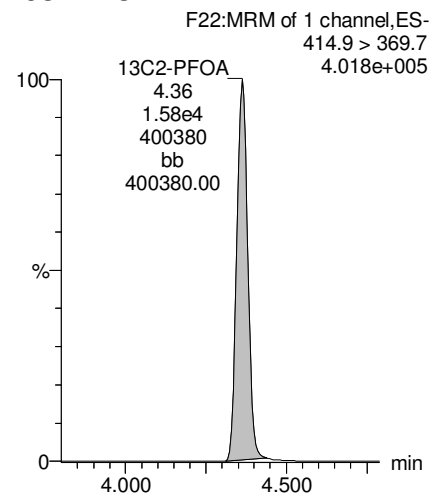
Total PFOS



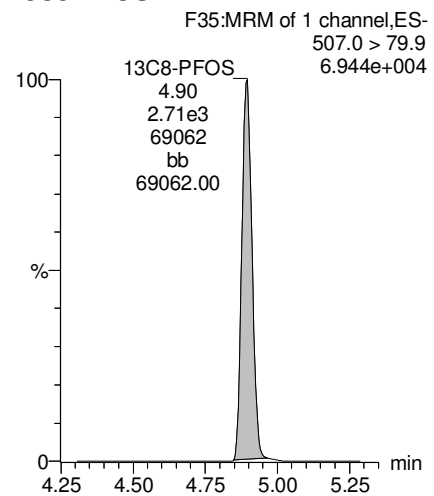
13C2-PFOA



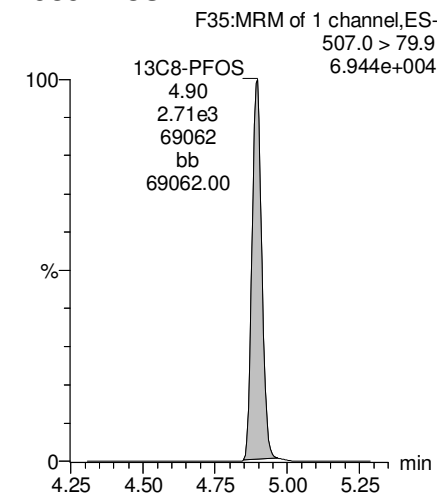
13C2-PFOA



13C8-PFOS



13C8-PFOS



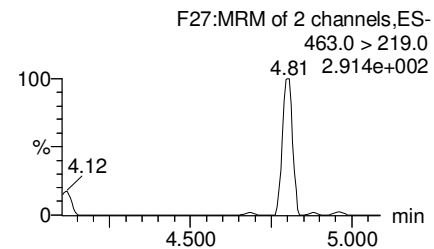
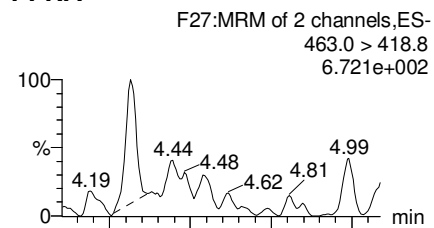
Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-22.qld

Last Altered: Monday, October 22, 2018 13:35:53 Pacific Daylight Time

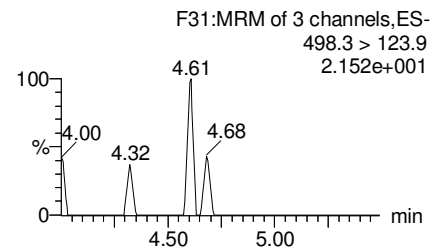
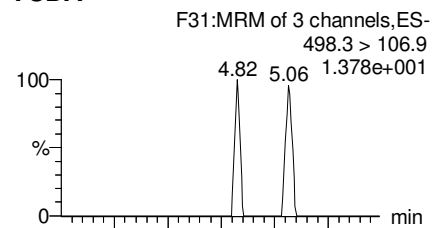
Printed: Monday, October 22, 2018 13:37:02 Pacific Daylight Time

Name: 181017M3_22, Date: 17-Oct-2018, Time: 22:13:55, ID: 1803297-04 OC-FB06-1018 0.11712, Description: OC-FB06-1018

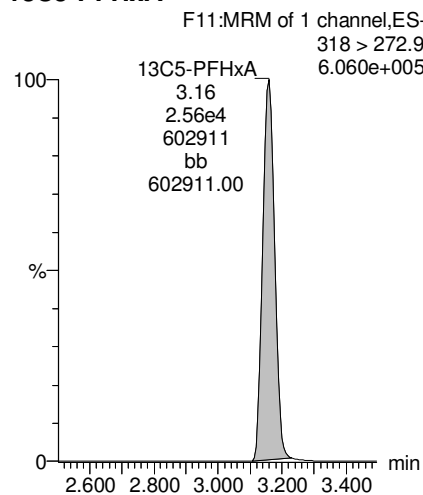
PFNA



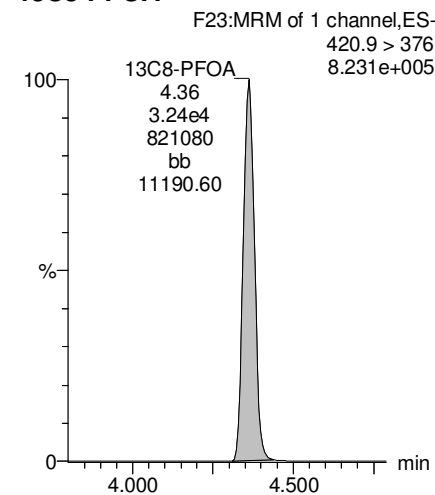
TCDA



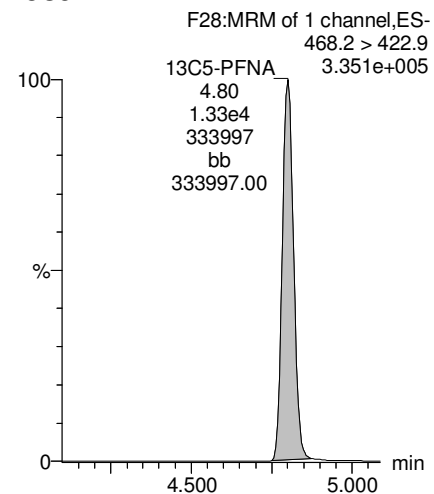
13C5-PFHxA



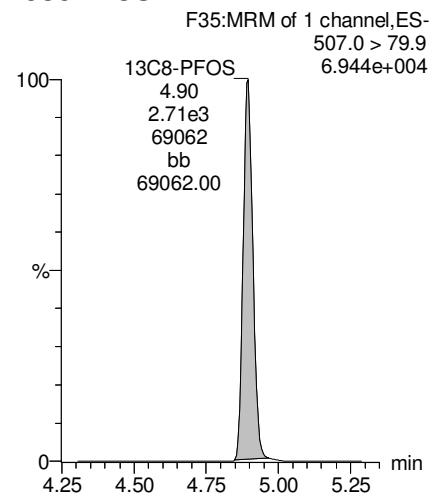
13C8-PFOA



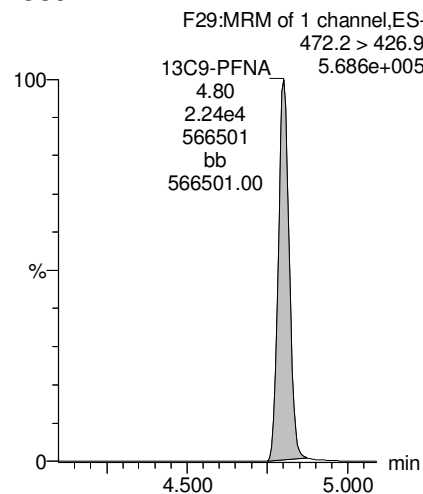
13C5-PFNA



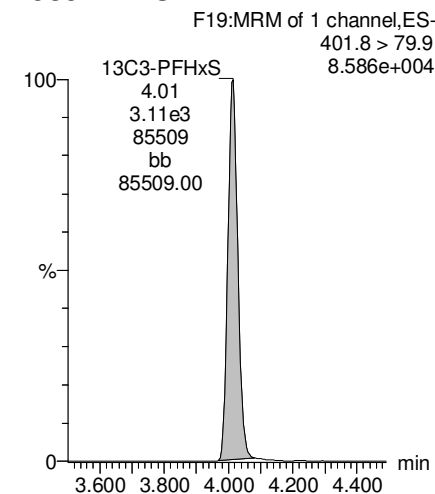
13C8-PFOS



13C9-PFNA



13C3-PFHxS



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-22.qld

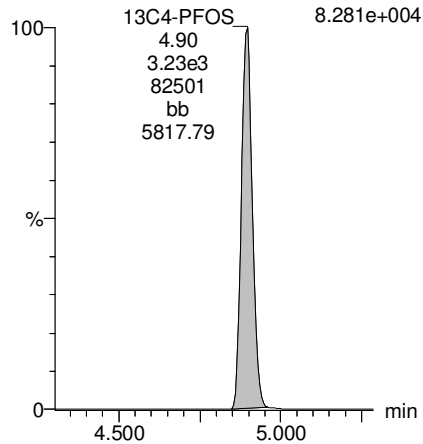
Last Altered: Monday, October 22, 2018 13:35:53 Pacific Daylight Time

Printed: Monday, October 22, 2018 13:37:02 Pacific Daylight Time

Name: 181017M3_22, Date: 17-Oct-2018, Time: 22:13:55, ID: 1803297-04 OC-FB06-1018 0.11712, Description: OC-FB06-1018

13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
8.281e+004



**INJECTION INTERNAL STANDARD (IIS) AREAS,
INSTRUMENT BLANKS (IB)
AND
CONTINUING CALIBRATION VERIFICATIONS (CCV)**

Dataset: F:\Projects\PFAS.PRO\Results\181017M3\181017M3-IIS AREAS.qld

Last Altered: Thursday, October 18, 2018 11:37:06 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:38:07 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_RS-10-12-18.mdb 12 Oct 2018 09:15:26

Calibration: 18 Oct 2018 11:37:06

Name: 181017M3_2, Date: 17-Oct-2018, Time: 18:41:57, ID: ST181017M3-1 PFC CS0 18J0803, Description: PFC CS0 18J0803

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181017M3-1 PFC CS0 18J0803	9.72e3	100.0	NO
2	2 13C5-PFHxA	ST181017M3-1 PFC CS0 18J0803	3.03e4	100.0	NO
3	3 13C3-PFHxS	ST181017M3-1 PFC CS0 18J0803	3.39e3	100.0	NO
4	4 13C8-PFOA	ST181017M3-1 PFC CS0 18J0803	3.60e4	100.0	NO
5	5 13C9-PFNA	ST181017M3-1 PFC CS0 18J0803	2.41e4	100.0	NO
6	6 13C4-PFOS	ST181017M3-1 PFC CS0 18J0803	3.44e3	100.0	NO
7	7 13C6-PFDA	ST181017M3-1 PFC CS0 18J0803	2.79e4	100.0	NO
8	8 13C7-PFUDa	ST181017M3-1 PFC CS0 18J0803	3.12e4	100.0	NO

Name: 181017M3_3, Date: 17-Oct-2018, Time: 18:52:36, ID: 1803187-06 GW1809261230GC 0.24888, Description: GW1809261230GC

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803187-06 GW1809261230GC 0.24888	1.11e4	114.1	NO
2	2 13C5-PFHxA	1803187-06 GW1809261230GC 0.24888	1.65e4	54.4	NO
3	3 13C3-PFHxS	1803187-06 GW1809261230GC 0.24888	3.61e3	106.5	NO
4	4 13C8-PFOA	1803187-06 GW1809261230GC 0.24888	1.97e4	54.7	NO
5	5 13C9-PFNA	1803187-06 GW1809261230GC 0.24888	1.36e4	56.5	NO
6	6 13C4-PFOS	1803187-06 GW1809261230GC 0.24888	3.85e3	111.9	NO
7	7 13C6-PFDA	1803187-06 GW1809261230GC 0.24888	1.52e4	54.5	NO
8	8 13C7-PFUDa	1803187-06 GW1809261230GC 0.24888	1.90e4	60.8	NO

Name: 181017M3_4, Date: 17-Oct-2018, Time: 19:03:09, ID: 1803187-07 GW1809261405SK 0.25701, Description: GW1809261405SK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803187-07 GW1809261405SK 0.25701	1.54e4	158.1	YES
2	2 13C5-PFHxA	1803187-07 GW1809261405SK 0.25701	2.85e4	94.2	NO
3	3 13C3-PFHxS	1803187-07 GW1809261405SK 0.25701	3.59e3	106.1	NO
4	4 13C8-PFOA	1803187-07 GW1809261405SK 0.25701	2.80e4	77.6	NO
5	5 13C9-PFNA	1803187-07 GW1809261405SK 0.25701	1.85e4	76.6	NO
6	6 13C4-PFOS	1803187-07 GW1809261405SK 0.25701	3.58e3	104.0	NO
7	7 13C6-PFDA	1803187-07 GW1809261405SK 0.25701	2.15e4	77.1	NO
8	8 13C7-PFUDa	1803187-07 GW1809261405SK 0.25701	2.68e4	85.8	NO

Name: 181017M3_5, Date: 17-Oct-2018, Time: 19:13:48, ID: 1803187-08 GW1809261455SK 0.25772, Description: GW1809261455SK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803187-08 GW1809261455SK 0.25772	1.77e4	182.2	YES
2	2 13C5-PFHxA	1803187-08 GW1809261455SK 0.25772	2.95e4	97.6	NO
3	3 13C3-PFHxS	1803187-08 GW1809261455SK 0.25772	4.24e3	125.1	NO
4	4 13C8-PFOA	1803187-08 GW1809261455SK 0.25772	2.98e4	82.7	NO
5	5 13C9-PFNA	1803187-08 GW1809261455SK 0.25772	1.93e4	80.2	NO
6	6 13C4-PFOS	1803187-08 GW1809261455SK 0.25772	4.33e3	125.8	NO
7	7 13C6-PFDA	1803187-08 GW1809261455SK 0.25772	2.35e4	84.2	NO
8	8 13C7-PFUDa	1803187-08 GW1809261455SK 0.25772	3.04e4	97.3	NO

Dataset: F:\Projects\PFAS.PRO\Results\181017M3\181017M3-IIS AREAS.qld

Last Altered: Thursday, October 18, 2018 11:37:06 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:38:07 Pacific Daylight Time

Name: 181017M3_6, Date: 17-Oct-2018, Time: 19:24:26, ID: 1803187-09 GW1809261550SK 0.24749, Description: GW1809261550SK

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803187-09 GW1809261550SK 0.24749	1.31e4	134.7	NO
2	2 13C5-PFHxA	1803187-09 GW1809261550SK 0.24749	2.46e4	81.2	NO
3	3 13C3-PFHxS	1803187-09 GW1809261550SK 0.24749	3.71e3	109.7	NO
4	4 13C8-PFOA	1803187-09 GW1809261550SK 0.24749	2.71e4	75.3	NO
5	5 13C9-PFNA	1803187-09 GW1809261550SK 0.24749	1.81e4	75.2	NO
6	6 13C4-PFOS	1803187-09 GW1809261550SK 0.24749	4.01e3	116.4	NO
7	7 13C6-PFDA	1803187-09 GW1809261550SK 0.24749	2.09e4	75.1	NO
8	8 13C7-PFUDa	1803187-09 GW1809261550SK 0.24749	2.59e4	82.9	NO

Name: 181017M3_7, Date: 17-Oct-2018, Time: 19:34:59, ID: 1803187-10 GW1809261650SK 0.25291, Description: GW1809261650SK

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803187-10 GW1809261650SK 0.25291	1.39e4	142.6	NO
2	2 13C5-PFHxA	1803187-10 GW1809261650SK 0.25291	1.98e4	65.5	NO
3	3 13C3-PFHxS	1803187-10 GW1809261650SK 0.25291	3.83e3	113.1	NO
4	4 13C8-PFOA	1803187-10 GW1809261650SK 0.25291	2.37e4	65.7	NO
5	5 13C9-PFNA	1803187-10 GW1809261650SK 0.25291	1.64e4	68.0	NO
6	6 13C4-PFOS	1803187-10 GW1809261650SK 0.25291	3.96e3	115.0	NO
7	7 13C6-PFDA	1803187-10 GW1809261650SK 0.25291	1.92e4	69.0	NO
8	8 13C7-PFUDa	1803187-10 GW1809261650SK 0.25291	2.29e4	73.3	NO

Name: 181017M3_8, Date: 17-Oct-2018, Time: 19:45:38, ID: 1803187-11 GW1809270950GC 0.24795, Description: GW1809270950GC

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803187-11 GW1809270950GC 0.24795	1.61e4	165.2	YES
2	2 13C5-PFHxA	1803187-11 GW1809270950GC 0.24795	2.85e4	94.0	NO
3	3 13C3-PFHxS	1803187-11 GW1809270950GC 0.24795	3.91e3	115.5	NO
4	4 13C8-PFOA	1803187-11 GW1809270950GC 0.24795	2.76e4	76.6	NO
5	5 13C9-PFNA	1803187-11 GW1809270950GC 0.24795	1.88e4	77.8	NO
6	6 13C4-PFOS	1803187-11 GW1809270950GC 0.24795	4.15e3	120.6	NO
7	7 13C6-PFDA	1803187-11 GW1809270950GC 0.24795	2.29e4	82.2	NO
8	8 13C7-PFUDa	1803187-11 GW1809270950GC 0.24795	2.87e4	92.0	NO

Name: 181017M3_9, Date: 17-Oct-2018, Time: 19:56:11, ID: 1803187-12 GW1809271050GC 0.25731, Description: GW1809271050GC

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803187-12 GW1809271050GC 0.25731	1.47e4	151.3	YES
2	2 13C5-PFHxA	1803187-12 GW1809271050GC 0.25731	2.61e4	86.1	NO
3	3 13C3-PFHxS	1803187-12 GW1809271050GC 0.25731	3.55e3	104.7	NO
4	4 13C8-PFOA	1803187-12 GW1809271050GC 0.25731	2.79e4	77.5	NO
5	5 13C9-PFNA	1803187-12 GW1809271050GC 0.25731	2.00e4	83.1	NO
6	6 13C4-PFOS	1803187-12 GW1809271050GC 0.25731	3.81e3	110.6	NO
7	7 13C6-PFDA	1803187-12 GW1809271050GC 0.25731	2.34e4	84.0	NO
8	8 13C7-PFUDa	1803187-12 GW1809271050GC 0.25731	2.88e4	92.3	NO

Dataset: F:\Projects\PFAS.PRO\Results\181017M3\181017M3-IIS AREAS.qld

Last Altered: Thursday, October 18, 2018 11:37:06 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:38:07 Pacific Daylight Time

Name: 181017M3_10, Date: 17-Oct-2018, Time: 20:06:49, ID: 1803187-13 FB1809271530GC 0.25779, Description: FB1809271530GC

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803187-13 FB1809271530GC 0.25779	1.60e4	164.0	YES
2	2 13C5-PFHxA	1803187-13 FB1809271530GC 0.25779	3.11e4	102.7	NO
3	3 13C3-PFHxS	1803187-13 FB1809271530GC 0.25779	3.50e3	103.2	NO
4	4 13C8-PFOA	1803187-13 FB1809271530GC 0.25779	3.60e4	100.0	NO
5	5 13C9-PFNA	1803187-13 FB1809271530GC 0.25779	2.49e4	103.1	NO
6	6 13C4-PFOS	1803187-13 FB1809271530GC 0.25779	3.72e3	108.1	NO
7	7 13C6-PFDA	1803187-13 FB1809271530GC 0.25779	2.89e4	103.9	NO
8	8 13C7-PFUDa	1803187-13 FB1809271530GC 0.25779	3.30e4	105.6	NO

Name: 181017M3_11, Date: 17-Oct-2018, Time: 20:17:27, ID: 1803187-14 GW1809271535GC-FD 0.25368, Description: GW1809271535GC-FD

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803187-14 GW1809271535GC-FD 0.2...	1.39e4	142.5	NO
2	2 13C5-PFHxA	1803187-14 GW1809271535GC-FD 0.2...	2.33e4	77.0	NO
3	3 13C3-PFHxS	1803187-14 GW1809271535GC-FD 0.2...	3.51e3	103.8	NO
4	4 13C8-PFOA	1803187-14 GW1809271535GC-FD 0.2...	2.43e4	67.5	NO
5	5 13C9-PFNA	1803187-14 GW1809271535GC-FD 0.2...	1.66e4	69.0	NO
6	6 13C4-PFOS	1803187-14 GW1809271535GC-FD 0.2...	3.77e3	109.4	NO
7	7 13C6-PFDA	1803187-14 GW1809271535GC-FD 0.2...	2.00e4	71.6	NO
8	8 13C7-PFUDa	1803187-14 GW1809271535GC-FD 0.2...	2.37e4	75.8	NO

Name: 181017M3_12, Date: 17-Oct-2018, Time: 20:28:00, ID: 1803187-15 GW1809271535GC 0.2494, Description: GW1809271535GC

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803187-15 GW1809271535GC 0.2494	1.46e4	150.3	YES
2	2 13C5-PFHxA	1803187-15 GW1809271535GC 0.2494	2.46e4	81.2	NO
3	3 13C3-PFHxS	1803187-15 GW1809271535GC 0.2494	3.68e3	108.6	NO
4	4 13C8-PFOA	1803187-15 GW1809271535GC 0.2494	2.54e4	70.4	NO
5	5 13C9-PFNA	1803187-15 GW1809271535GC 0.2494	1.73e4	71.9	NO
6	6 13C4-PFOS	1803187-15 GW1809271535GC 0.2494	3.81e3	110.7	NO
7	7 13C6-PFDA	1803187-15 GW1809271535GC 0.2494	2.05e4	73.7	NO
8	8 13C7-PFUDa	1803187-15 GW1809271535GC 0.2494	2.42e4	77.4	NO

Name: 181017M3_13, Date: 17-Oct-2018, Time: 20:38:38, ID: 1803187-16 GW1809271635GC 0.25076, Description: GW1809271635GC

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803187-16 GW1809271635GC 0.25076	1.49e4	153.5	YES
2	2 13C5-PFHxA	1803187-16 GW1809271635GC 0.25076	2.71e4	89.5	NO
3	3 13C3-PFHxS	1803187-16 GW1809271635GC 0.25076	3.55e3	104.8	NO
4	4 13C8-PFOA	1803187-16 GW1809271635GC 0.25076	2.88e4	80.0	NO
5	5 13C9-PFNA	1803187-16 GW1809271635GC 0.25076	1.99e4	82.4	NO
6	6 13C4-PFOS	1803187-16 GW1809271635GC 0.25076	3.73e3	108.3	NO
7	7 13C6-PFDA	1803187-16 GW1809271635GC 0.25076	2.21e4	79.3	NO
8	8 13C7-PFUDa	1803187-16 GW1809271635GC 0.25076	2.52e4	80.6	NO

Dataset: F:\Projects\PFAS.PRO\Results\181017M3\181017M3-IIS AREAS.qld

Last Altered: Thursday, October 18, 2018 11:37:06 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:38:07 Pacific Daylight Time

Name: 181017M3_14, Date: 17-Oct-2018, Time: 20:49:11, ID: IPA, Description: IPA

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

Name: 181017M3_15, Date: 17-Oct-2018, Time: 20:59:49, ID: ST181017M3-2 PFC CS3 18J0806, Description: PFC CS3 18J0806

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181017M3-2 PFC CS3 18J0806	9.85e3	101.3	NO
2	2 13C5-PFHxA	ST181017M3-2 PFC CS3 18J0806	3.08e4	101.9	NO
3	3 13C3-PFHxS	ST181017M3-2 PFC CS3 18J0806	3.37e3	99.5	NO
4	4 13C8-PFOA	ST181017M3-2 PFC CS3 18J0806	3.52e4	97.6	NO
5	5 13C9-PFNA	ST181017M3-2 PFC CS3 18J0806	2.46e4	102.2	NO
6	6 13C4-PFOS	ST181017M3-2 PFC CS3 18J0806	3.41e3	99.1	NO
7	7 13C6-PFDA	ST181017M3-2 PFC CS3 18J0806	2.86e4	102.8	NO
8	8 13C7-PFUdA	ST181017M3-2 PFC CS3 18J0806	3.22e4	103.2	NO

Name: 181017M3_16, Date: 17-Oct-2018, Time: 21:10:23, ID: B8J0128-BS1 OPR 0.125, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0128-BS1 OPR 0.125	1.12e4	115.5	NO
2	2 13C5-PFHxA	B8J0128-BS1 OPR 0.125	2.35e4	77.5	NO
3	3 13C3-PFHxS	B8J0128-BS1 OPR 0.125	3.01e3	88.9	NO
4	4 13C8-PFOA	B8J0128-BS1 OPR 0.125	2.87e4	79.7	NO
5	5 13C9-PFNA	B8J0128-BS1 OPR 0.125	2.09e4	86.8	NO
6	6 13C4-PFOS	B8J0128-BS1 OPR 0.125	3.11e3	90.2	NO
7	7 13C6-PFDA	B8J0128-BS1 OPR 0.125	2.39e4	85.7	NO
8	8 13C7-PFUdA	B8J0128-BS1 OPR 0.125	2.81e4	90.2	NO

Name: 181017M3_17, Date: 17-Oct-2018, Time: 21:21:01, ID: B8J0128-BSD1 LCSD 0.125, Description: LCSD

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0128-BSD1 LCSD 0.125	1.16e4	119.7	NO
2	2 13C5-PFHxA	B8J0128-BSD1 LCSD 0.125	2.42e4	79.8	NO
3	3 13C3-PFHxS	B8J0128-BSD1 LCSD 0.125	2.85e3	84.2	NO
4	4 13C8-PFOA	B8J0128-BSD1 LCSD 0.125	3.00e4	83.1	NO
5	5 13C9-PFNA	B8J0128-BSD1 LCSD 0.125	2.08e4	86.2	NO
6	6 13C4-PFOS	B8J0128-BSD1 LCSD 0.125	2.95e3	85.7	NO
7	7 13C6-PFDA	B8J0128-BSD1 LCSD 0.125	2.40e4	86.3	NO
8	8 13C7-PFUdA	B8J0128-BSD1 LCSD 0.125	2.88e4	92.1	NO

Dataset: F:\Projects\PFAS.PRO\Results\181017M3\181017M3-IIS AREAS.qld

Last Altered: Thursday, October 18, 2018 11:37:06 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:38:07 Pacific Daylight Time

Name: 181017M3_18, Date: 17-Oct-2018, Time: 21:31:33, ID: B8J0128-BLK1 Method Blank 0.125, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0128-BLK1 Method Blank 0.125	9.38e3	96.4	NO
2	2 13C5-PFHxA	B8J0128-BLK1 Method Blank 0.125	2.01e4	66.5	NO
3	3 13C3-PFHxS	B8J0128-BLK1 Method Blank 0.125	2.66e3	78.6	NO
4	4 13C8-PFOA	B8J0128-BLK1 Method Blank 0.125	2.55e4	70.7	NO
5	5 13C9-PFNA	B8J0128-BLK1 Method Blank 0.125	1.79e4	74.2	NO
6	6 13C4-PFOS	B8J0128-BLK1 Method Blank 0.125	2.98e3	86.4	NO
7	7 13C6-PFDA	B8J0128-BLK1 Method Blank 0.125	2.16e4	77.4	NO
8	8 13C7-PFUDa	B8J0128-BLK1 Method Blank 0.125	2.52e4	80.6	NO

Name: 181017M3_19, Date: 17-Oct-2018, Time: 21:42:04, ID: 1803297-01 OC-RW12-1018 0.11506, Description: OC-RW12-1018

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803297-01 OC-RW12-1018 0.11506	1.14e4	117.2	NO
2	2 13C5-PFHxA	1803297-01 OC-RW12-1018 0.11506	2.37e4	78.3	NO
3	3 13C3-PFHxS	1803297-01 OC-RW12-1018 0.11506	2.82e3	83.4	NO
4	4 13C8-PFOA	1803297-01 OC-RW12-1018 0.11506	2.93e4	81.4	NO
5	5 13C9-PFNA	1803297-01 OC-RW12-1018 0.11506	2.02e4	83.6	NO
6	6 13C4-PFOS	1803297-01 OC-RW12-1018 0.11506	2.91e3	84.6	NO
7	7 13C6-PFDA	1803297-01 OC-RW12-1018 0.11506	2.36e4	84.6	NO
8	8 13C7-PFUDa	1803297-01 OC-RW12-1018 0.11506	2.84e4	91.0	NO

Name: 181017M3_20, Date: 17-Oct-2018, Time: 21:52:43, ID: 1803297-02 OC-FB12-1018 0.11767, Description: OC-FB12-1018

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803297-02 OC-FB12-1018 0.11767	1.22e4	125.1	NO
2	2 13C5-PFHxA	1803297-02 OC-FB12-1018 0.11767	2.51e4	82.8	NO
3	3 13C3-PFHxS	1803297-02 OC-FB12-1018 0.11767	2.90e3	85.8	NO
4	4 13C8-PFOA	1803297-02 OC-FB12-1018 0.11767	3.07e4	85.2	NO
5	5 13C9-PFNA	1803297-02 OC-FB12-1018 0.11767	2.14e4	88.7	NO
6	6 13C4-PFOS	1803297-02 OC-FB12-1018 0.11767	2.99e3	86.9	NO
7	7 13C6-PFDA	1803297-02 OC-FB12-1018 0.11767	2.41e4	86.6	NO
8	8 13C7-PFUDa	1803297-02 OC-FB12-1018 0.11767	2.91e4	93.1	NO

Name: 181017M3_21, Date: 17-Oct-2018, Time: 22:03:21, ID: 1803297-03 OC-RW06-1018 0.11513, Description: OC-RW06-1018

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803297-03 OC-RW06-1018 0.11513	1.29e4	132.5	NO
2	2 13C5-PFHxA	1803297-03 OC-RW06-1018 0.11513	2.70e4	89.2	NO
3	3 13C3-PFHxS	1803297-03 OC-RW06-1018 0.11513	3.10e3	91.4	NO
4	4 13C8-PFOA	1803297-03 OC-RW06-1018 0.11513	3.29e4	91.2	NO
5	5 13C9-PFNA	1803297-03 OC-RW06-1018 0.11513	2.20e4	91.3	NO
6	6 13C4-PFOS	1803297-03 OC-RW06-1018 0.11513	3.26e3	94.6	NO
7	7 13C6-PFDA	1803297-03 OC-RW06-1018 0.11513	2.63e4	94.5	NO
8	8 13C7-PFUDa	1803297-03 OC-RW06-1018 0.11513	3.10e4	99.4	NO

Dataset: F:\Projects\PFAS.PRO\Results\181017M3\181017M3-IIS AREAS.qld

Last Altered: Thursday, October 18, 2018 11:37:06 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:38:07 Pacific Daylight Time

Name: 181017M3_22, Date: 17-Oct-2018, Time: 22:13:55, ID: 1803297-04 OC-FB06-1018 0.11712, Description: OC-FB06-1018

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803297-04 OC-FB06-1018 0.11712	1.27e4	130.1	NO
2	2 13C5-PFHxA	1803297-04 OC-FB06-1018 0.11712	2.56e4	84.4	NO
3	3 13C3-PFHxS	1803297-04 OC-FB06-1018 0.11712	3.11e3	91.9	NO
4	4 13C8-PFOA	1803297-04 OC-FB06-1018 0.11712	3.24e4	90.0	NO
5	5 13C9-PFNA	1803297-04 OC-FB06-1018 0.11712	2.24e4	93.1	NO
6	6 13C4-PFOS	1803297-04 OC-FB06-1018 0.11712	3.23e3	93.9	NO
7	7 13C6-PFDA	1803297-04 OC-FB06-1018 0.11712	2.60e4	93.4	NO
8	8 13C7-PFUDa	1803297-04 OC-FB06-1018 0.11712	3.08e4	98.5	NO

Name: 181017M3_23, Date: 17-Oct-2018, Time: 22:24:33, ID: 1803322-01 CEW-EFF-11OCT2018 0.11756, Description: CEW-EFF-11OCT2018

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803322-01 CEW-EFF-11OCT2018 0.1...	1.13e4	116.6	NO
2	2 13C5-PFHxA	1803322-01 CEW-EFF-11OCT2018 0.1...	2.34e4	77.4	NO
3	3 13C3-PFHxS	1803322-01 CEW-EFF-11OCT2018 0.1...	3.15e3	93.1	NO
4	4 13C8-PFOA	1803322-01 CEW-EFF-11OCT2018 0.1...	2.89e4	80.2	NO
5	5 13C9-PFNA	1803322-01 CEW-EFF-11OCT2018 0.1...	2.01e4	83.2	NO
6	6 13C4-PFOS	1803322-01 CEW-EFF-11OCT2018 0.1...	3.08e3	89.5	NO
7	7 13C6-PFDA	1803322-01 CEW-EFF-11OCT2018 0.1...	2.47e4	88.6	NO
8	8 13C7-PFUDa	1803322-01 CEW-EFF-11OCT2018 0.1...	2.88e4	92.1	NO

Name: 181017M3_24, Date: 17-Oct-2018, Time: 22:35:06, ID: 1803322-02 CEW-INTER2-11OCT2018 0.12008, Description: CEW-INTER2-11OCT2018

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803322-02 CEW-INTER2-11OCT2018...	1.17e4	120.4	NO
2	2 13C5-PFHxA	1803322-02 CEW-INTER2-11OCT2018...	2.45e4	81.0	NO
3	3 13C3-PFHxS	1803322-02 CEW-INTER2-11OCT2018...	3.17e3	93.5	NO
4	4 13C8-PFOA	1803322-02 CEW-INTER2-11OCT2018...	3.02e4	83.9	NO
5	5 13C9-PFNA	1803322-02 CEW-INTER2-11OCT2018...	2.11e4	87.6	NO
6	6 13C4-PFOS	1803322-02 CEW-INTER2-11OCT2018...	3.44e3	99.9	NO
7	7 13C6-PFDA	1803322-02 CEW-INTER2-11OCT2018...	2.61e4	93.6	NO
8	8 13C7-PFUDa	1803322-02 CEW-INTER2-11OCT2018...	3.02e4	96.8	NO

Name: 181017M3_25, Date: 17-Oct-2018, Time: 22:45:44, ID: 1803322-03 CEW-INTER1-11OCT2018 0.11498, Description: CEW-INTER1-11OCT2018

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803322-03 CEW-INTER1-11OCT2018...	1.25e4	128.5	NO
2	2 13C5-PFHxA	1803322-03 CEW-INTER1-11OCT2018...	2.46e4	81.4	NO
3	3 13C3-PFHxS	1803322-03 CEW-INTER1-11OCT2018...	3.19e3	94.3	NO
4	4 13C8-PFOA	1803322-03 CEW-INTER1-11OCT2018...	2.98e4	82.8	NO
5	5 13C9-PFNA	1803322-03 CEW-INTER1-11OCT2018...	2.15e4	89.2	NO
6	6 13C4-PFOS	1803322-03 CEW-INTER1-11OCT2018...	3.40e3	98.6	NO
7	7 13C6-PFDA	1803322-03 CEW-INTER1-11OCT2018...	2.58e4	92.6	NO
8	8 13C7-PFUDa	1803322-03 CEW-INTER1-11OCT2018...	2.98e4	95.4	NO

Dataset: F:\Projects\PFAS.PRO\Results\181017M3\181017M3-IIS AREAS.qld

Last Altered: Thursday, October 18, 2018 11:37:06 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:38:07 Pacific Daylight Time

Name: 181017M3_26, Date: 17-Oct-2018, Time: 22:56:17, ID: 1803322-04 CEW-INF-11OCT2018 0.11891, Description: CEW-INF-11OCT2018

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803322-04 CEW-INF-11OCT2018 0.11...	1.18e4	121.1	NO
2	2 13C5-PFHxA	1803322-04 CEW-INF-11OCT2018 0.11...	2.41e4	79.5	NO
3	3 13C3-PFHxS	1803322-04 CEW-INF-11OCT2018 0.11...	2.88e3	85.0	NO
4	4 13C8-PFOA	1803322-04 CEW-INF-11OCT2018 0.11...	2.93e4	81.3	NO
5	5 13C9-PFNA	1803322-04 CEW-INF-11OCT2018 0.11...	2.12e4	87.9	NO
6	6 13C4-PFOS	1803322-04 CEW-INF-11OCT2018 0.11...	3.29e3	95.5	NO
7	7 13C6-PFDA	1803322-04 CEW-INF-11OCT2018 0.11...	2.56e4	91.9	NO
8	8 13C7-PFUDa	1803322-04 CEW-INF-11OCT2018 0.11...	2.99e4	95.9	NO

Name: 181017M3_27, Date: 17-Oct-2018, Time: 23:06:55, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 181017M3_28, Date: 17-Oct-2018, Time: 23:17:29, ID: ST181017M3-3 PFC CS3 18J0806, Description: PFC CS3 18J0806

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181017M3-3 PFC CS3 18J0806	1.02e4	104.6	NO
2	2 13C5-PFHxA	ST181017M3-3 PFC CS3 18J0806	3.10e4	102.5	NO
3	3 13C3-PFHxS	ST181017M3-3 PFC CS3 18J0806	3.50e3	103.5	NO
4	4 13C8-PFOA	ST181017M3-3 PFC CS3 18J0806	3.80e4	105.6	NO
5	5 13C9-PFNA	ST181017M3-3 PFC CS3 18J0806	2.44e4	101.1	NO
6	6 13C4-PFOS	ST181017M3-3 PFC CS3 18J0806	3.47e3	100.8	NO
7	7 13C6-PFDA	ST181017M3-3 PFC CS3 18J0806	2.89e4	103.8	NO
8	8 13C7-PFUDa	ST181017M3-3 PFC CS3 18J0806	3.30e4	105.7	NO

Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

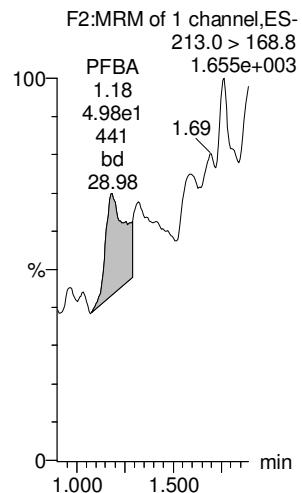
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10

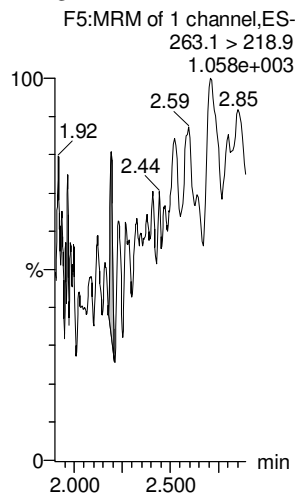
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 11:51:35

Name: 181017M1_1, Date: 17-Oct-2018, Time: 12:07:22, ID: IPA, Description: IPA

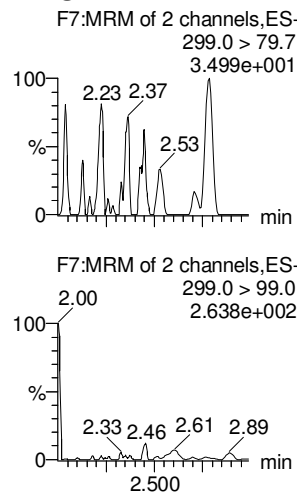
PFBA



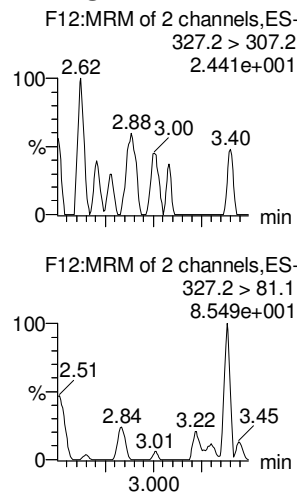
PFPeA



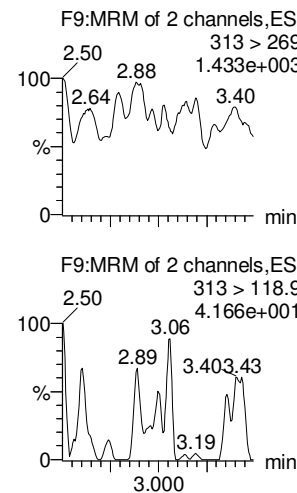
PFBS



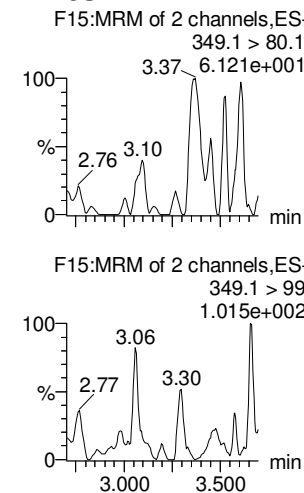
4:2 FTS



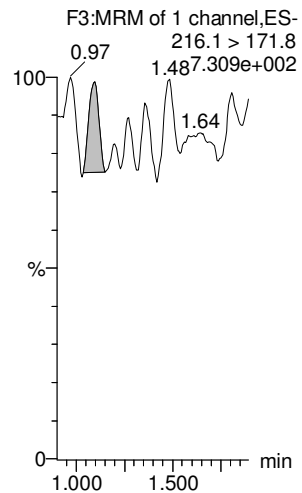
PFHxA



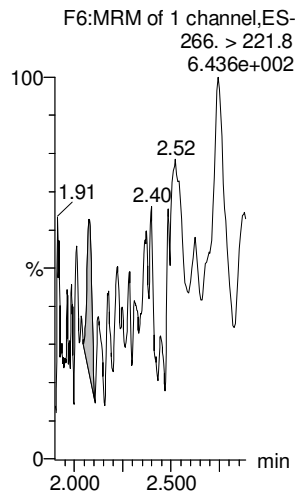
PFPeS



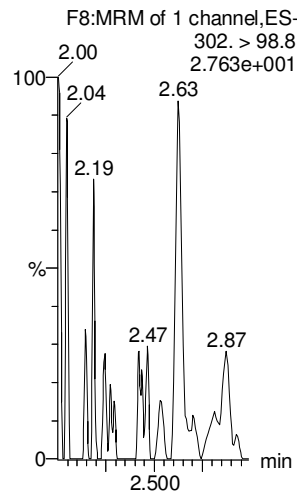
13C3-PFBA



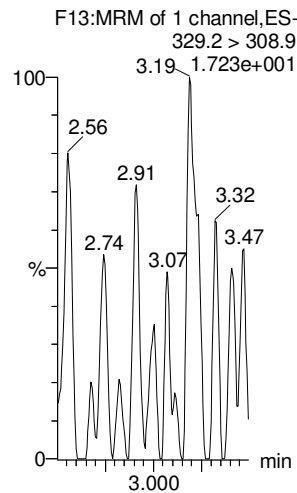
13C3-PFPeA



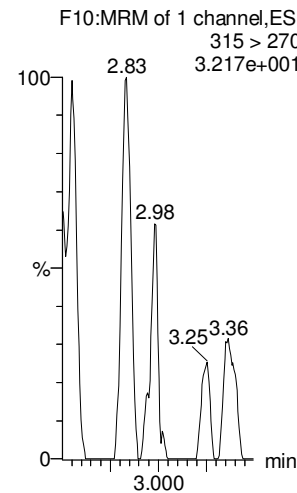
13C3-PFBS



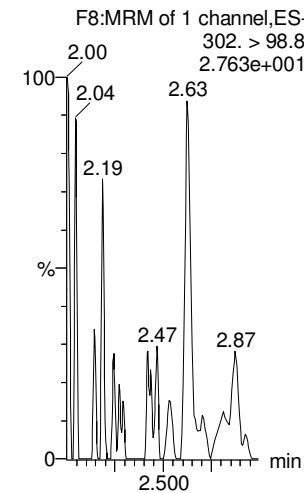
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



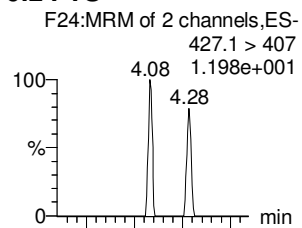
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

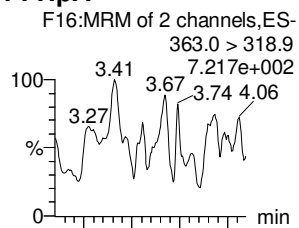
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_1, Date: 17-Oct-2018, Time: 12:07:22, ID: IPA, Description: IPA

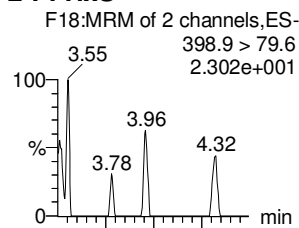
6:2 FTS



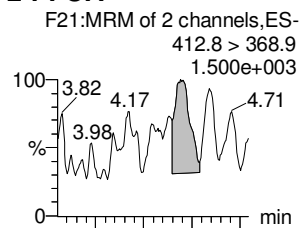
PFHpA



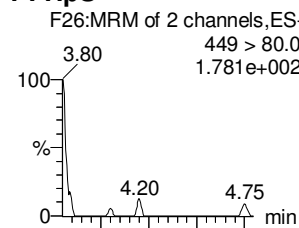
L-PFHxS



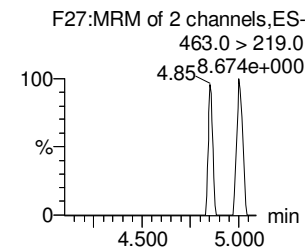
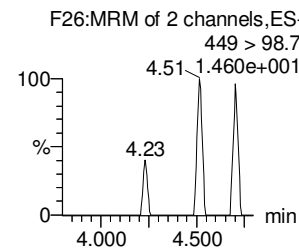
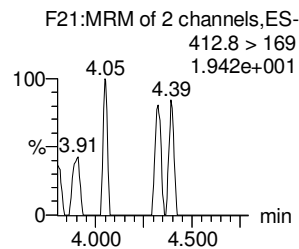
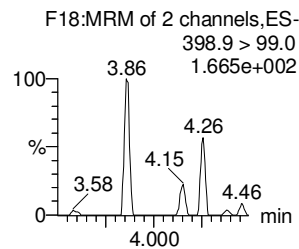
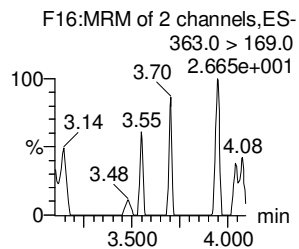
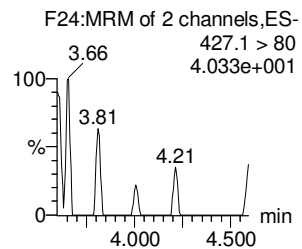
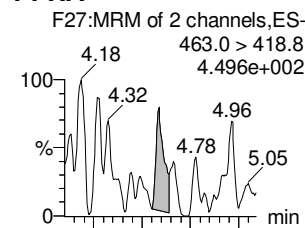
L-PFOA



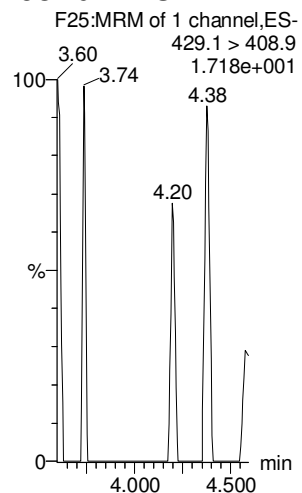
PFHpS



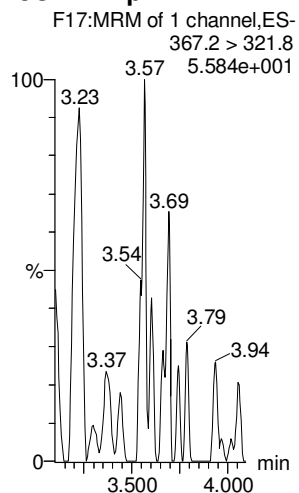
PFNA



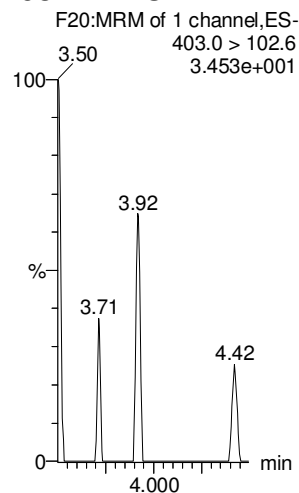
13C2-6:2 FTS



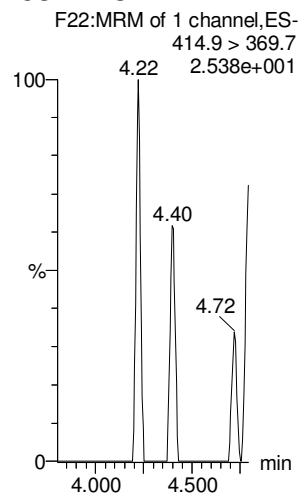
13C4-PFHpA



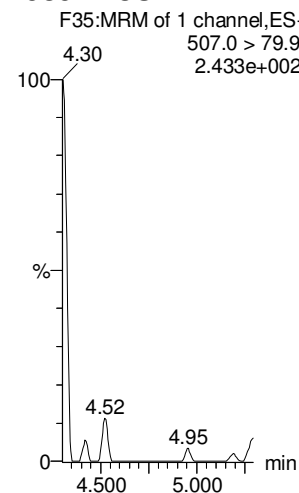
18O2-PFHxS



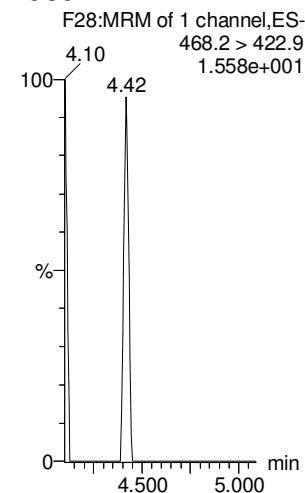
13C2-PFOA



13C8-PFOS



13C5-PFNA



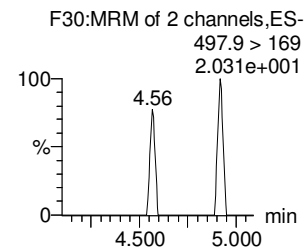
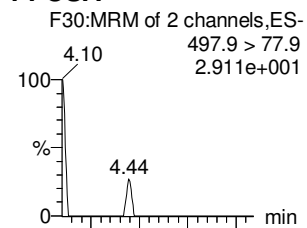
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

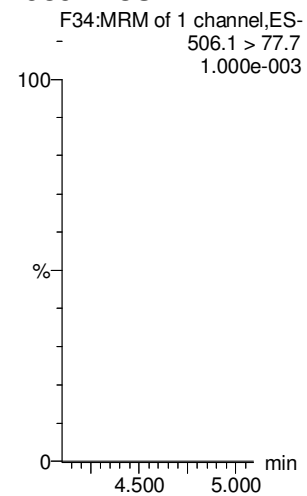
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_1, Date: 17-Oct-2018, Time: 12:07:22, ID: IPA, Description: IPA

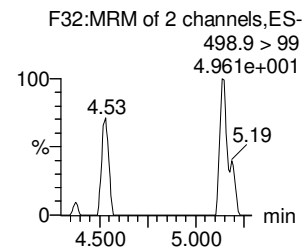
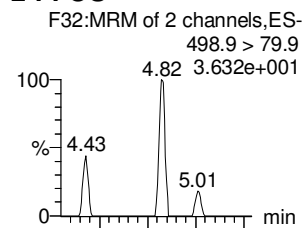
PFOSA



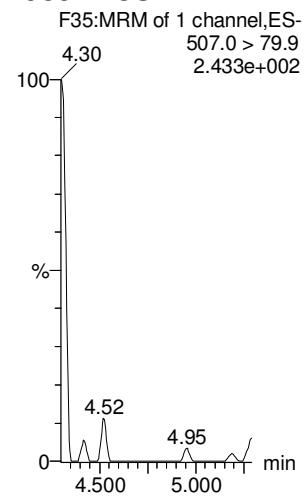
13C8-PFOA



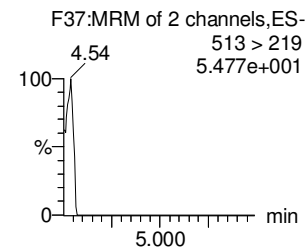
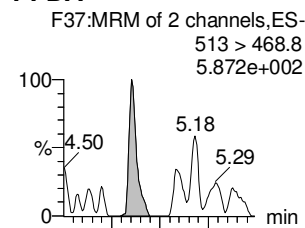
L-PFOS



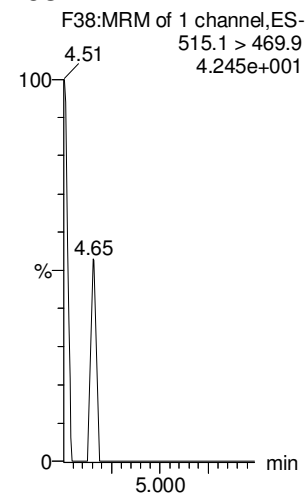
13C8-PFOS



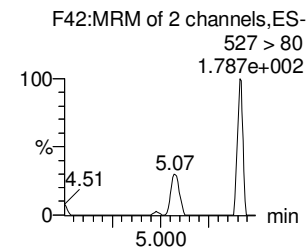
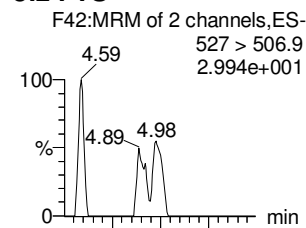
PFDA



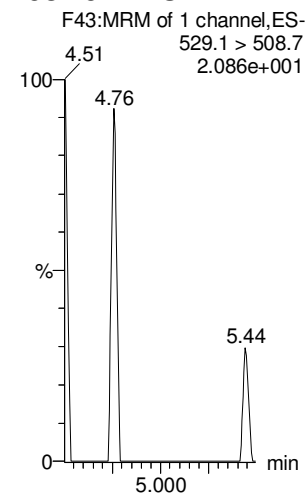
13C2-PFDA



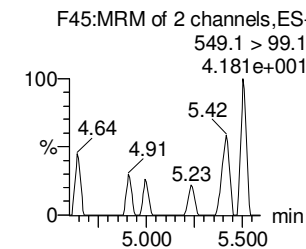
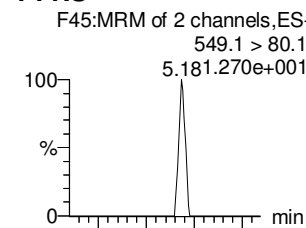
8:2 FTS



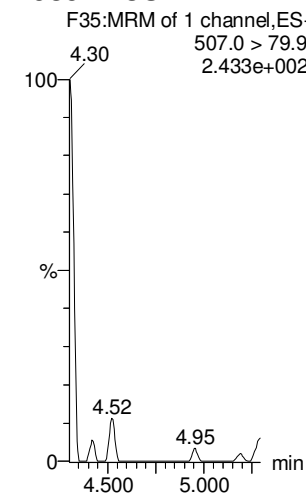
13C2-8:2 FTS



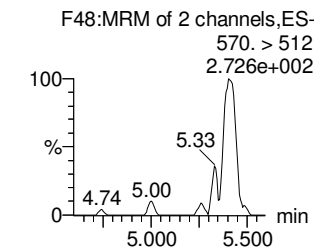
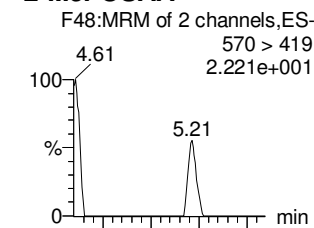
PFNS



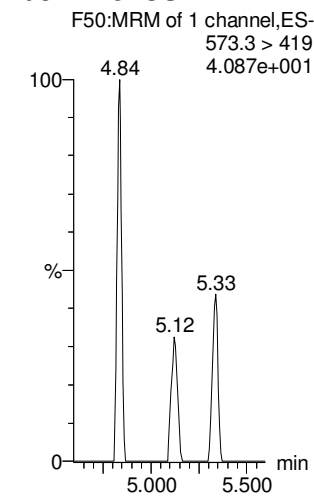
13C8-PFOS



L-MeFOSAA



d3-N-MeFOSAA



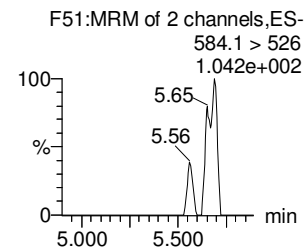
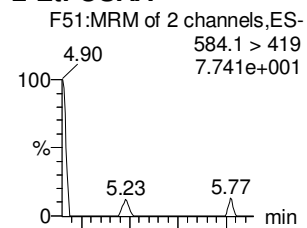
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

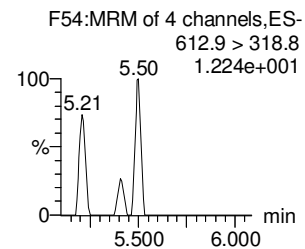
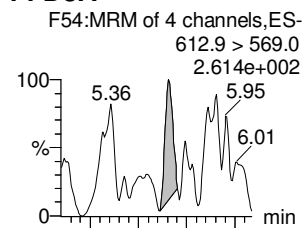
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_1, Date: 17-Oct-2018, Time: 12:07:22, ID: IPA, Description: IPA

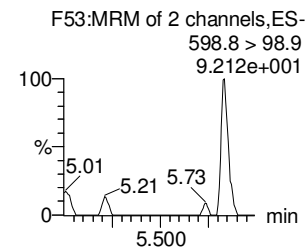
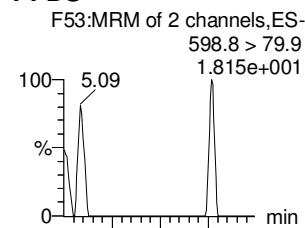
L-EtFOSAA



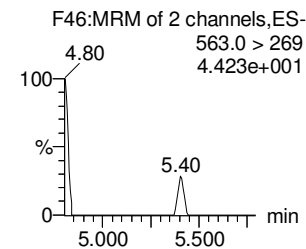
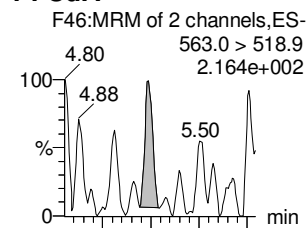
PFDoA



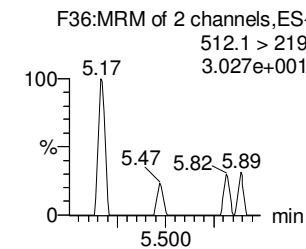
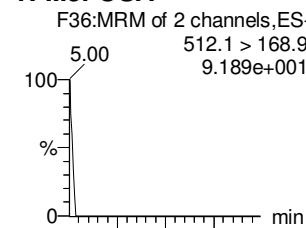
PFDS



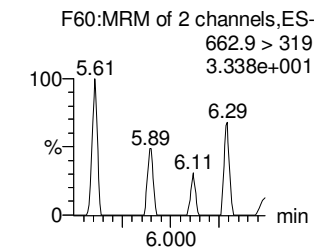
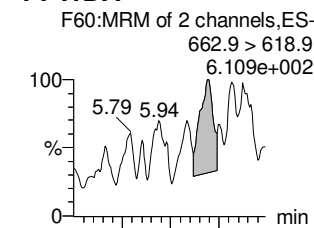
PFUdA



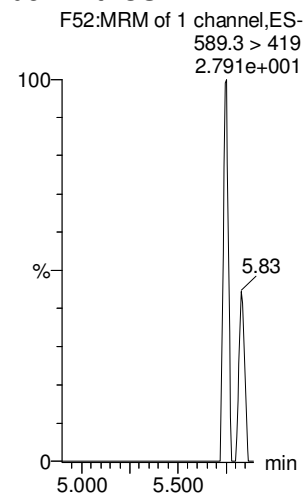
N-MeFOSA



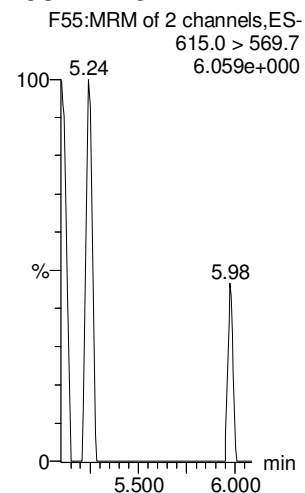
PFTrDA



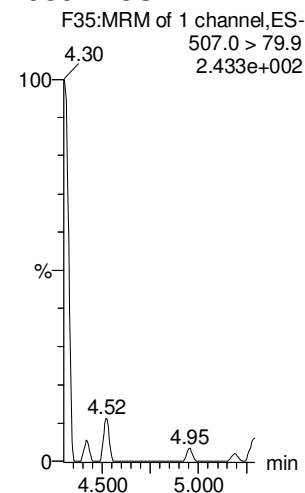
d5-N-EtFOSAA



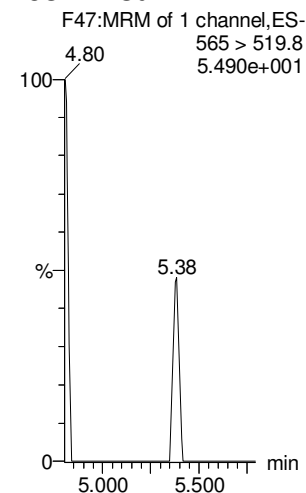
13C2-PFDoA



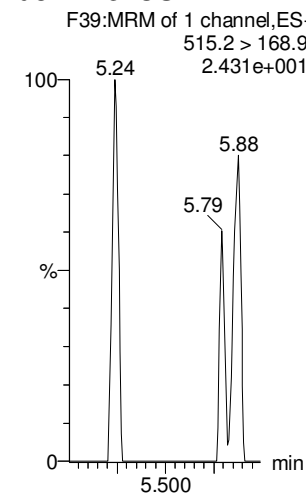
13C8-PFOS



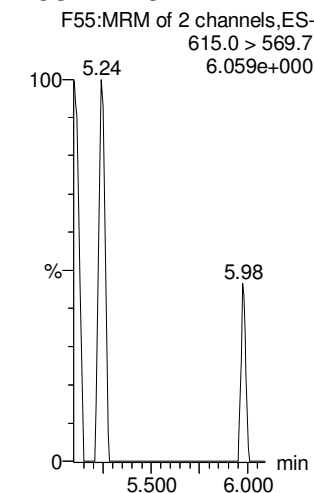
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA



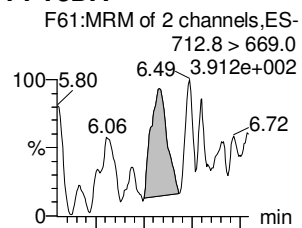
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

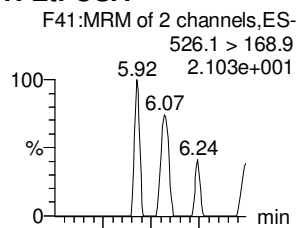
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_1, Date: 17-Oct-2018, Time: 12:07:22, ID: IPA, Description: IPA

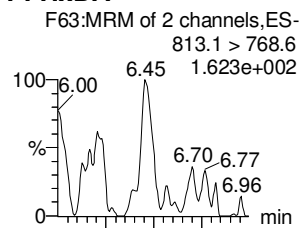
PFTeDA



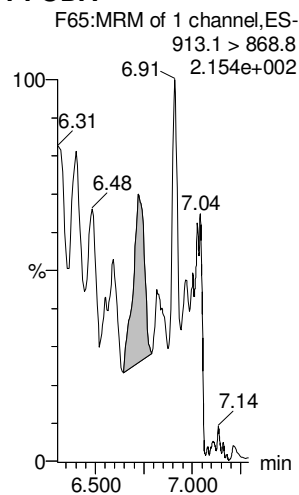
N-EtFOSA



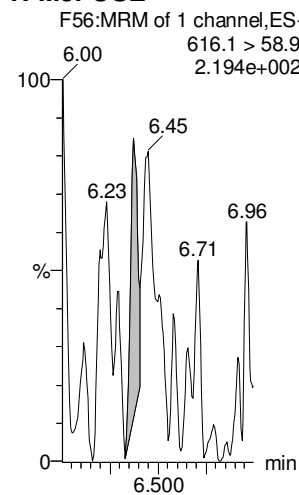
PFHxDA



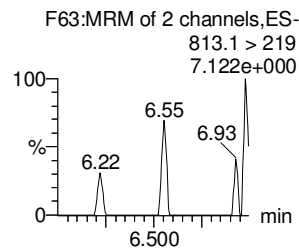
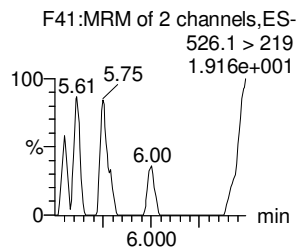
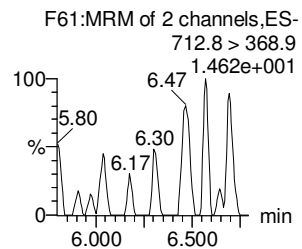
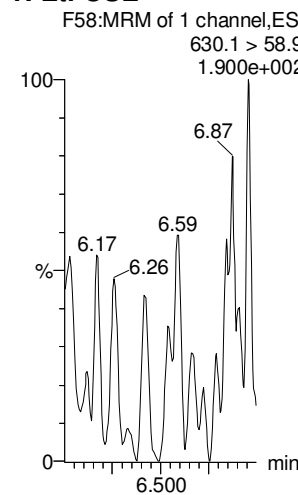
PFODA



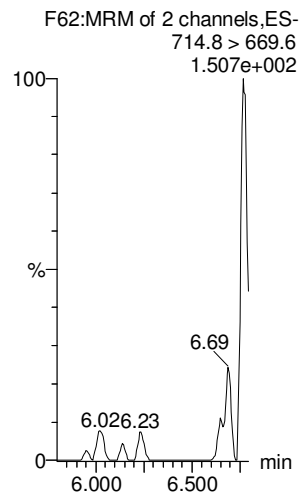
N-MeFOSE



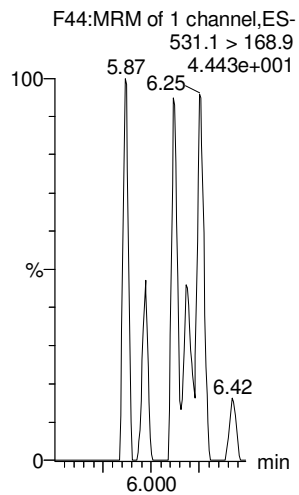
N-EtFOSE



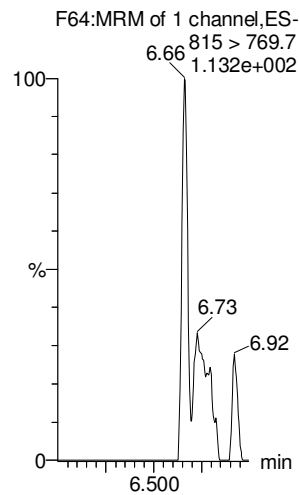
13C2-PFTeDA



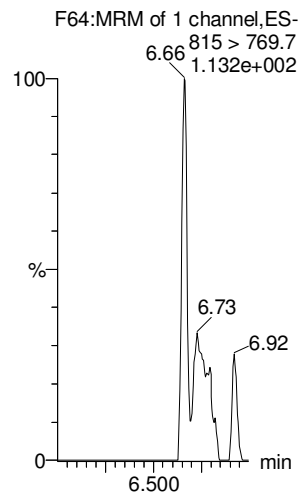
d5-N-ETFOSA



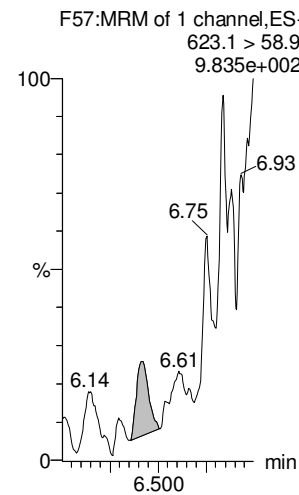
13C2-PFHxDA



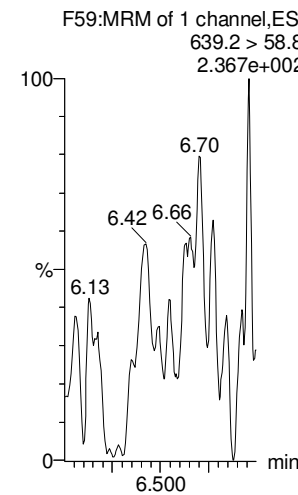
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



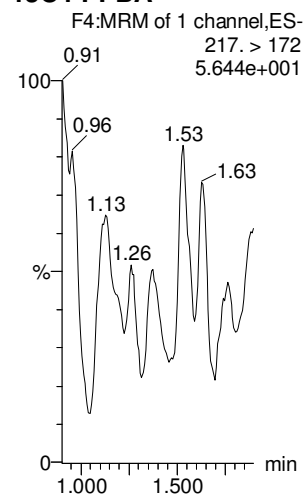
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

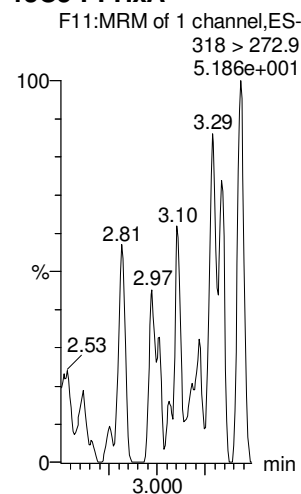
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_1, Date: 17-Oct-2018, Time: 12:07:22, ID: IPA, Description: IPA

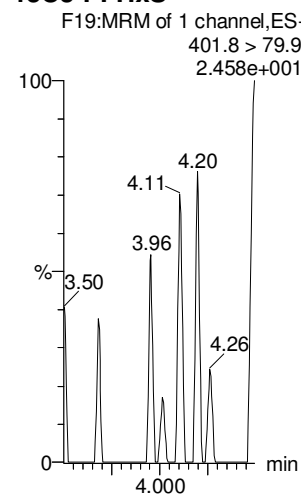
13C4-PFBA



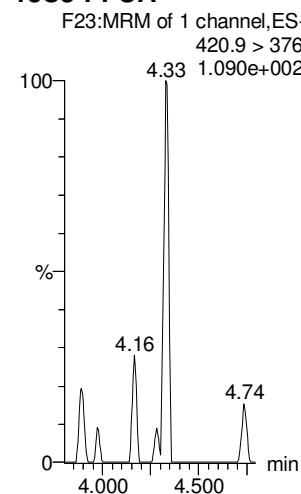
13C5-PFHxA



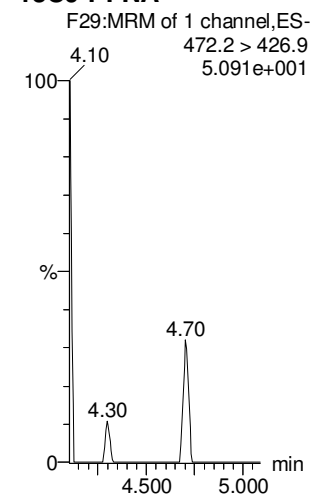
13C3-PFHxS



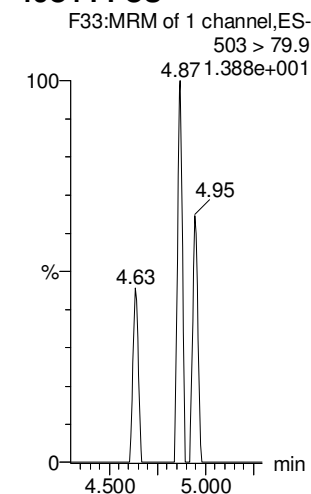
13C8-PFOA



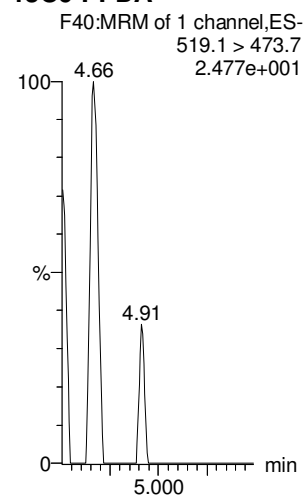
13C9-PFNA



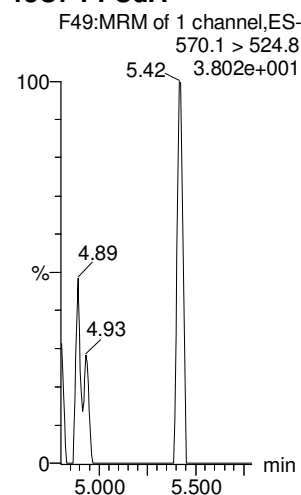
13C4-PFOS



13C6-PFDA



13C7-PFUdA

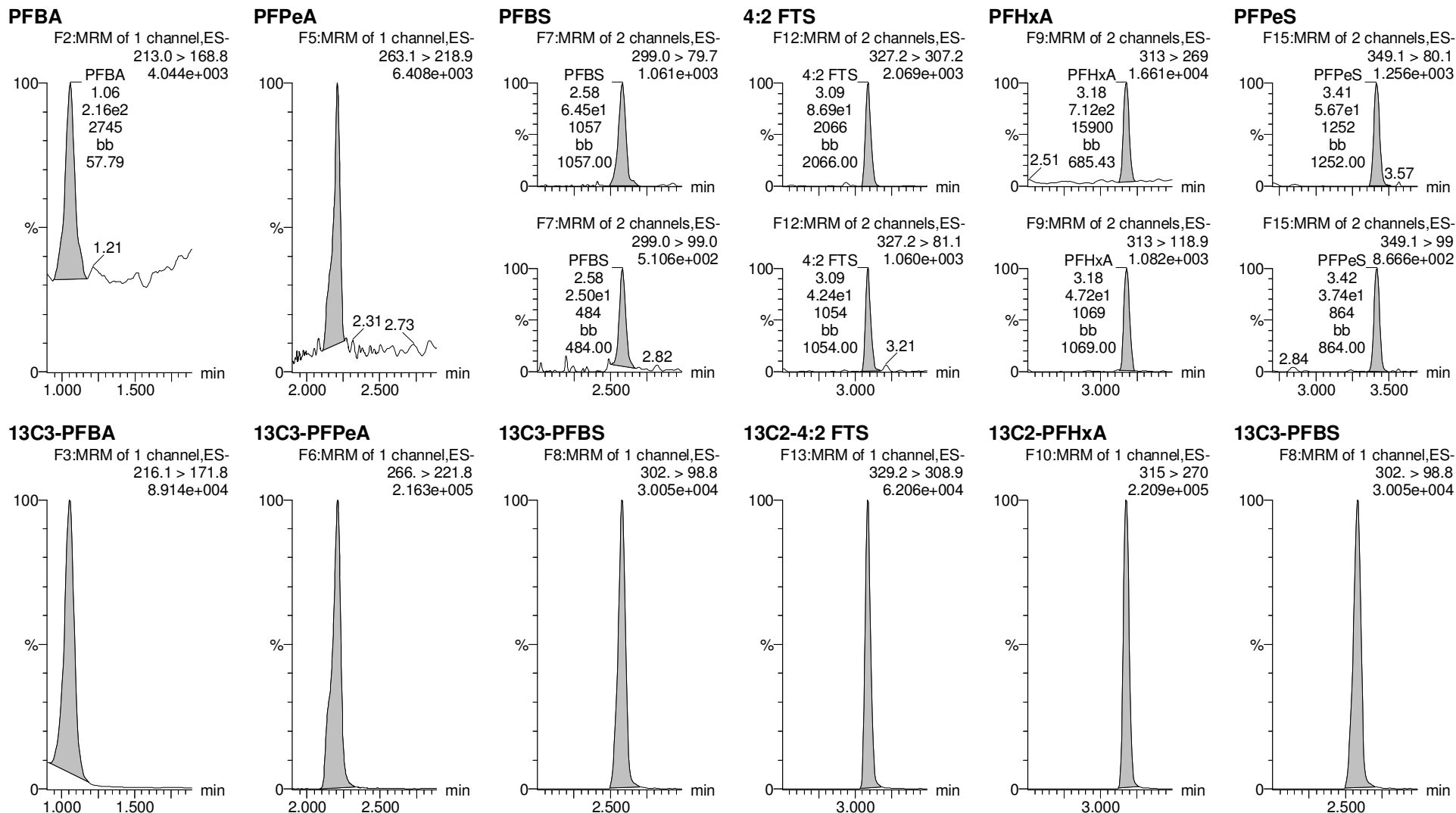


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801

6:2 FTS

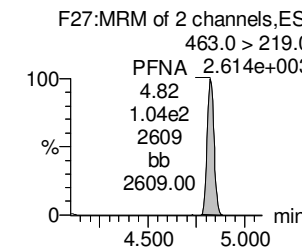
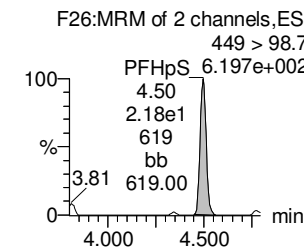
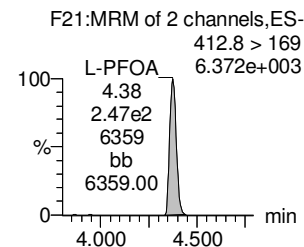
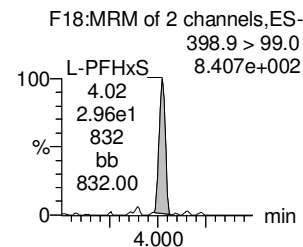
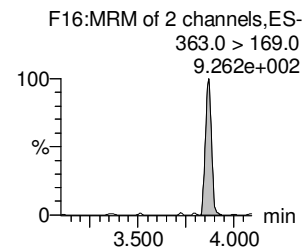
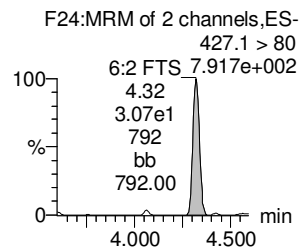
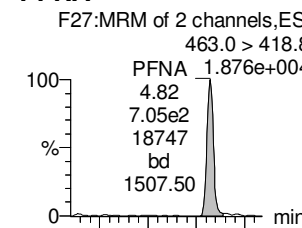
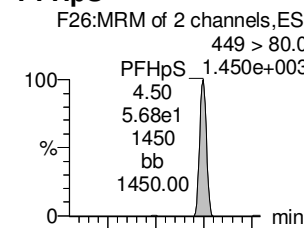
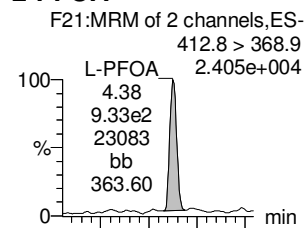
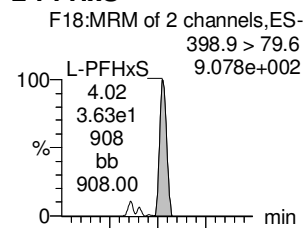
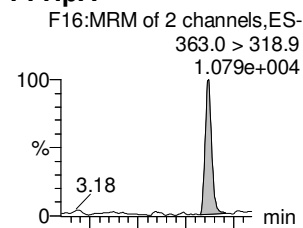
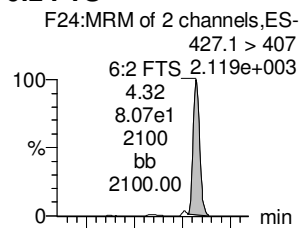
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

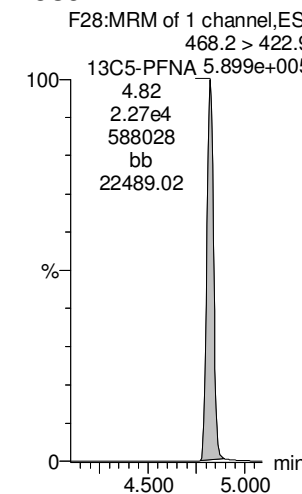
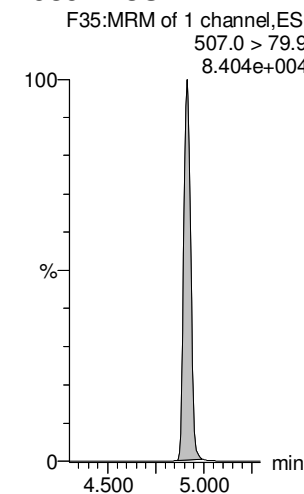
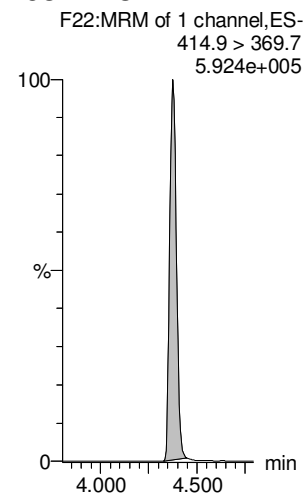
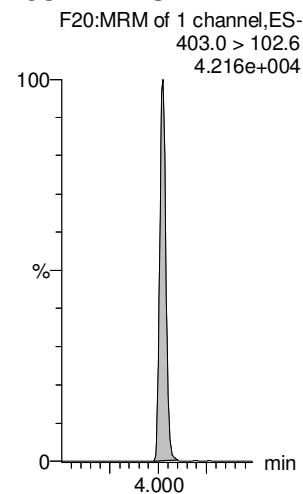
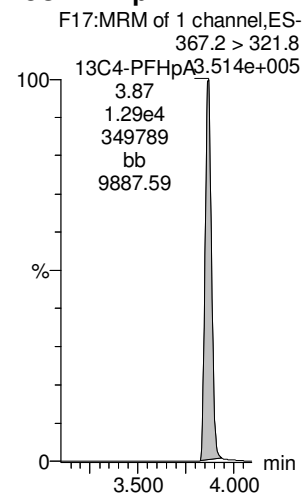
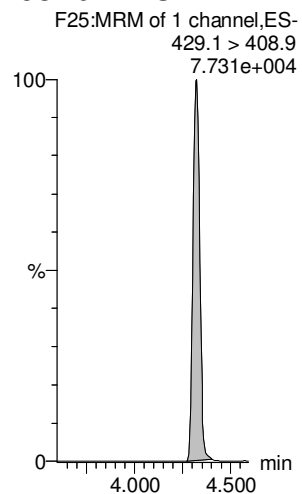
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA

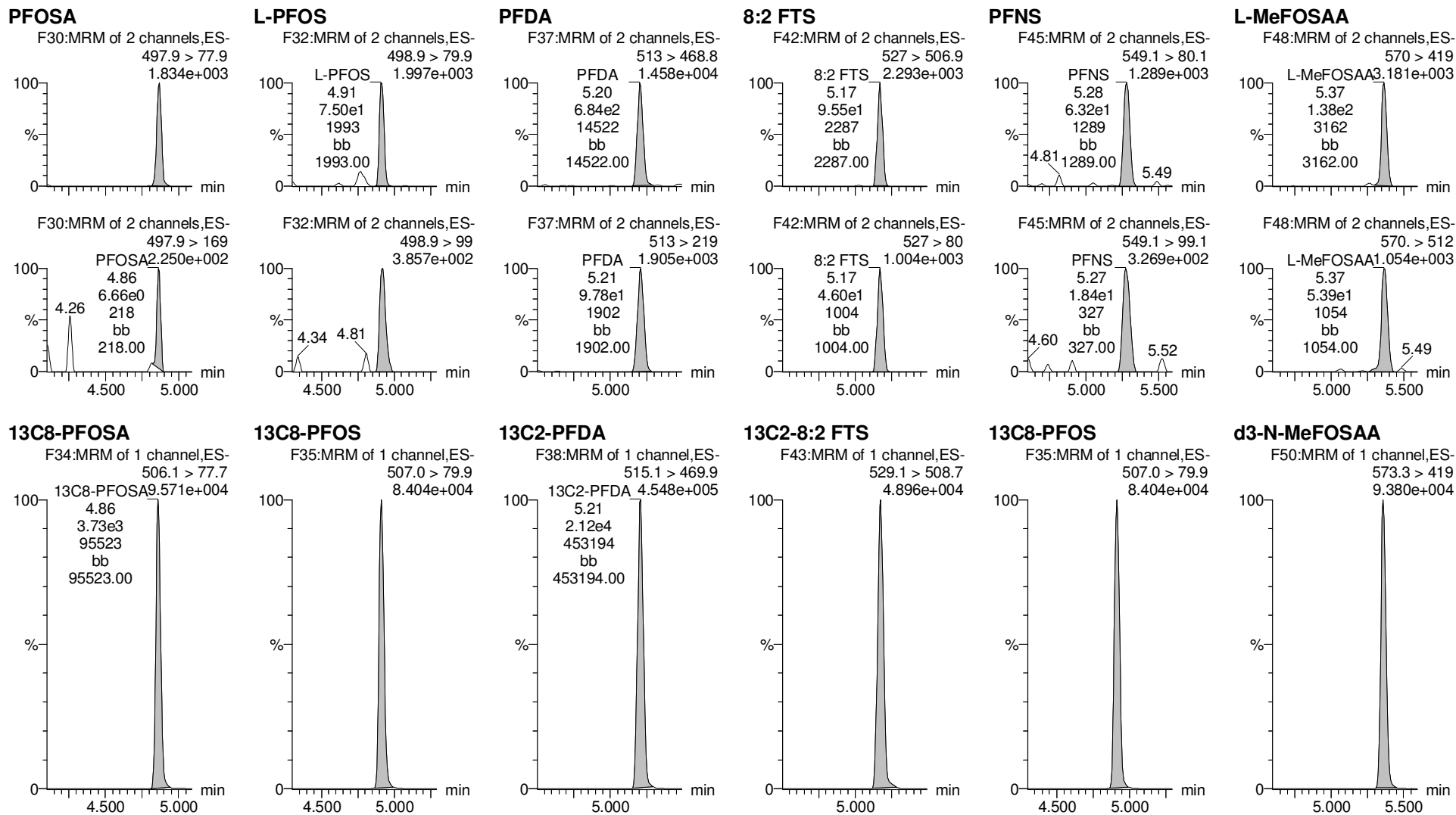


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801

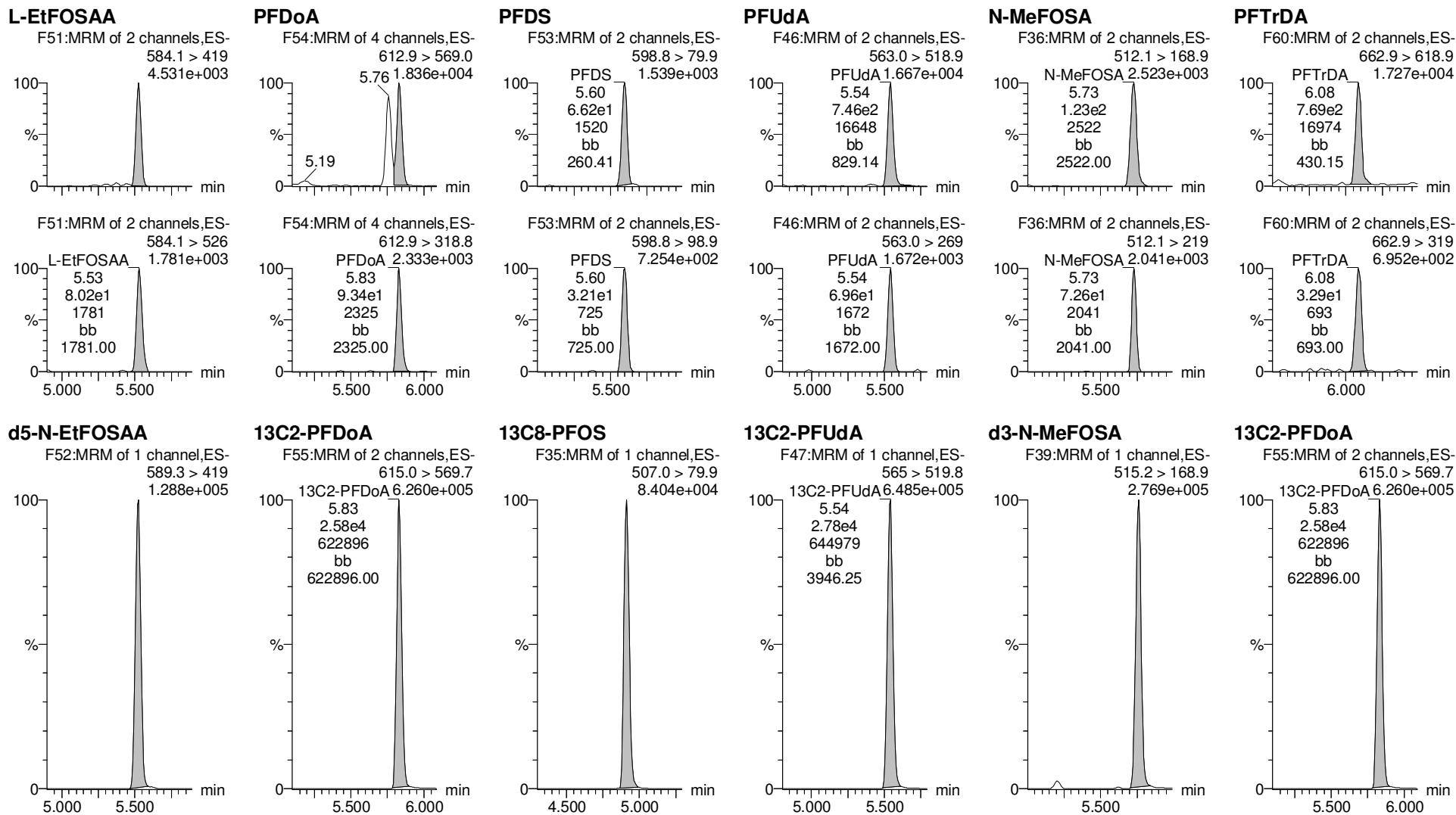


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801



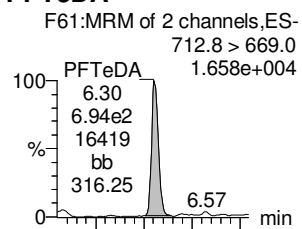
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

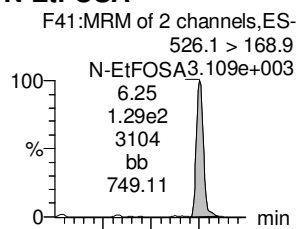
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801

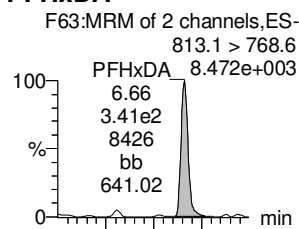
PFTeDA



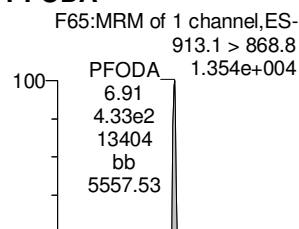
N-EtFOSA



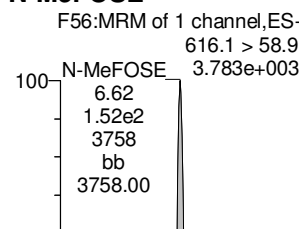
PFHxDA



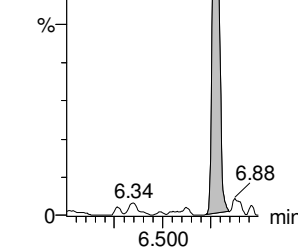
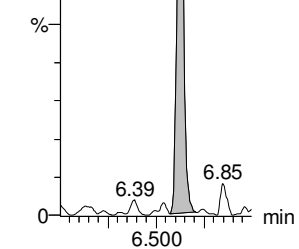
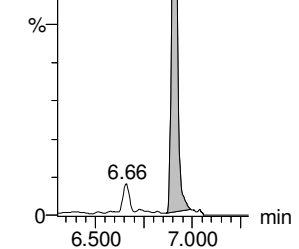
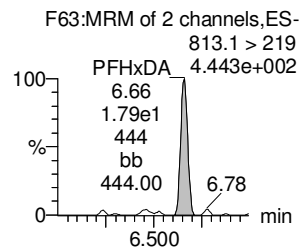
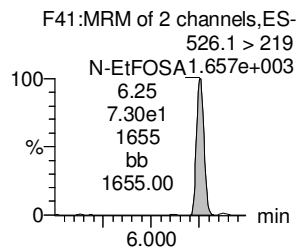
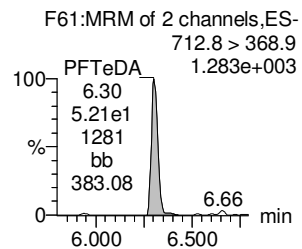
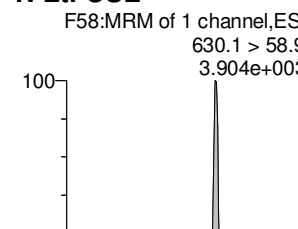
PFODA



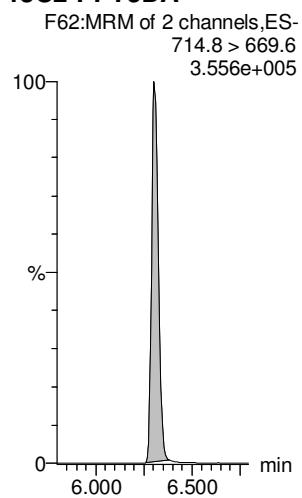
N-MeFOSE



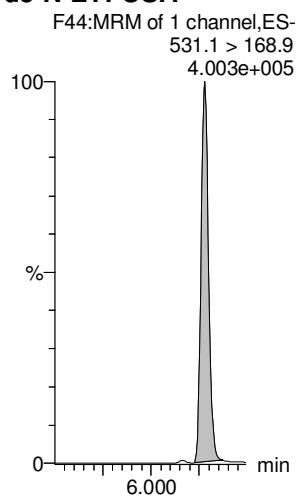
N-EtFOSE



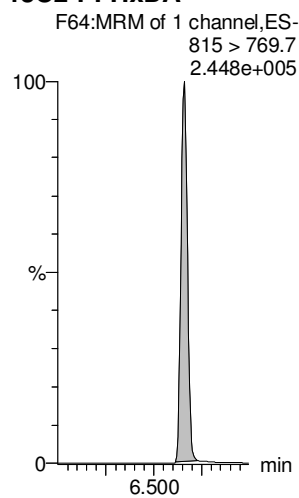
13C2-PFTeDA



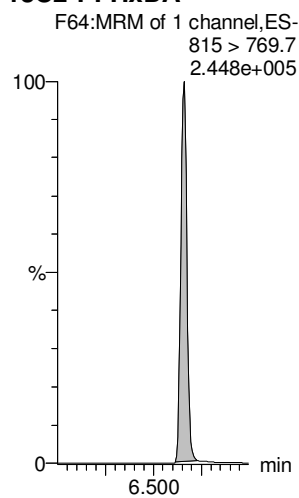
d5-N-ETFOSA



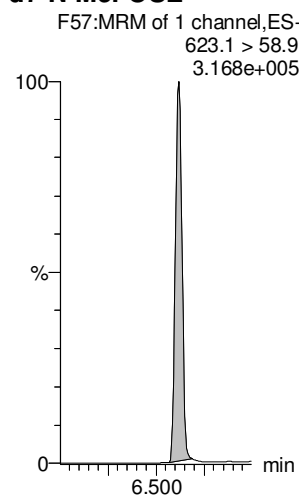
13C2-PFHxDA



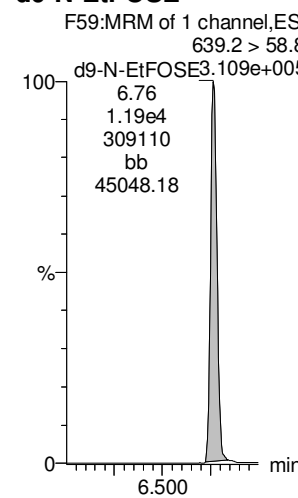
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



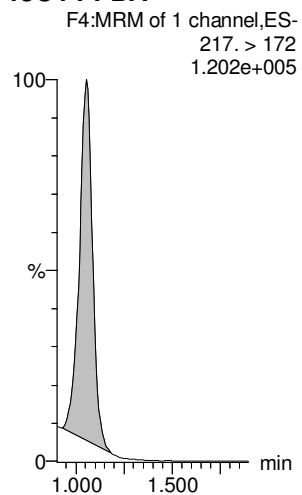
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

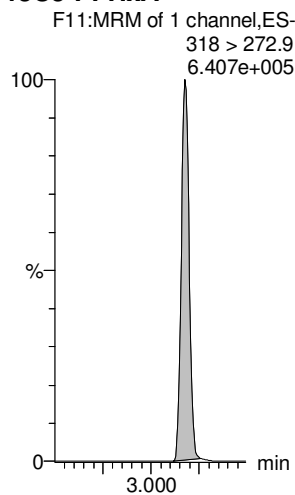
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801

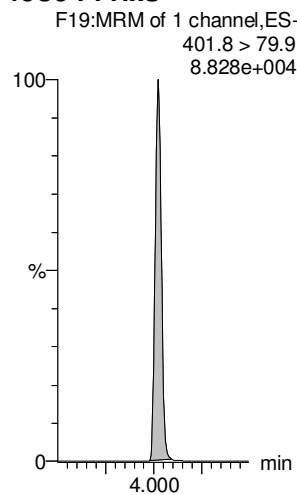
13C4-PFBA



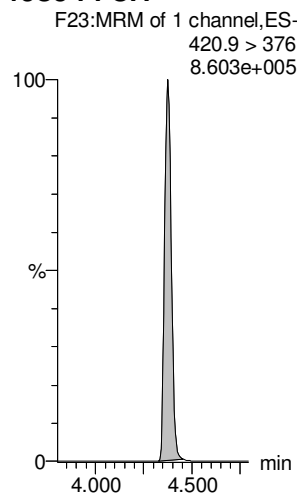
13C5-PFHxA



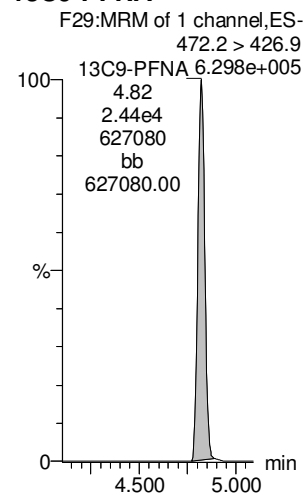
13C3-PFHxS



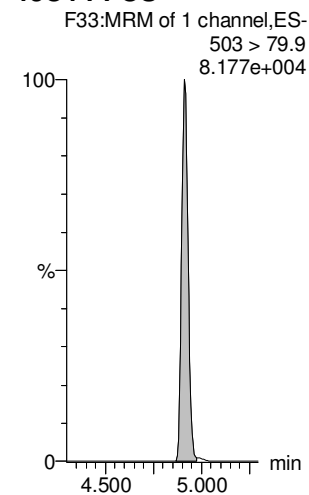
13C8-PFOA



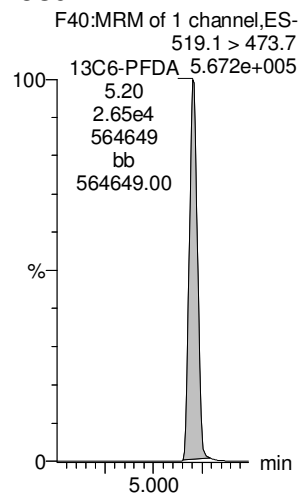
13C9-PFNA



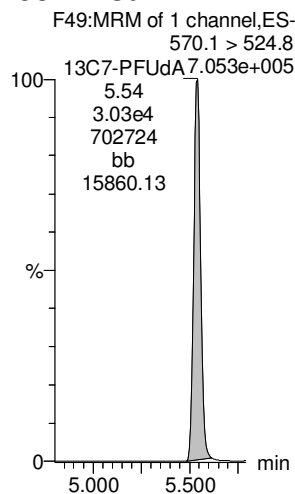
13C4-PFOS



13C6-PFDA



13C7-PFUdA

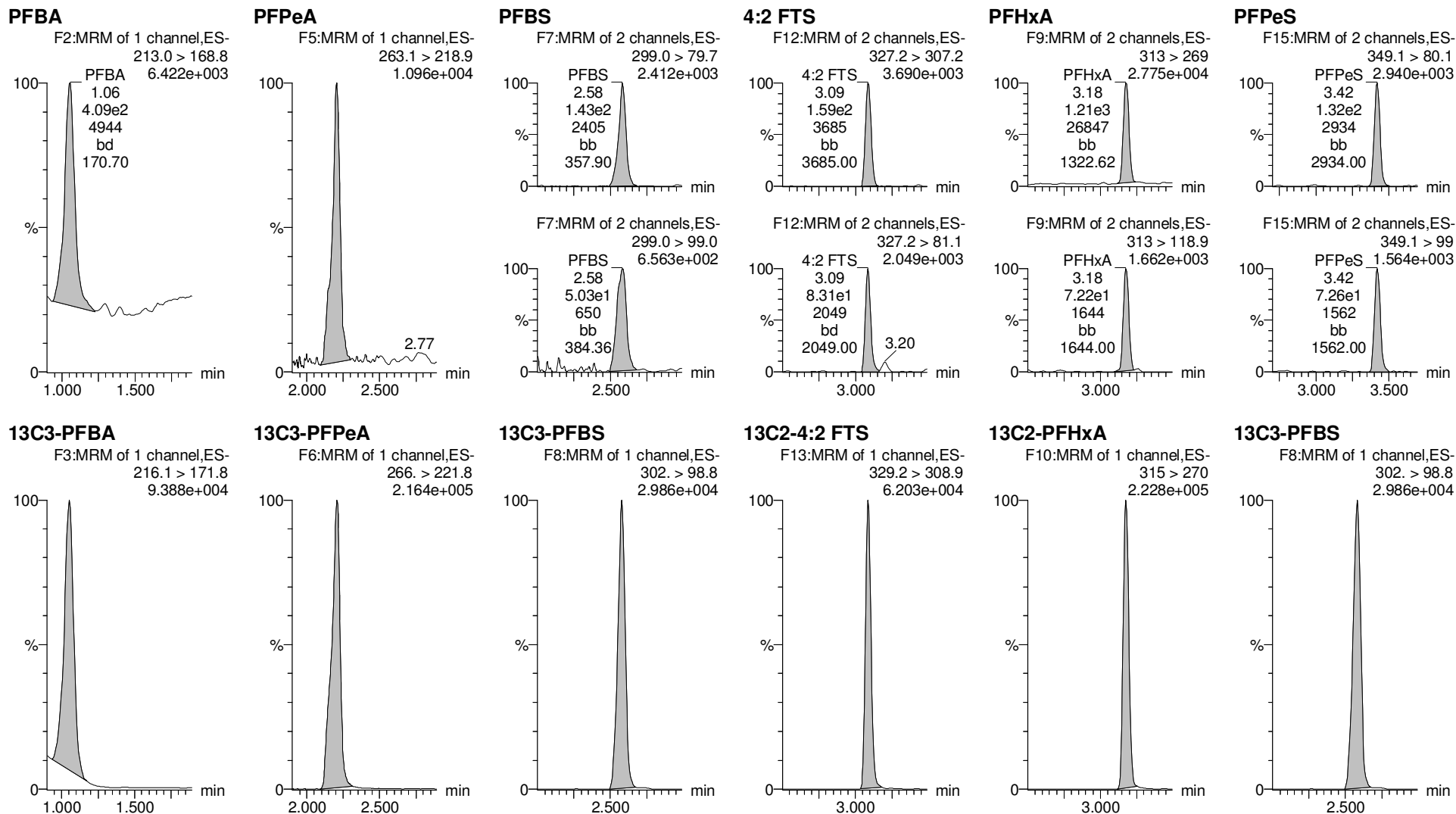


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_3, Date: 17-Oct-2018, Time: 12:28:34, ID: ST181017M1-2 PFC CS-1 18J0802, Description: PFC CS-1 18J0802



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_3, Date: 17-Oct-2018, Time: 12:28:34, ID: ST181017M1-2 PFC CS-1 18J0802, Description: PFC CS-1 18J0802

6:2 FTS

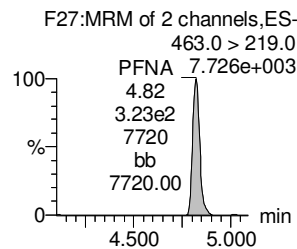
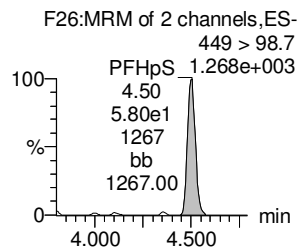
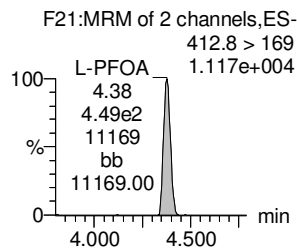
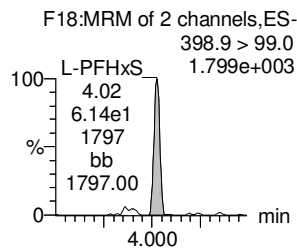
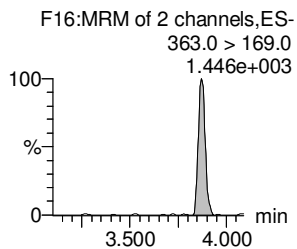
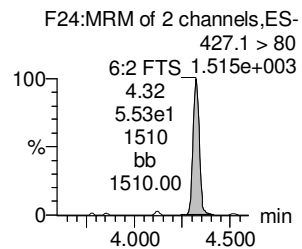
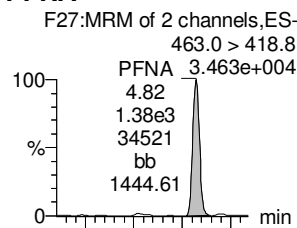
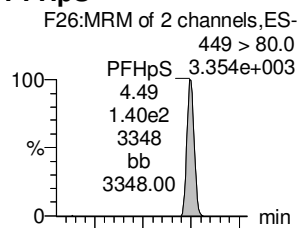
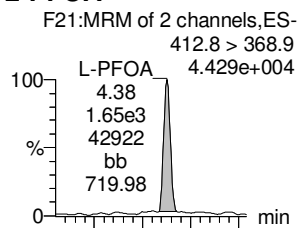
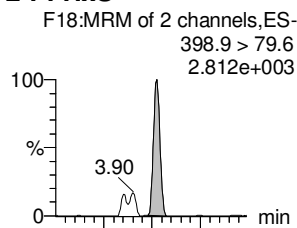
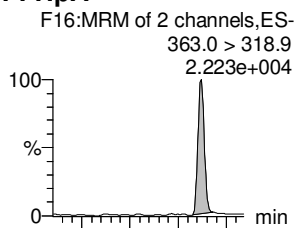
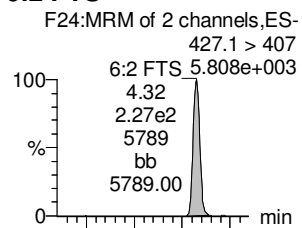
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

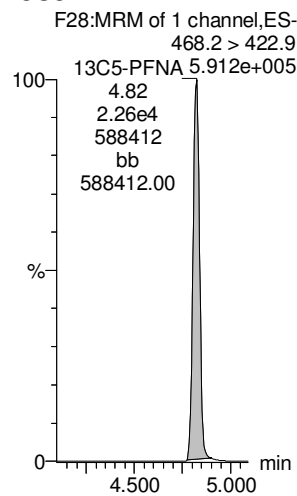
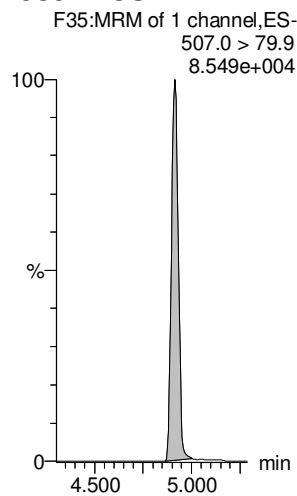
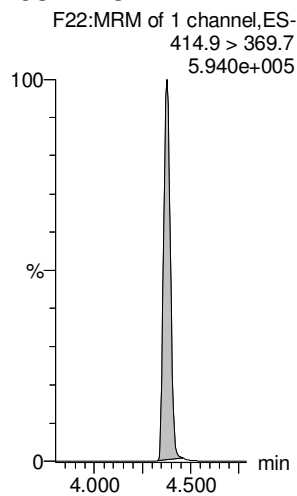
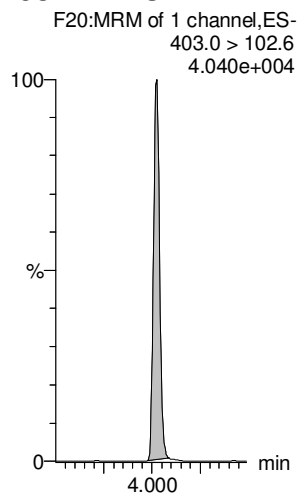
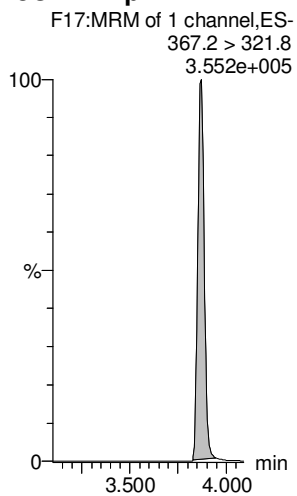
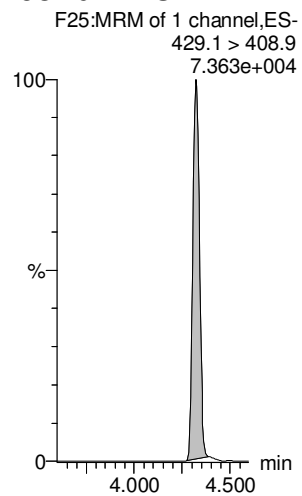
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_3, Date: 17-Oct-2018, Time: 12:28:34, ID: ST181017M1-2 PFC CS-1 18J0802, Description: PFC CS-1 18J0802

PFOSA

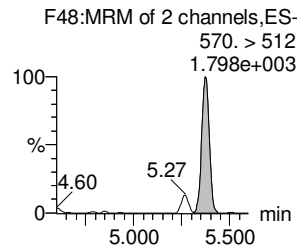
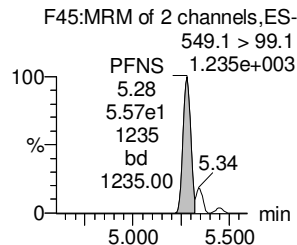
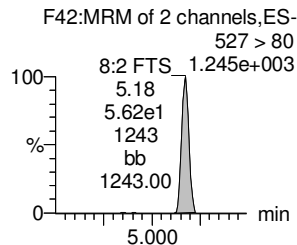
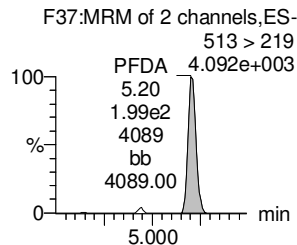
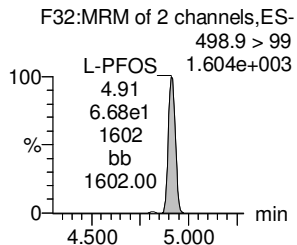
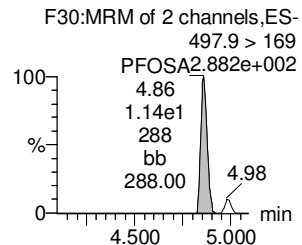
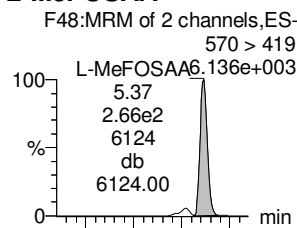
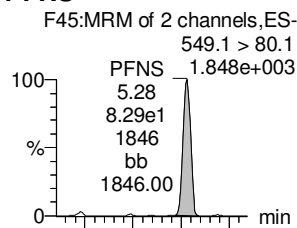
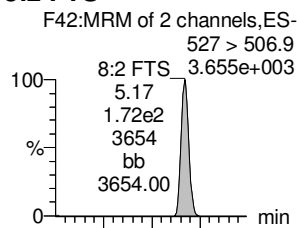
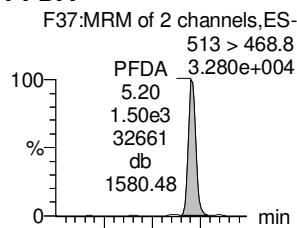
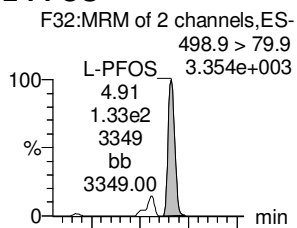
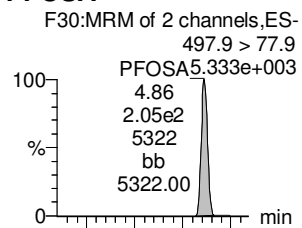
L-PFOS

PFDA

8:2 FTS

PFNS

L-MeFOSAA



13C8-PFOSA

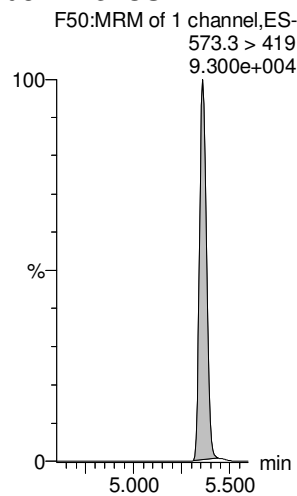
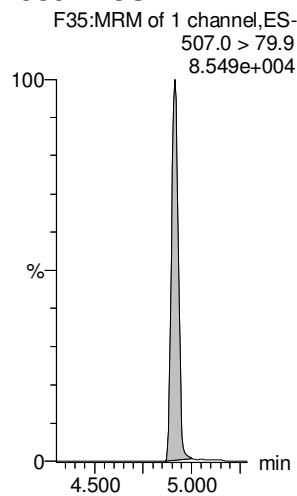
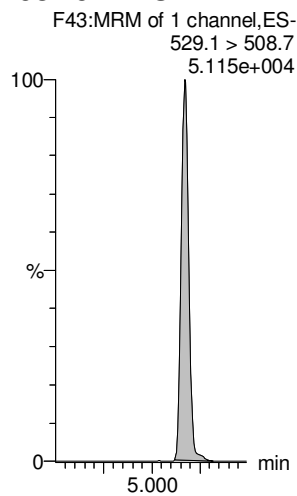
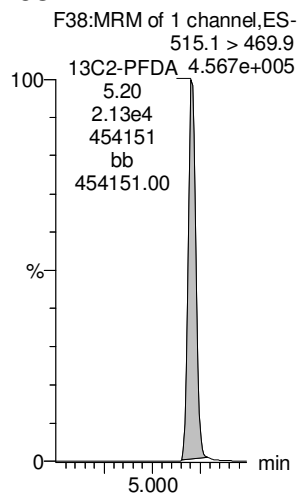
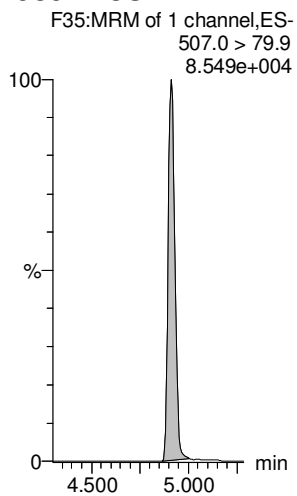
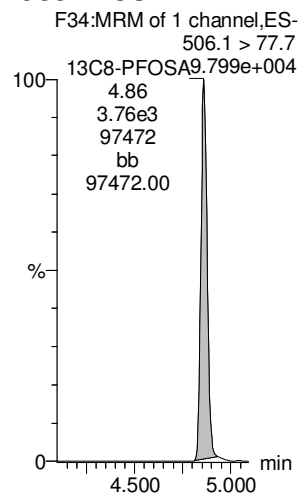
13C8-PFOS

13C2-PFDA

13C2-8:2 FTS

13C8-PFOS

d3-N-MeFOSAA

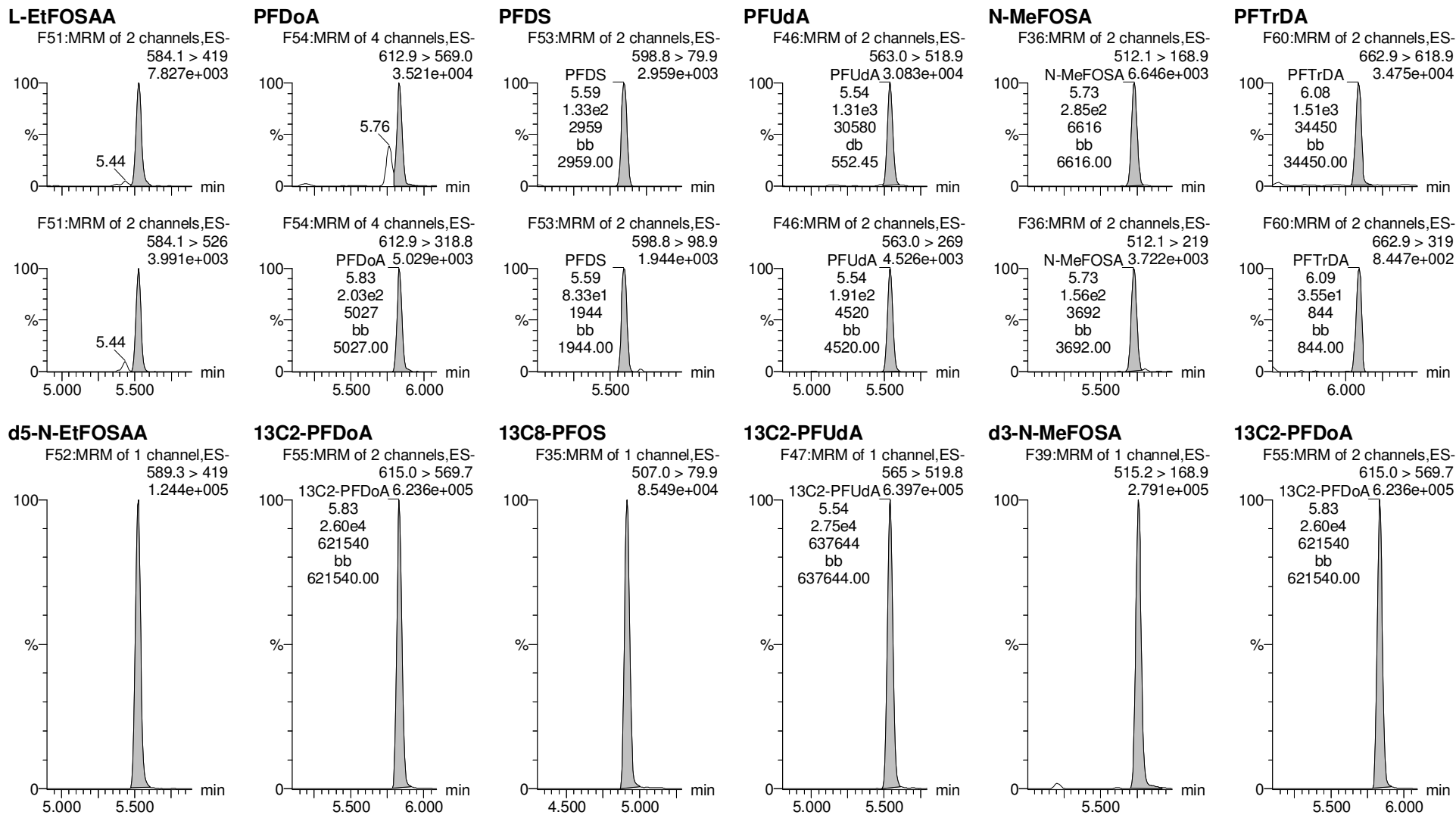


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_3, Date: 17-Oct-2018, Time: 12:28:34, ID: ST181017M1-2 PFC CS-1 18J0802, Description: PFC CS-1 18J0802



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_3, Date: 17-Oct-2018, Time: 12:28:34, ID: ST181017M1-2 PFC CS-1 18J0802, Description: PFC CS-1 18J0802

PFTeDA

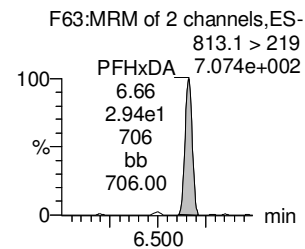
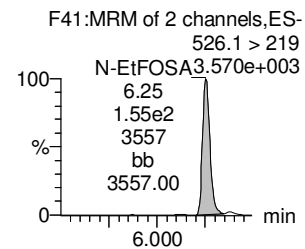
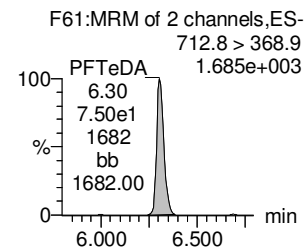
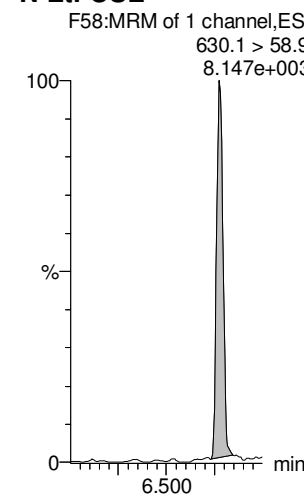
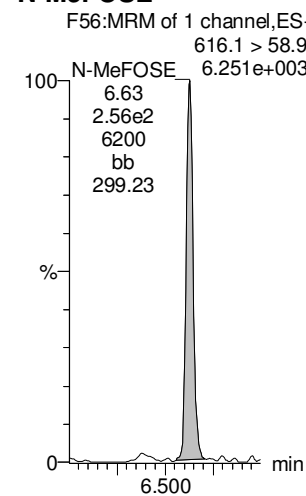
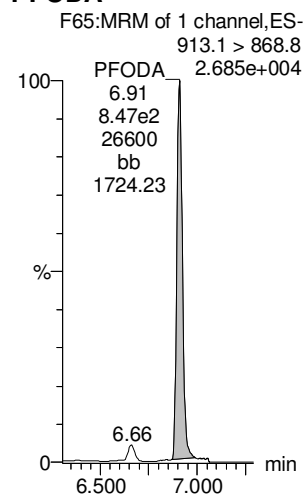
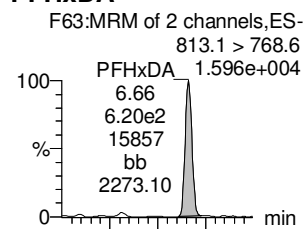
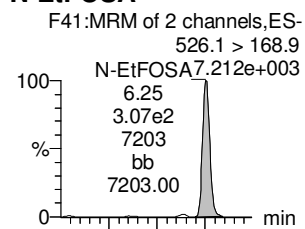
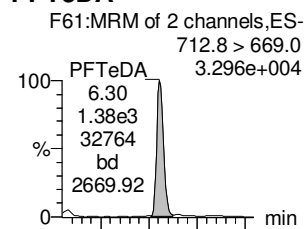
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

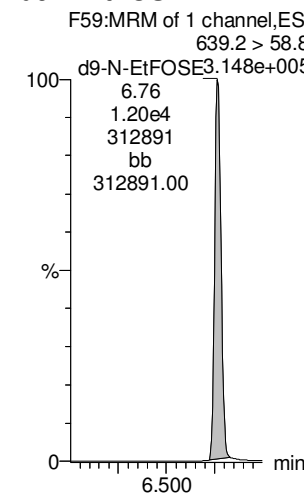
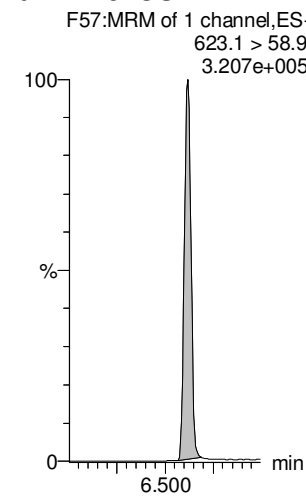
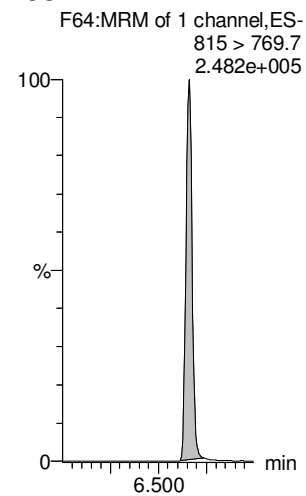
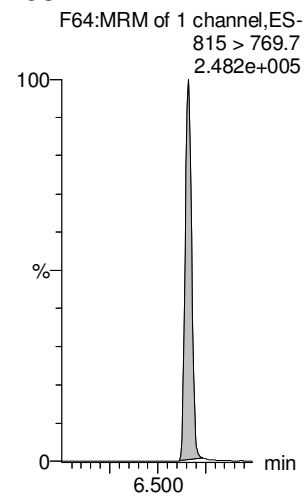
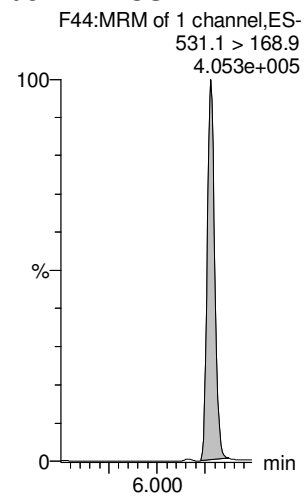
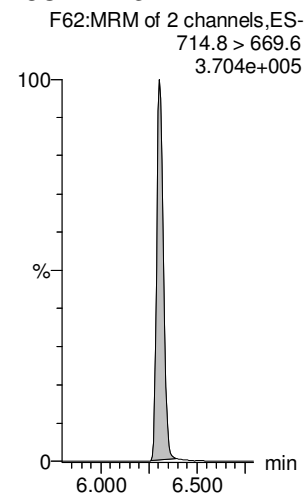
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



Dataset: Untitled

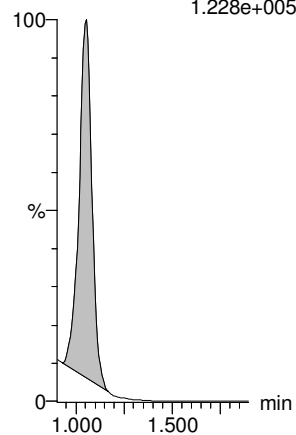
Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_3, Date: 17-Oct-2018, Time: 12:28:34, ID: ST181017M1-2 PFC CS-1 18J0802, Description: PFC CS-1 18J0802

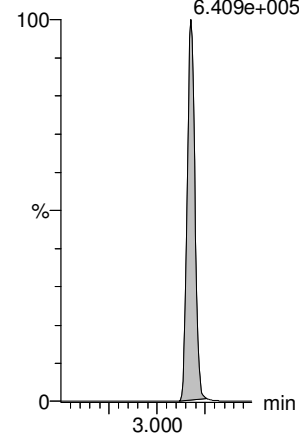
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.228e+005



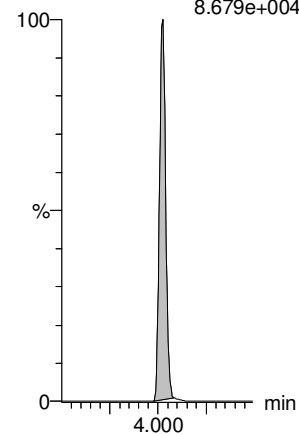
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
6.409e+005



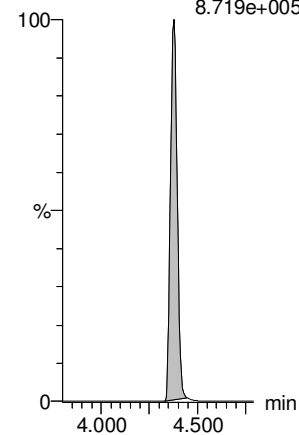
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
8.679e+004



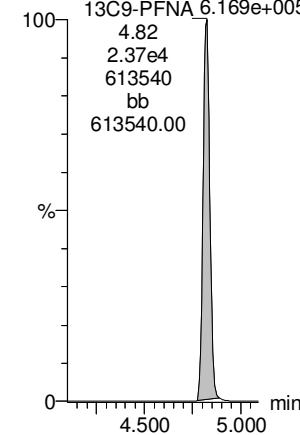
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
8.719e+005



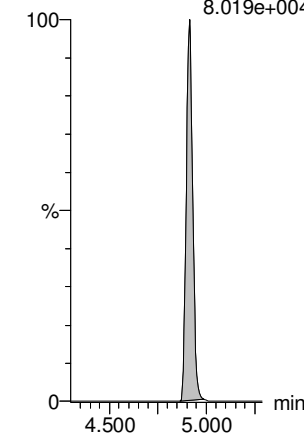
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.169e+005



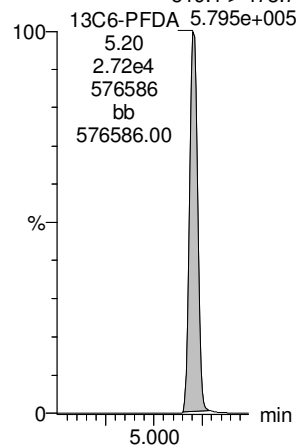
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
8.019e+004



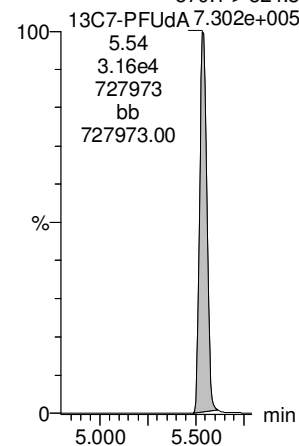
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
5.795e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.302e+005



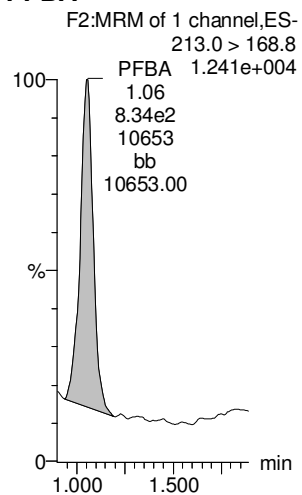
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

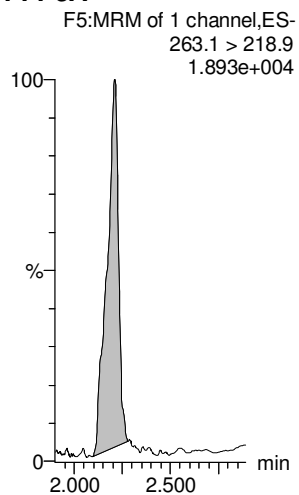
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_4, Date: 17-Oct-2018, Time: 12:39:07, ID: ST181017M1-3 PFC CS0 18J0803, Description: PFC CS0 18J0803

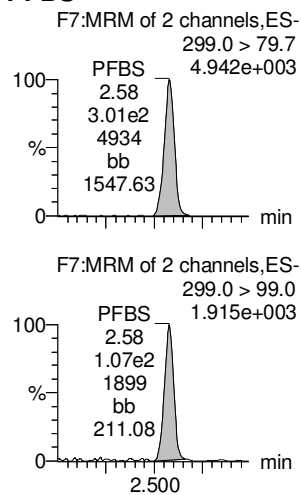
PFBA



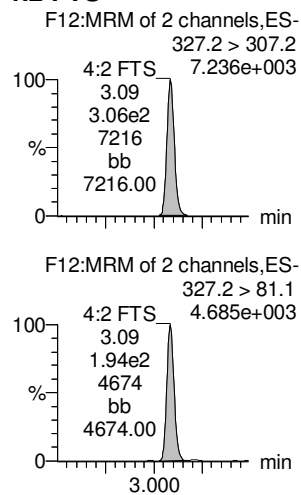
PFPeA



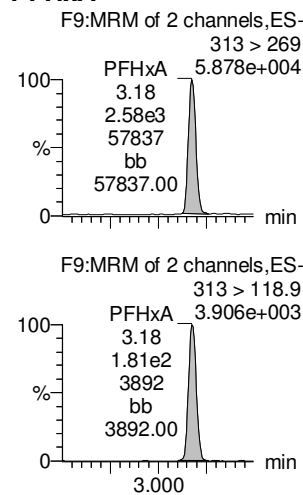
PFBS



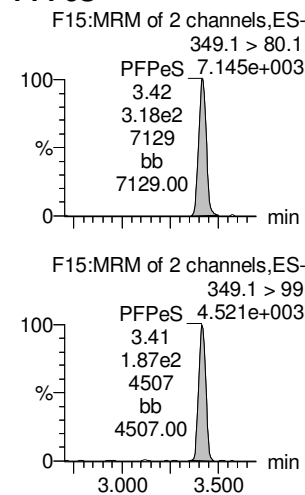
4:2 FTS



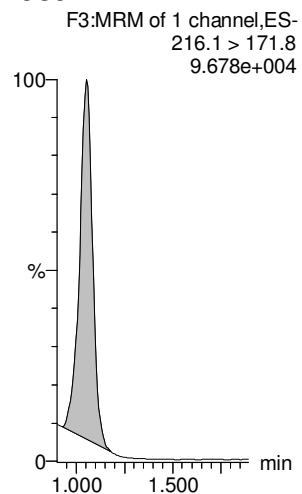
PFHxA



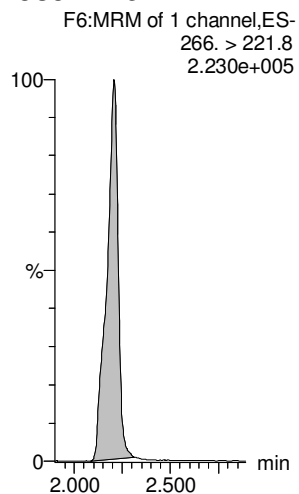
PFPeS



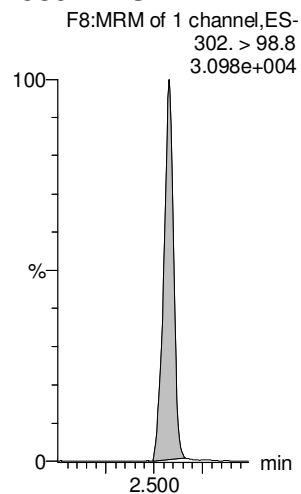
13C3-PFBA



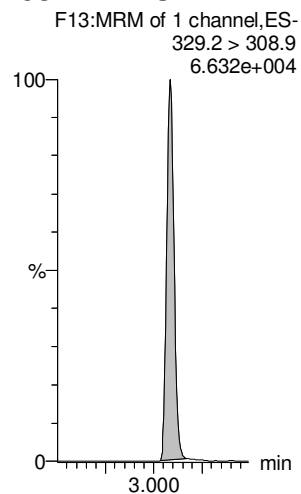
13C3-PFPeA



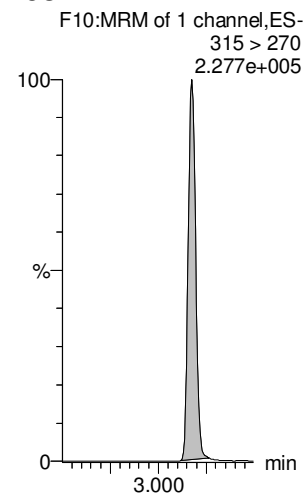
13C3-PFBS



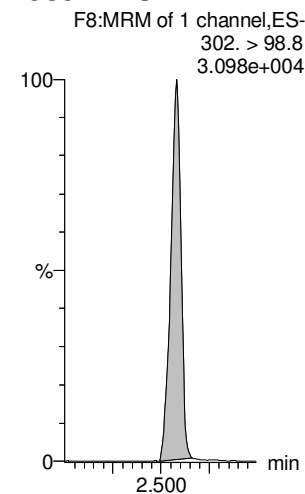
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_4, Date: 17-Oct-2018, Time: 12:39:07, ID: ST181017M1-3 PFC CS0 18J0803, Description: PFC CS0 18J0803

6:2 FTS

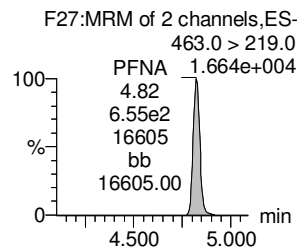
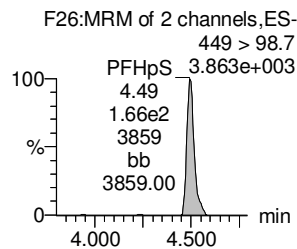
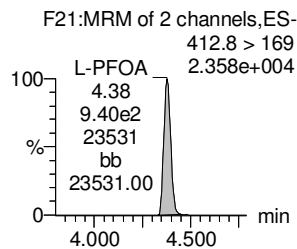
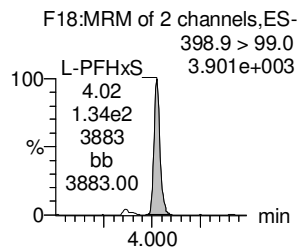
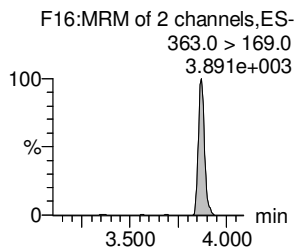
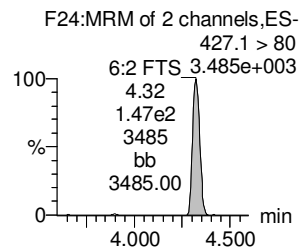
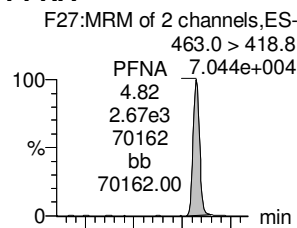
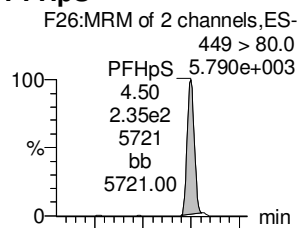
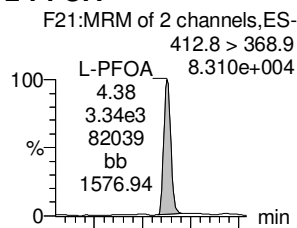
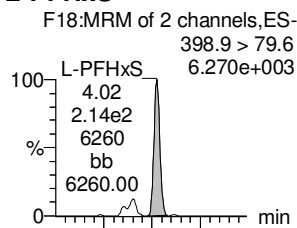
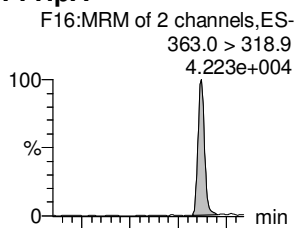
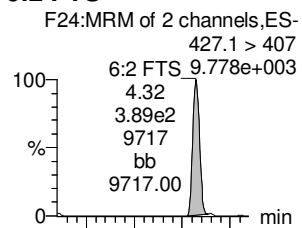
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

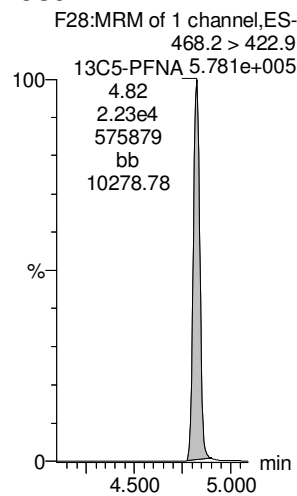
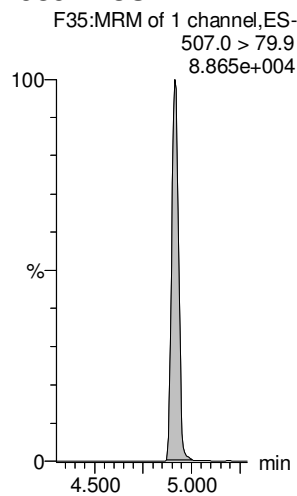
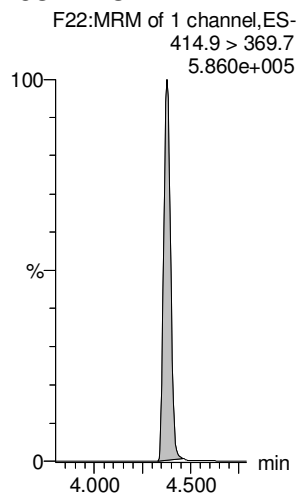
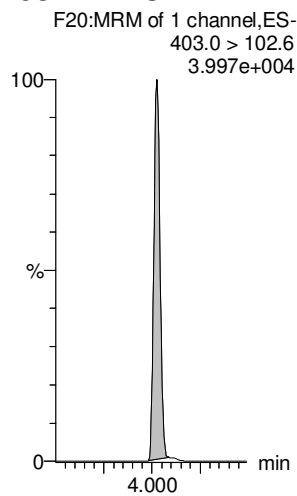
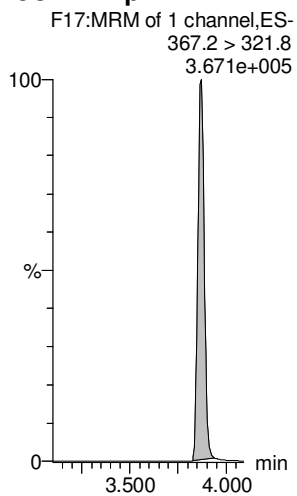
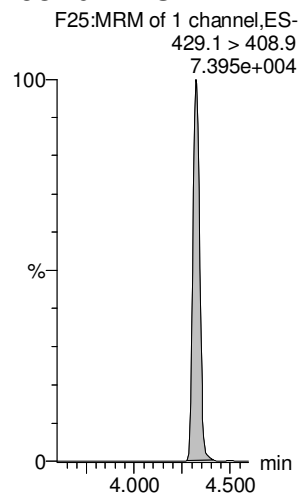
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



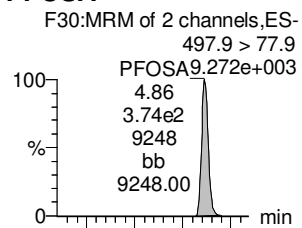
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

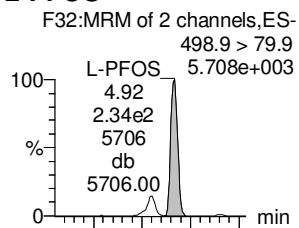
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_4, Date: 17-Oct-2018, Time: 12:39:07, ID: ST181017M1-3 PFC CS0 18J0803, Description: PFC CS0 18J0803

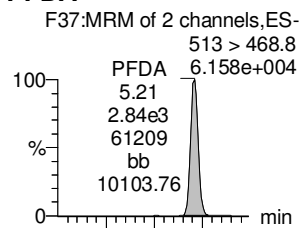
PFOSA



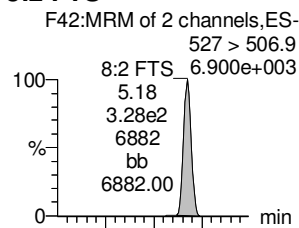
L-PFOS



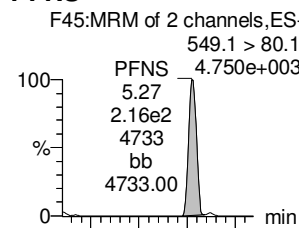
PFDA



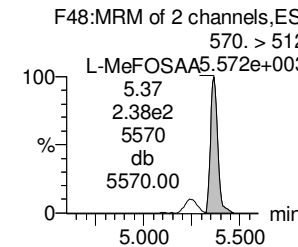
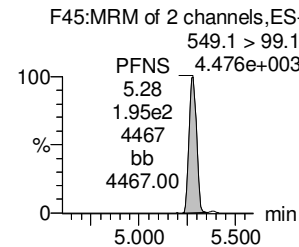
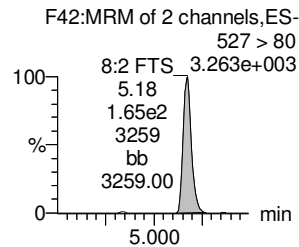
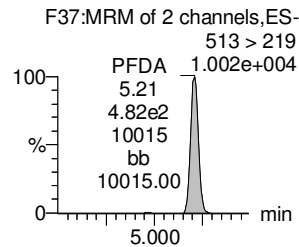
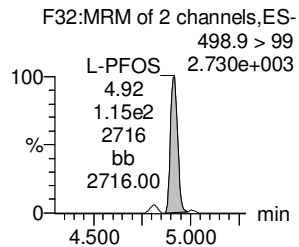
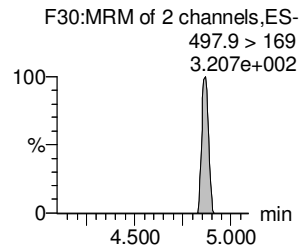
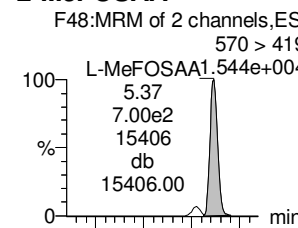
8:2 FTS



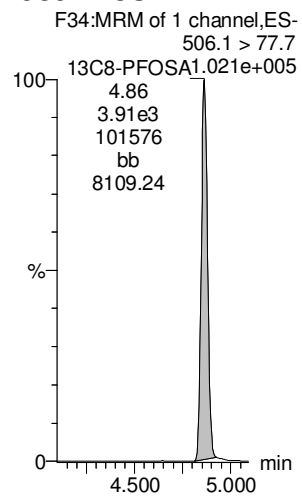
PFNS



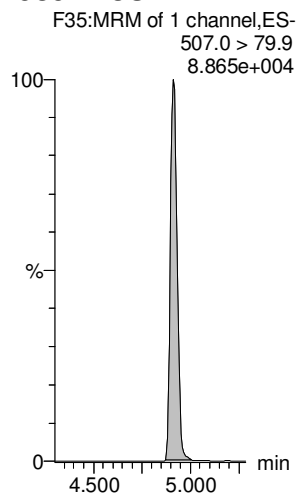
L-MeFOSAA



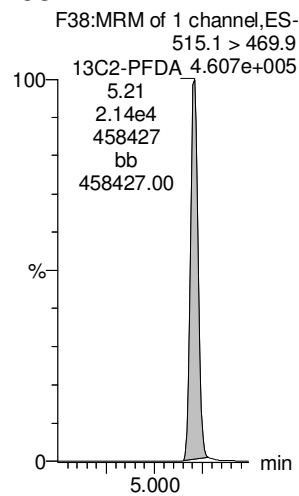
13C8-PFOA



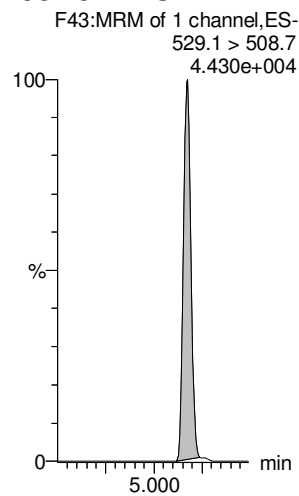
13C8-PFOS



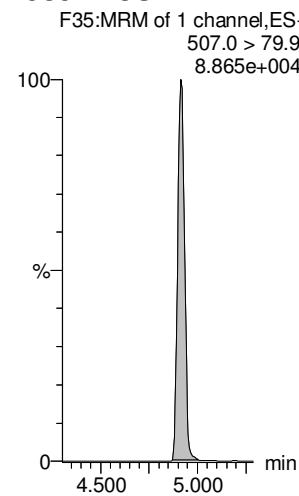
13C2-PFDA



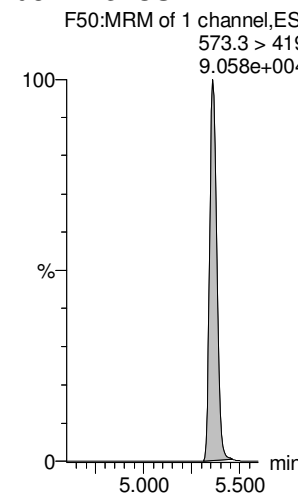
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

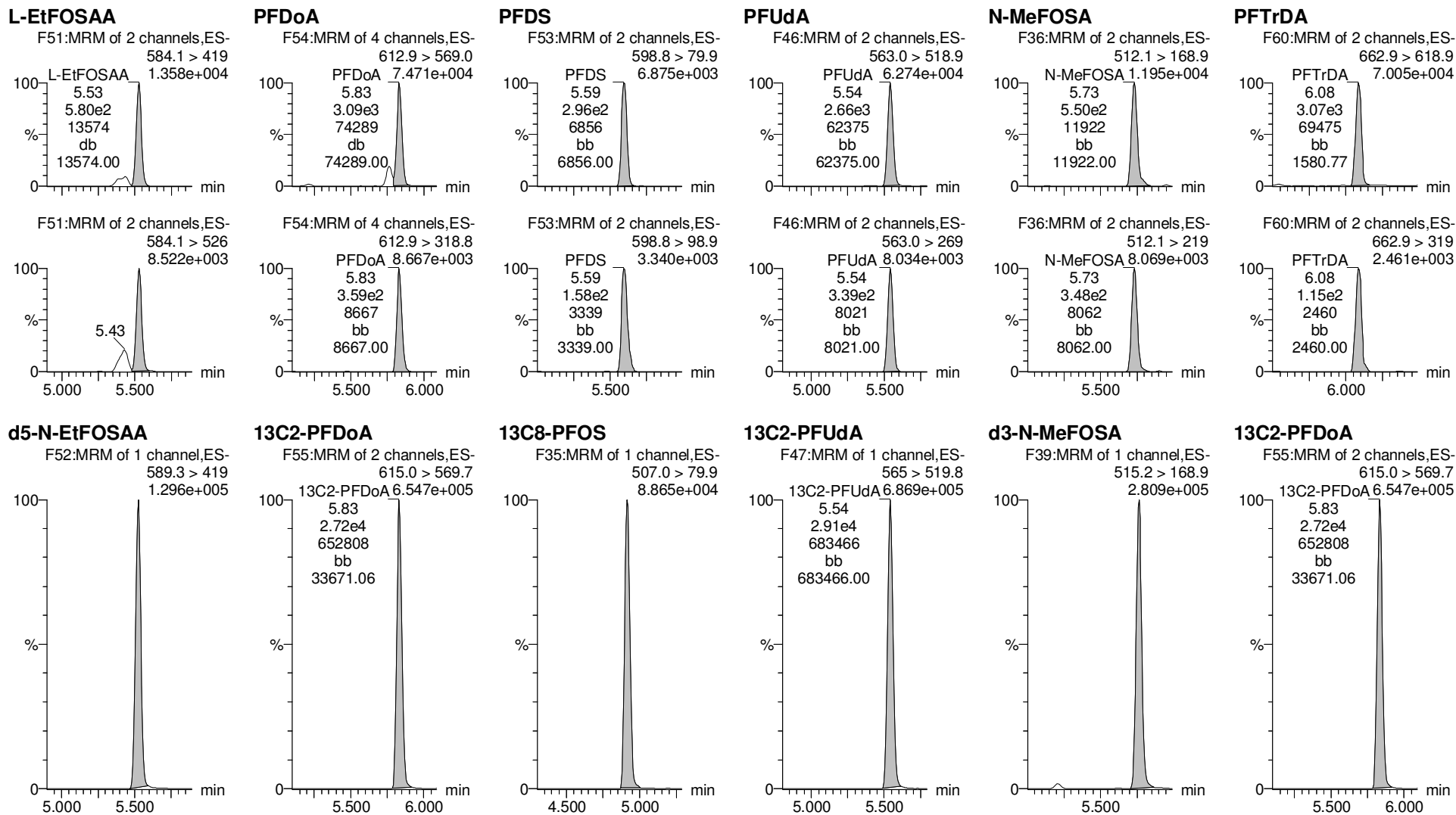


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_4, Date: 17-Oct-2018, Time: 12:39:07, ID: ST181017M1-3 PFC CS0 18J0803, Description: PFC CS0 18J0803



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_4, Date: 17-Oct-2018, Time: 12:39:07, ID: ST181017M1-3 PFC CS0 18J0803, Description: PFC CS0 18J0803

PFTeDA

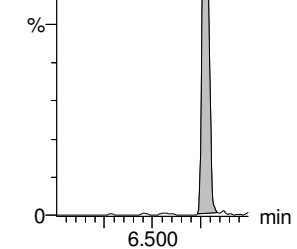
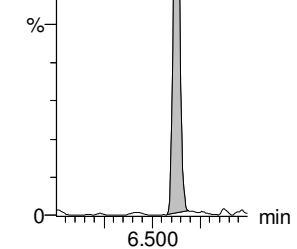
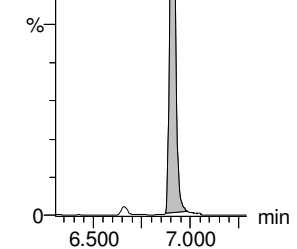
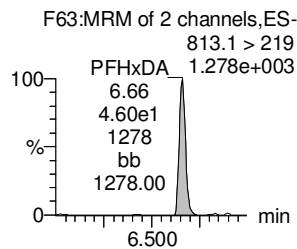
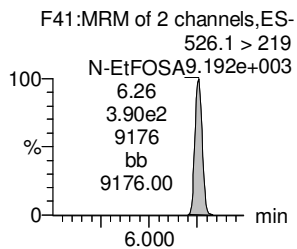
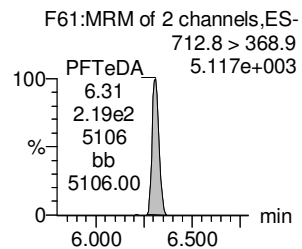
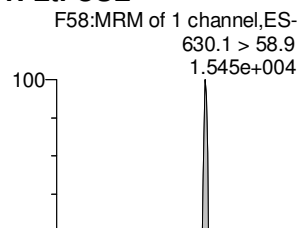
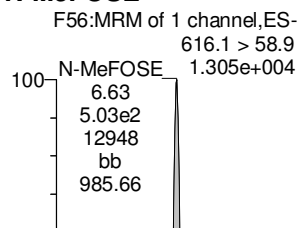
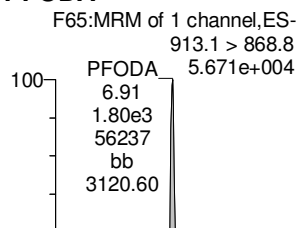
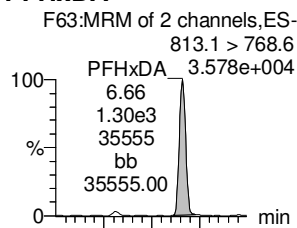
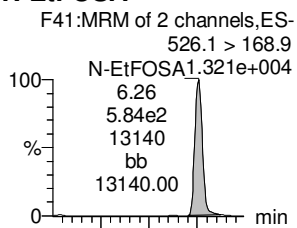
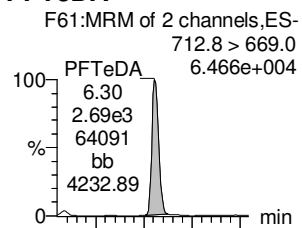
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

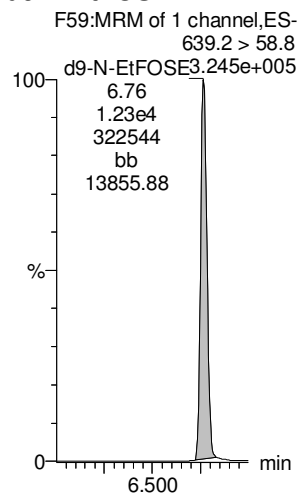
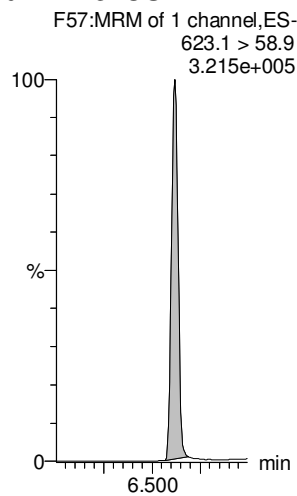
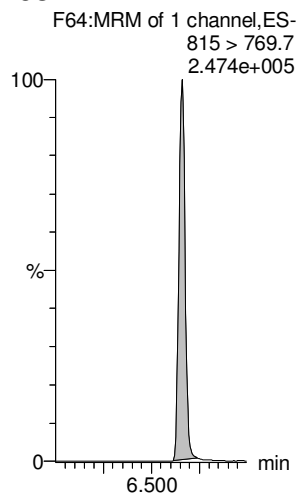
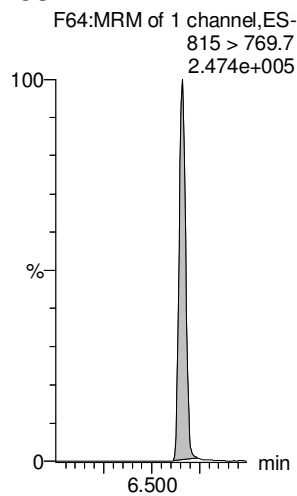
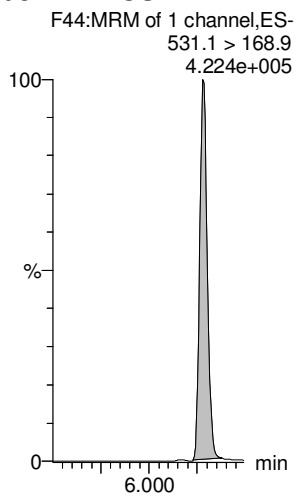
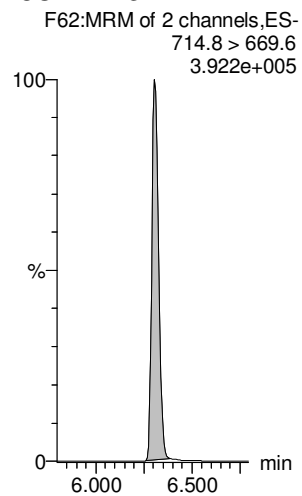
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



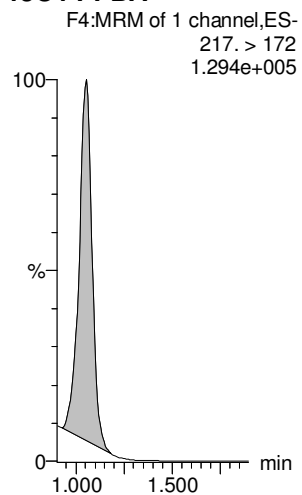
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

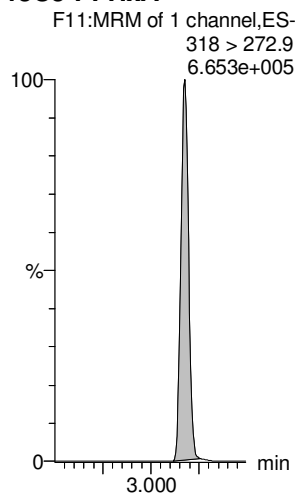
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_4, Date: 17-Oct-2018, Time: 12:39:07, ID: ST181017M1-3 PFC CS0 18J0803, Description: PFC CS0 18J0803

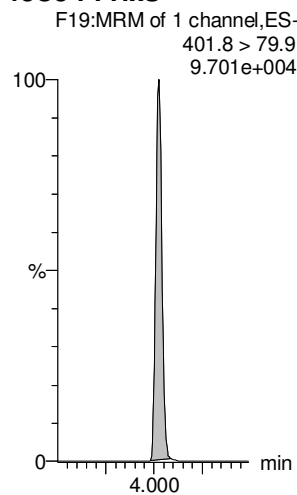
13C4-PFBA



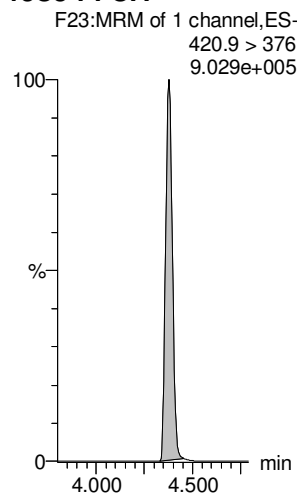
13C5-PFHxA



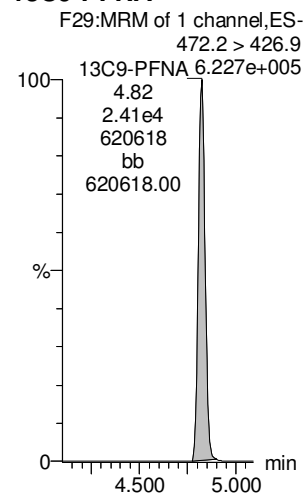
13C3-PFHxS



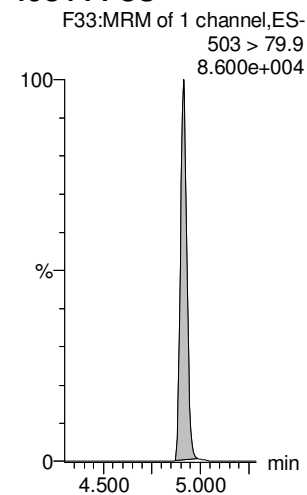
13C8-PFOA



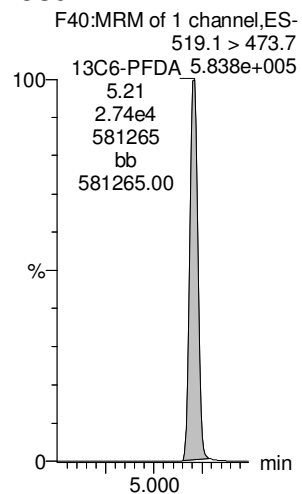
13C9-PFNA



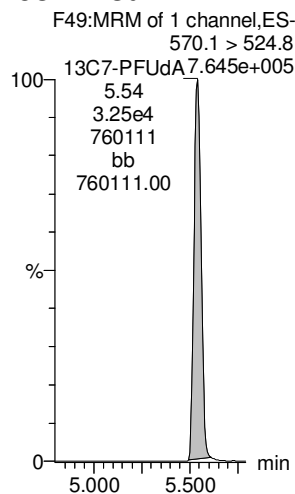
13C4-PFOS



13C6-PFDA



13C7-PFUdA

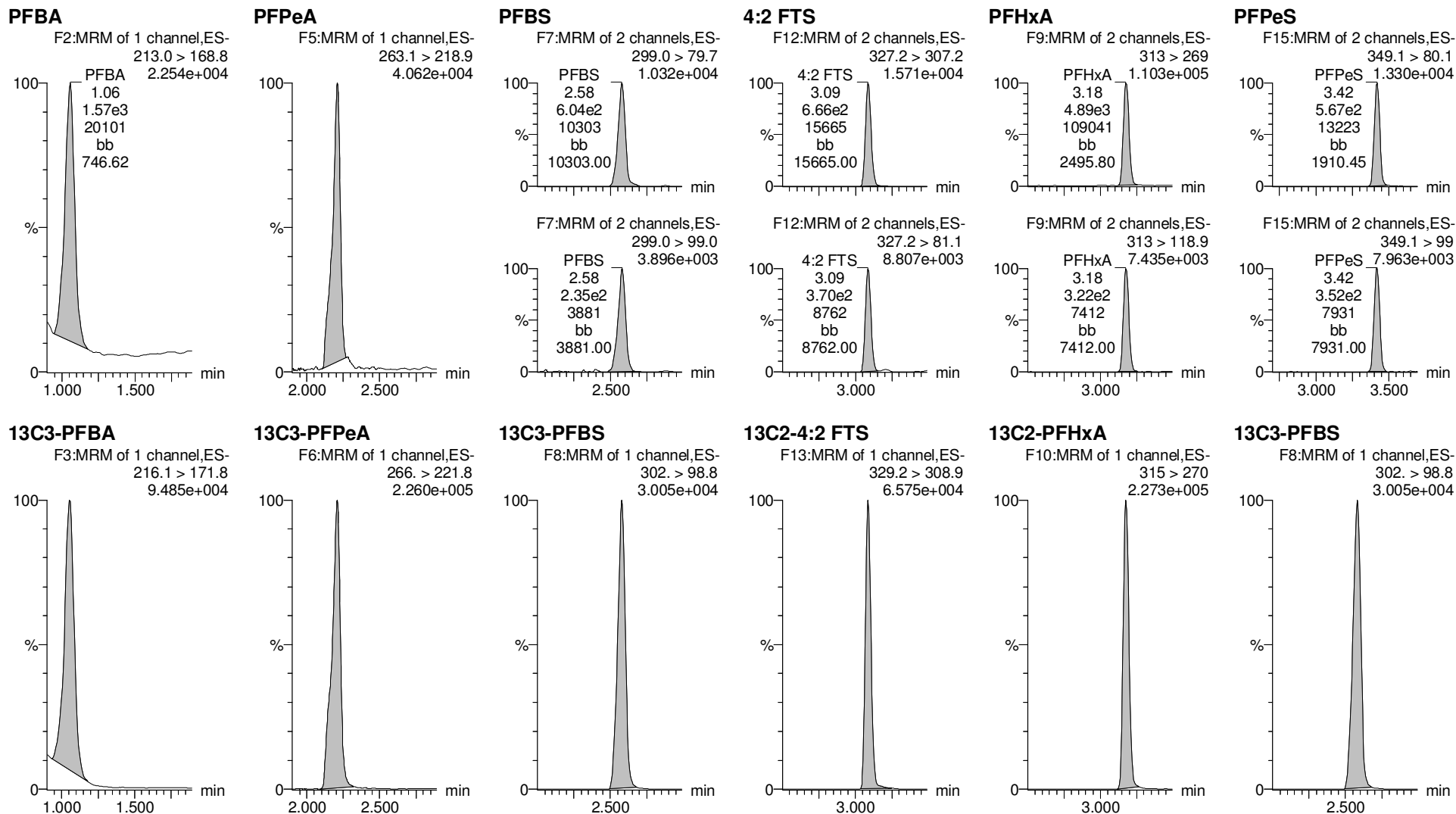


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_5, Date: 17-Oct-2018, Time: 12:49:46, ID: ST181017M1-4 PFC CS1 18J0804, Description: PFC CS1 18J0804



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_5, Date: 17-Oct-2018, Time: 12:49:46, ID: ST181017M1-4 PFC CS1 18J0804, Description: PFC CS1 18J0804

6:2 FTS

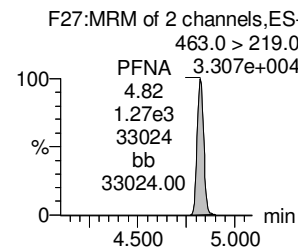
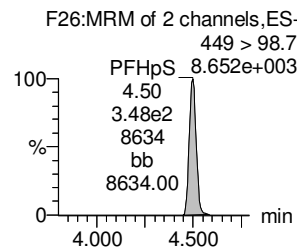
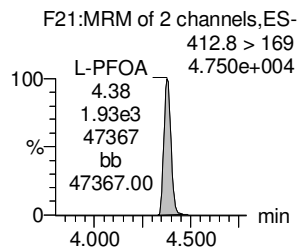
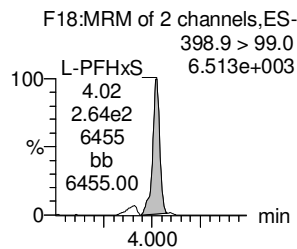
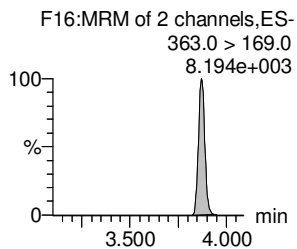
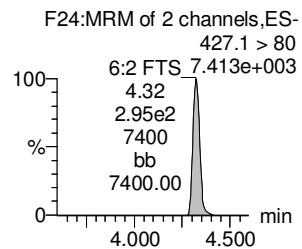
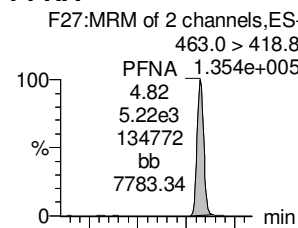
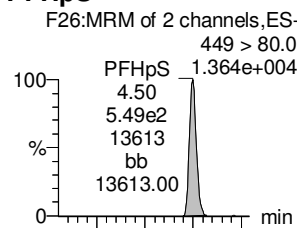
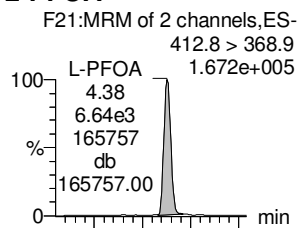
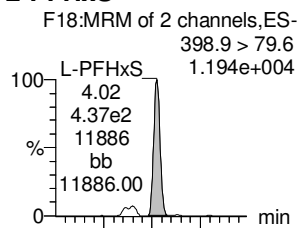
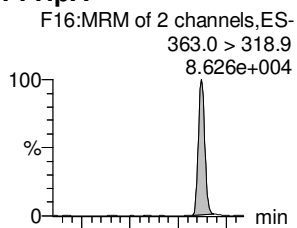
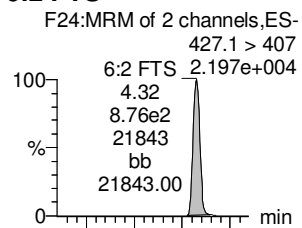
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

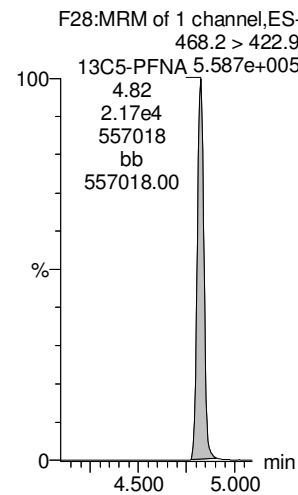
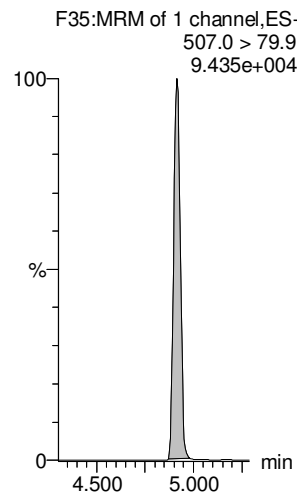
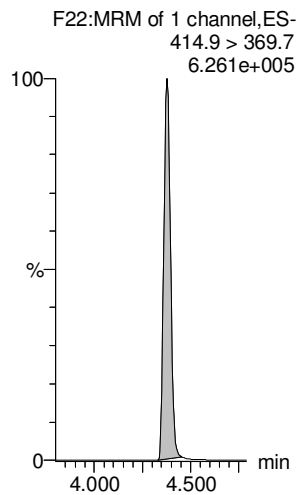
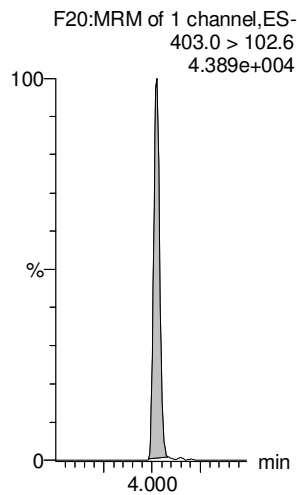
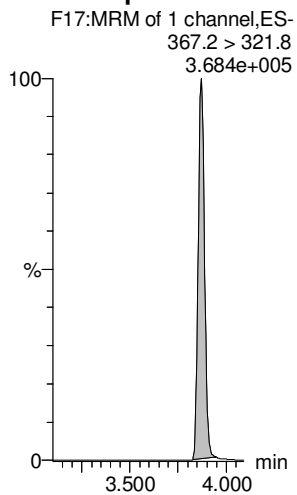
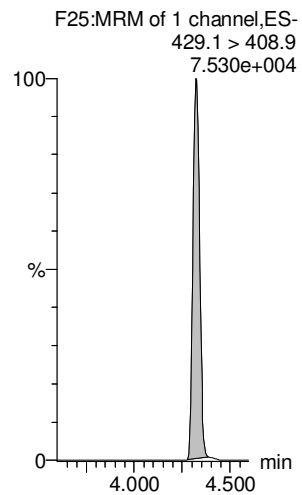
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA

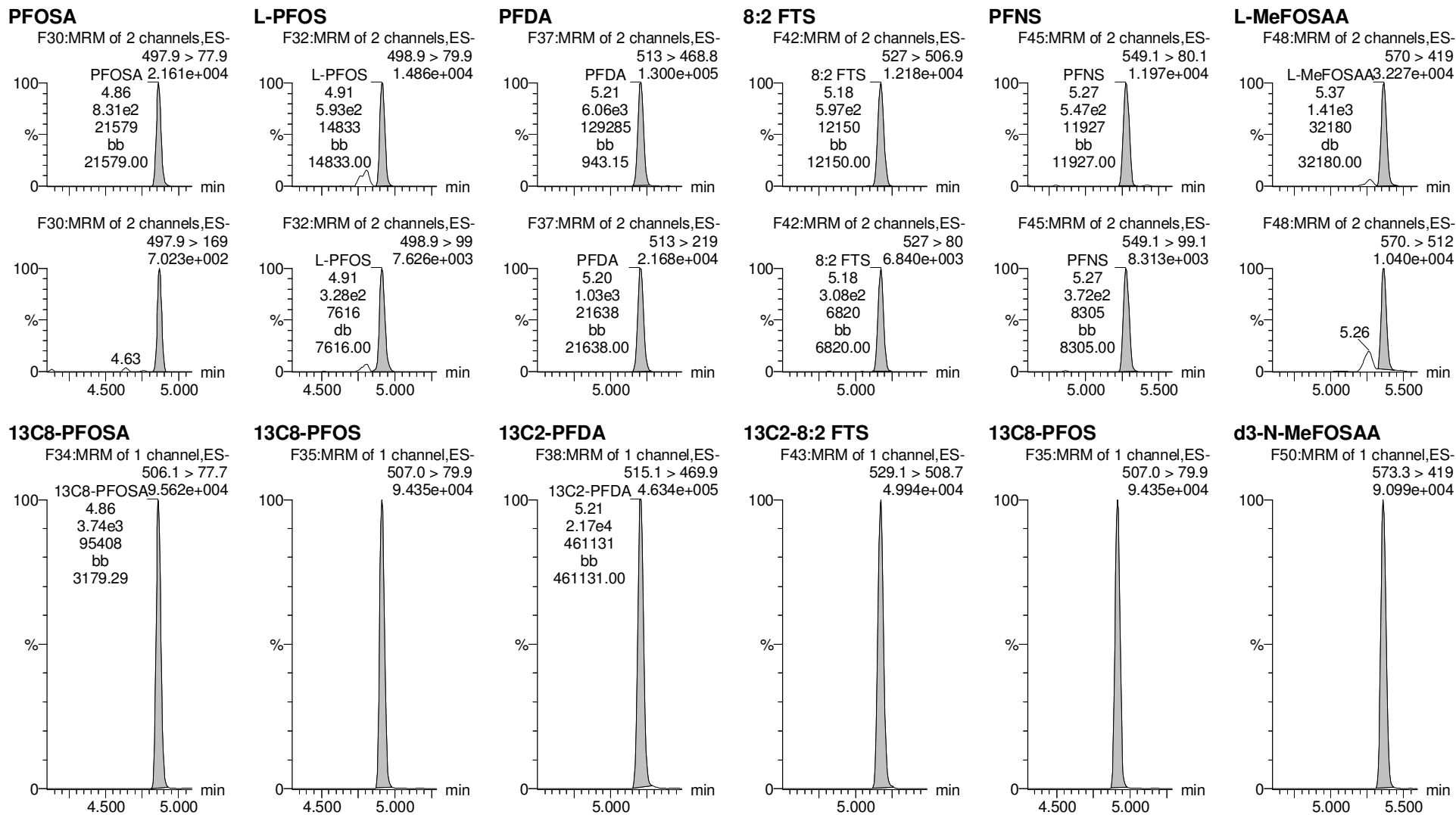


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_5, Date: 17-Oct-2018, Time: 12:49:46, ID: ST181017M1-4 PFC CS1 18J0804, Description: PFC CS1 18J0804

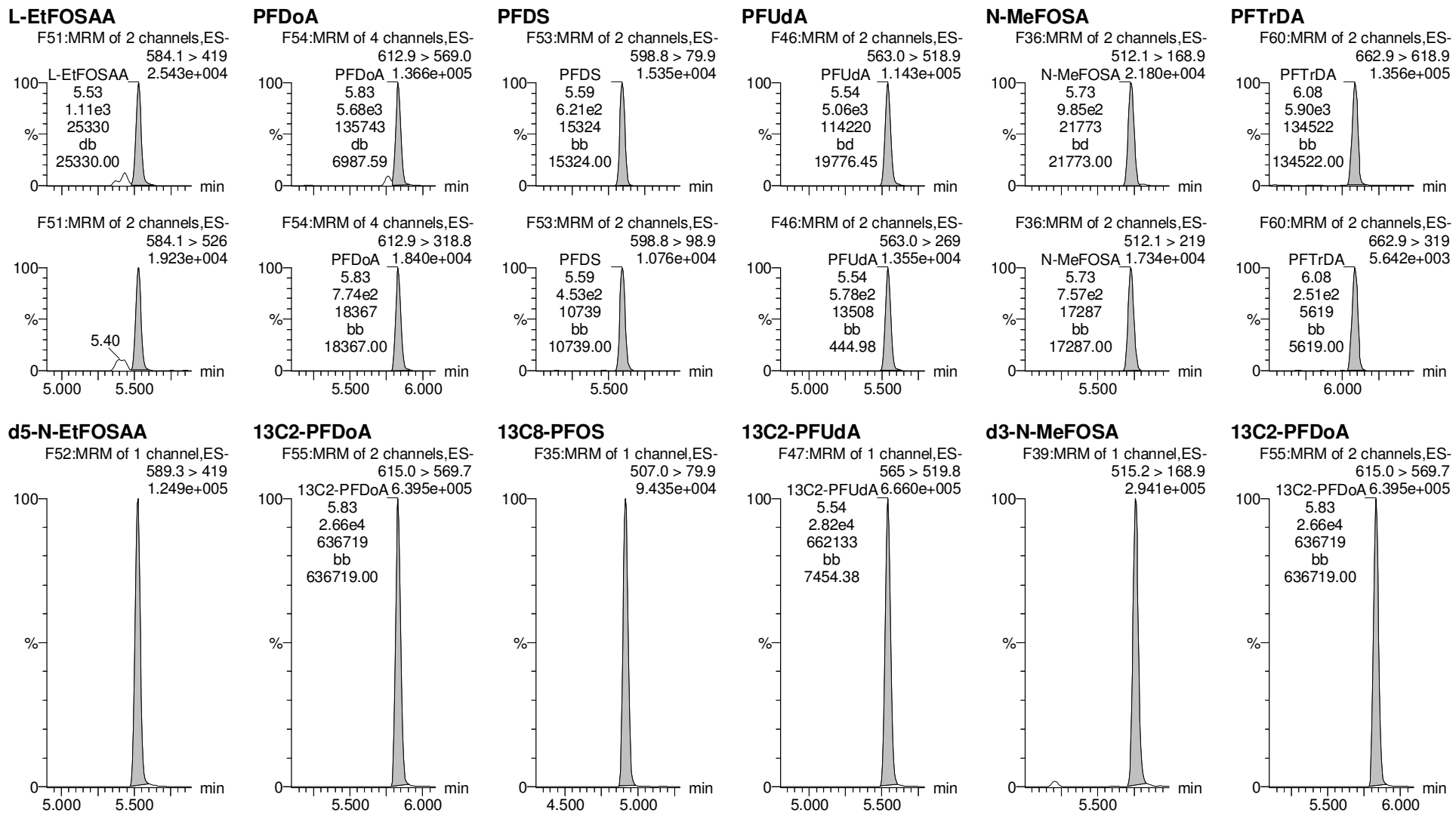


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_5, Date: 17-Oct-2018, Time: 12:49:46, ID: ST181017M1-4 PFC CS1 18J0804, Description: PFC CS1 18J0804



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_5, Date: 17-Oct-2018, Time: 12:49:46, ID: ST181017M1-4 PFC CS1 18J0804, Description: PFC CS1 18J0804

PFTeDA

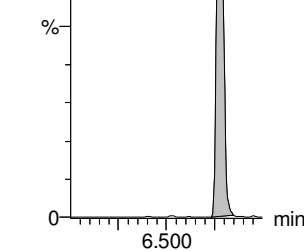
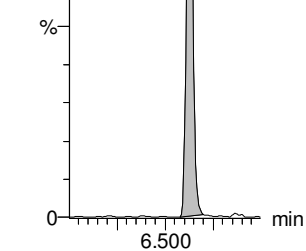
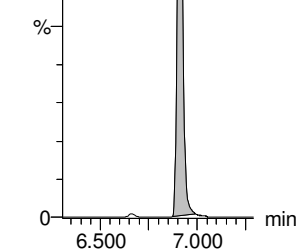
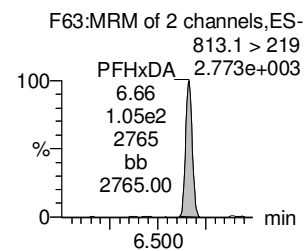
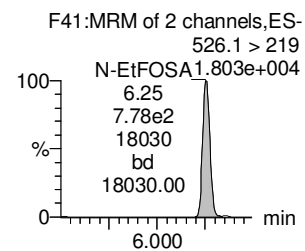
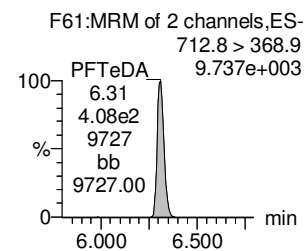
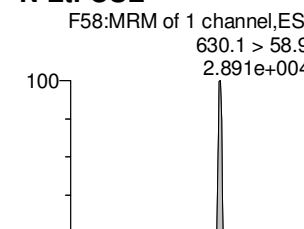
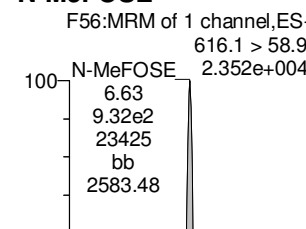
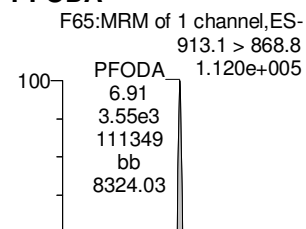
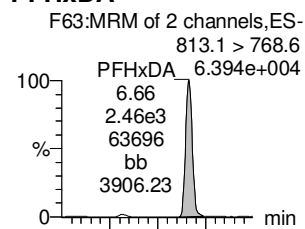
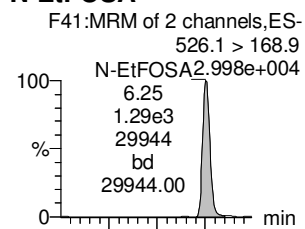
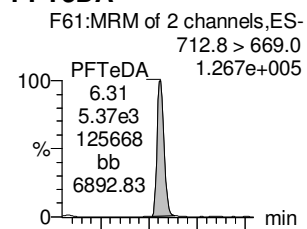
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



¹³C2-PFTeDA

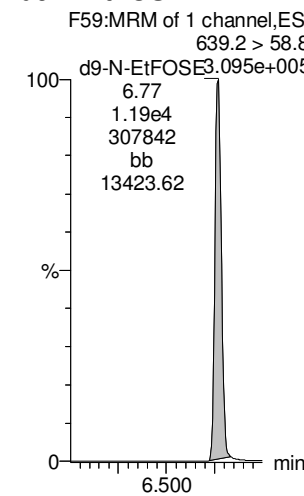
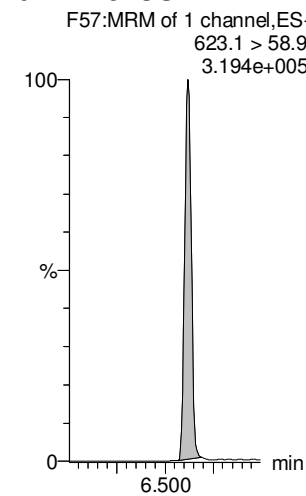
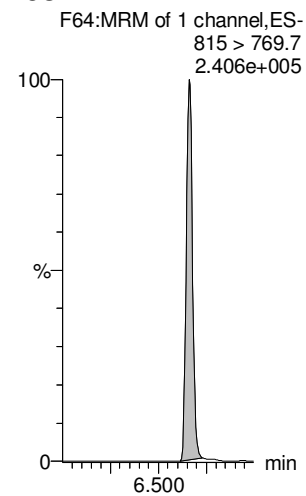
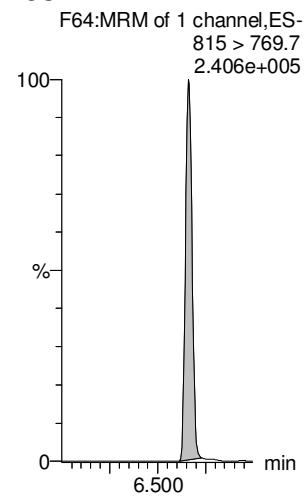
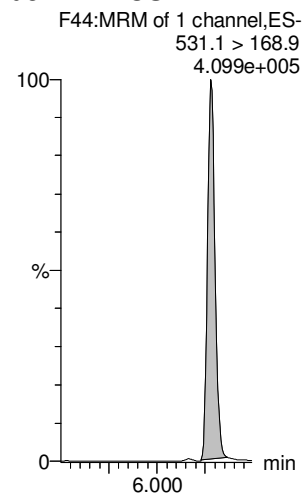
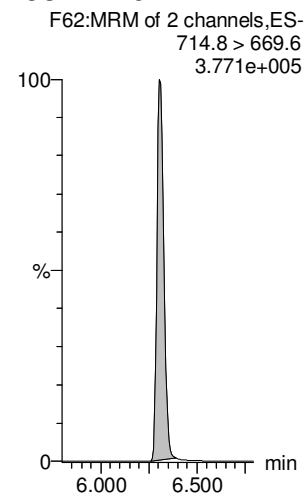
d5-N-ETFOSA

¹³C2-PFHxDA

¹³C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



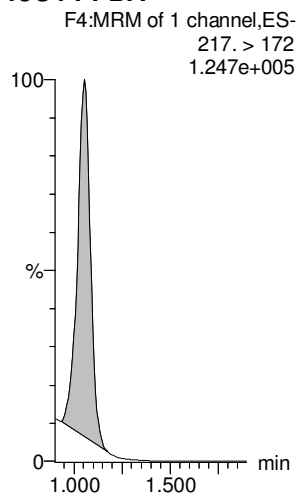
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

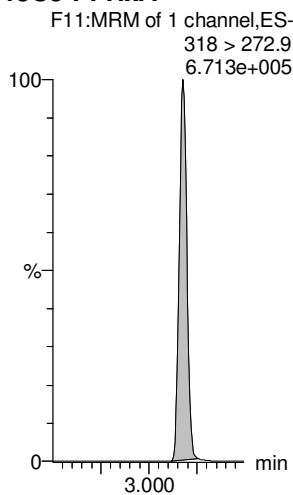
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_5, Date: 17-Oct-2018, Time: 12:49:46, ID: ST181017M1-4 PFC CS1 18J0804, Description: PFC CS1 18J0804

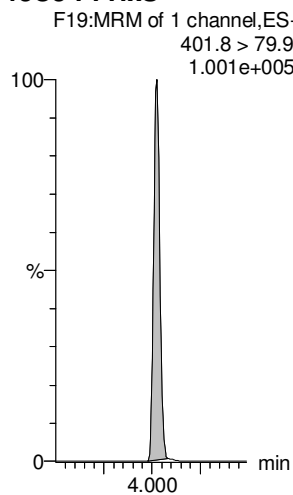
13C4-PFBA



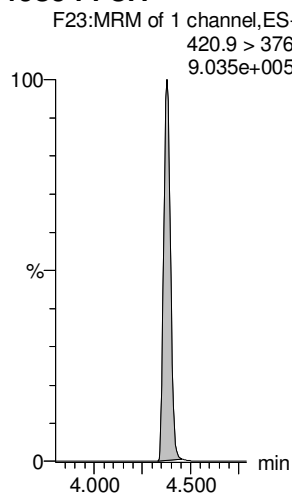
13C5-PFHxA



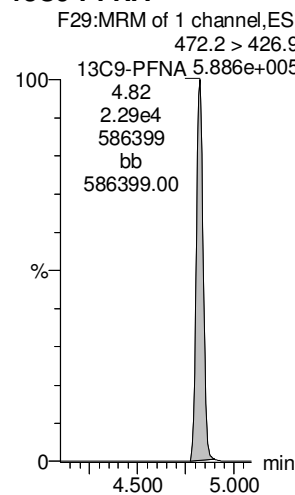
13C3-PFHxS



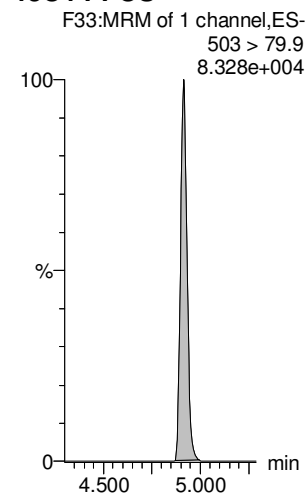
13C8-PFOA



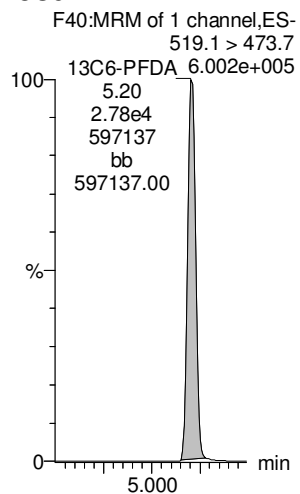
13C9-PFNA



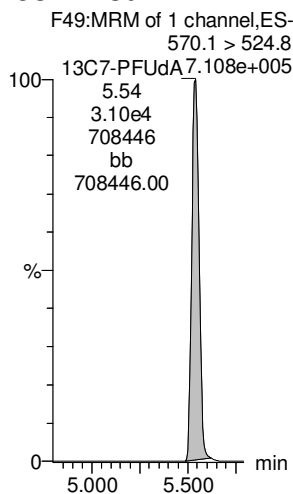
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_6, Date: 17-Oct-2018, Time: 13:00:24, ID: ST181017M1-5 PFC CS2 18J0805, Description: PFC CS2 18J0805

PFBA

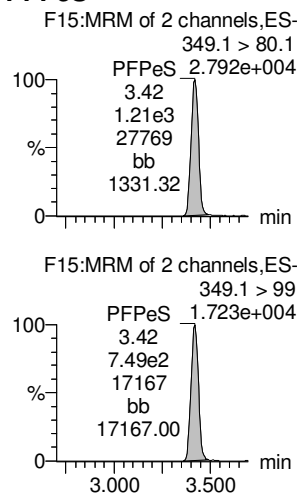
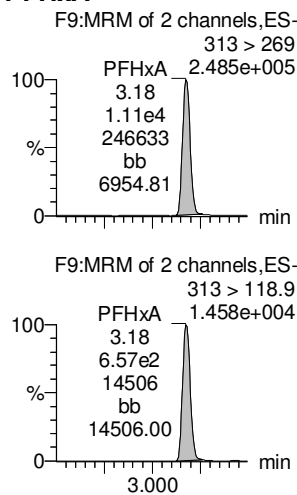
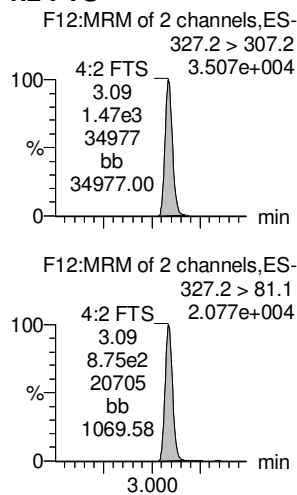
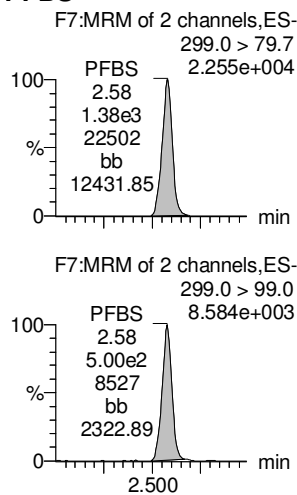
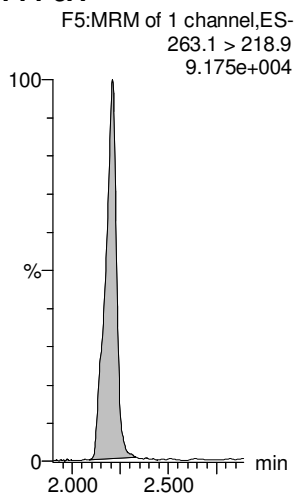
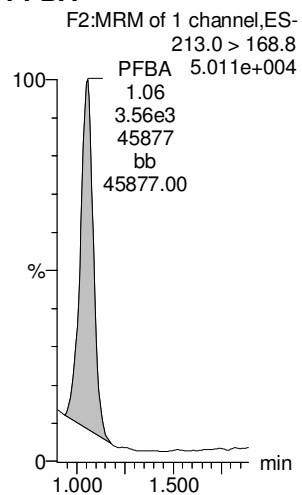
PFPeA

PFBS

4:2 FTS

PFHxA

PFPeS



13C3-PFBA

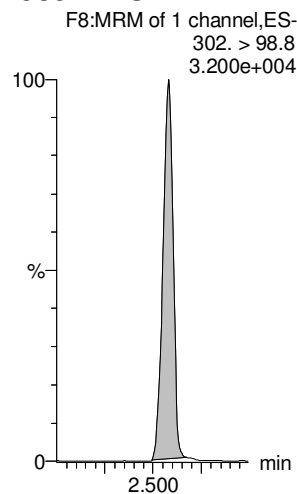
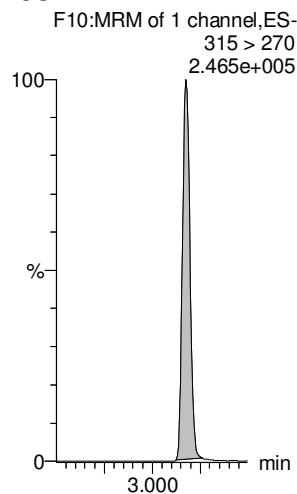
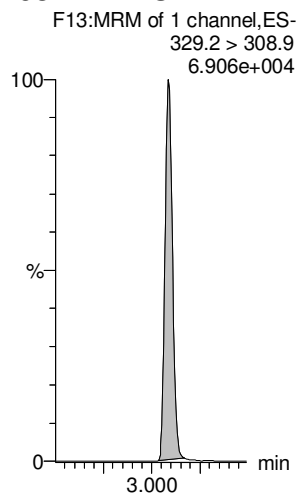
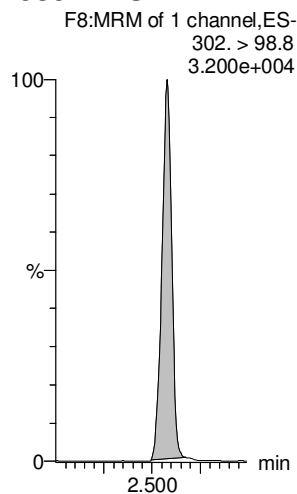
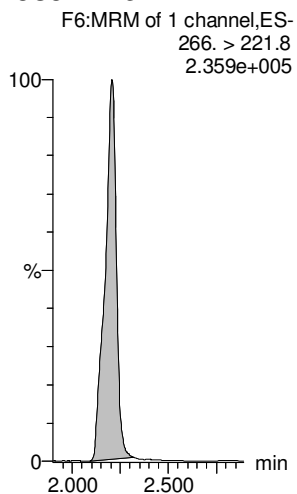
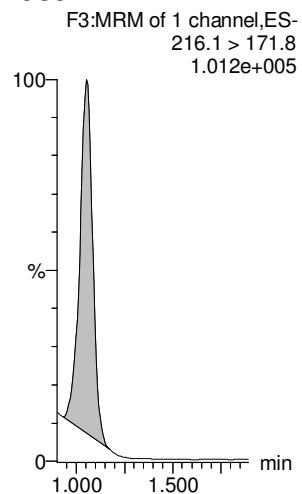
13C3-PFPeA

13C3-PFBS

13C2-4:2 FTS

13C2-PFHxA

13C3-PFBS



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_6, Date: 17-Oct-2018, Time: 13:00:24, ID: ST181017M1-5 PFC CS2 18J0805, Description: PFC CS2 18J0805

6:2 FTS

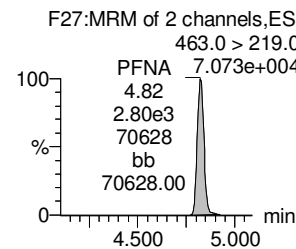
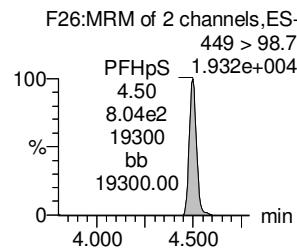
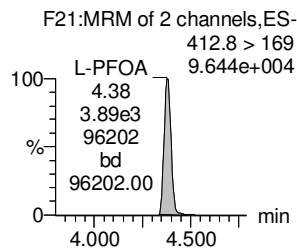
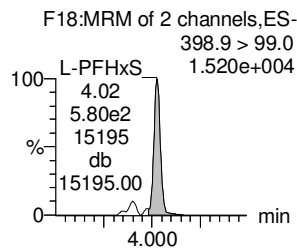
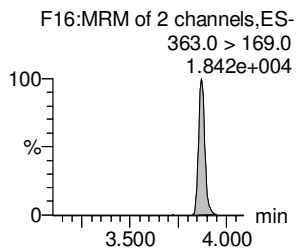
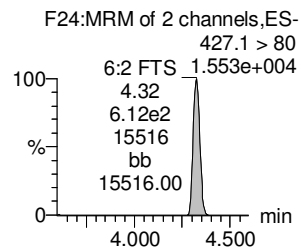
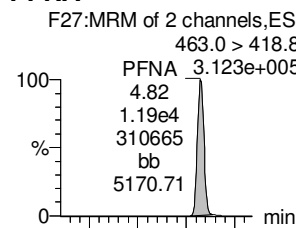
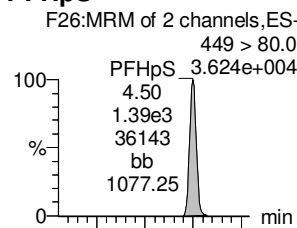
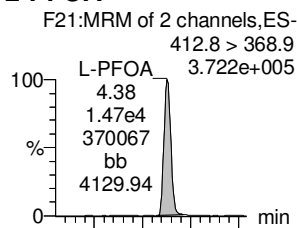
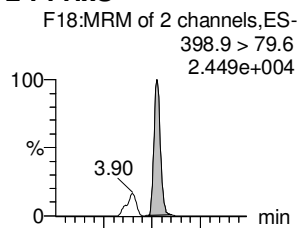
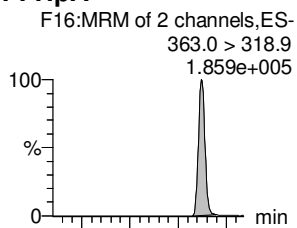
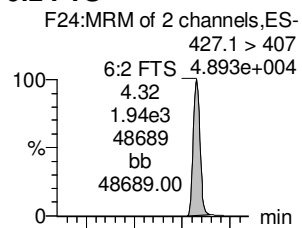
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

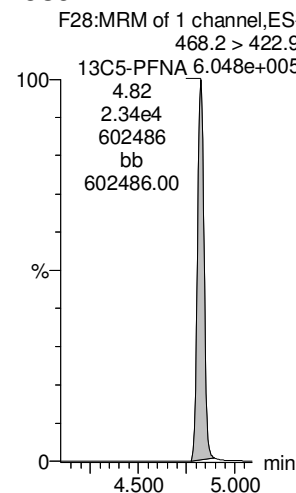
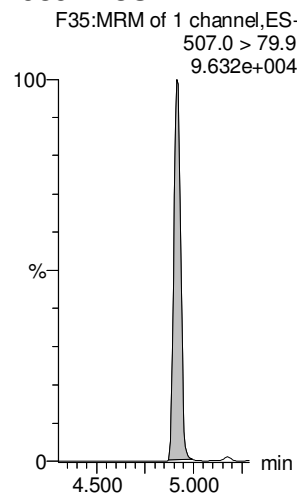
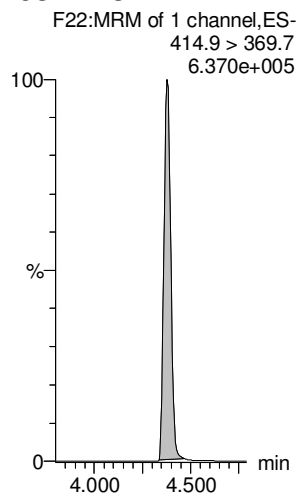
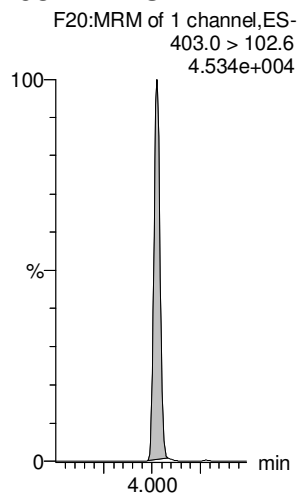
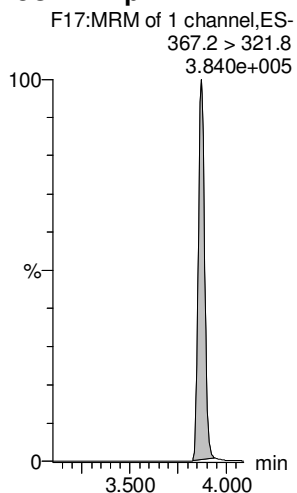
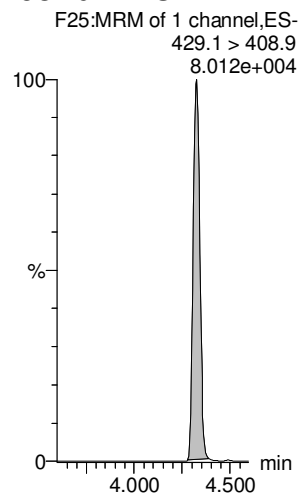
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_6, Date: 17-Oct-2018, Time: 13:00:24, ID: ST181017M1-5 PFC CS2 18J0805, Description: PFC CS2 18J0805

PFOSA

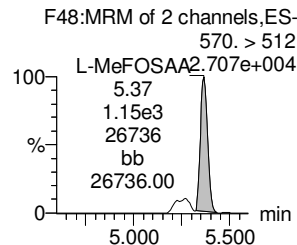
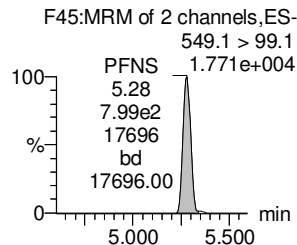
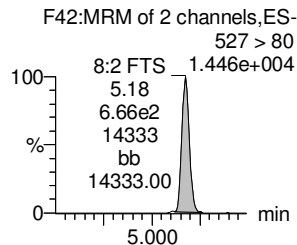
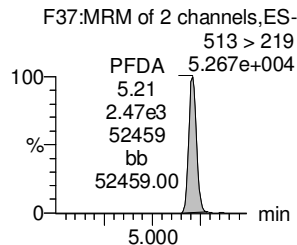
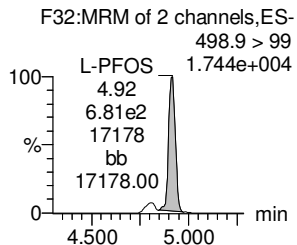
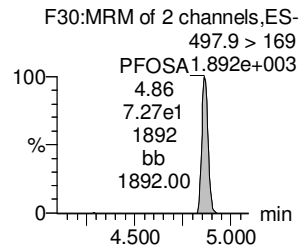
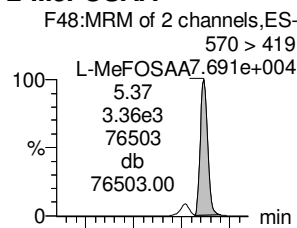
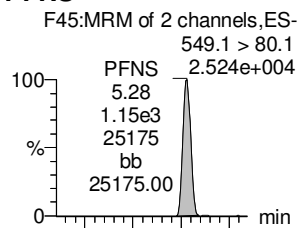
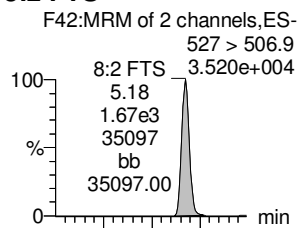
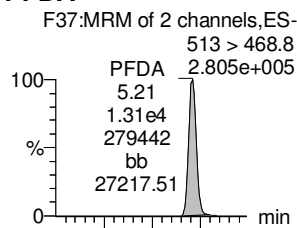
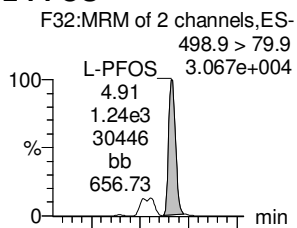
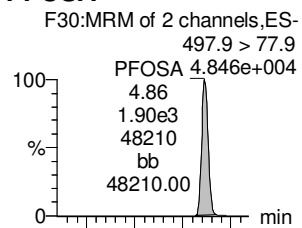
L-PFOS

PFDA

8:2 FTS

PFNS

L-MeFOSAA



13C8-PFOSA

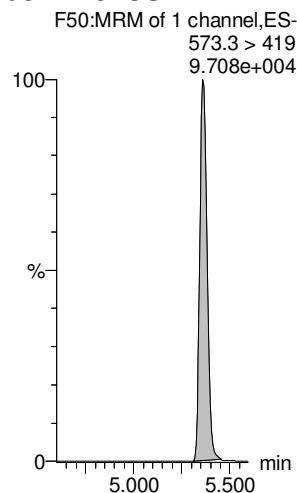
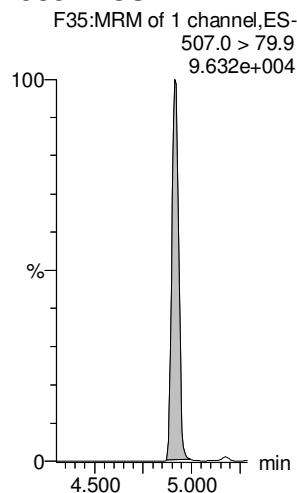
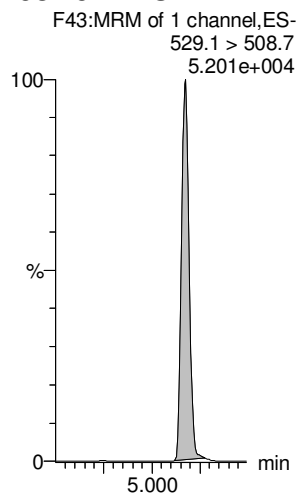
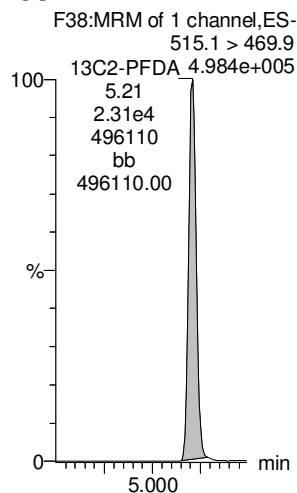
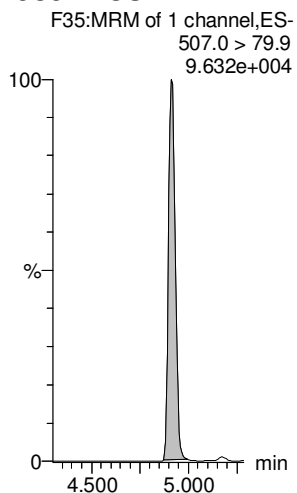
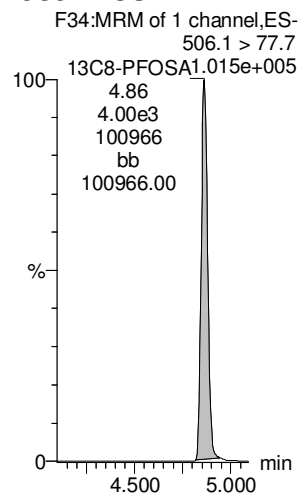
13C8-PFOS

13C2-PFDA

13C2-8:2 FTS

13C8-PFOS

d3-N-MeFOSAA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_6, Date: 17-Oct-2018, Time: 13:00:24, ID: ST181017M1-5 PFC CS2 18J0805, Description: PFC CS2 18J0805

L-EtFOSAA

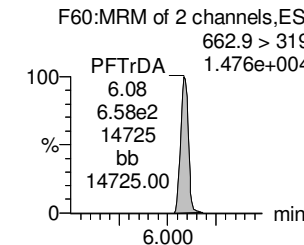
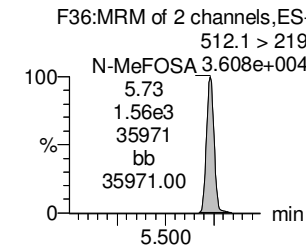
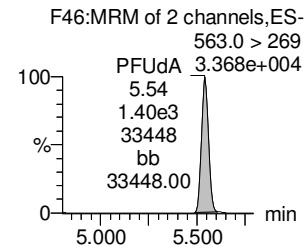
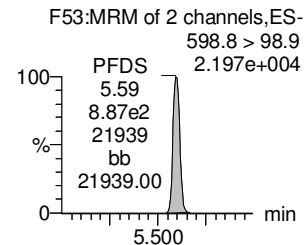
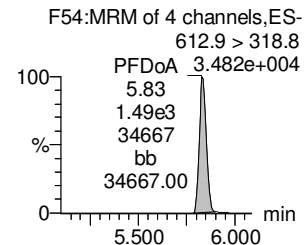
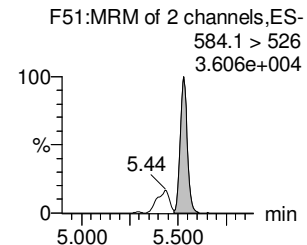
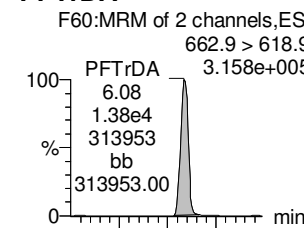
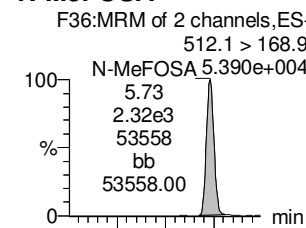
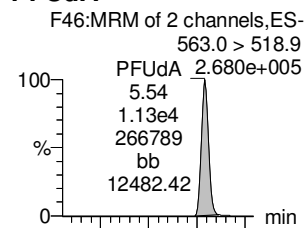
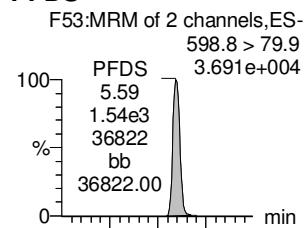
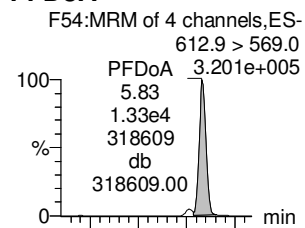
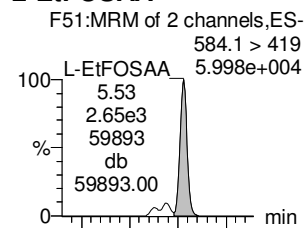
PFDoA

PFDS

PFUdA

N-MeFOSA

PFTrDA



d5-N-EtFOSAA

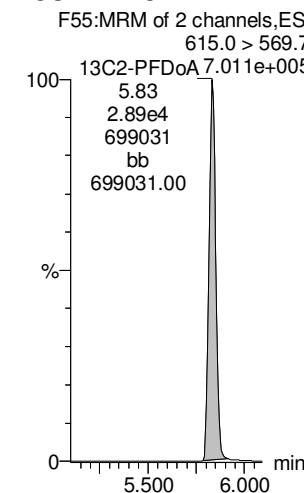
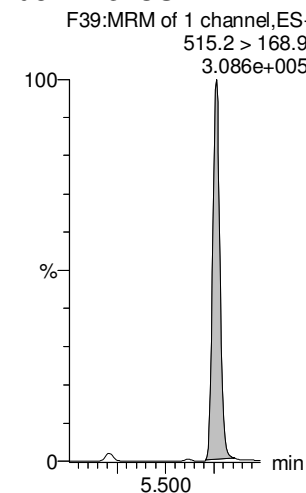
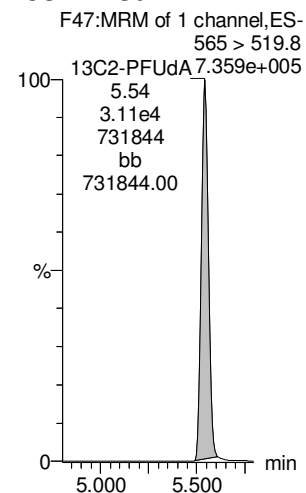
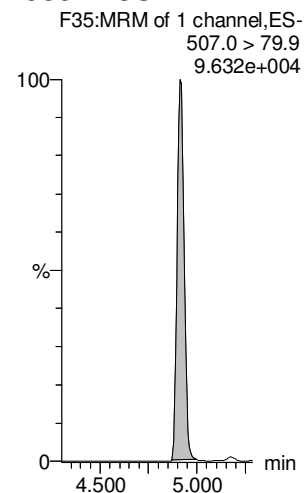
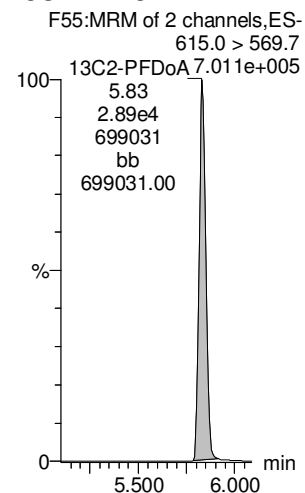
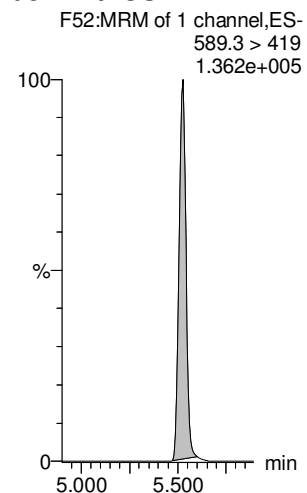
13C2-PFDoA

13C8-PFOS

13C2-PFUdA

d3-N-MeFOSA

13C2-PFDoA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_6, Date: 17-Oct-2018, Time: 13:00:24, ID: ST181017M1-5 PFC CS2 18J0805, Description: PFC CS2 18J0805

PFTeDA

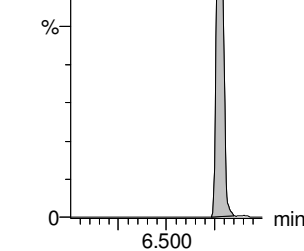
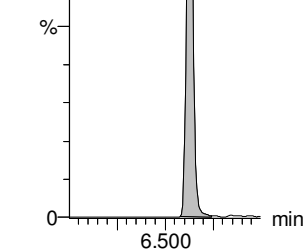
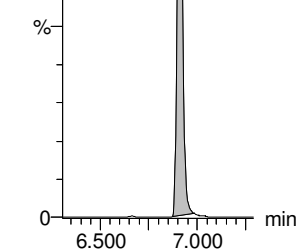
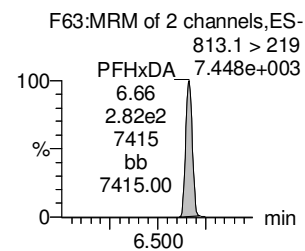
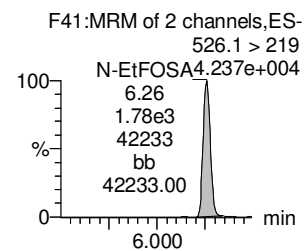
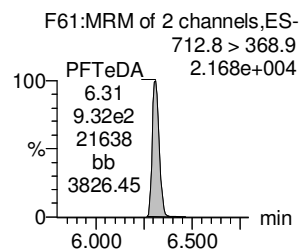
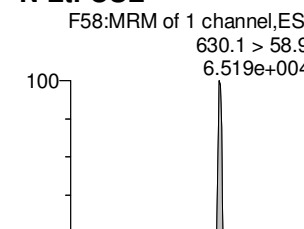
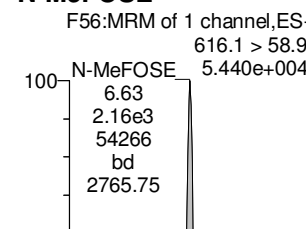
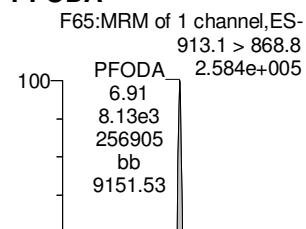
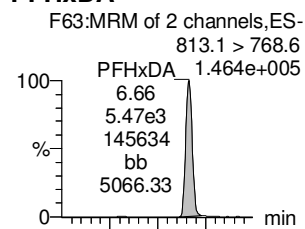
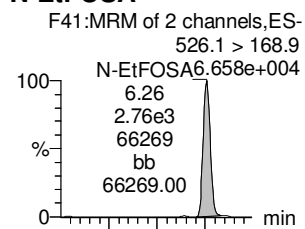
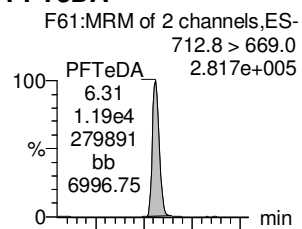
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

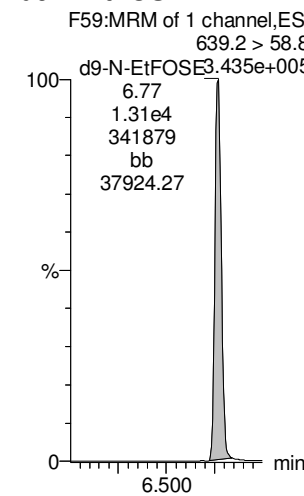
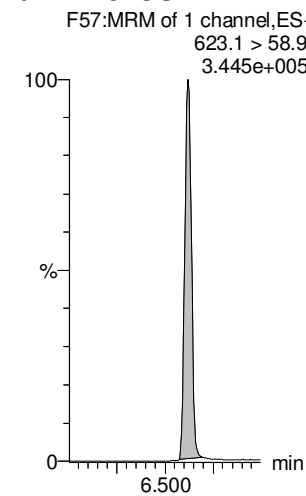
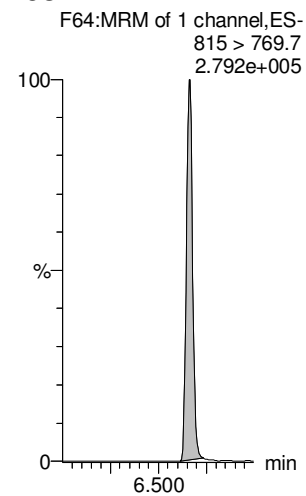
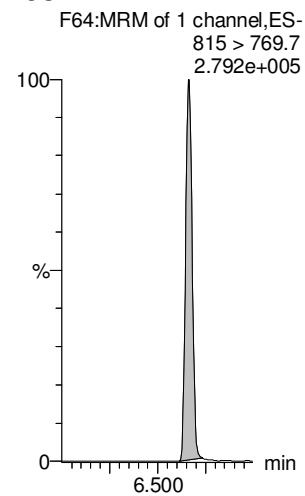
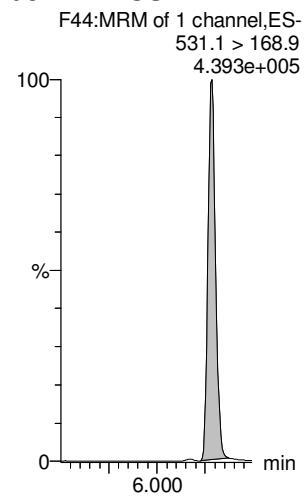
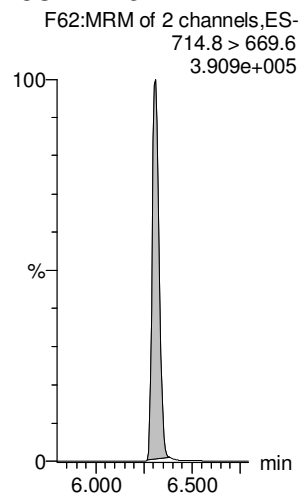
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



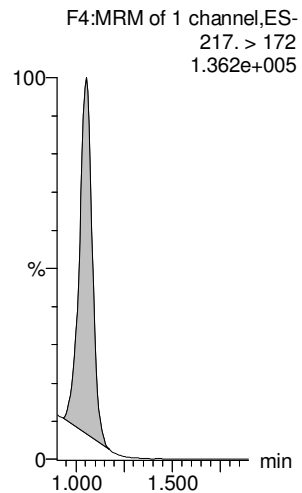
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

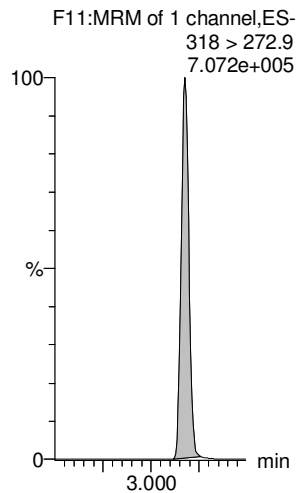
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_6, Date: 17-Oct-2018, Time: 13:00:24, ID: ST181017M1-5 PFC CS2 18J0805, Description: PFC CS2 18J0805

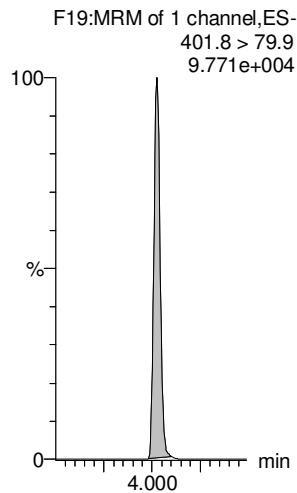
13C4-PFBA



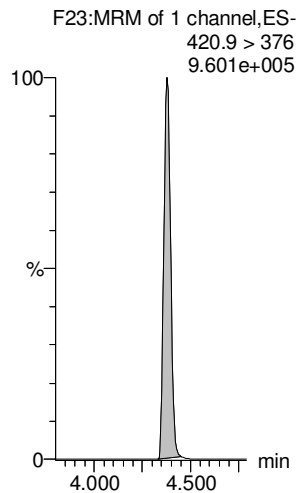
13C5-PFHxA



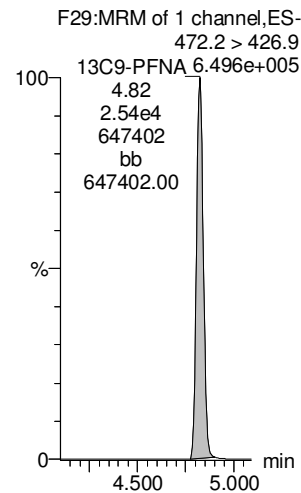
13C3-PFHxS



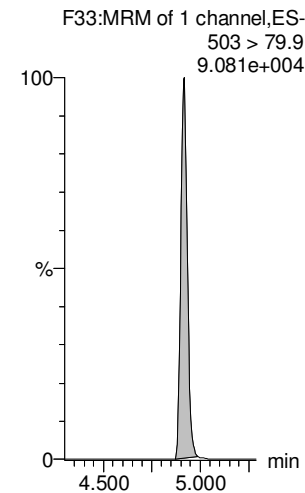
13C8-PFOA



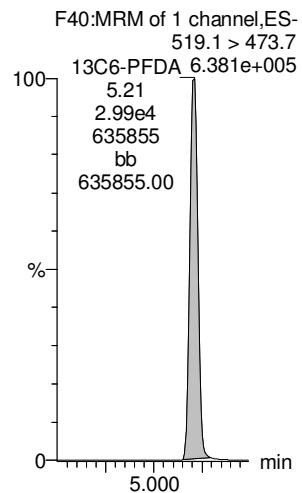
13C9-PFNA



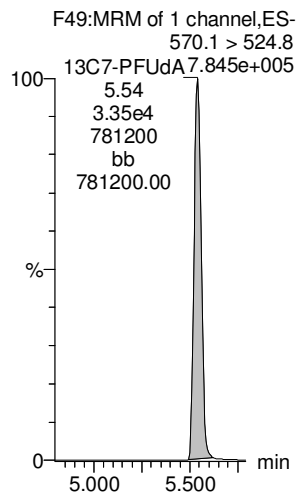
13C4-PFOS



13C6-PFDA



13C7-PFUdA

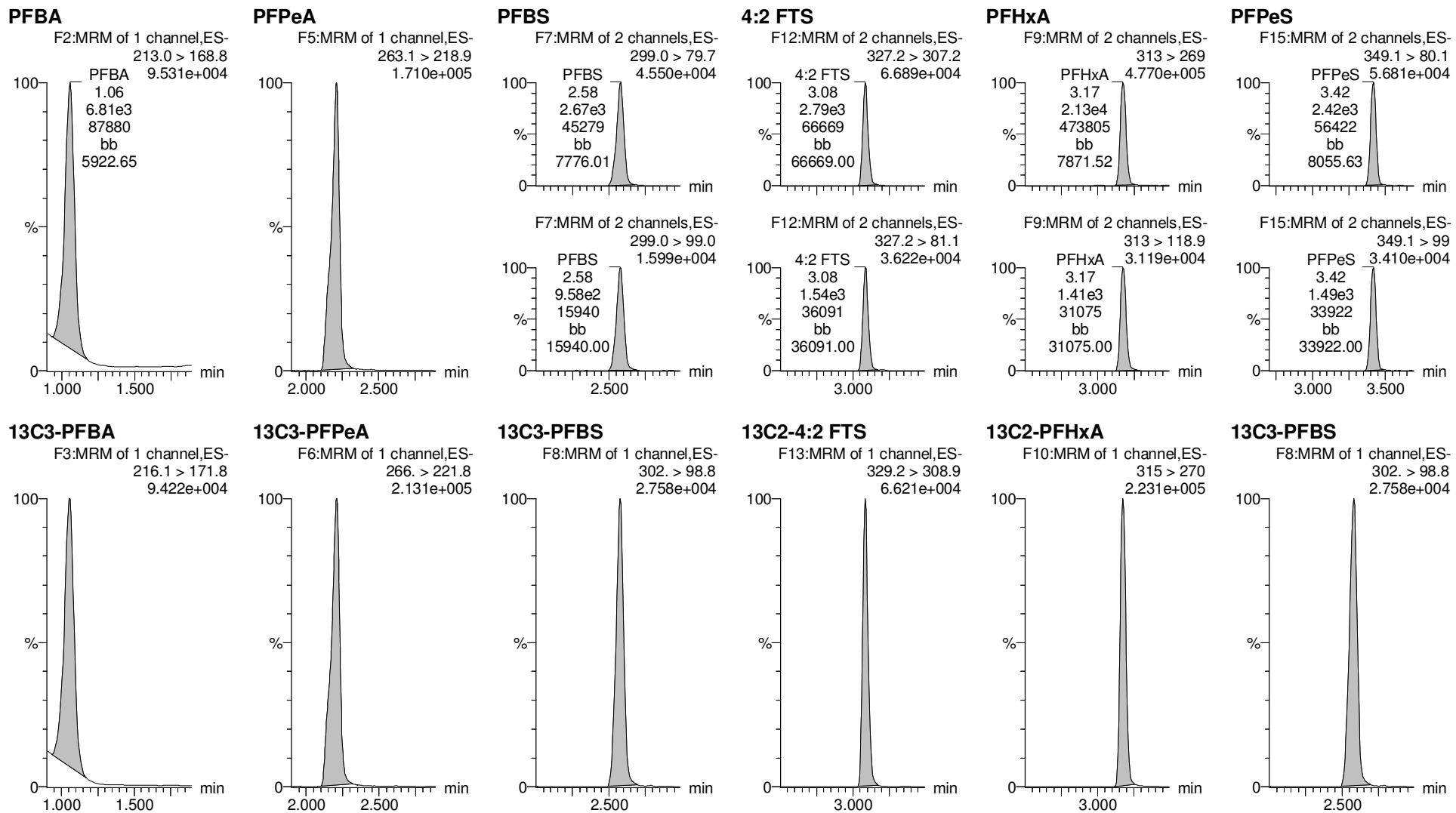


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806

6:2 FTS

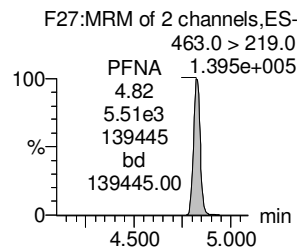
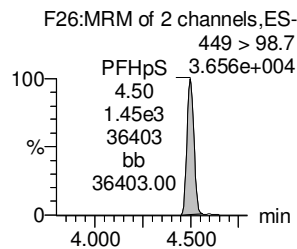
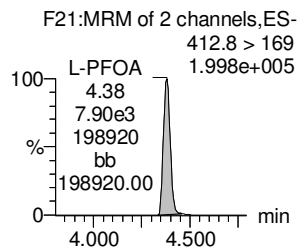
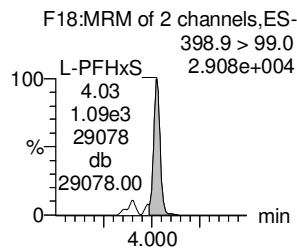
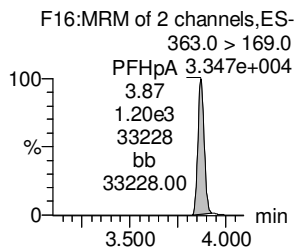
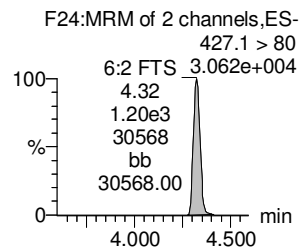
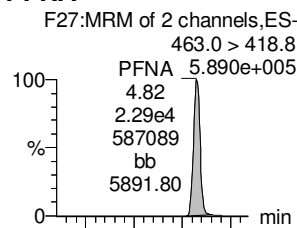
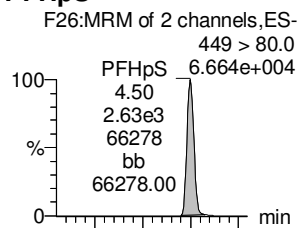
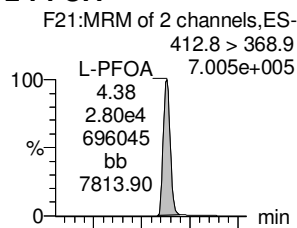
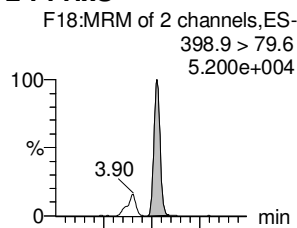
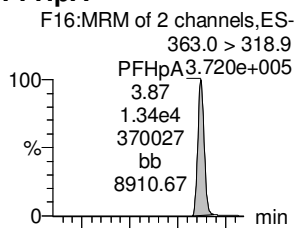
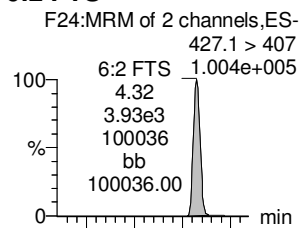
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

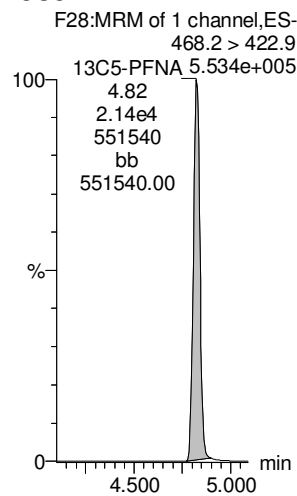
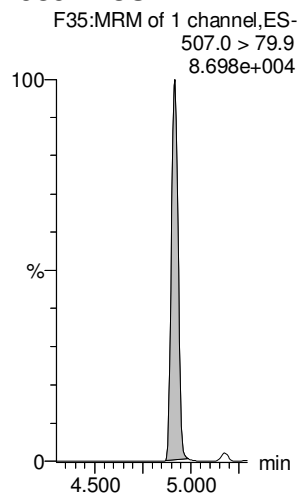
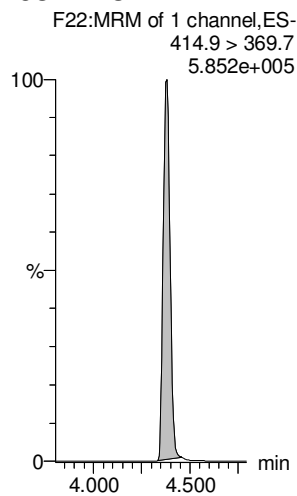
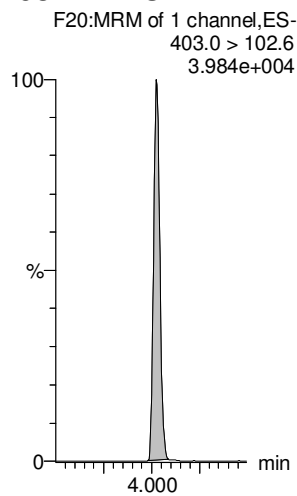
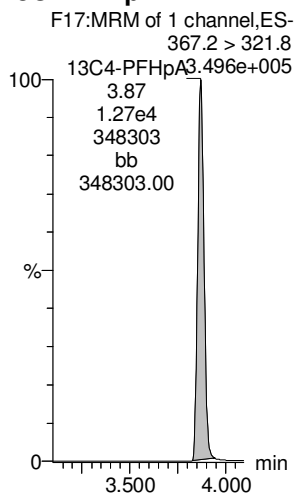
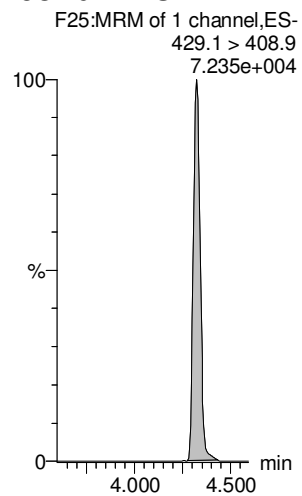
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806

PFOSA

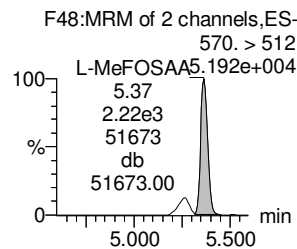
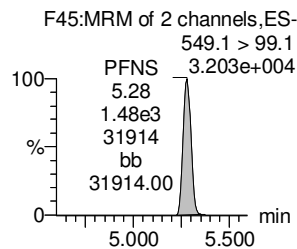
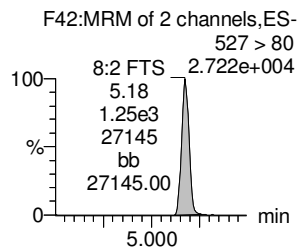
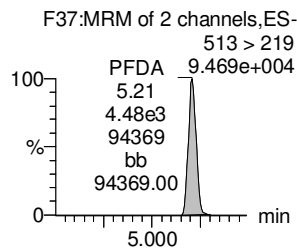
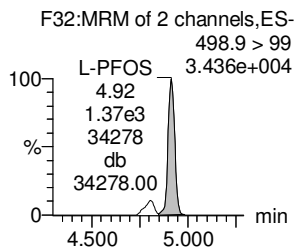
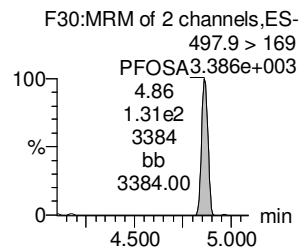
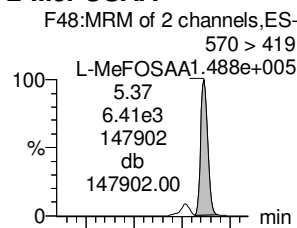
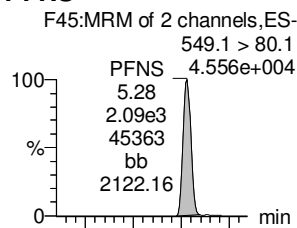
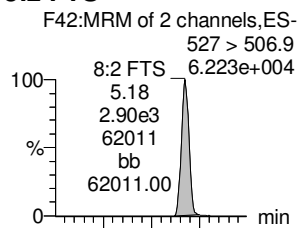
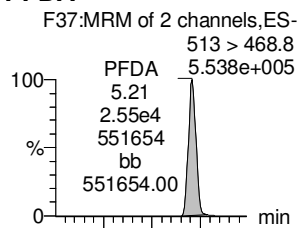
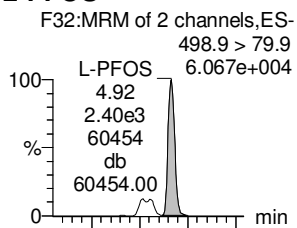
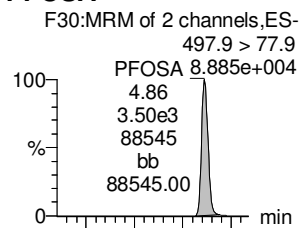
L-PFOS

PFDA

8:2 FTS

PFNS

L-MeFOSAA



13C8-PFOSA

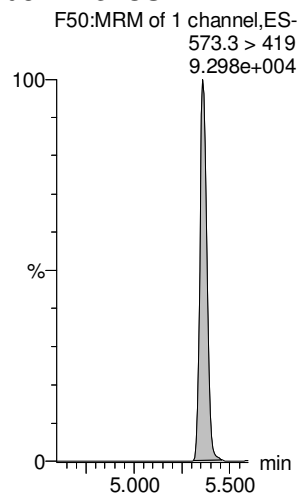
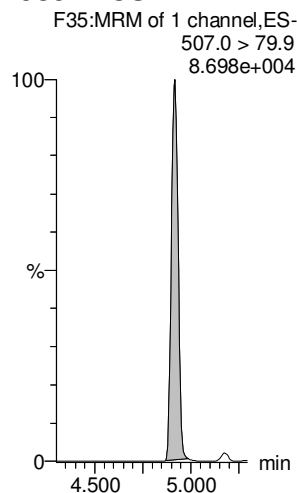
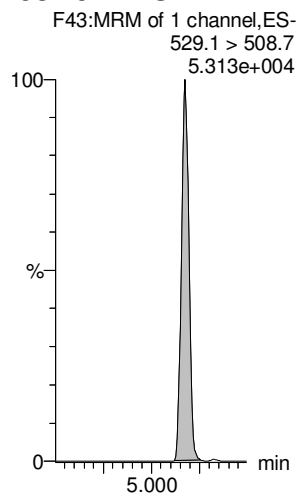
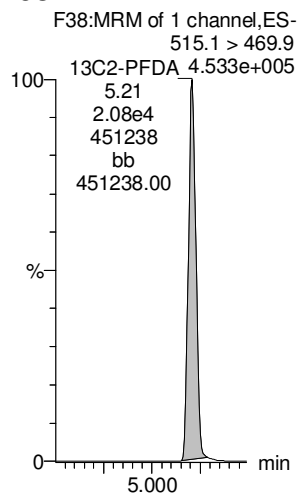
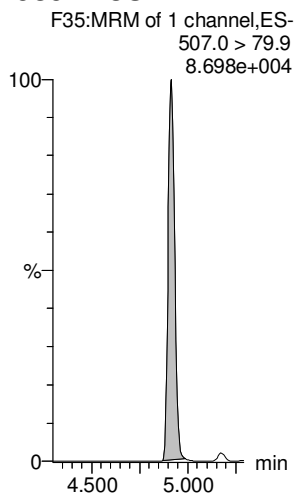
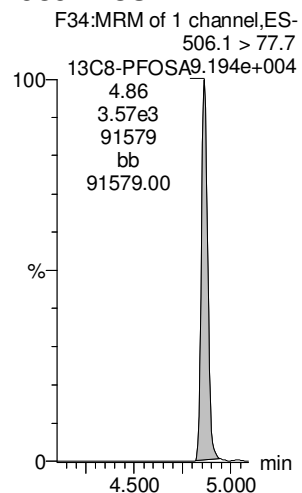
13C8-PFOS

13C2-PFDA

13C2-8:2 FTS

13C8-PFOS

d3-N-MeFOSAA

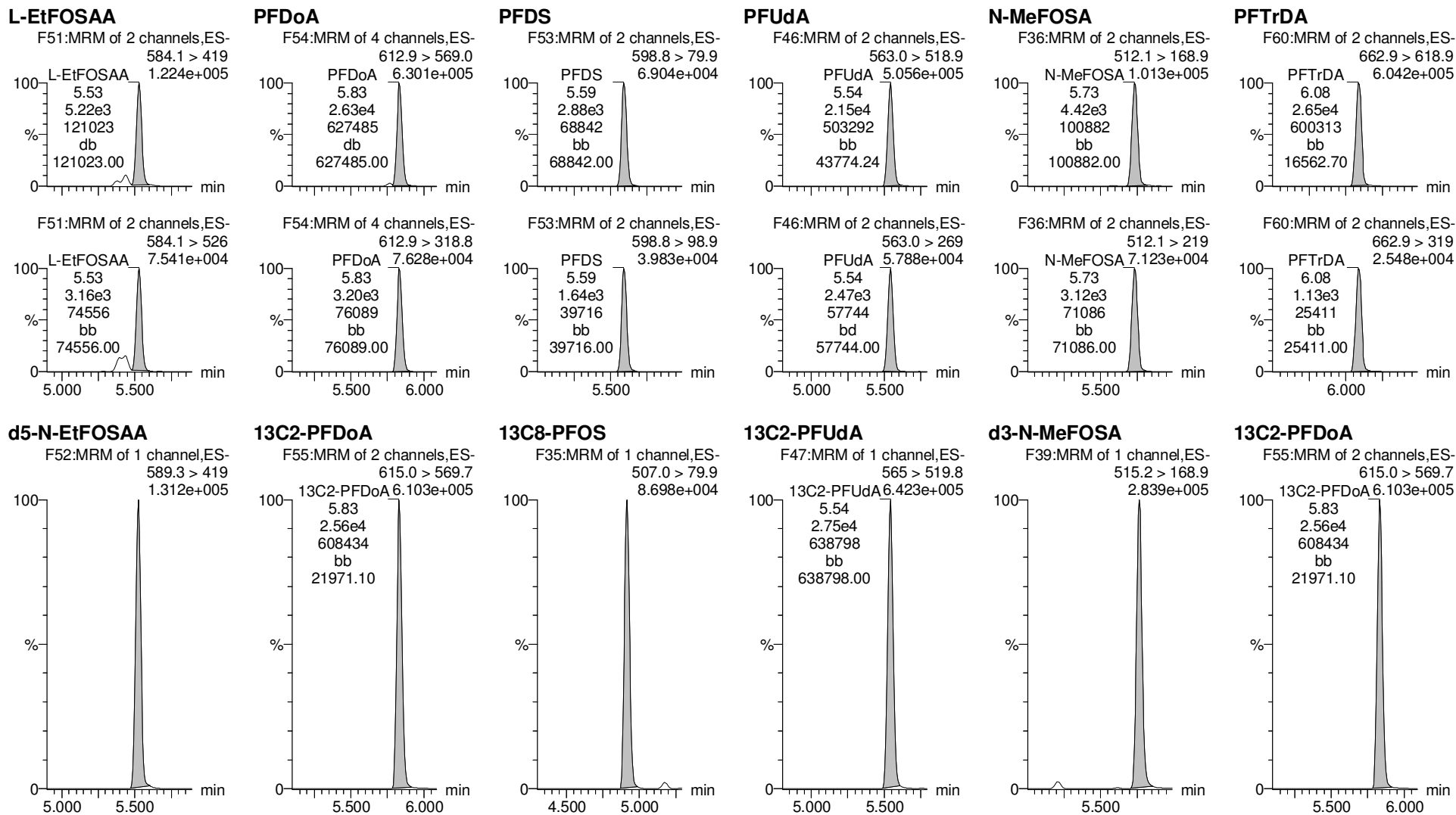


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806

PFTeDA

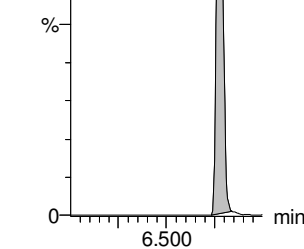
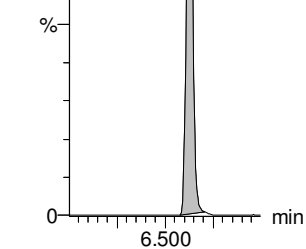
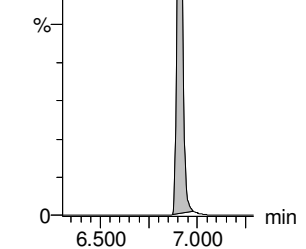
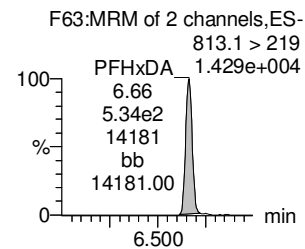
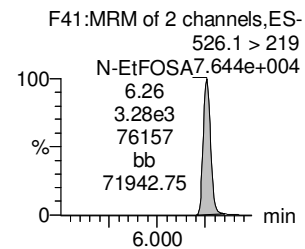
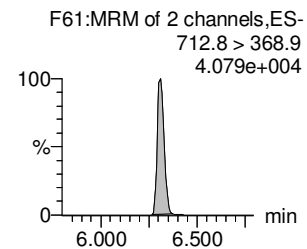
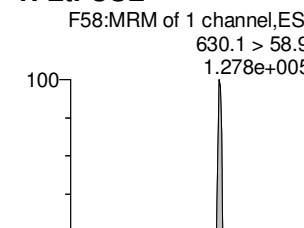
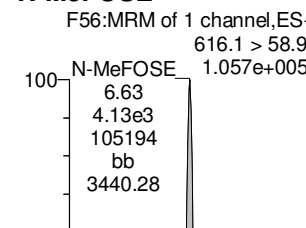
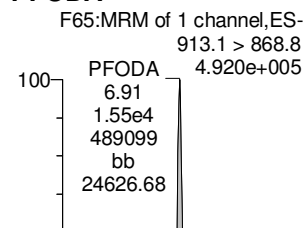
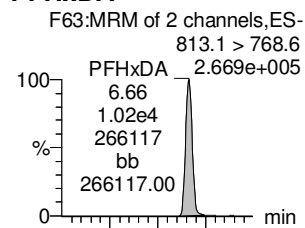
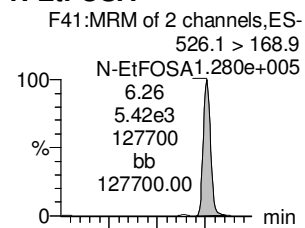
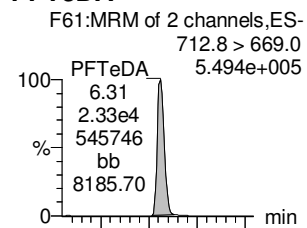
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

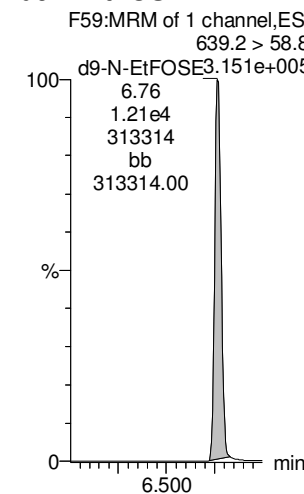
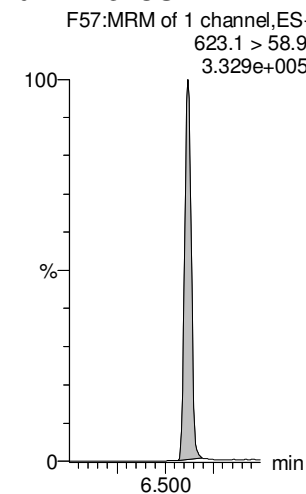
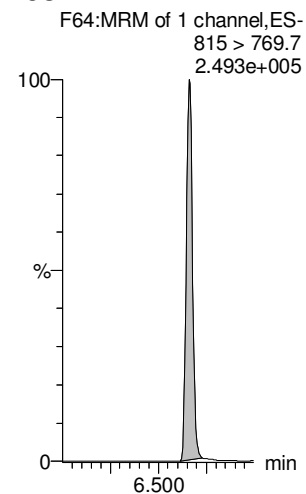
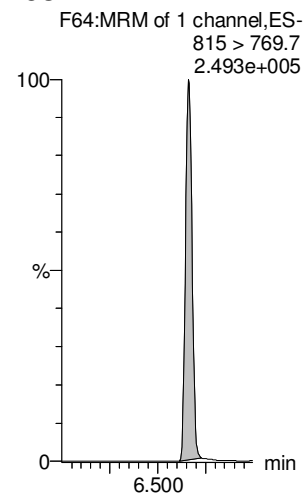
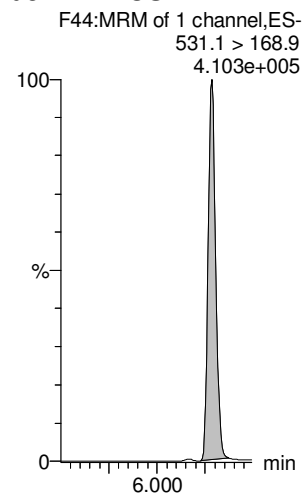
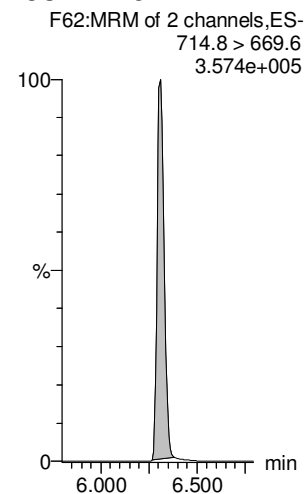
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



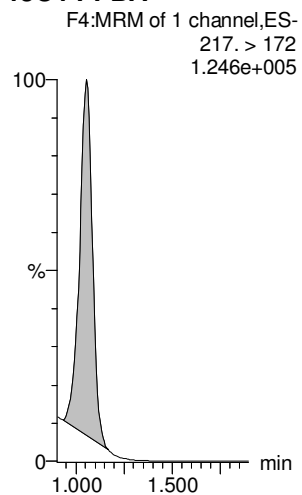
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

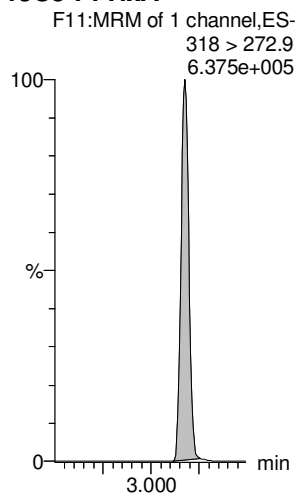
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806

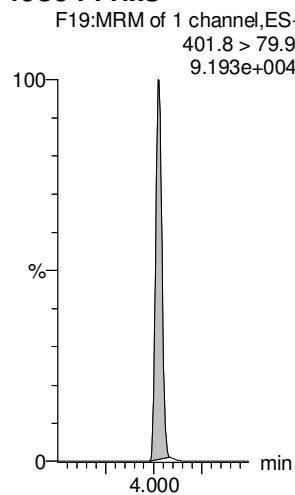
13C4-PFBA



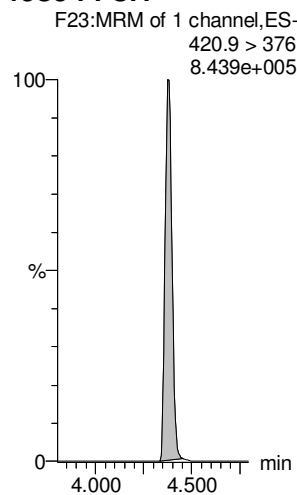
13C5-PFHxA



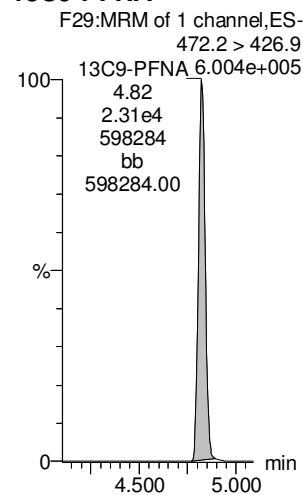
13C3-PFHxS



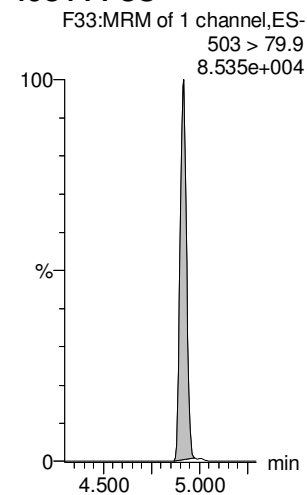
13C8-PFOA



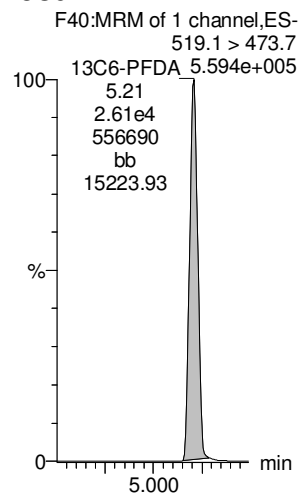
13C9-PFNA



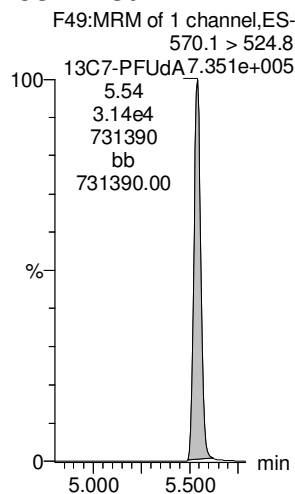
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_8, Date: 17-Oct-2018, Time: 13:21:27, ID: ST181017M1-7 PFC CS4 18J0807, Description: PFC CS4 18J0807

PFBA

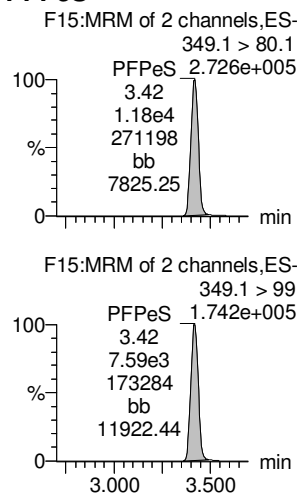
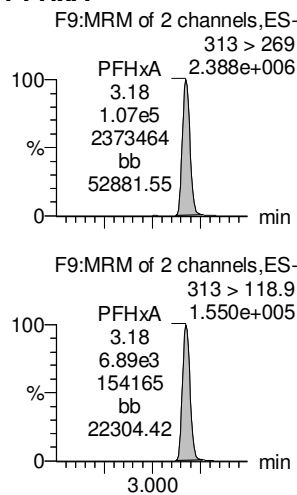
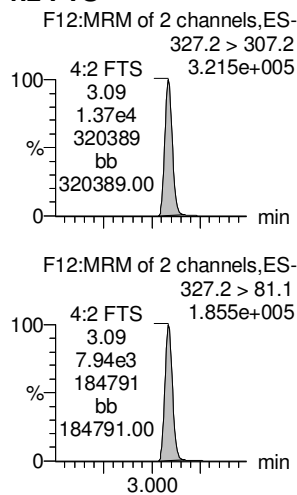
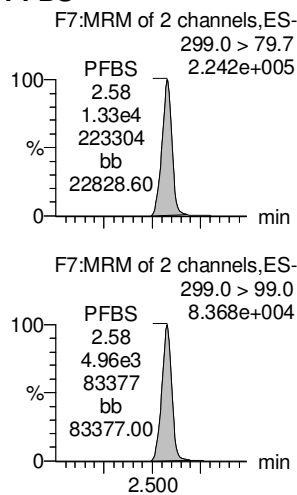
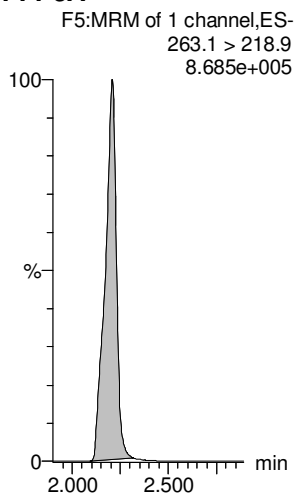
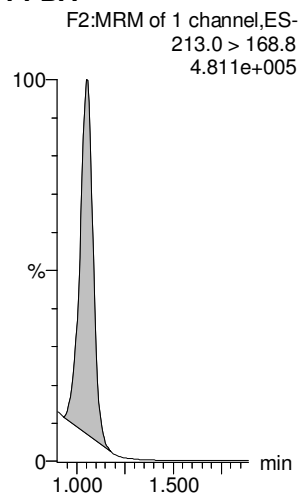
PFPeA

PFBS

4:2 FTS

PFHxA

PFPeS



13C3-PFBA

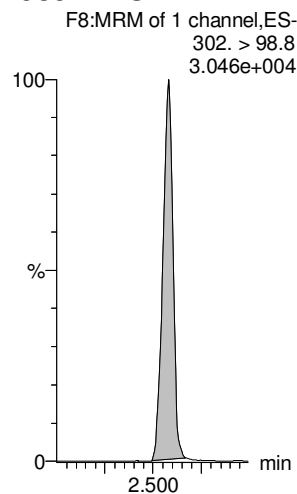
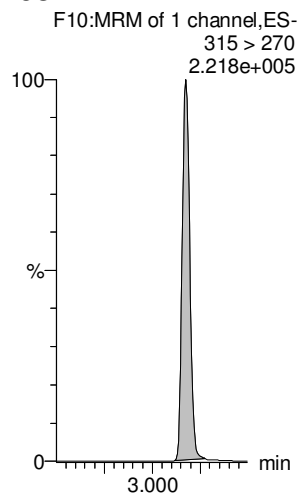
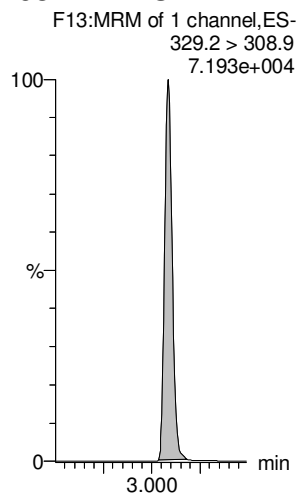
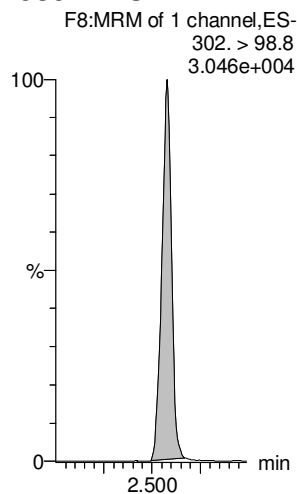
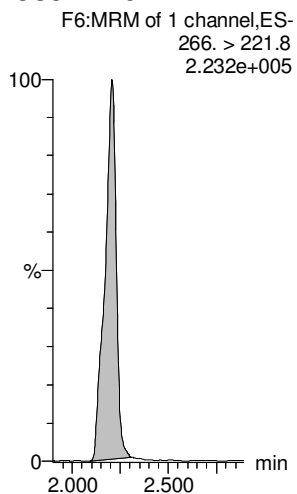
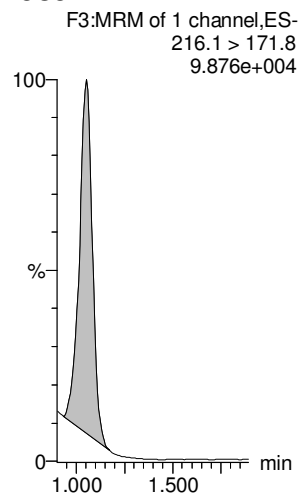
13C3-PFPeA

13C3-PFBS

13C2-4:2 FTS

13C2-PFHxA

13C3-PFBS



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_8, Date: 17-Oct-2018, Time: 13:21:27, ID: ST181017M1-7 PFC CS4 18J0807, Description: PFC CS4 18J0807

6:2 FTS

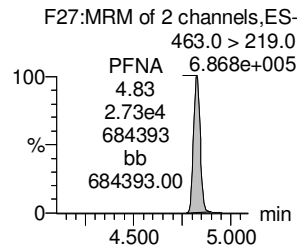
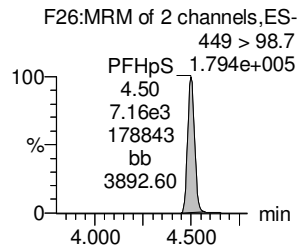
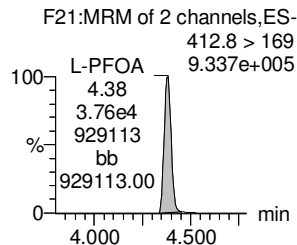
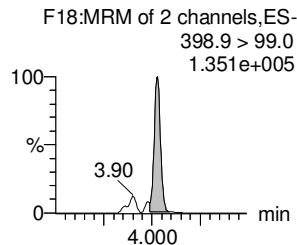
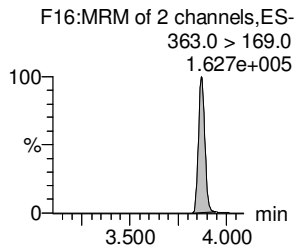
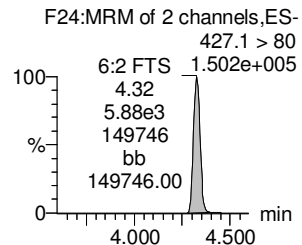
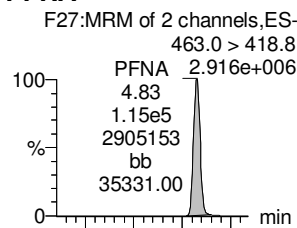
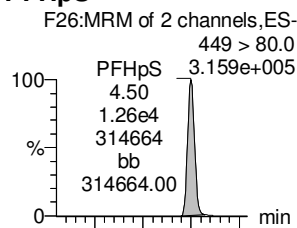
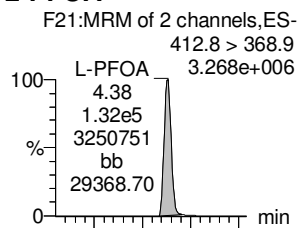
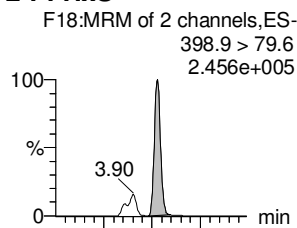
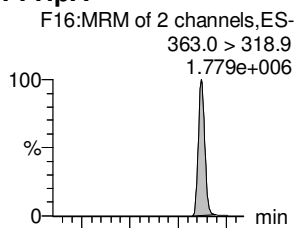
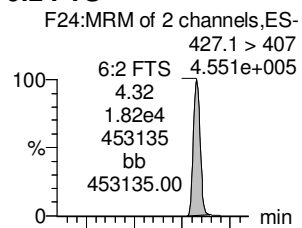
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

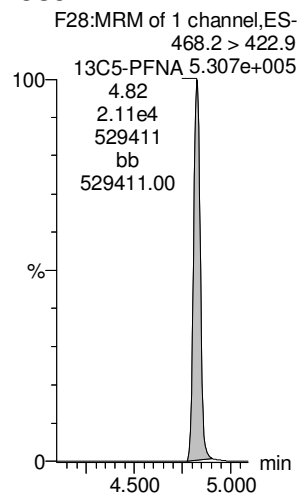
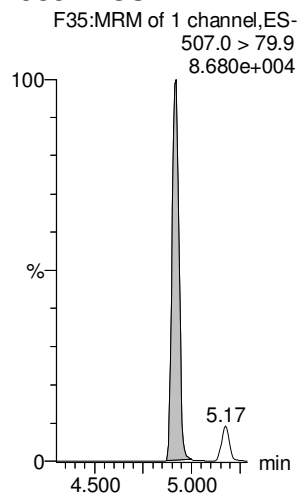
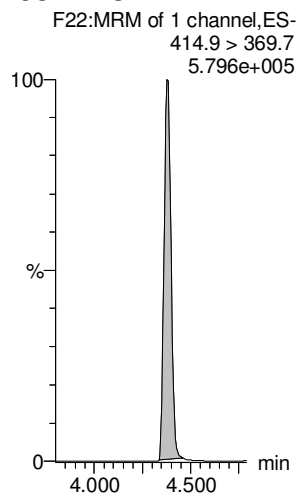
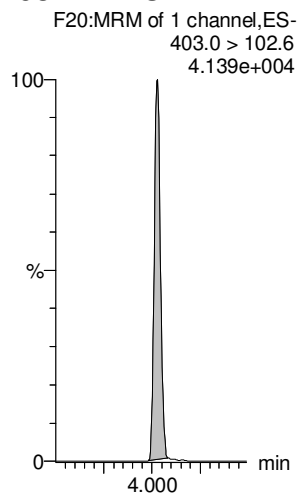
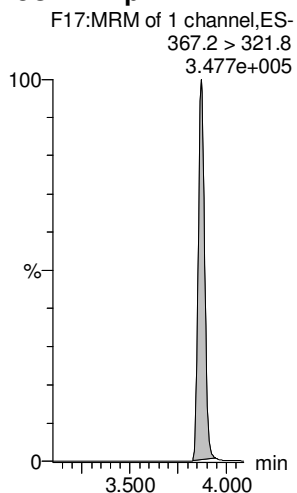
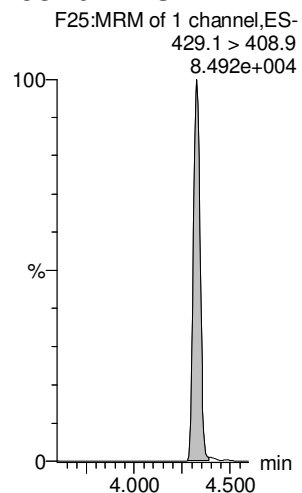
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA

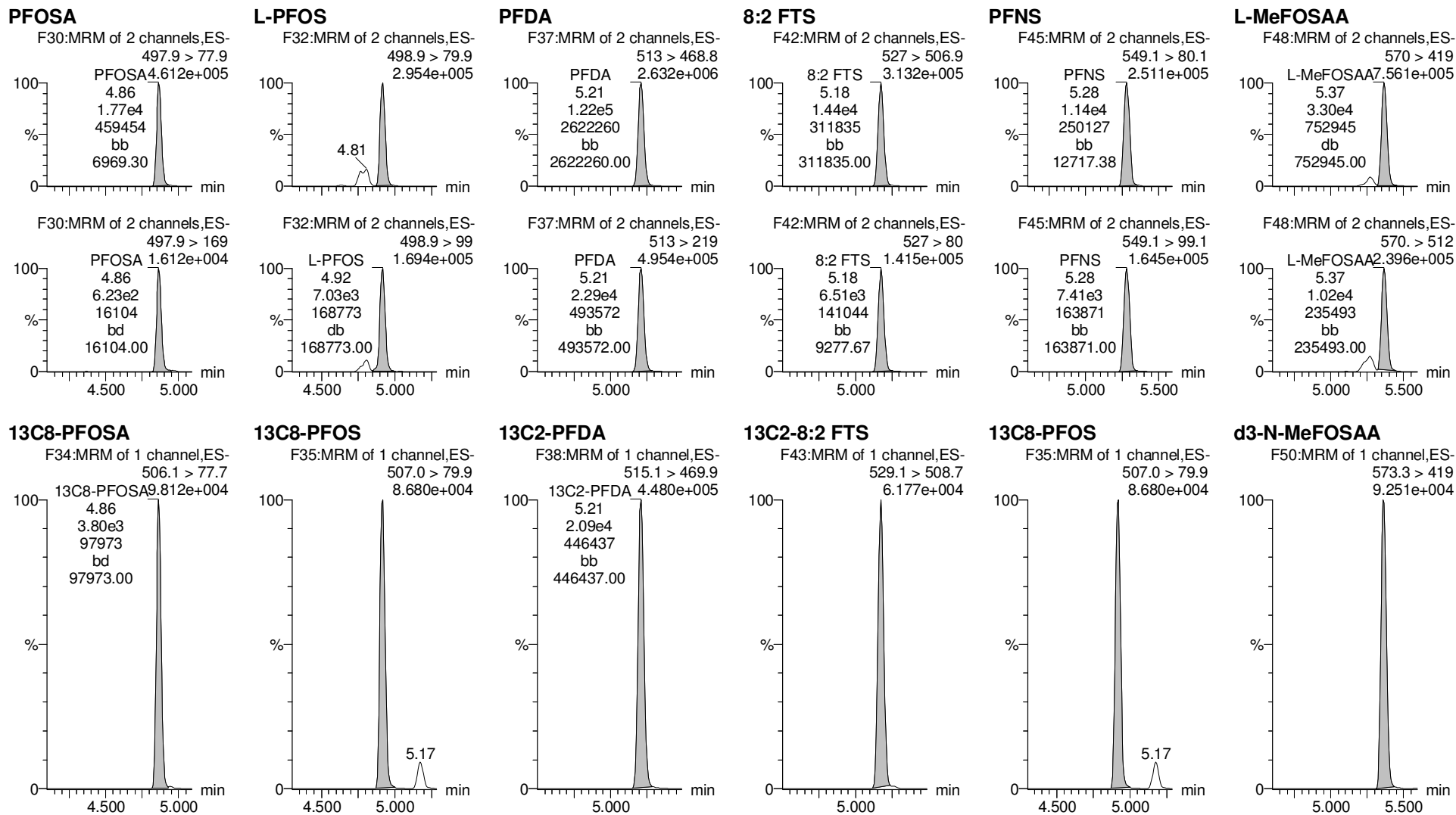


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_8, Date: 17-Oct-2018, Time: 13:21:27, ID: ST181017M1-7 PFC CS4 18J0807, Description: PFC CS4 18J0807

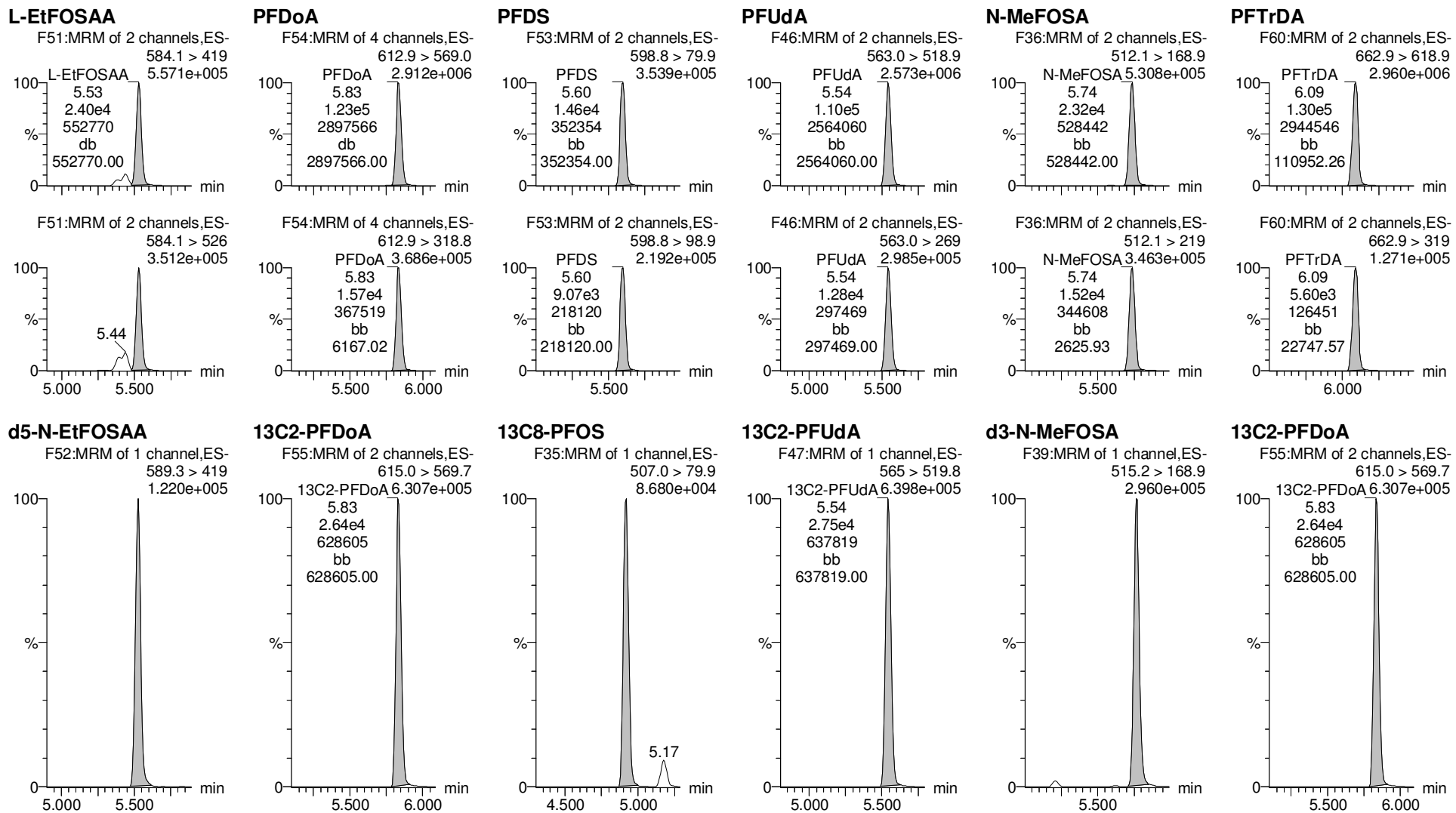


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_8, Date: 17-Oct-2018, Time: 13:21:27, ID: ST181017M1-7 PFC CS4 18J0807, Description: PFC CS4 18J0807



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_8, Date: 17-Oct-2018, Time: 13:21:27, ID: ST181017M1-7 PFC CS4 18J0807, Description: PFC CS4 18J0807

PFTeDA

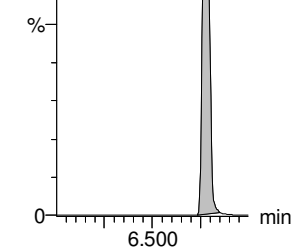
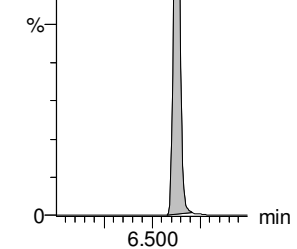
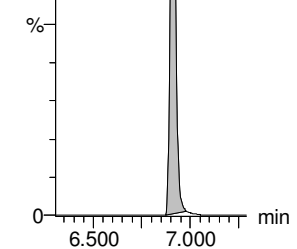
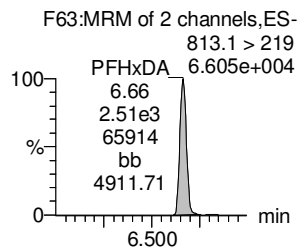
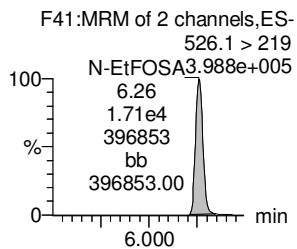
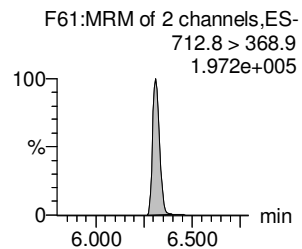
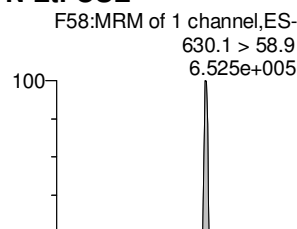
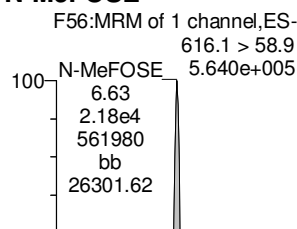
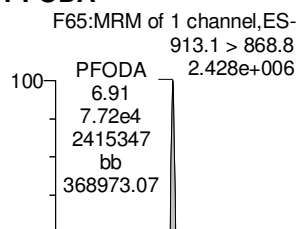
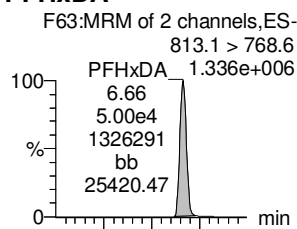
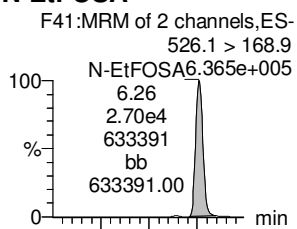
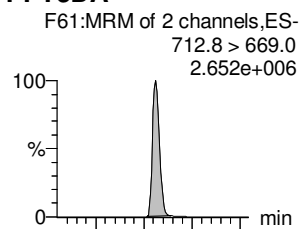
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

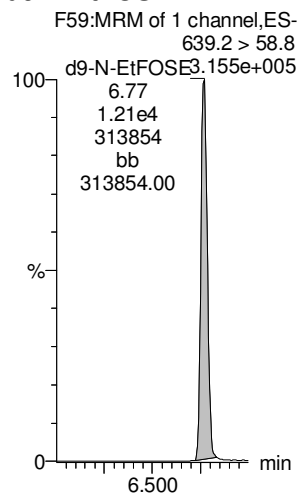
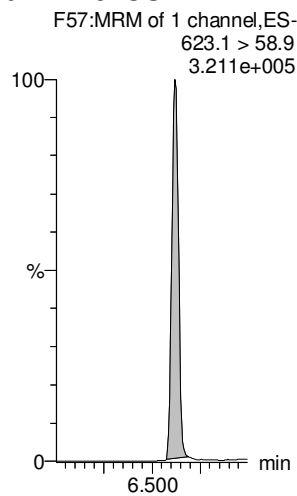
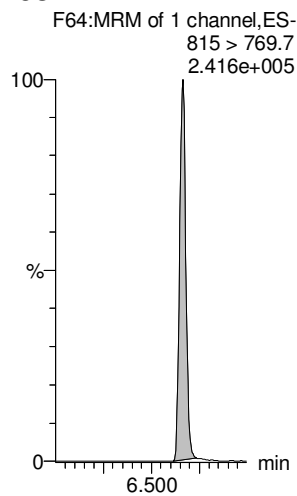
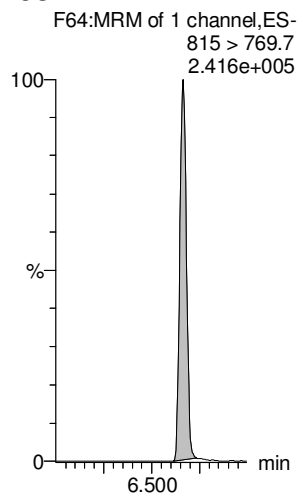
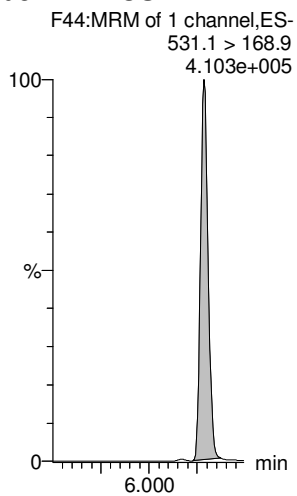
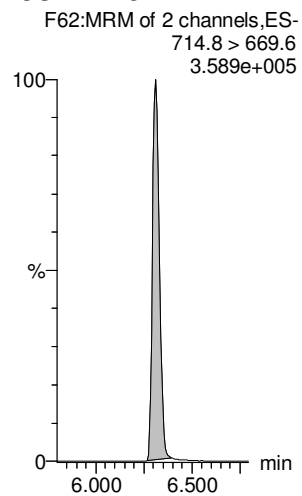
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



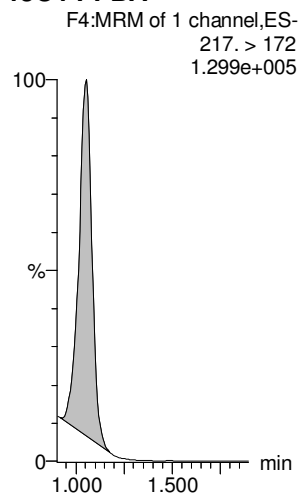
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

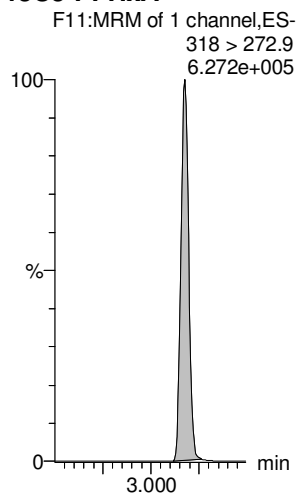
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_8, Date: 17-Oct-2018, Time: 13:21:27, ID: ST181017M1-7 PFC CS4 18J0807, Description: PFC CS4 18J0807

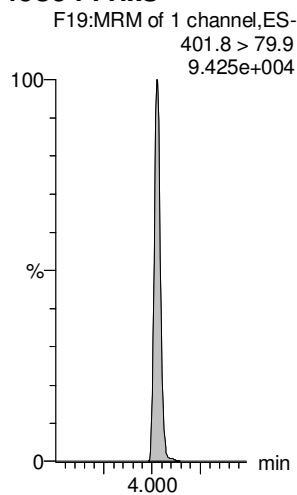
13C4-PFBA



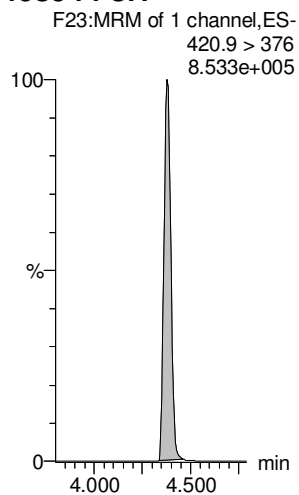
13C5-PFHxA



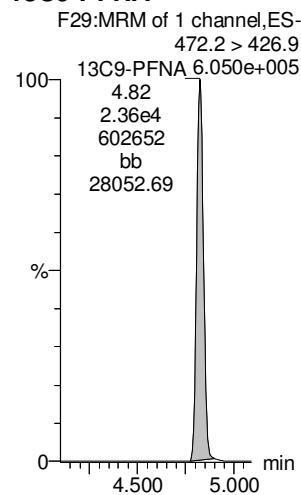
13C3-PFHxS



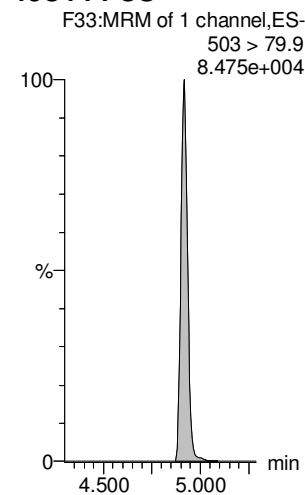
13C8-PFOA



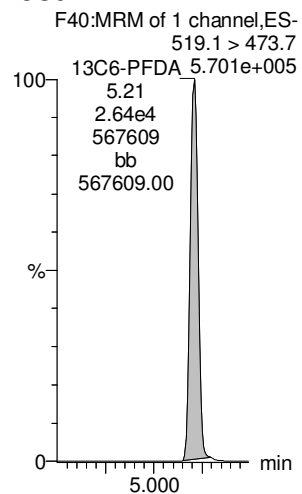
13C9-PFNA



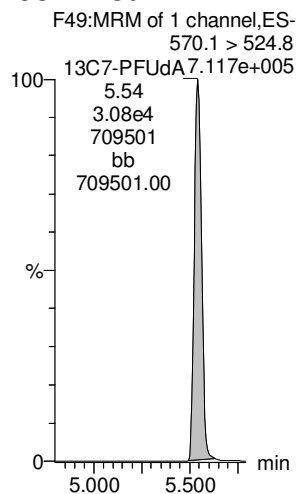
13C4-PFOS



13C6-PFDA



13C7-PFUdA

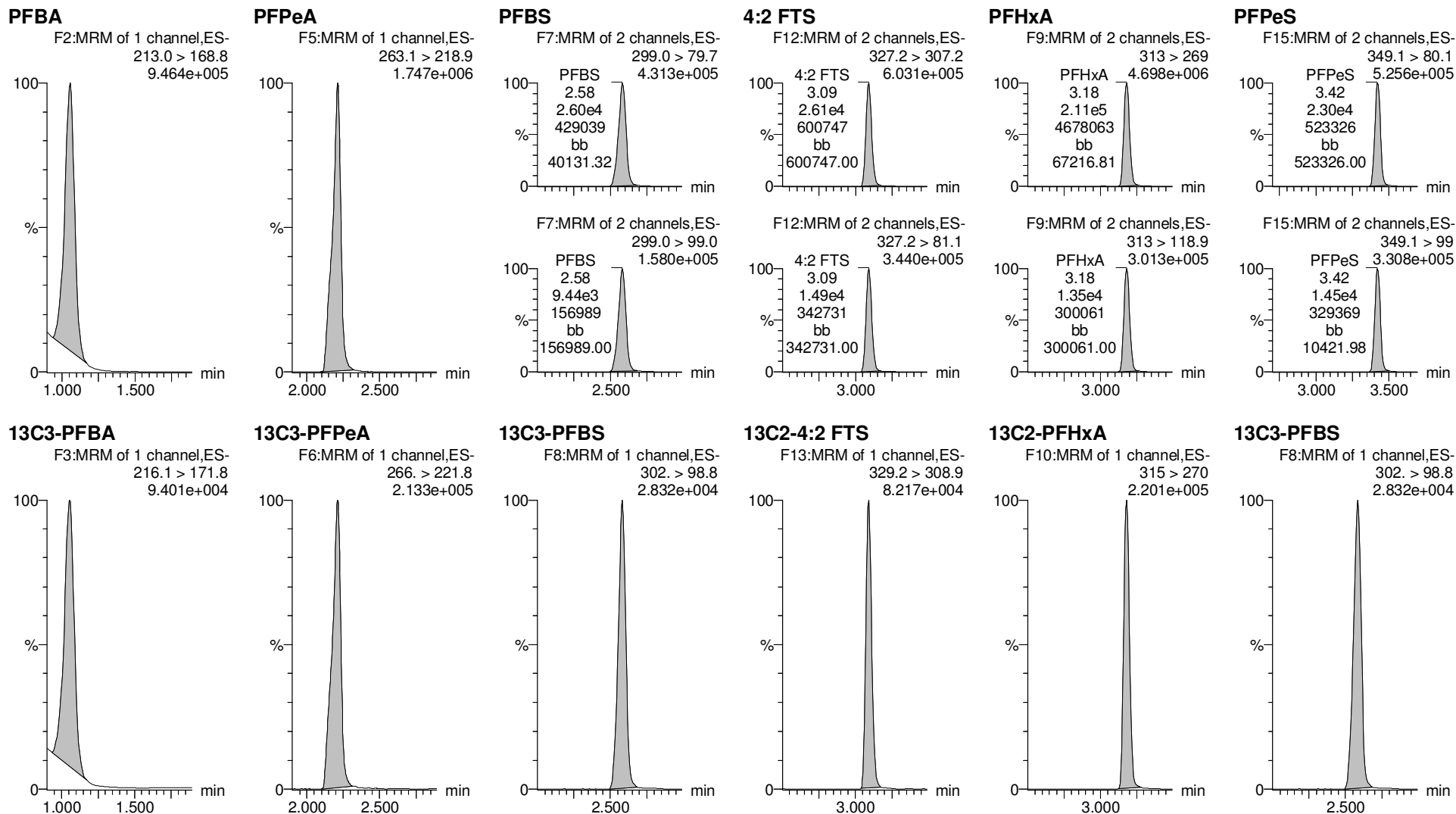


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_9, Date: 17-Oct-2018, Time: 13:32:06, ID: ST181017M1-8 PFC CS5 18J0808, Description: PFC CS5 18J0808



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_9, Date: 17-Oct-2018, Time: 13:32:06, ID: ST181017M1-8 PFC CS5 18J0808, Description: PFC CS5 18J0808

6:2 FTS

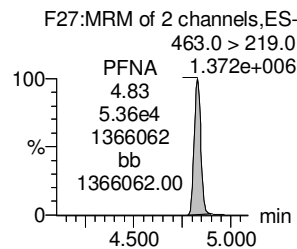
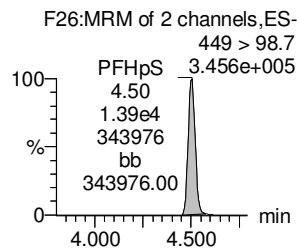
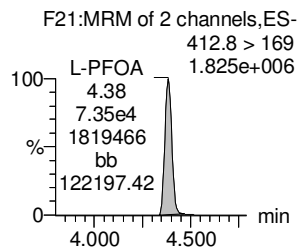
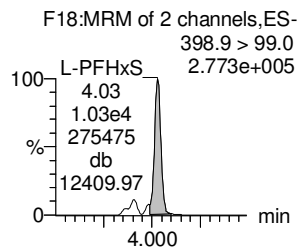
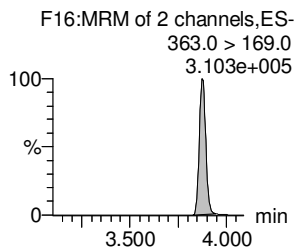
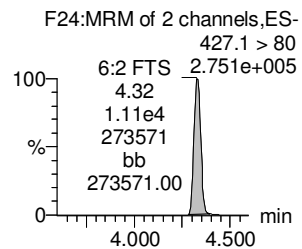
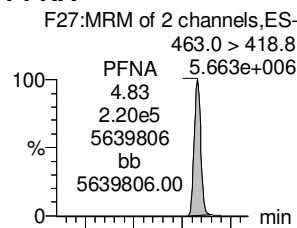
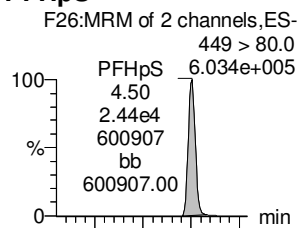
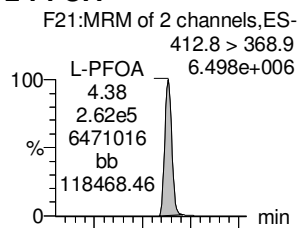
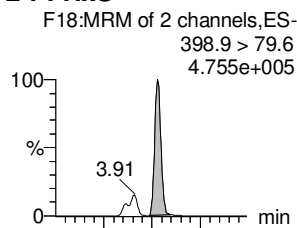
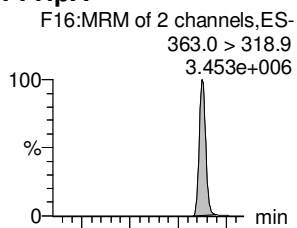
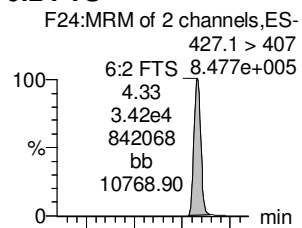
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

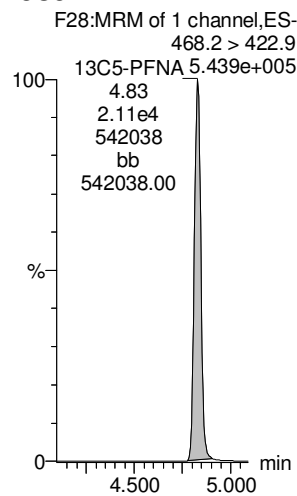
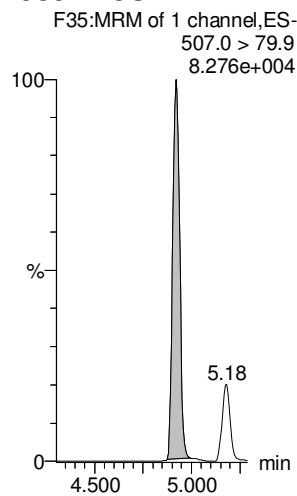
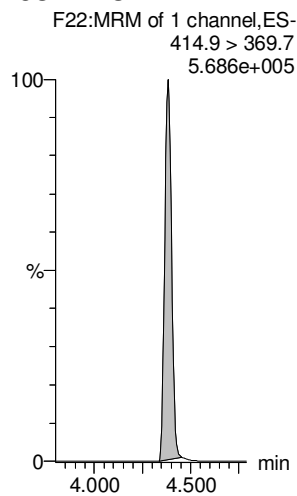
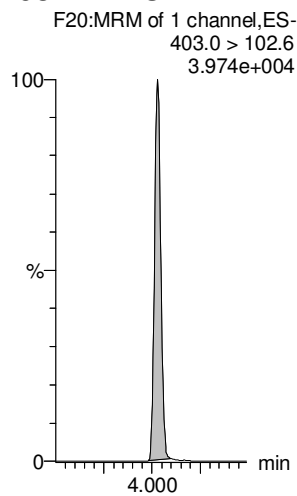
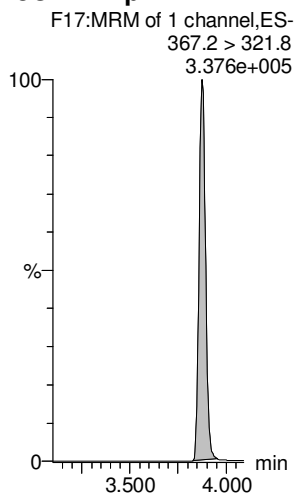
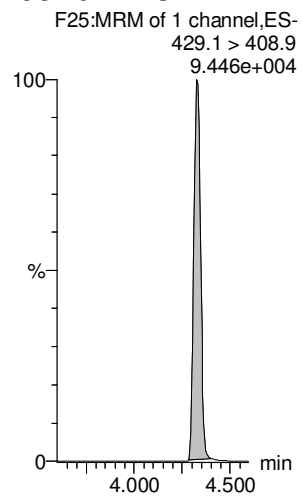
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_9, Date: 17-Oct-2018, Time: 13:32:06, ID: ST181017M1-8 PFC CS5 18J0808, Description: PFC CS5 18J0808

PFOSA

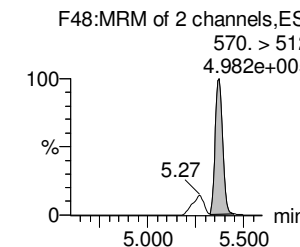
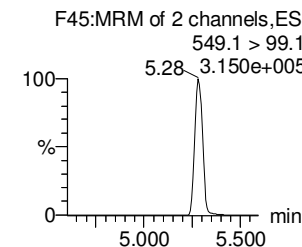
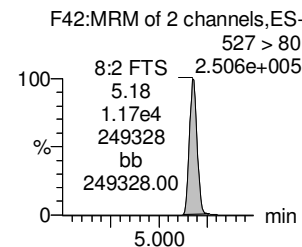
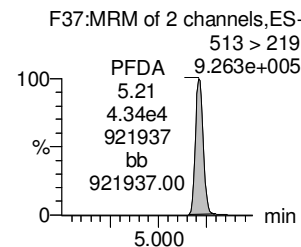
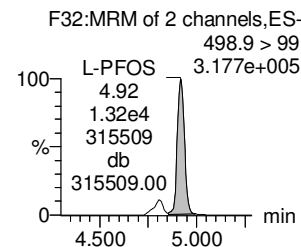
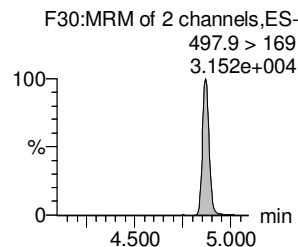
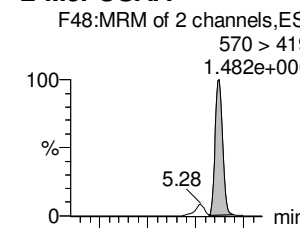
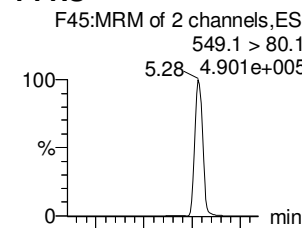
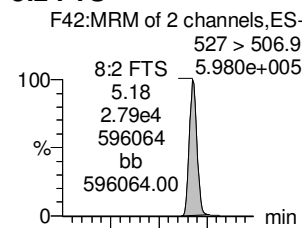
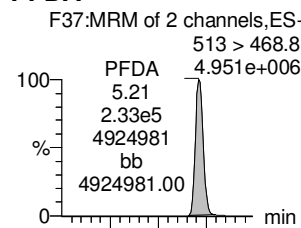
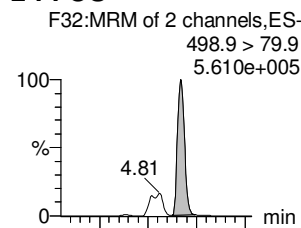
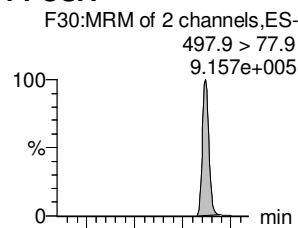
L-PFOS

PFDA

8:2 FTS

PFNS

L-MeFOSAA



13C8-PFOSA

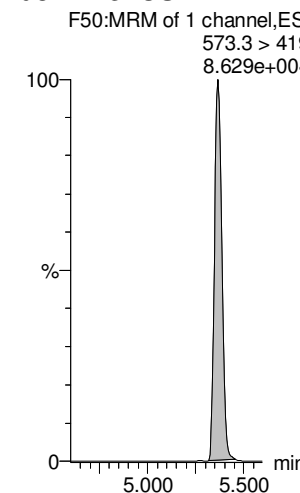
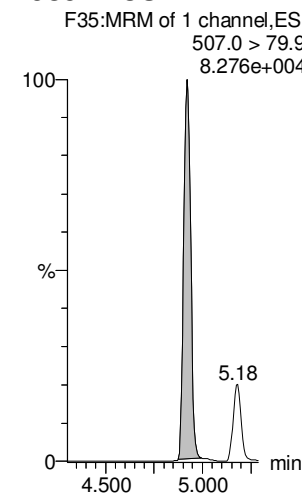
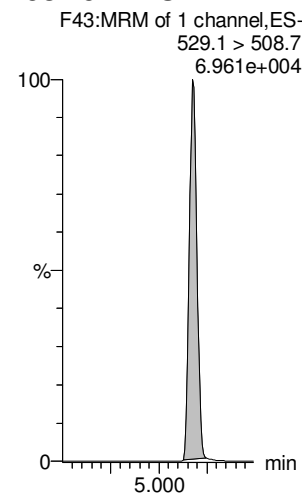
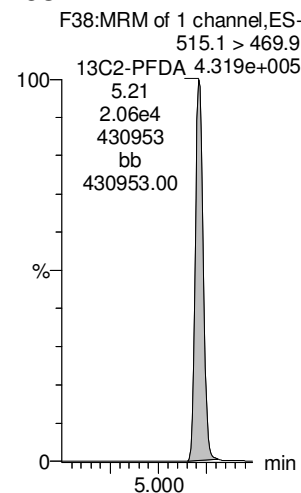
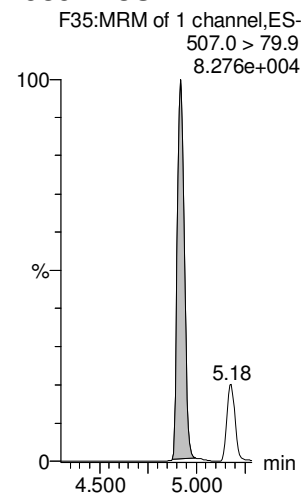
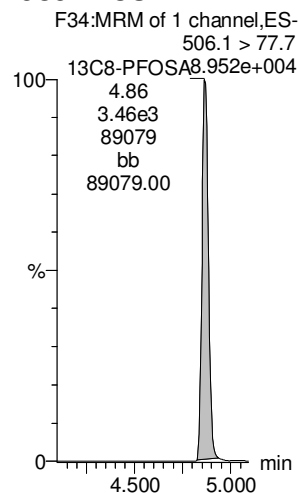
13C8-PFOS

13C2-PFDA

13C2-8:2 FTS

13C8-PFOS

d3-N-MeFOSAA

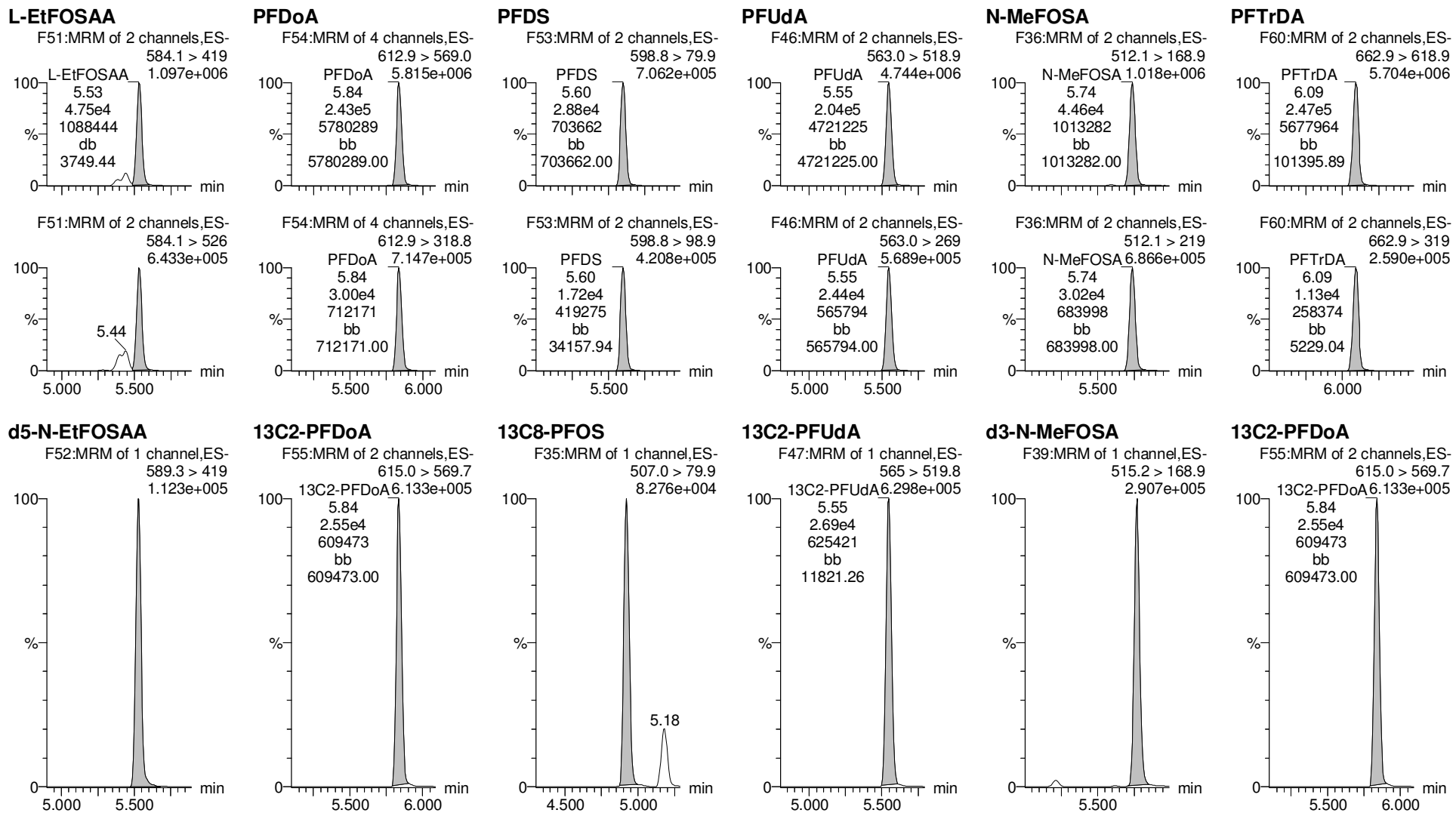


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_9, Date: 17-Oct-2018, Time: 13:32:06, ID: ST181017M1-8 PFC CS5 18J0808, Description: PFC CS5 18J0808



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_9, Date: 17-Oct-2018, Time: 13:32:06, ID: ST181017M1-8 PFC CS5 18J0808, Description: PFC CS5 18J0808

PFTeDA

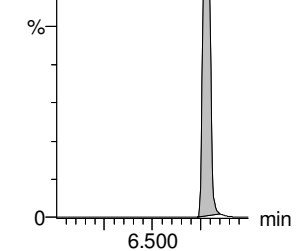
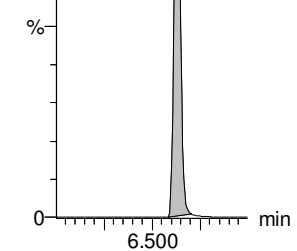
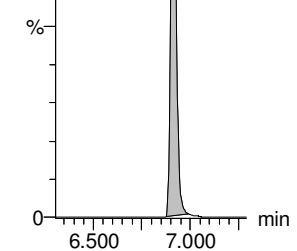
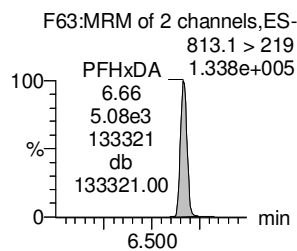
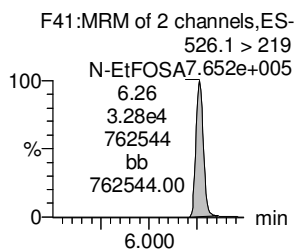
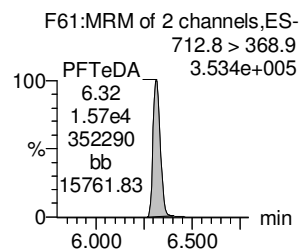
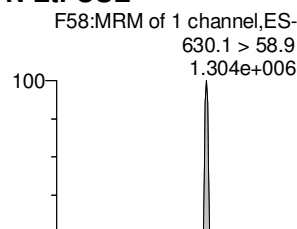
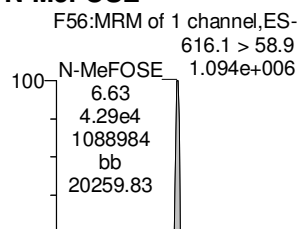
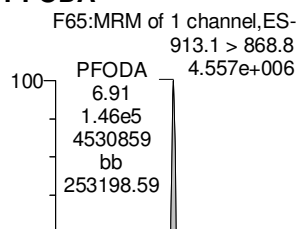
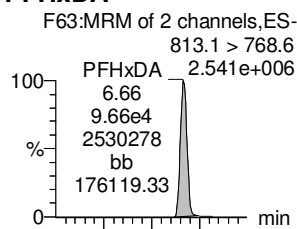
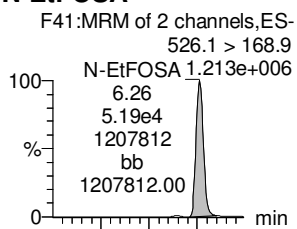
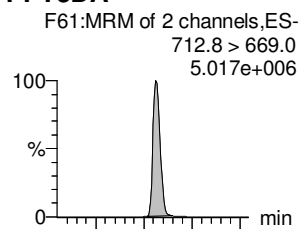
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

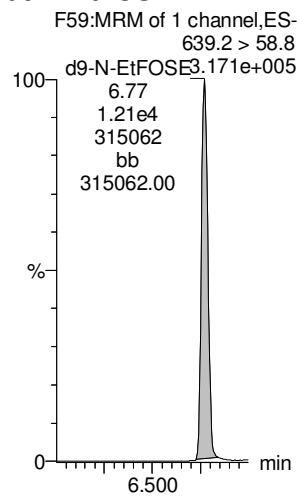
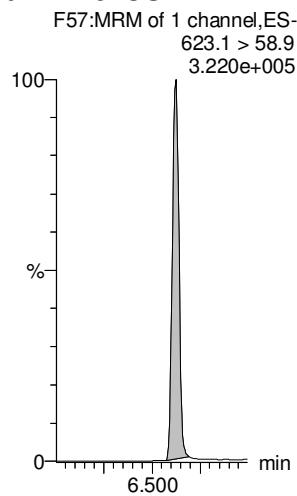
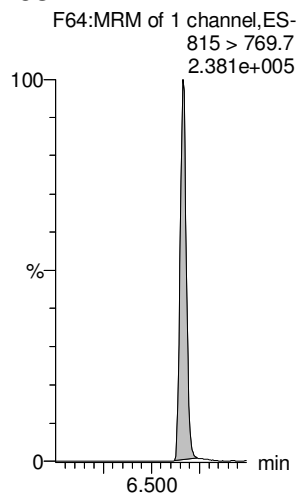
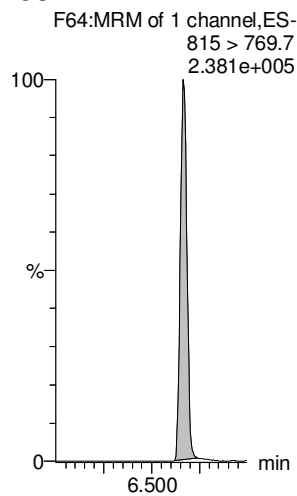
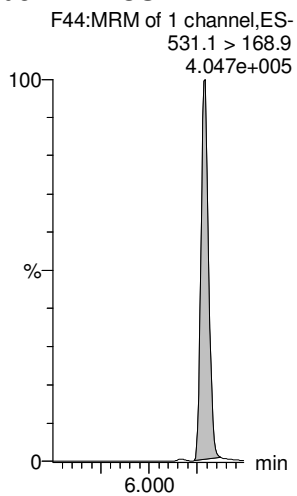
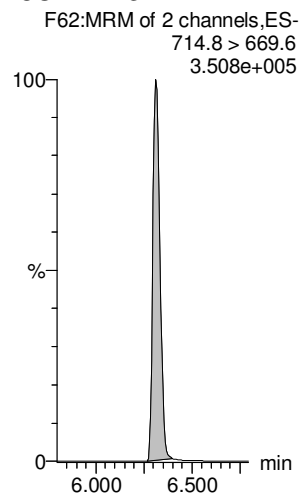
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



Dataset: Untitled

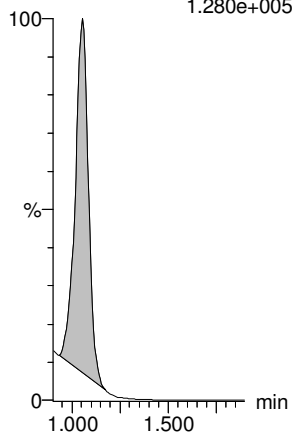
Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_9, Date: 17-Oct-2018, Time: 13:32:06, ID: ST181017M1-8 PFC CS5 18J0808, Description: PFC CS5 18J0808

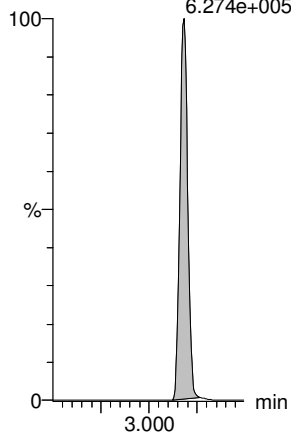
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.280e+005



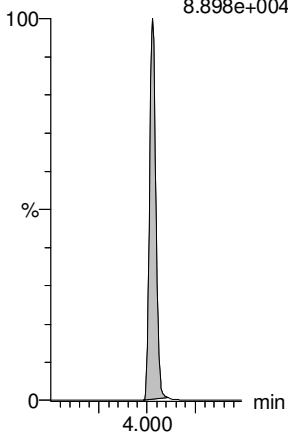
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
6.274e+005



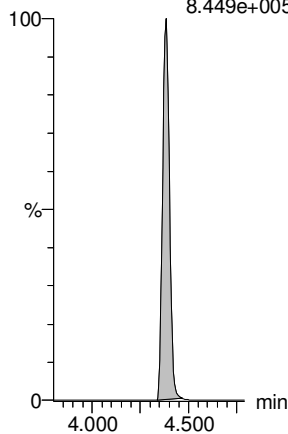
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
8.898e+004



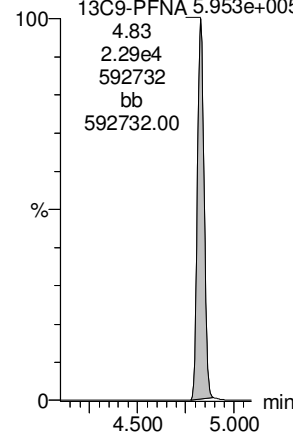
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
8.449e+005



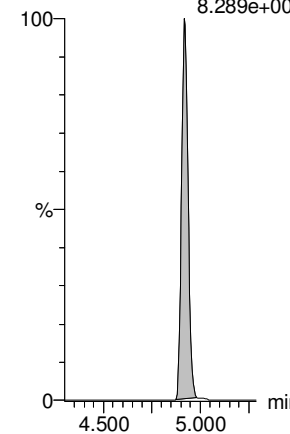
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
5.953e+005



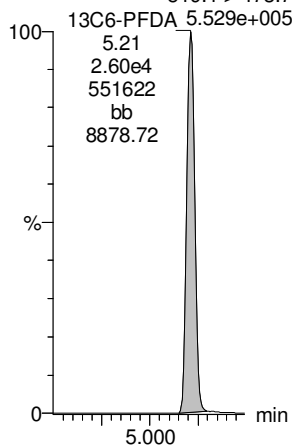
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
8.289e+004



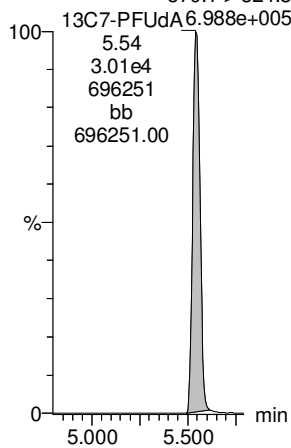
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
5.529e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
6.988e+005

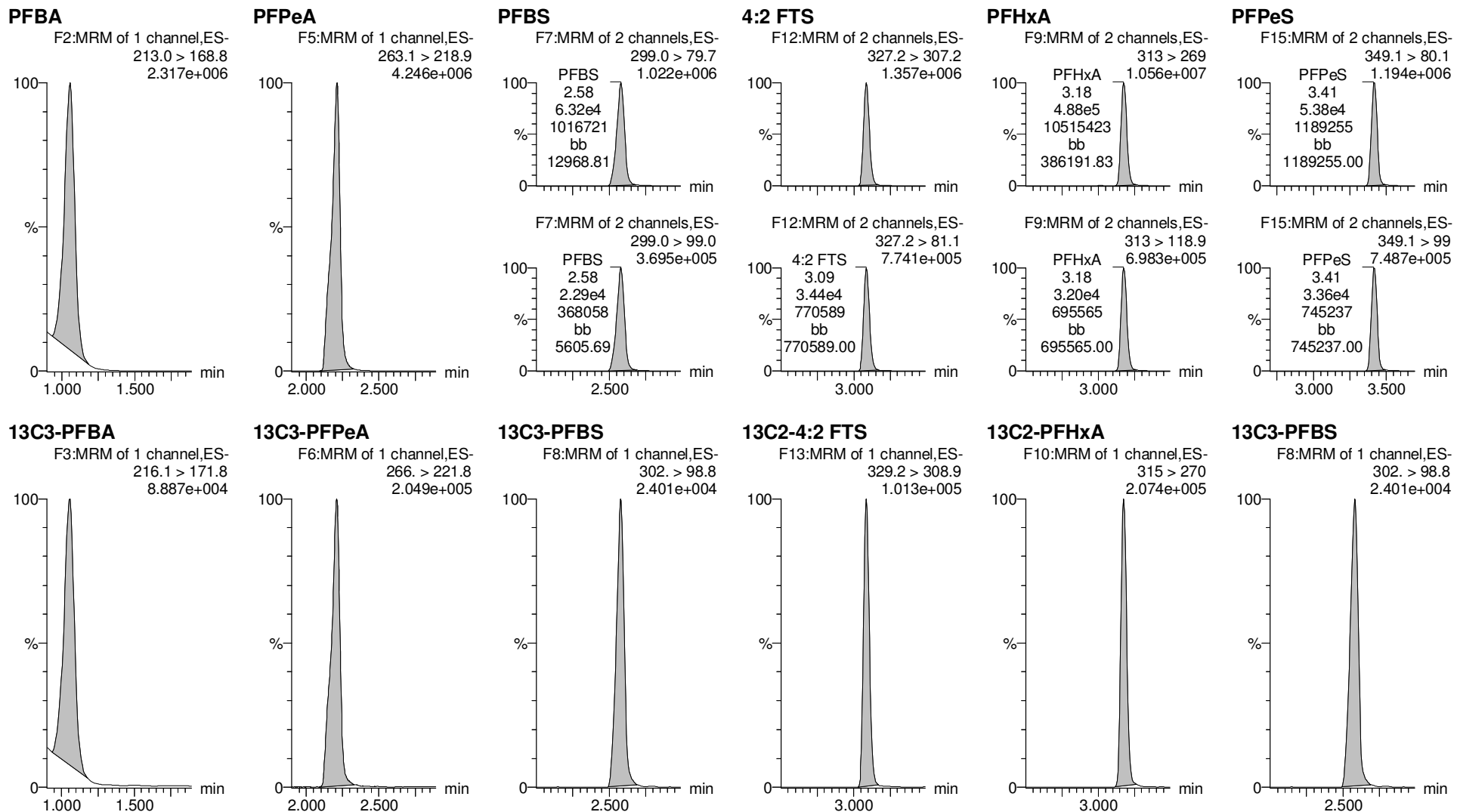


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_10, Date: 17-Oct-2018, Time: 13:42:39, ID: ST181017M1-9 PFC CS6 18J0809, Description: PFC CS6 18J0809

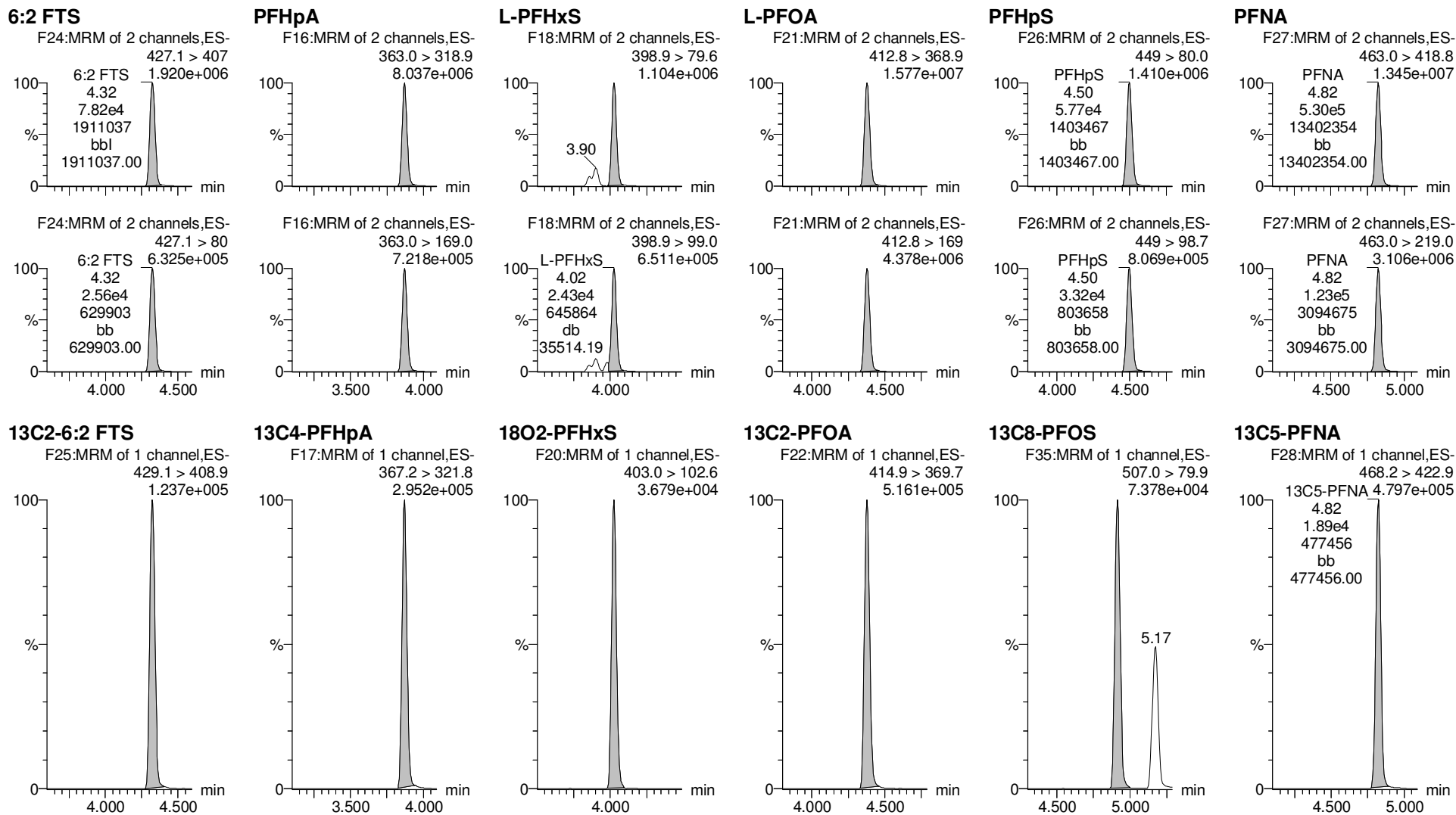


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_10, Date: 17-Oct-2018, Time: 13:42:39, ID: ST181017M1-9 PFC CS6 18J0809, Description: PFC CS6 18J0809



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_10, Date: 17-Oct-2018, Time: 13:42:39, ID: ST181017M1-9 PFC CS6 18J0809, Description: PFC CS6 18J0809

PFOSA

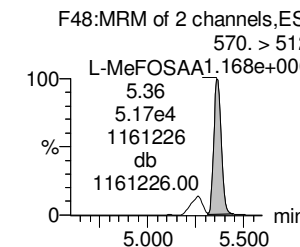
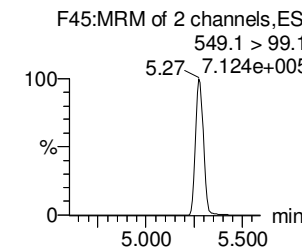
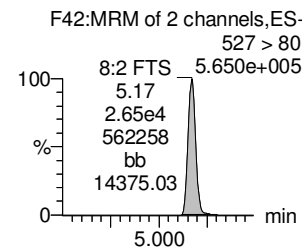
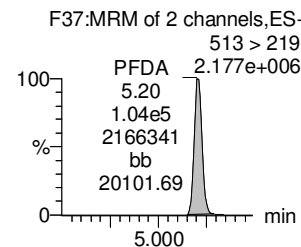
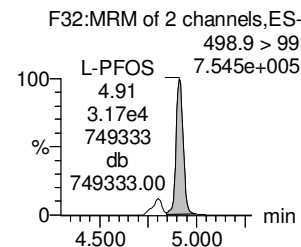
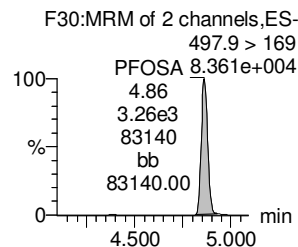
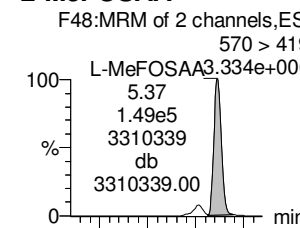
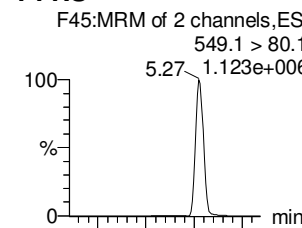
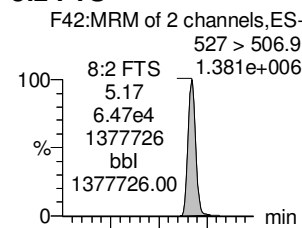
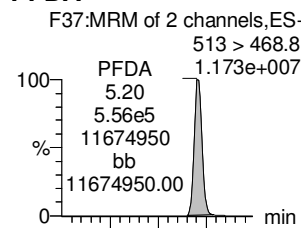
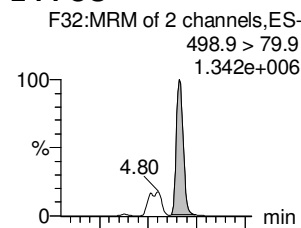
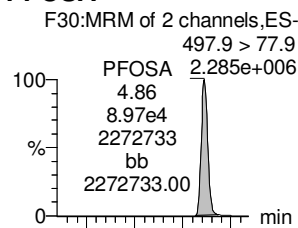
L-PFOS

PFDA

8:2 FTS

PFNS

L-MeFOSAA



13C8-PFOSA

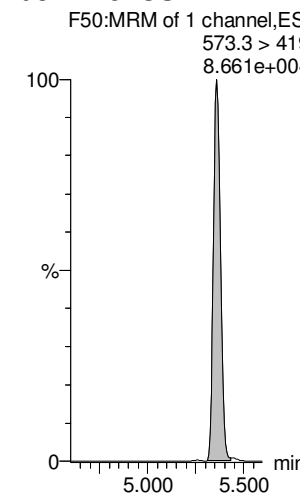
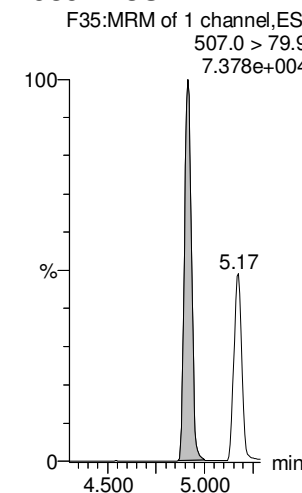
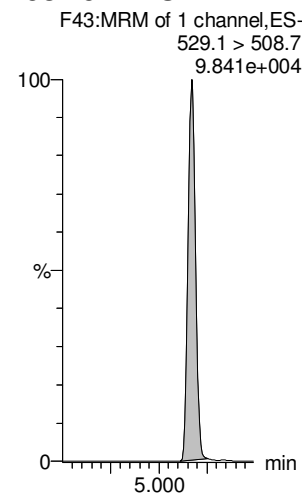
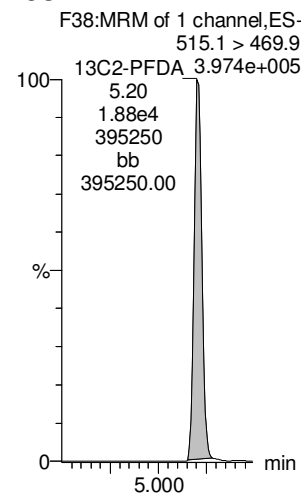
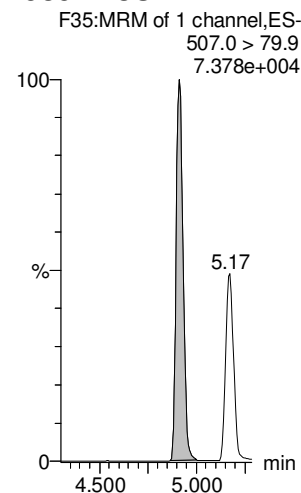
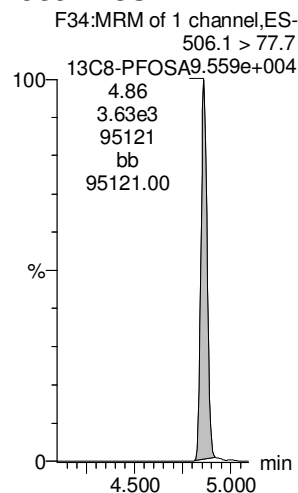
13C8-PFOS

13C2-PFDA

13C2-8:2 FTS

13C8-PFOS

d3-N-MeFOSAA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_10, Date: 17-Oct-2018, Time: 13:42:39, ID: ST181017M1-9 PFC CS6 18J0809, Description: PFC CS6 18J0809

L-EtFOSAA

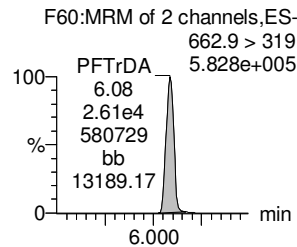
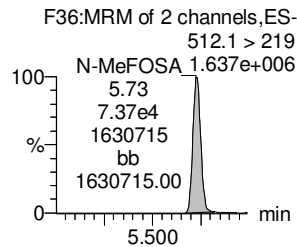
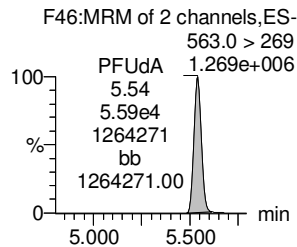
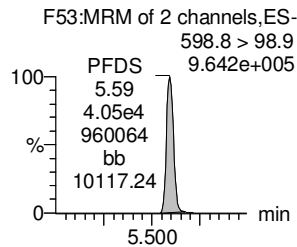
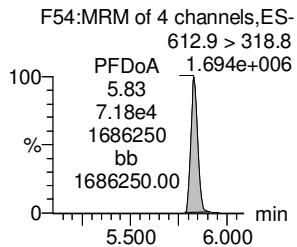
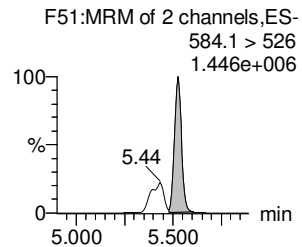
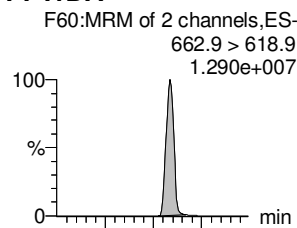
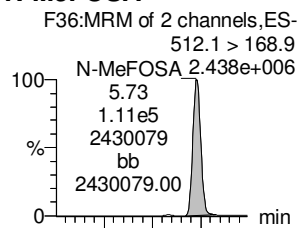
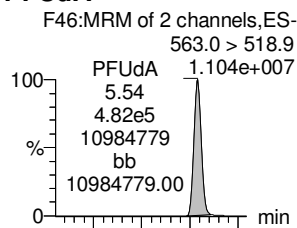
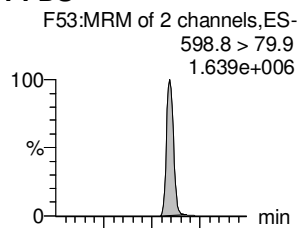
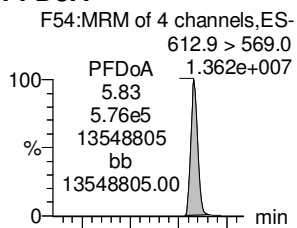
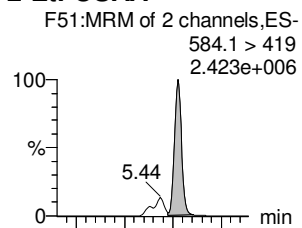
PFDoA

PFDS

PFUdA

N-MeFOSA

PFTrDA



d5-N-EtFOSAA

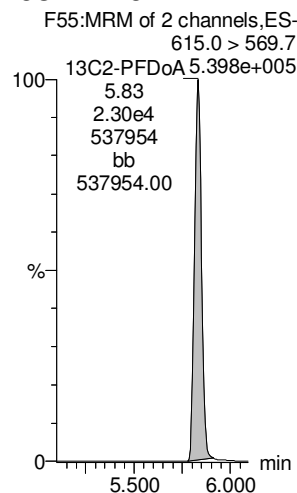
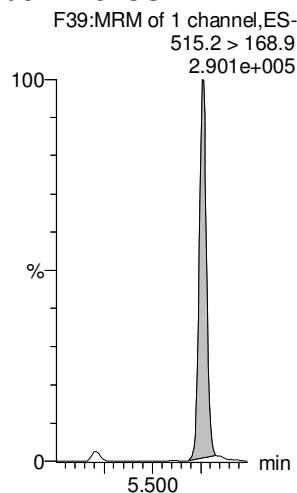
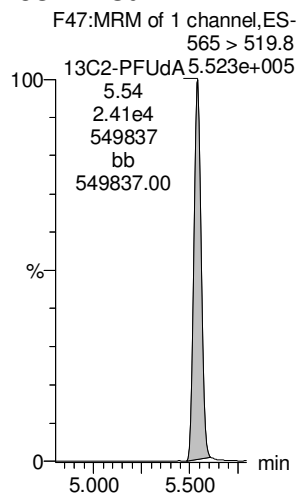
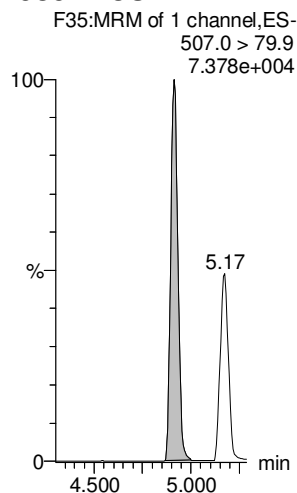
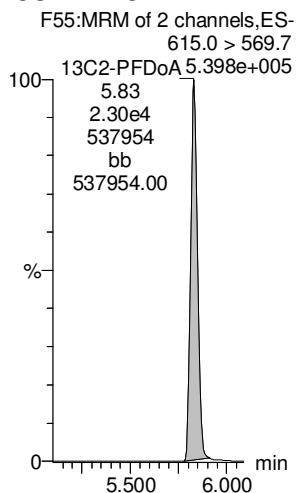
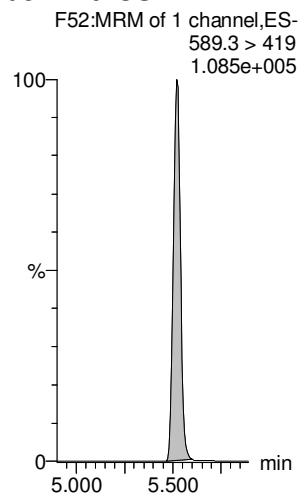
13C2-PFDoA

13C8-PFOS

13C2-PFUdA

d3-N-MeFOSA

13C2-PFDoA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_10, Date: 17-Oct-2018, Time: 13:42:39, ID: ST181017M1-9 PFC CS6 18J0809, Description: PFC CS6 18J0809

PFTeDA

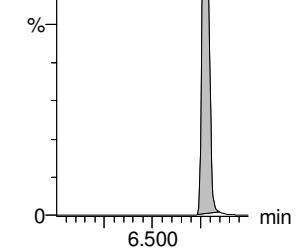
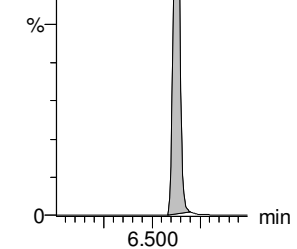
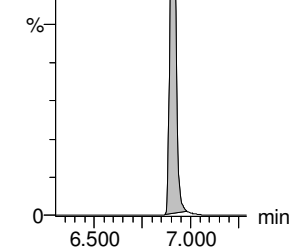
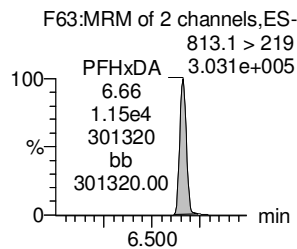
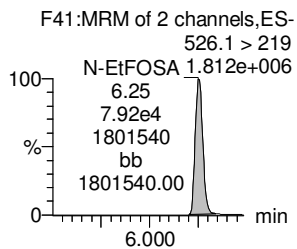
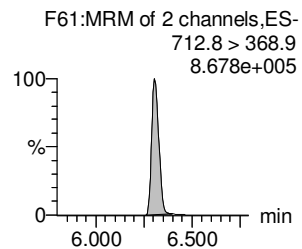
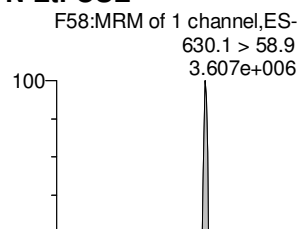
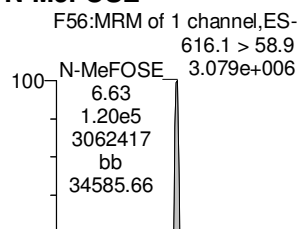
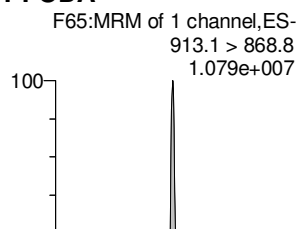
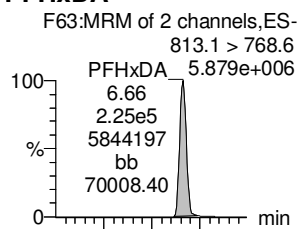
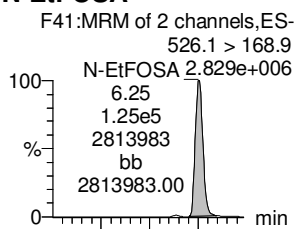
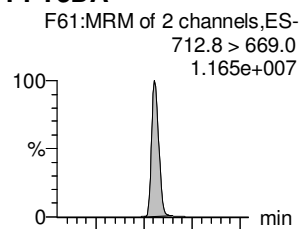
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

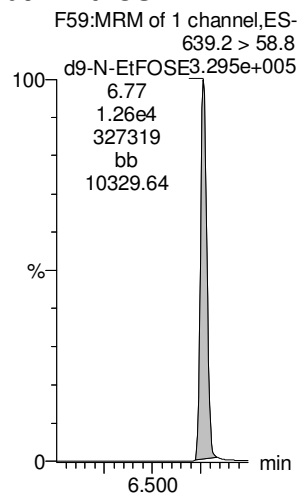
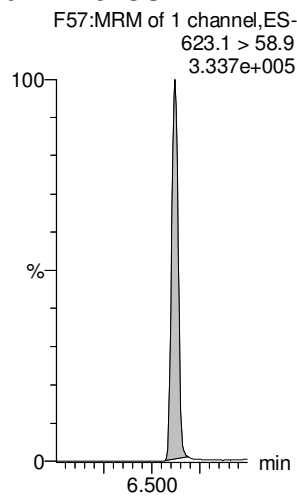
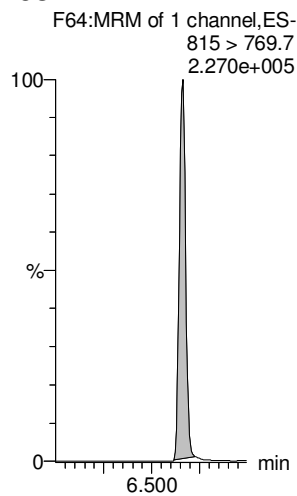
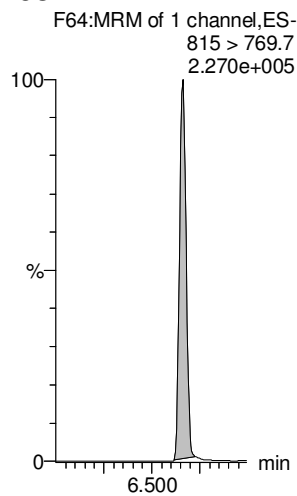
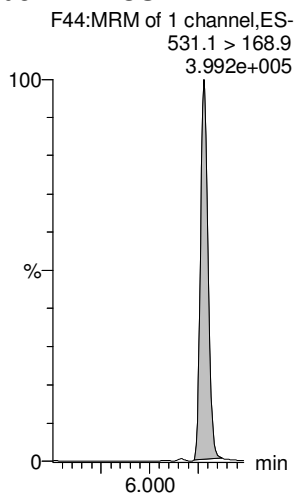
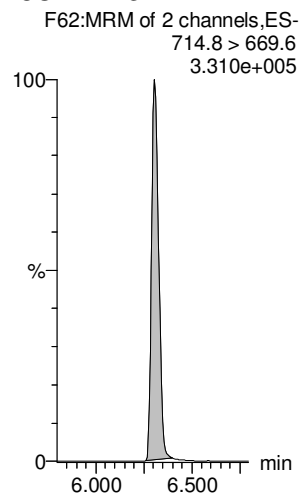
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



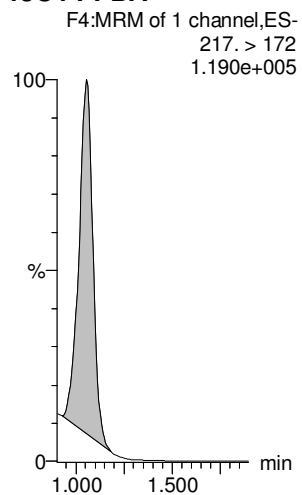
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

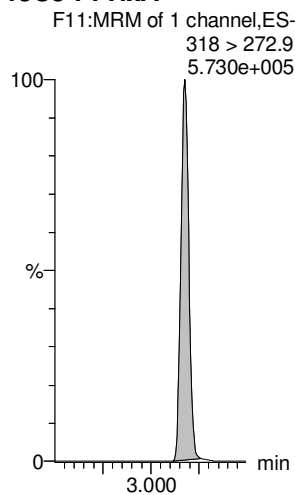
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_10, Date: 17-Oct-2018, Time: 13:42:39, ID: ST181017M1-9 PFC CS6 18J0809, Description: PFC CS6 18J0809

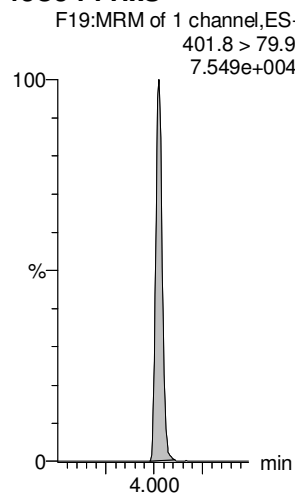
13C4-PFBA



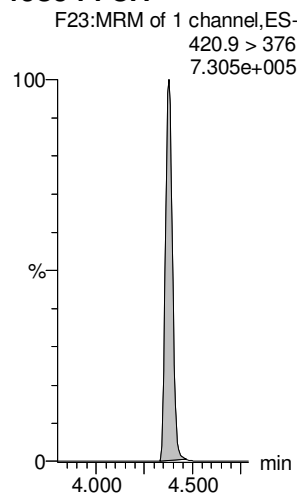
13C5-PFHxA



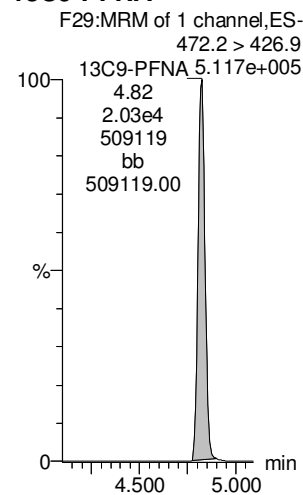
13C3-PFHxS



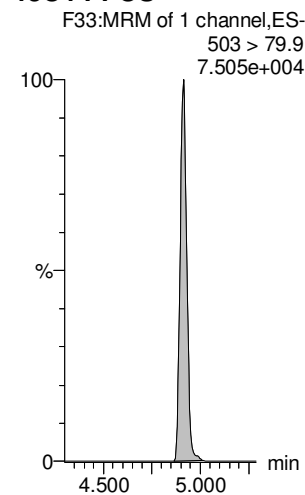
13C8-PFOA



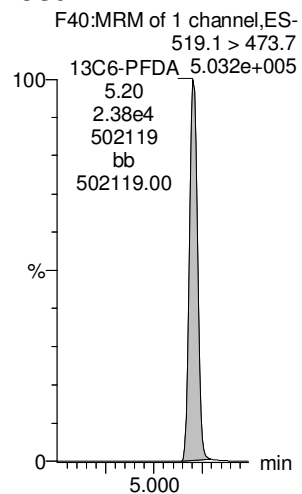
13C9-PFNA



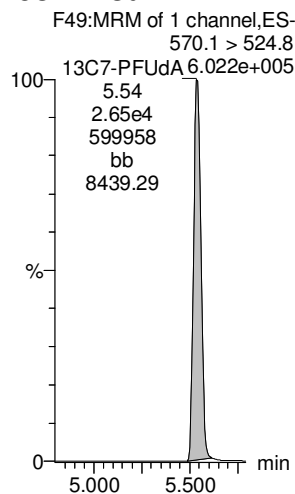
13C4-PFOS



13C6-PFDA



13C7-PFUdA

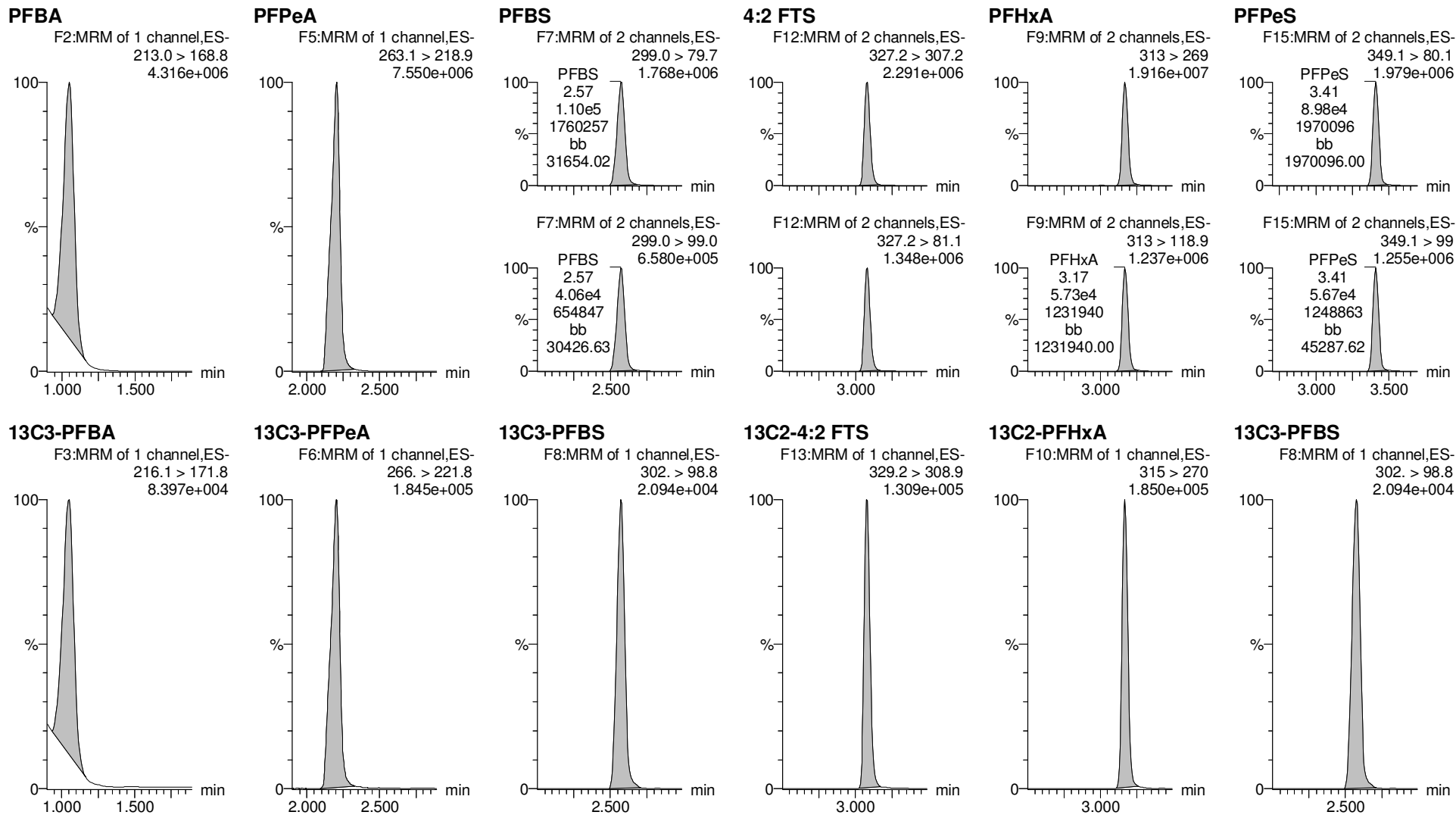


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_11, Date: 17-Oct-2018, Time: 13:53:18, ID: ST181017M1-10 PFC CS7 18J0810, Description: PFC CS7 18J0810



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_11, Date: 17-Oct-2018, Time: 13:53:18, ID: ST181017M1-10 PFC CS7 18J0810, Description: PFC CS7 18J0810

6:2 FTS

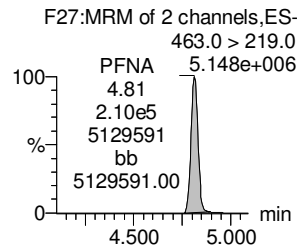
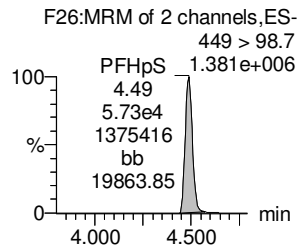
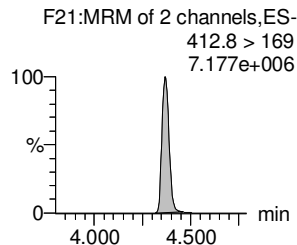
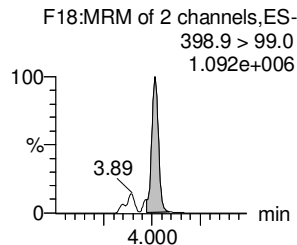
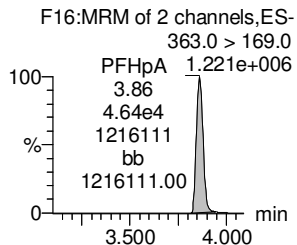
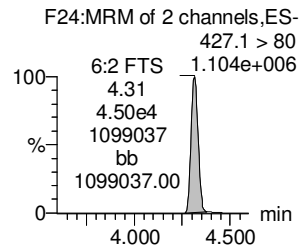
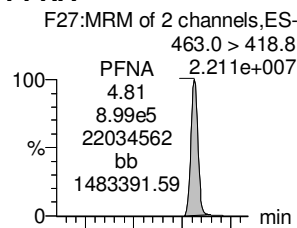
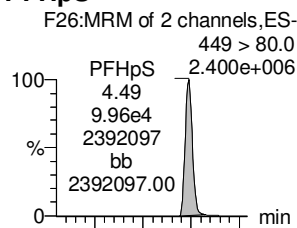
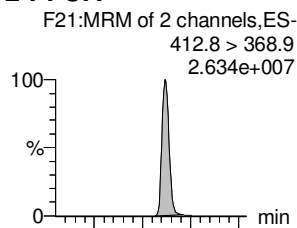
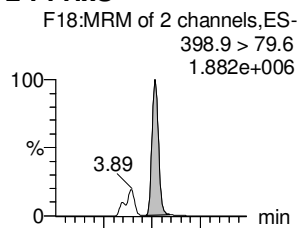
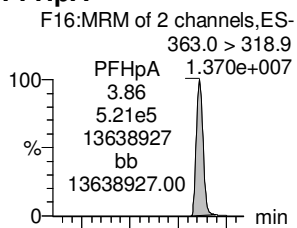
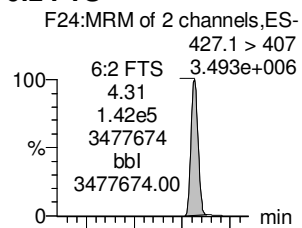
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

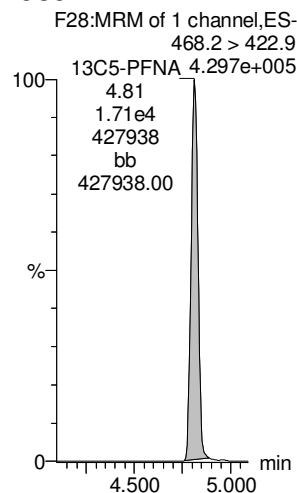
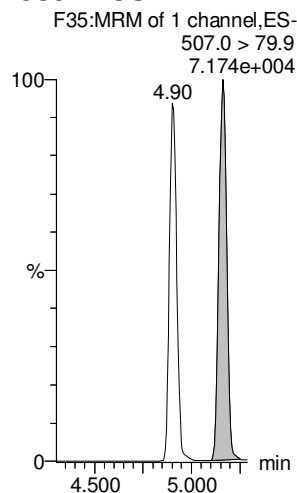
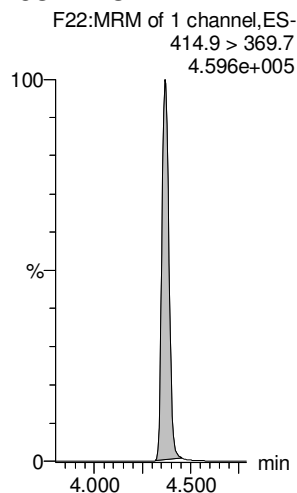
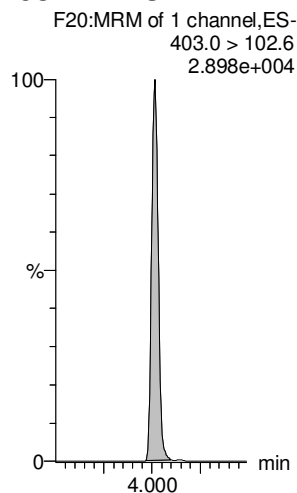
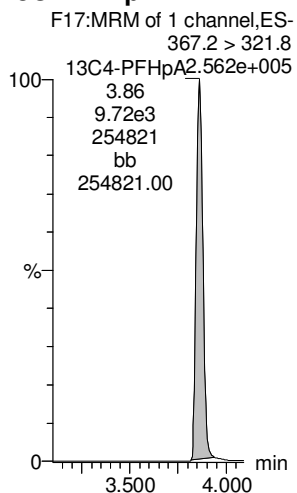
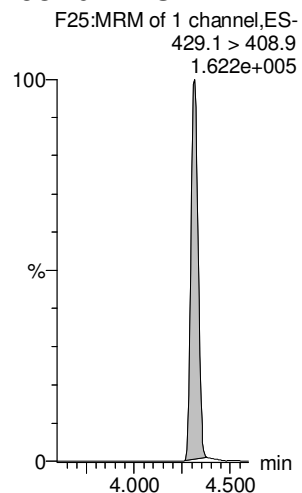
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA

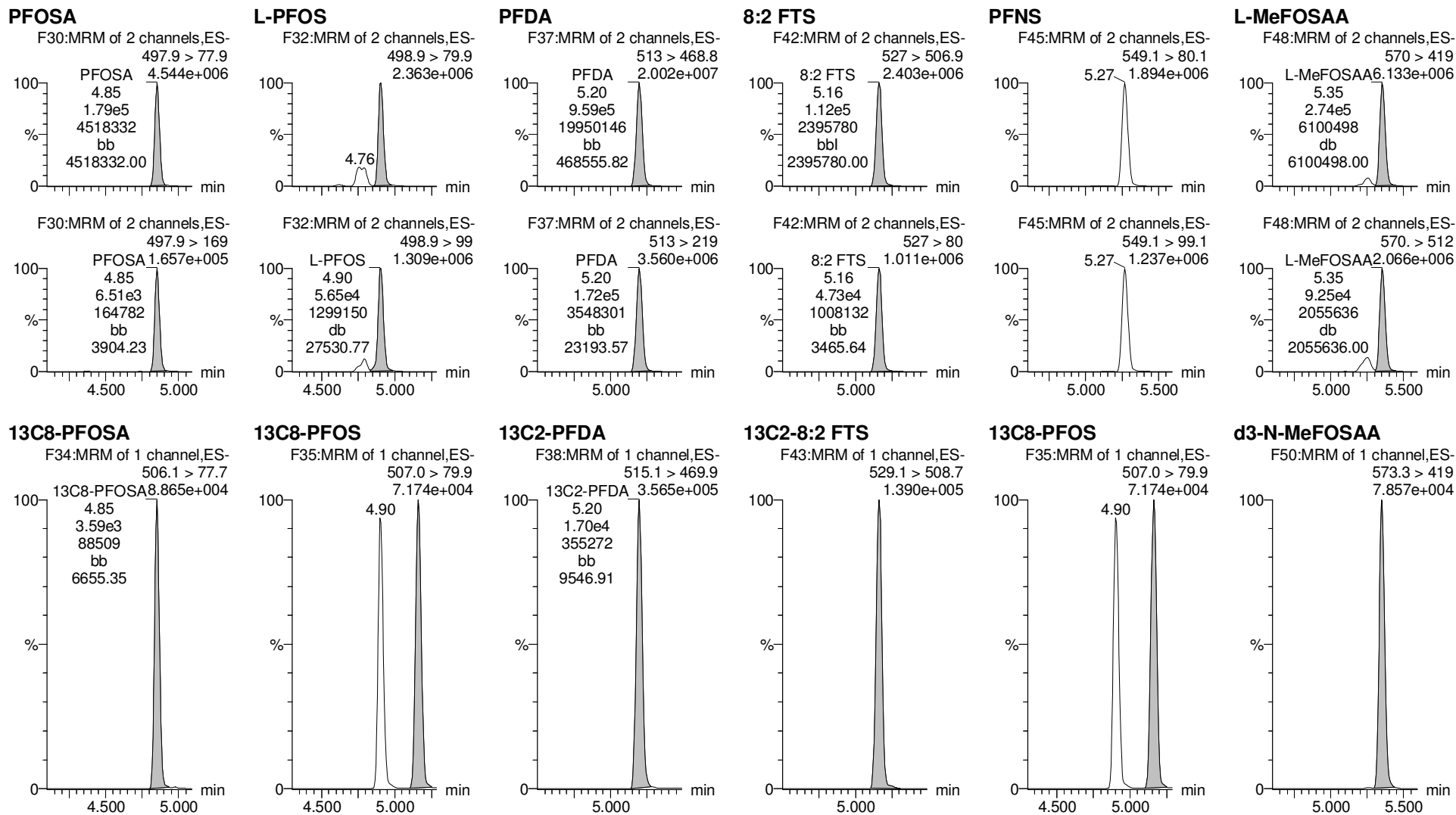


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_11, Date: 17-Oct-2018, Time: 13:53:18, ID: ST181017M1-10 PFC CS7 18J0810, Description: PFC CS7 18J0810

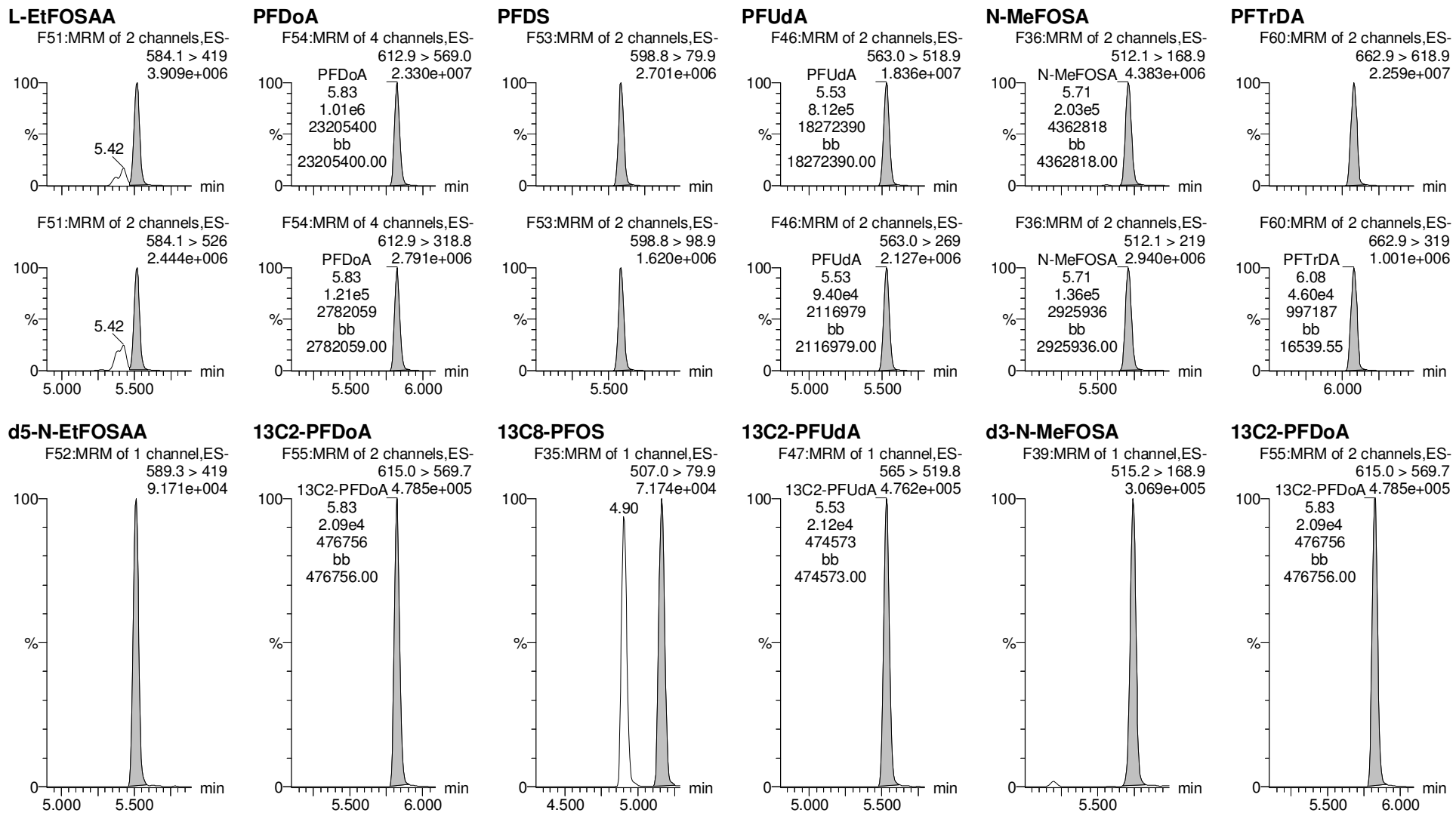


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_11, Date: 17-Oct-2018, Time: 13:53:18, ID: ST181017M1-10 PFC CS7 18J0810, Description: PFC CS7 18J0810



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_11, Date: 17-Oct-2018, Time: 13:53:18, ID: ST181017M1-10 PFC CS7 18J0810, Description: PFC CS7 18J0810

PFTeDA

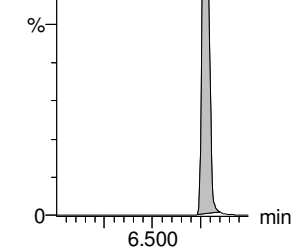
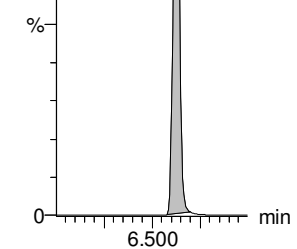
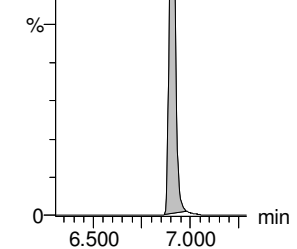
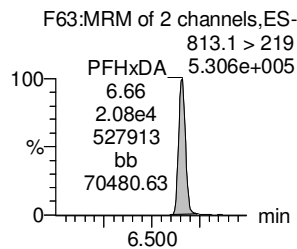
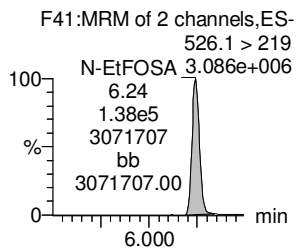
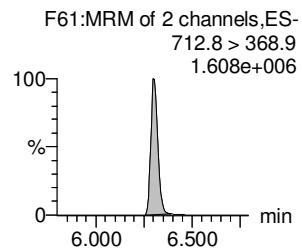
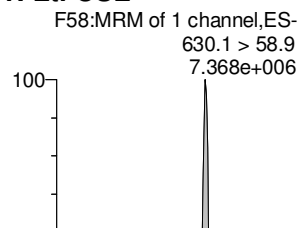
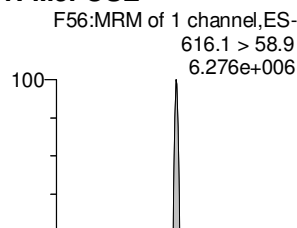
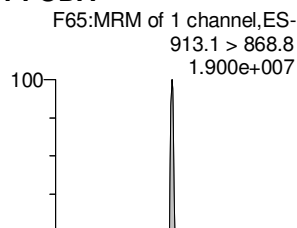
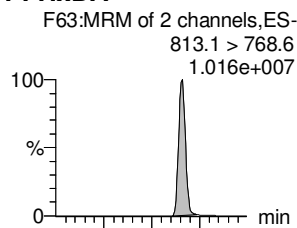
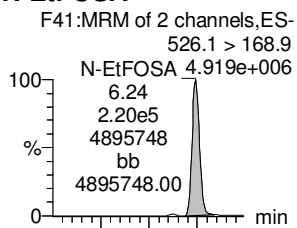
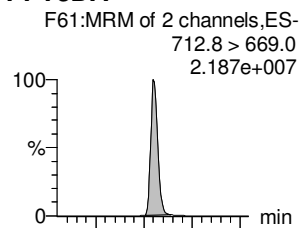
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

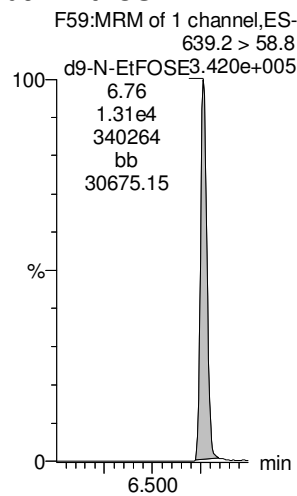
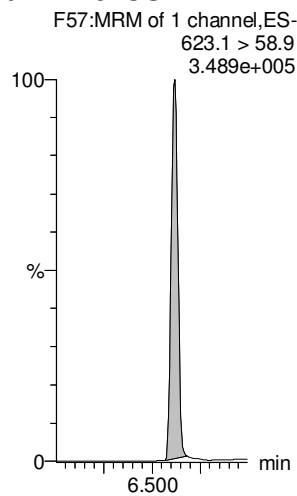
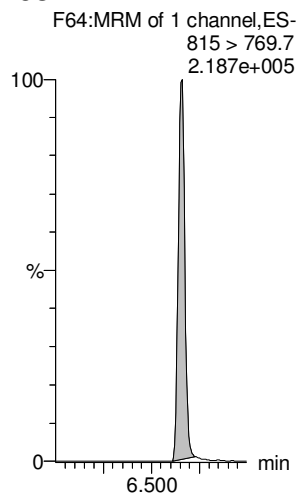
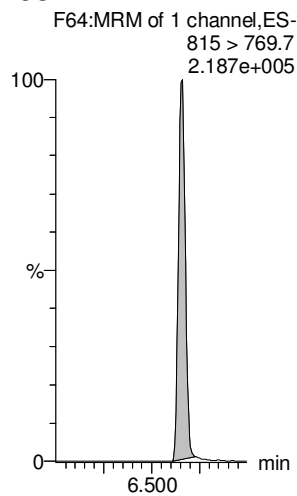
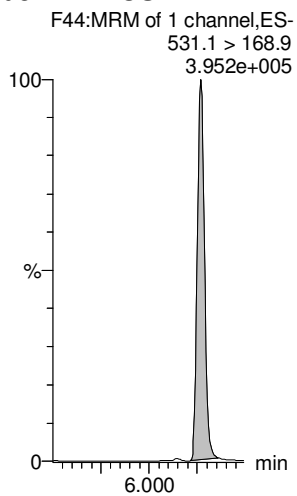
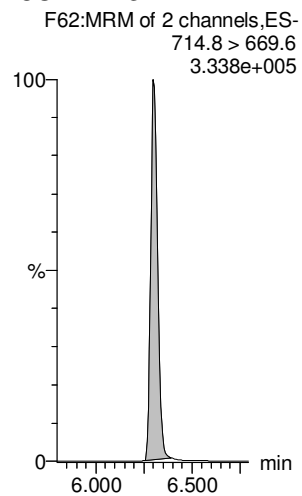
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



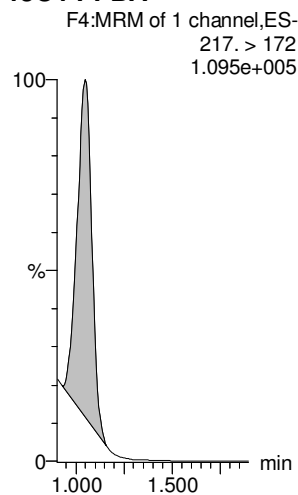
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

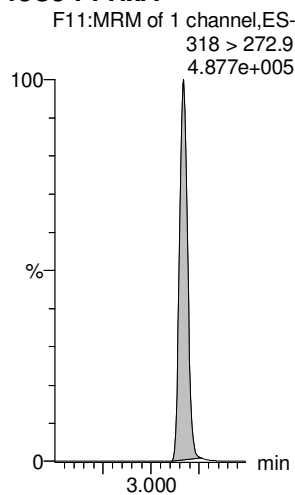
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_11, Date: 17-Oct-2018, Time: 13:53:18, ID: ST181017M1-10 PFC CS7 18J0810, Description: PFC CS7 18J0810

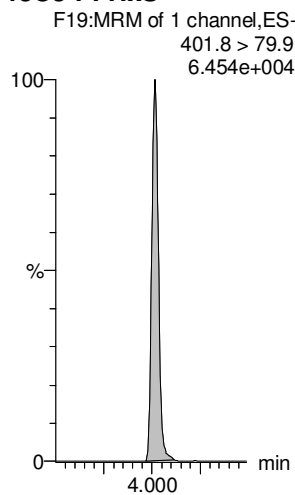
13C4-PFBA



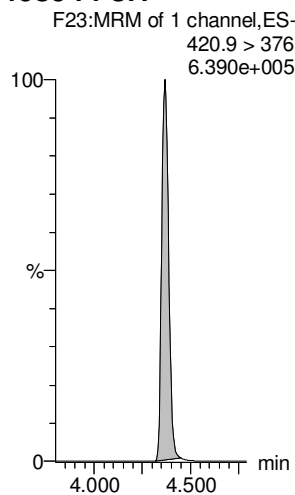
13C5-PFHxA



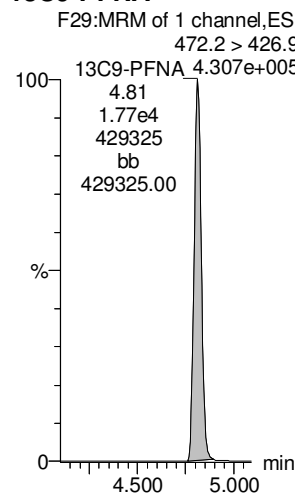
13C3-PFHxS



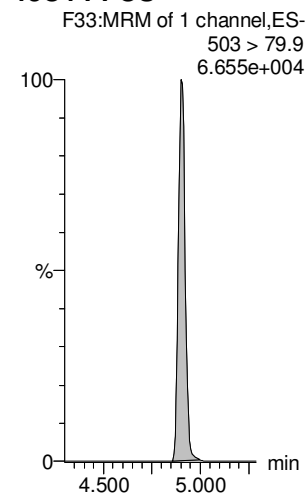
13C8-PFOA



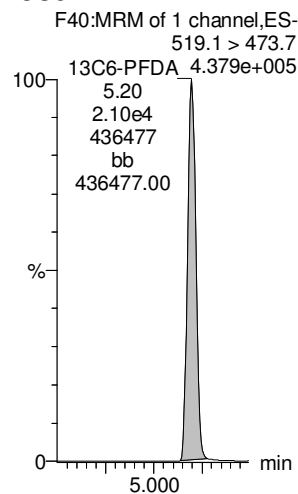
13C9-PFNA



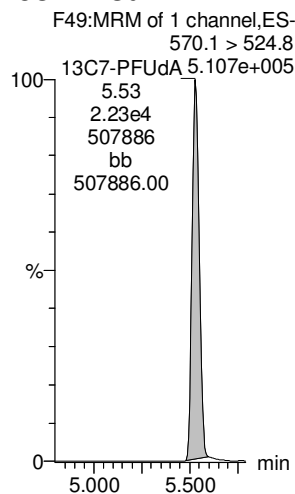
13C4-PFOS



13C6-PFDA



13C7-PFUdA



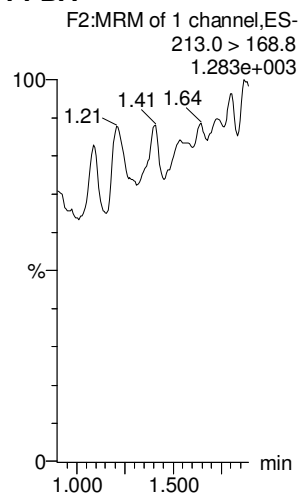
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

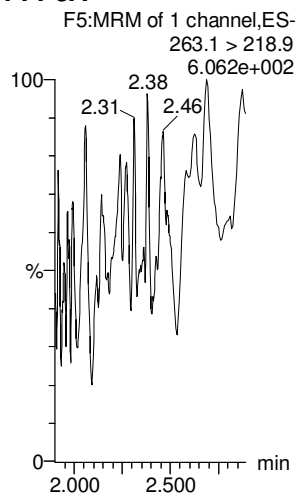
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_12, Date: 17-Oct-2018, Time: 14:03:50, ID: IPA, Description: IPA

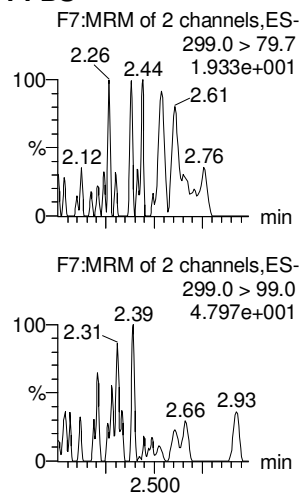
PFBA



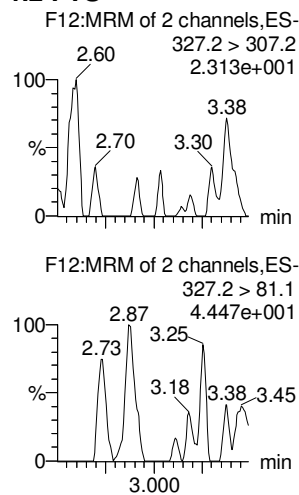
PFPeA



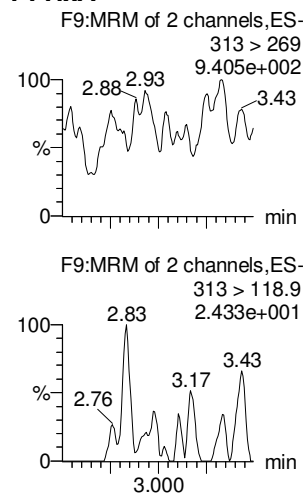
PFBS



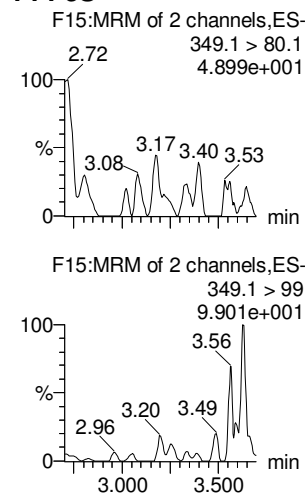
4:2 FTS



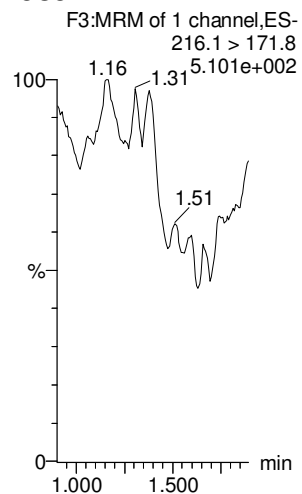
PFHxA



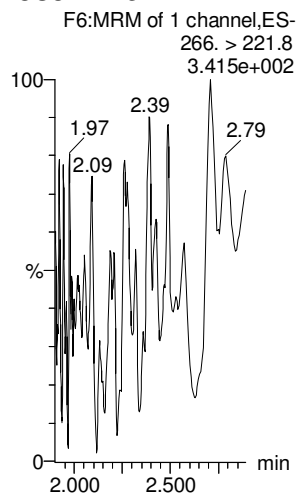
PFPeS



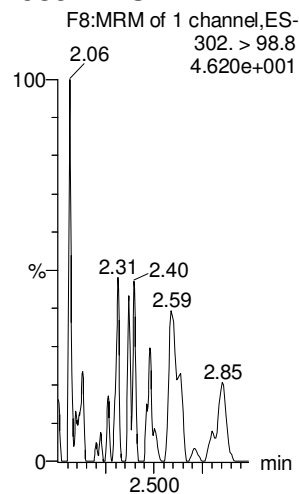
13C3-PFBA



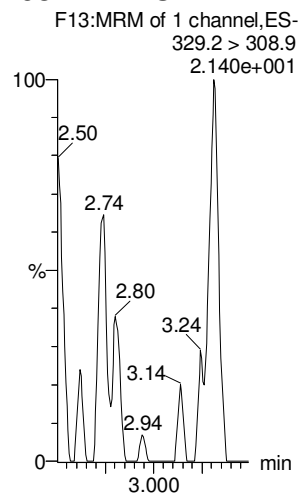
13C3-PFPeA



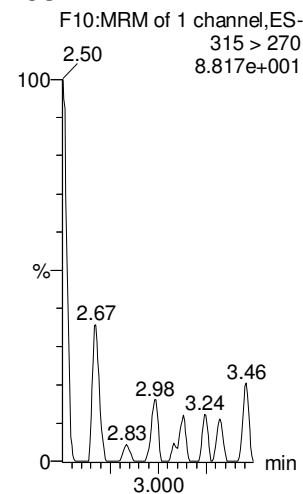
13C3-PFBS



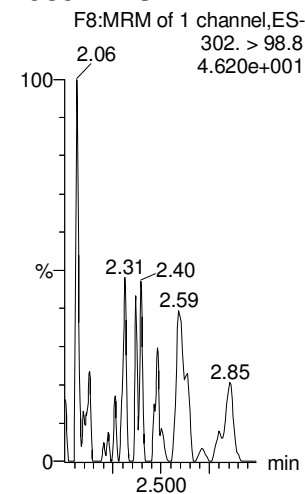
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



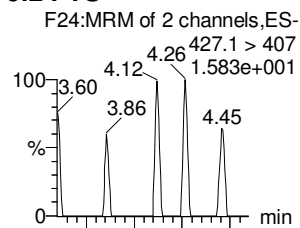
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

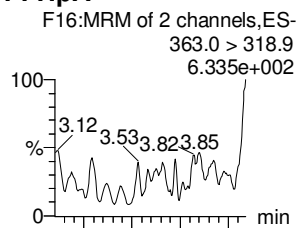
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_12, Date: 17-Oct-2018, Time: 14:03:50, ID: IPA, Description: IPA

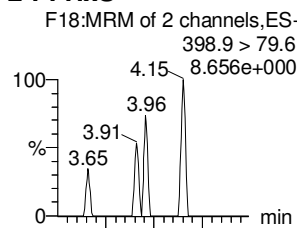
6:2 FTS



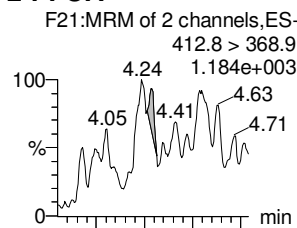
PFHpA



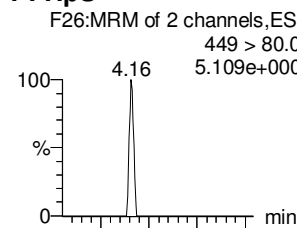
L-PFHxS



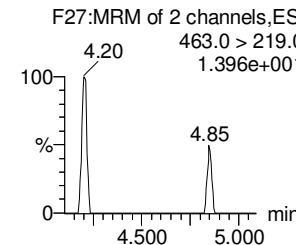
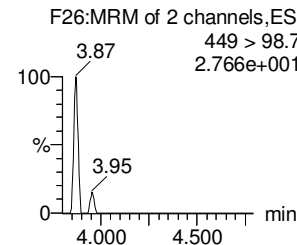
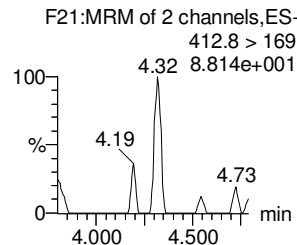
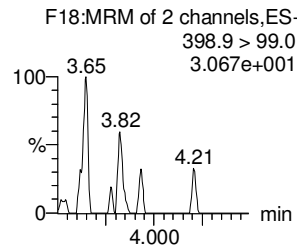
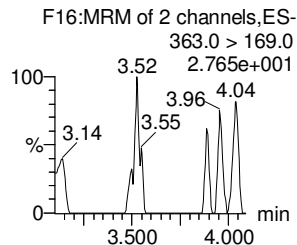
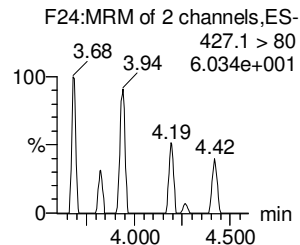
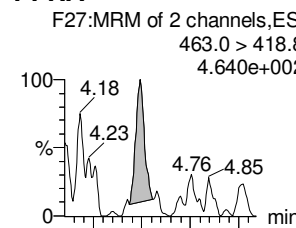
L-PFOA



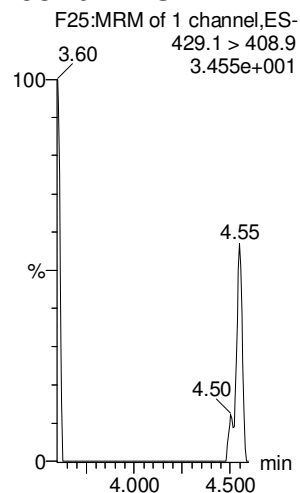
PFHpS



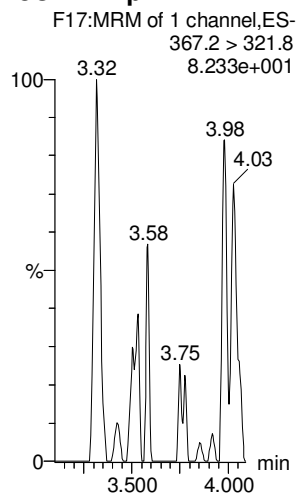
PFNA



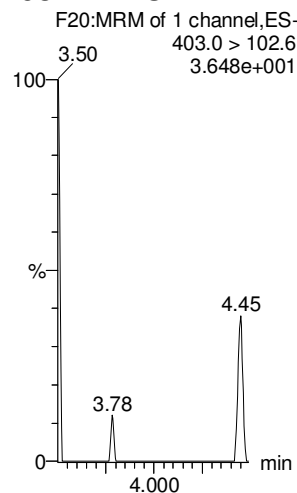
13C2-6:2 FTS



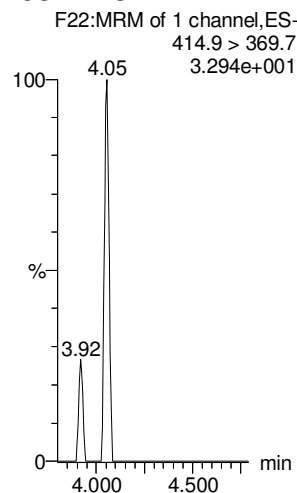
13C4-PFHpA



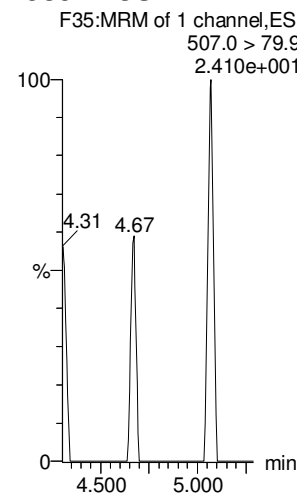
18O2-PFHxS



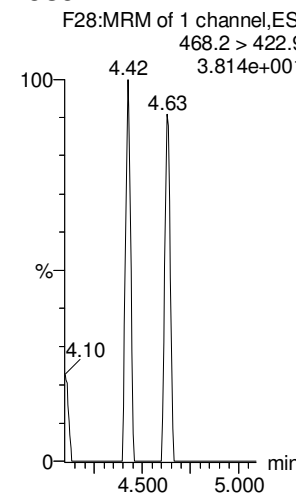
13C2-PFOA



13C8-PFOS



13C5-PFNA



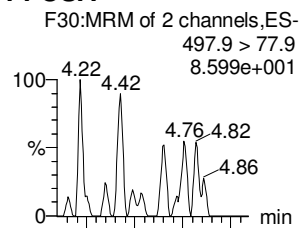
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

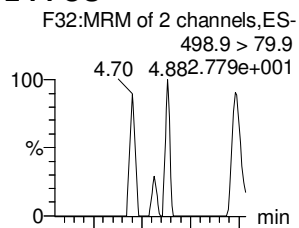
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_12, Date: 17-Oct-2018, Time: 14:03:50, ID: IPA, Description: IPA

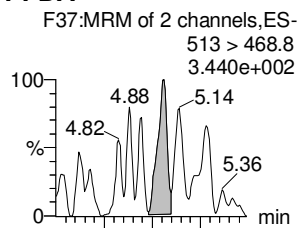
PFOSA



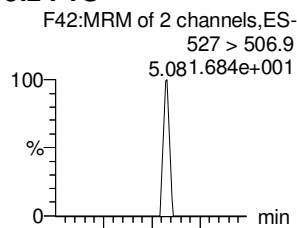
L-PFOS



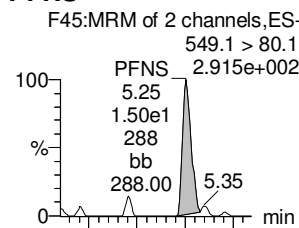
PFDA



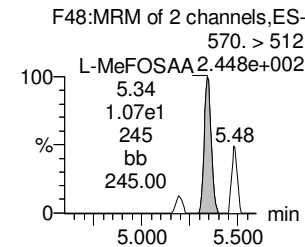
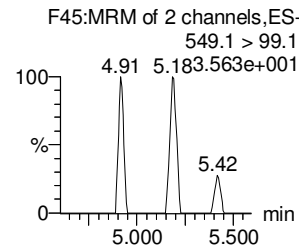
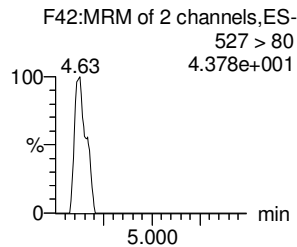
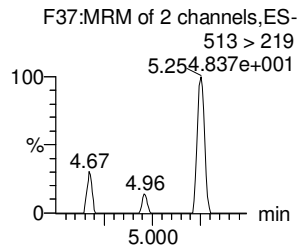
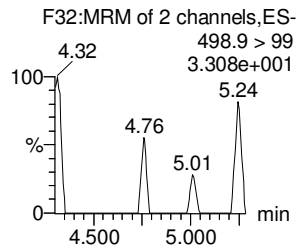
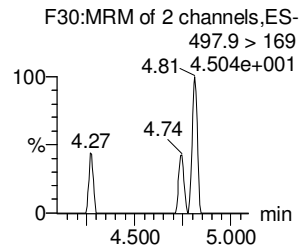
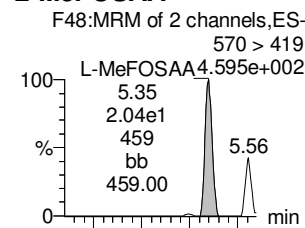
8:2 FTS



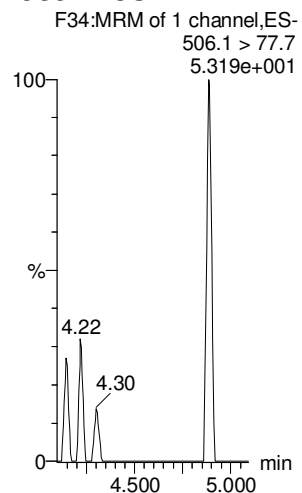
PFNS



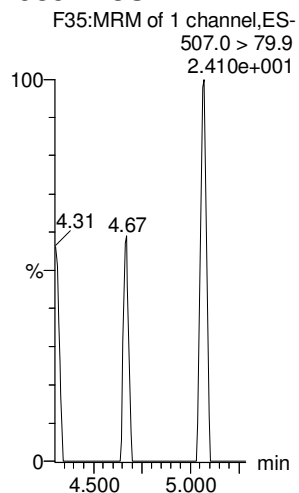
L-MeFOSAA



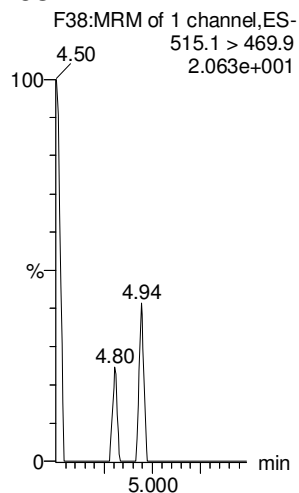
13C8-PFOSA



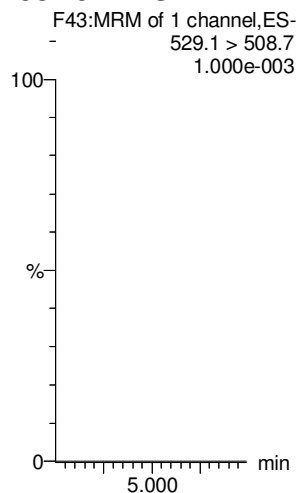
13C8-PFOS



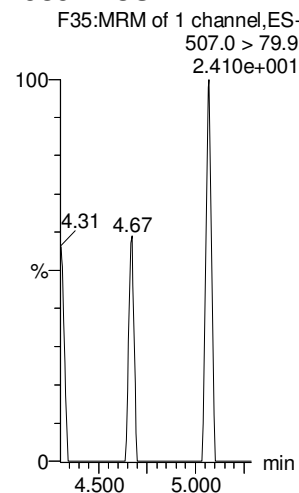
13C2-PFDA



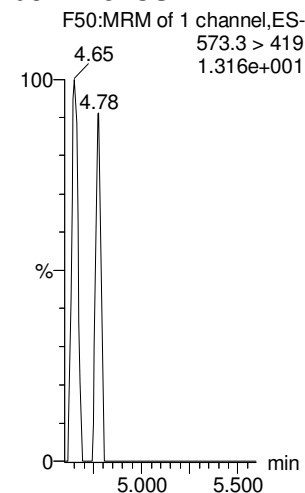
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_12, Date: 17-Oct-2018, Time: 14:03:50, ID: IPA, Description: IPA

L-EtFOSAA

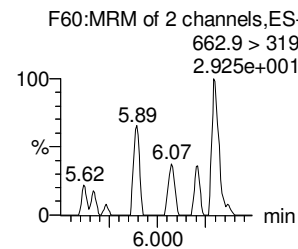
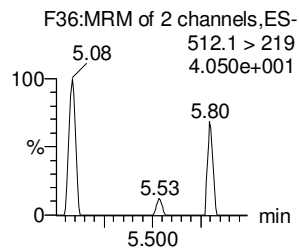
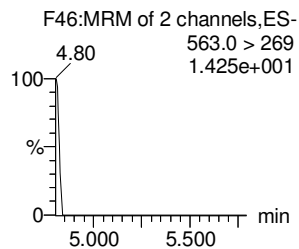
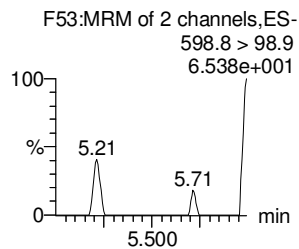
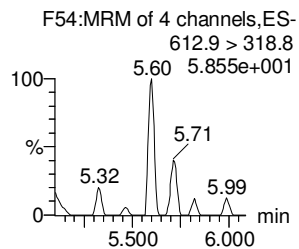
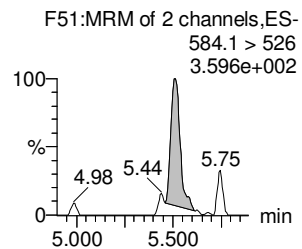
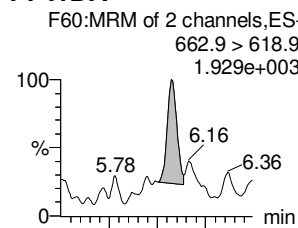
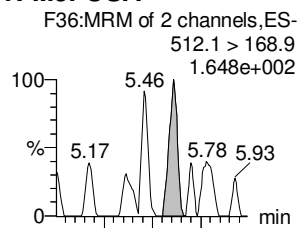
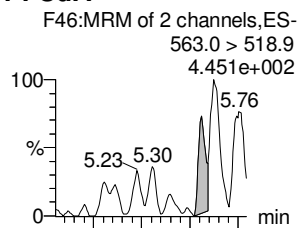
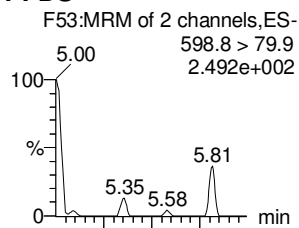
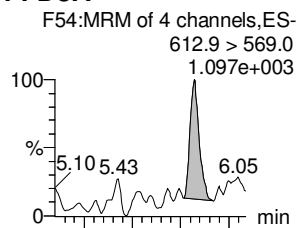
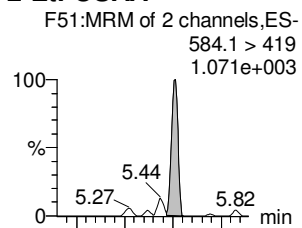
PFDoA

PFDS

PFUdA

N-MeFOSA

PFTrDA



d5-N-EtFOSAA

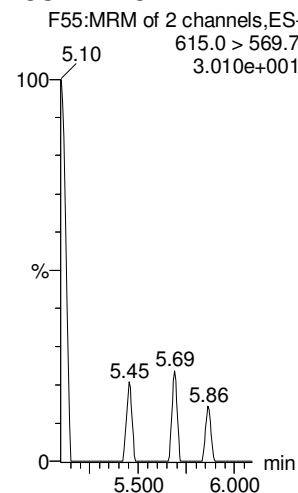
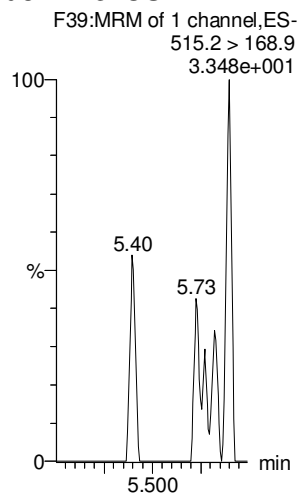
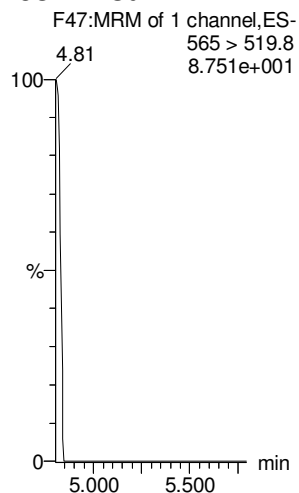
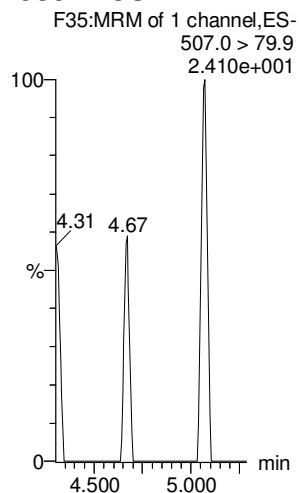
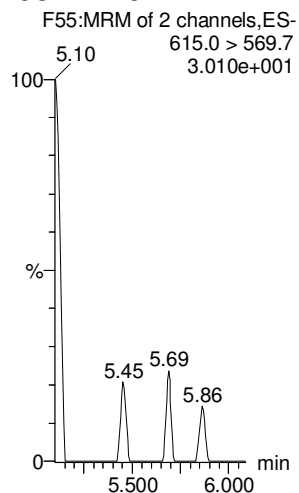
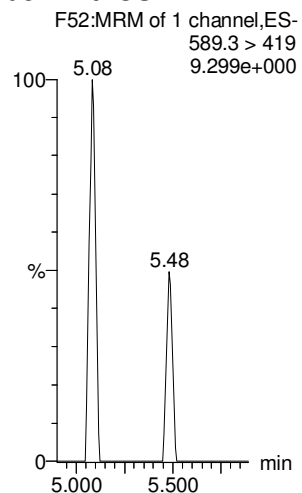
13C2-PFDoA

13C8-PFOS

13C2-PFUdA

d3-N-MeFOSA

13C2-PFDoA



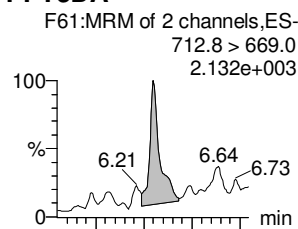
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

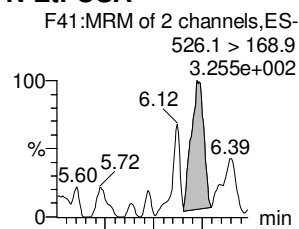
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_12, Date: 17-Oct-2018, Time: 14:03:50, ID: IPA, Description: IPA

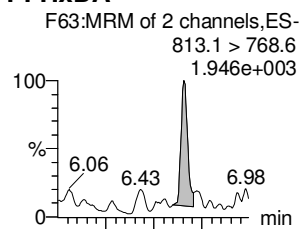
PFTeDA



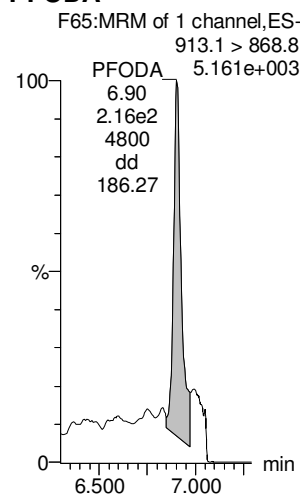
N-EtFOSA



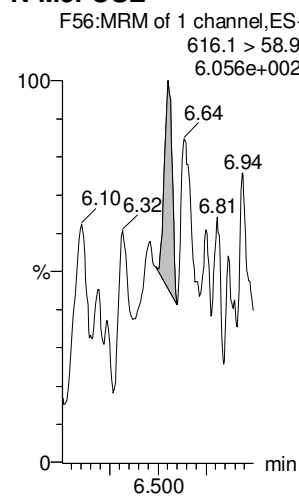
PFHxDA



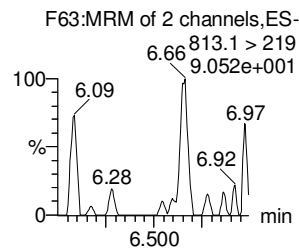
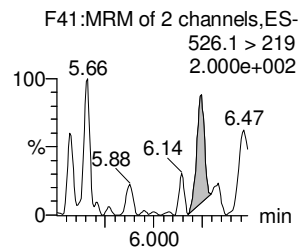
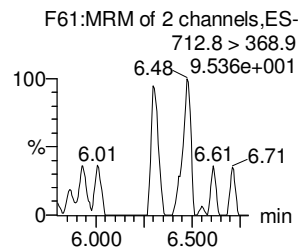
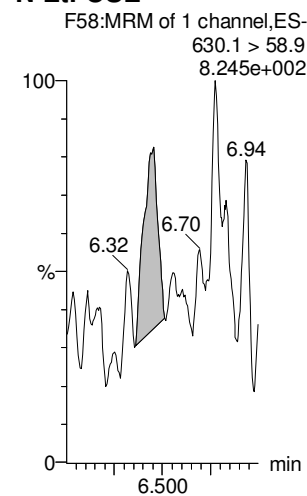
PFODA



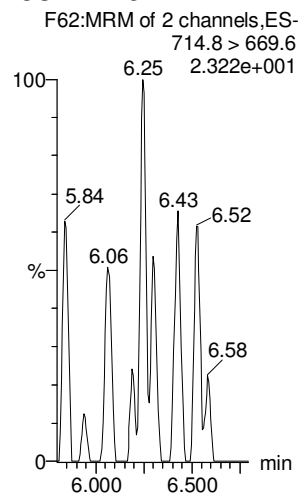
N-MeFOSE



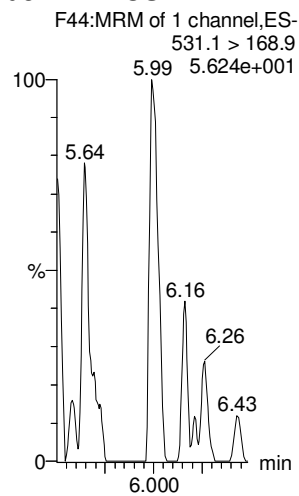
N-EtFOSE



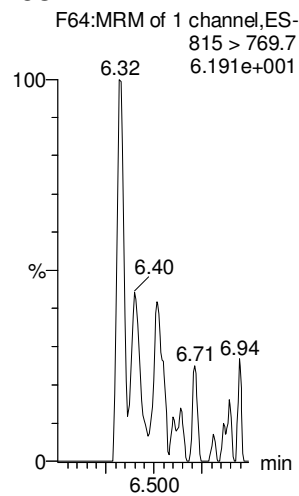
13C2-PFTeDA



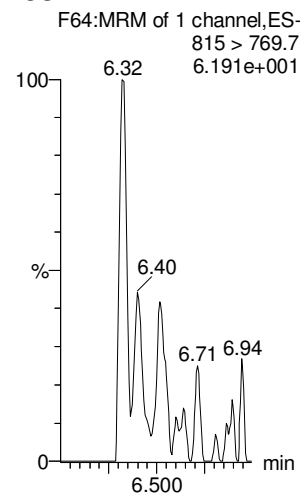
d5-N-ETFOSA



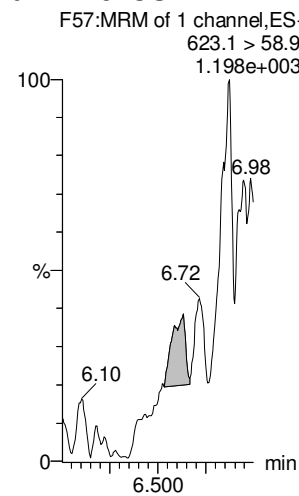
13C2-PFHxDA



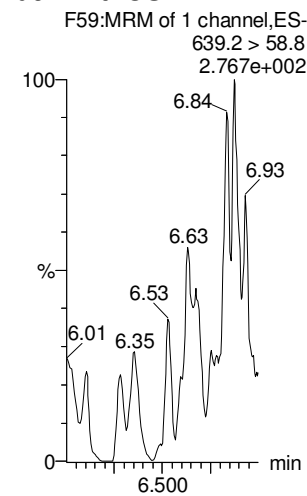
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



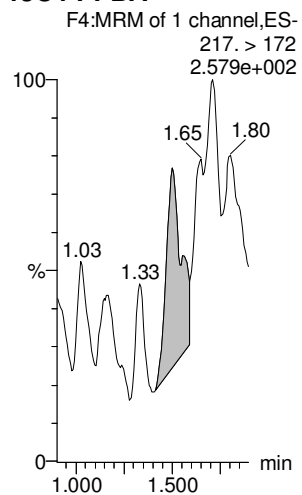
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

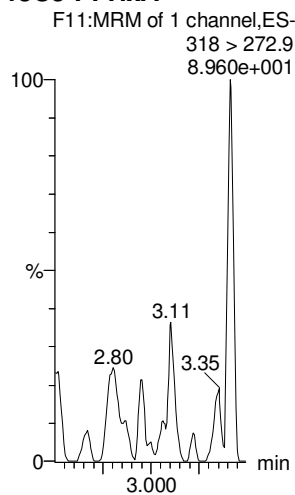
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_12, Date: 17-Oct-2018, Time: 14:03:50, ID: IPA, Description: IPA

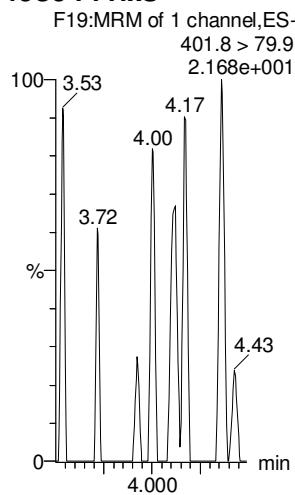
13C4-PFBA



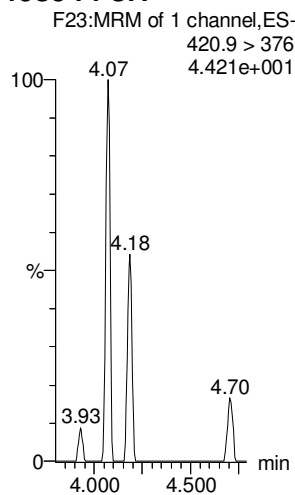
13C5-PFHxA



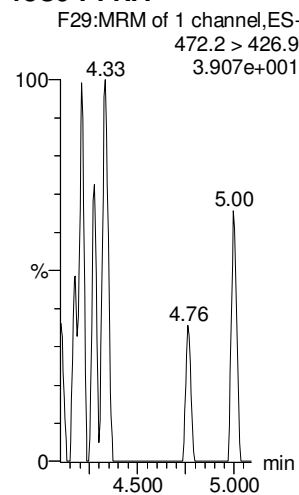
13C3-PFHxS



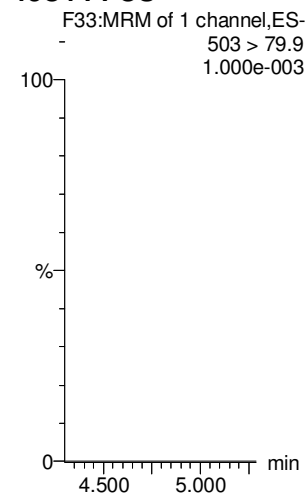
13C8-PFOA



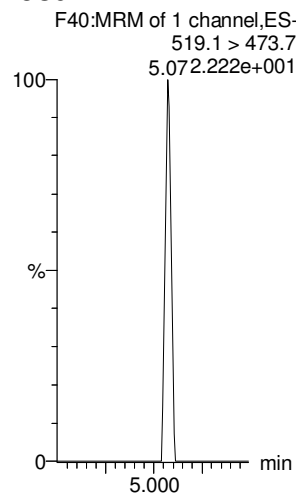
13C9-PFNA



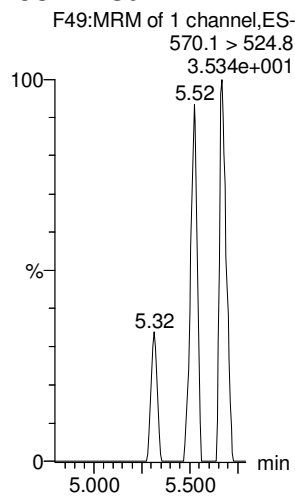
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

PFBA

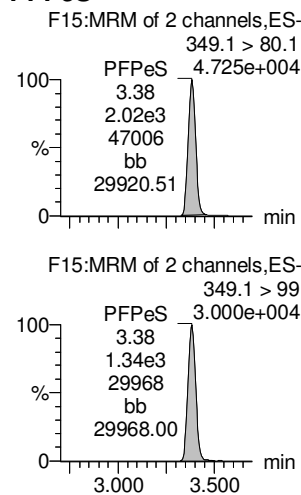
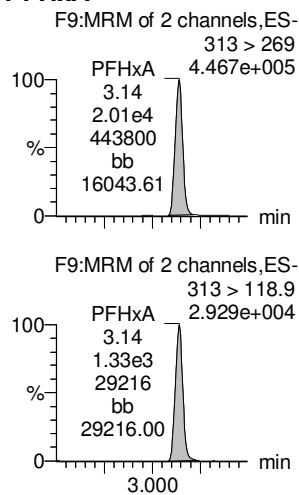
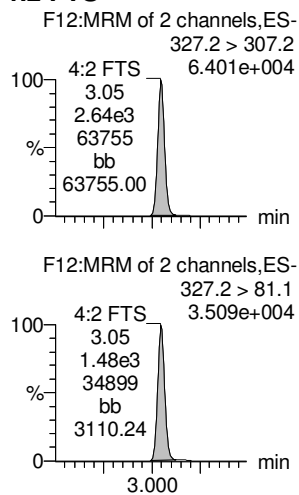
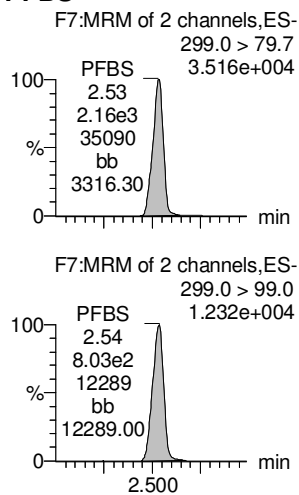
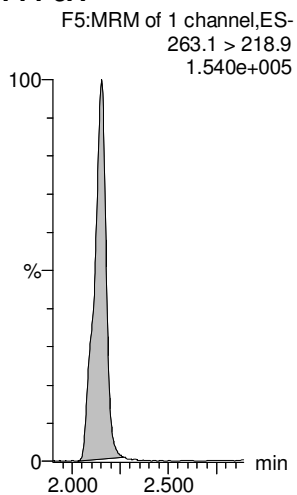
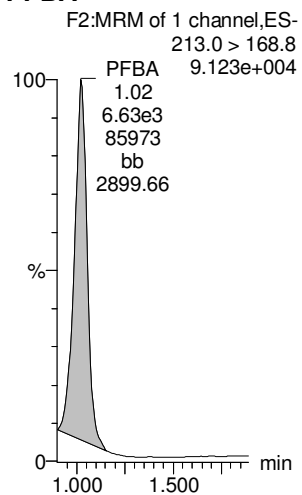
PFPeA

PFBS

4:2 FTS

PFHxA

PFPeS



13C3-PFBA

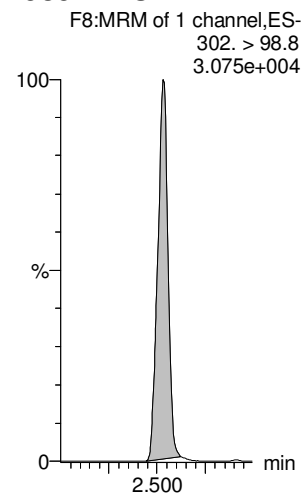
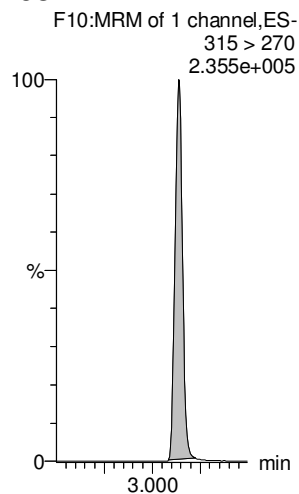
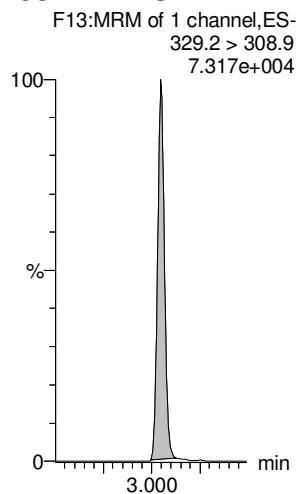
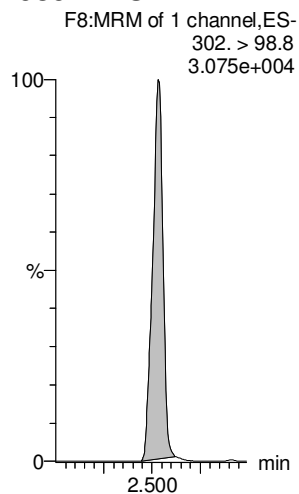
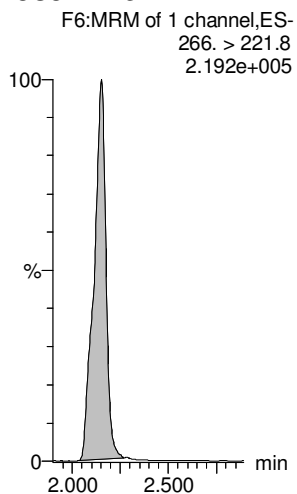
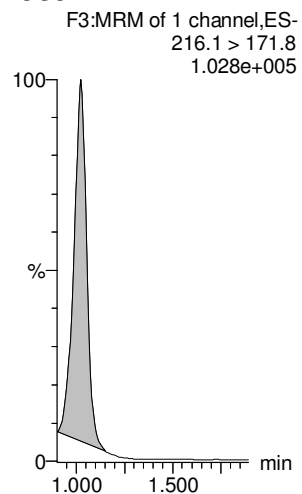
13C3-PFPeA

13C3-PFBS

13C2-4:2 FTS

13C2-PFHxA

13C3-PFBS



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

6:2 FTS

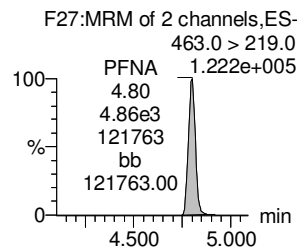
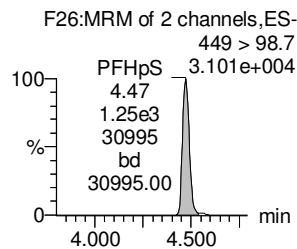
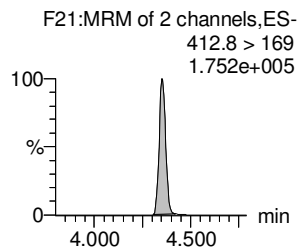
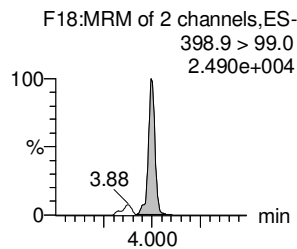
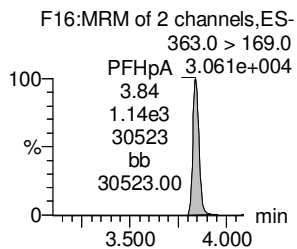
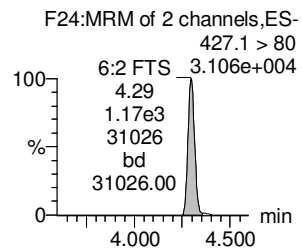
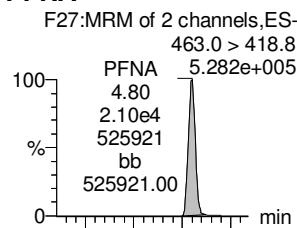
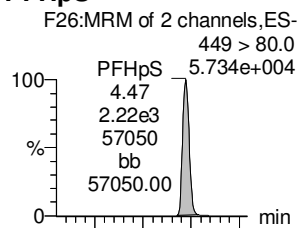
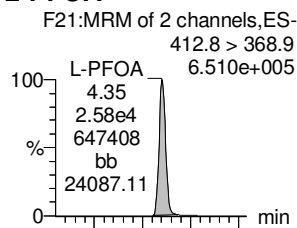
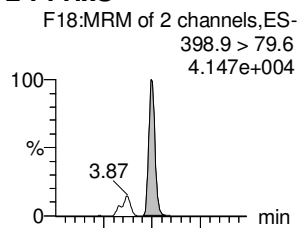
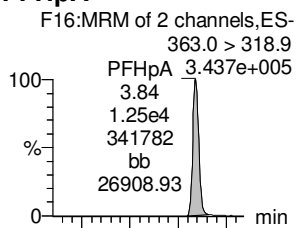
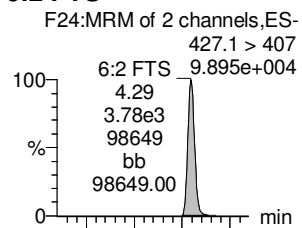
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

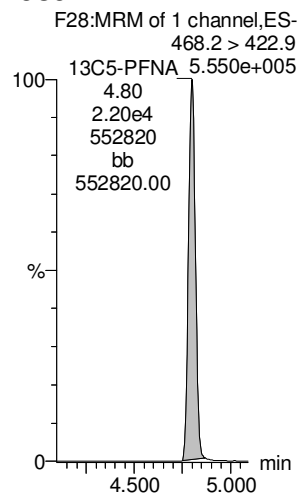
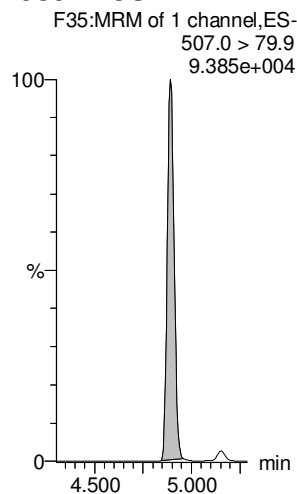
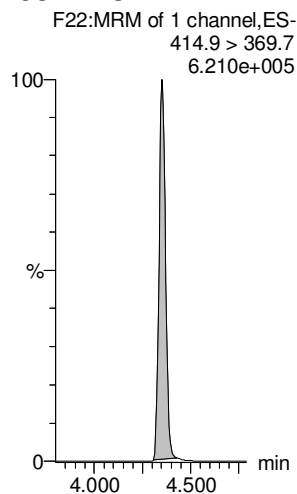
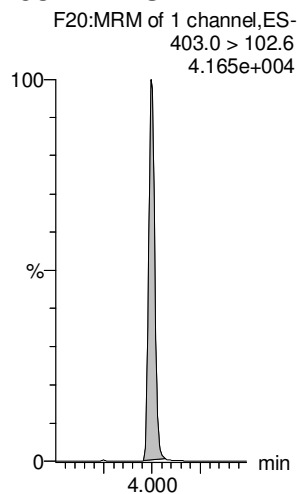
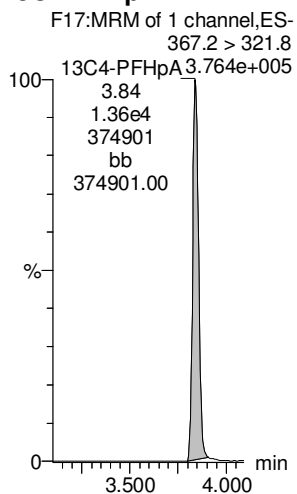
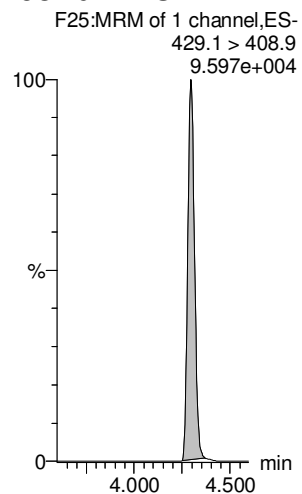
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

PFOSA

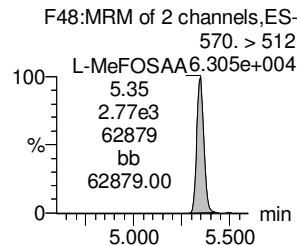
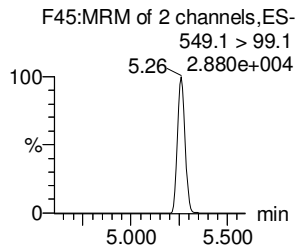
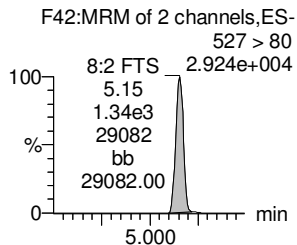
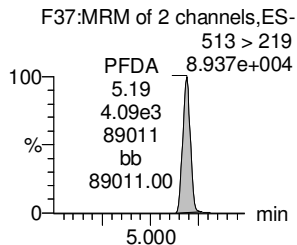
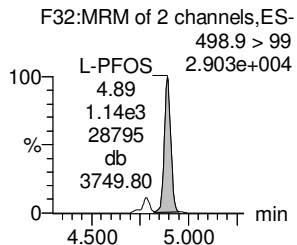
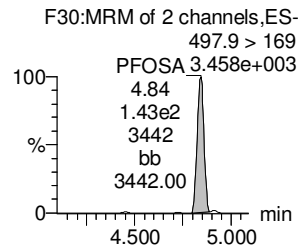
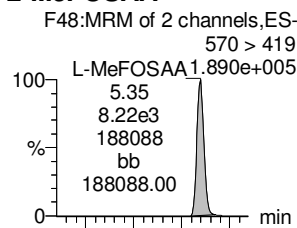
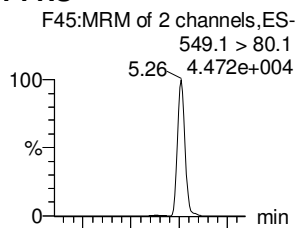
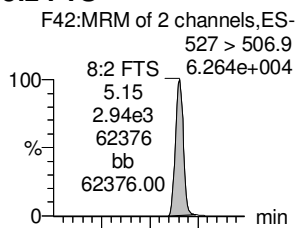
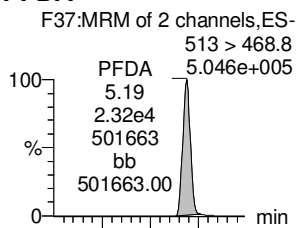
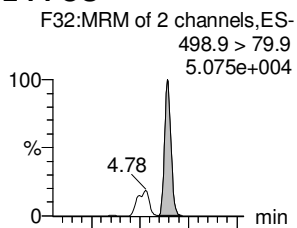
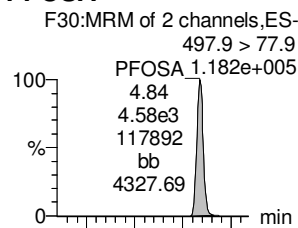
L-PFOS

PFDA

8:2 FTS

PFNS

L-MeFOSAA



13C8-PFOA

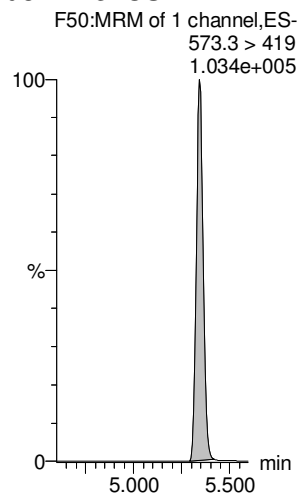
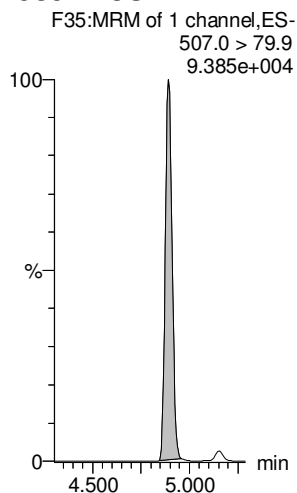
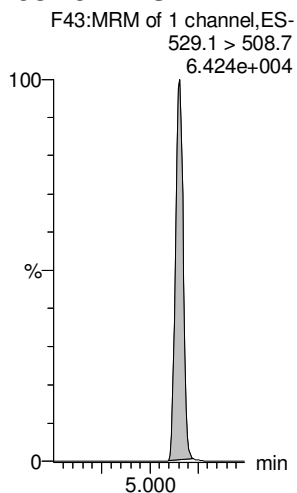
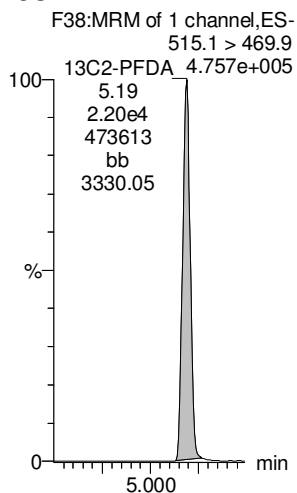
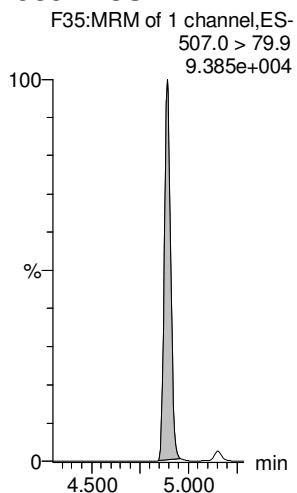
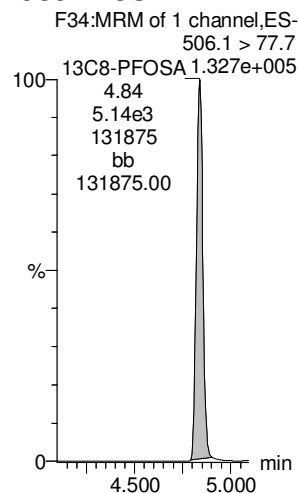
13C8-PFOS

13C2-PFDA

13C2-8:2 FTS

13C8-PFOS

d3-N-MeFOSAA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

L-EtFOSAA

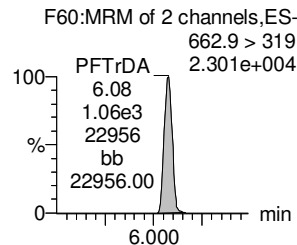
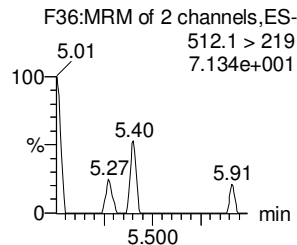
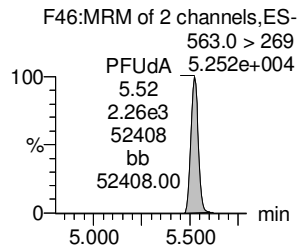
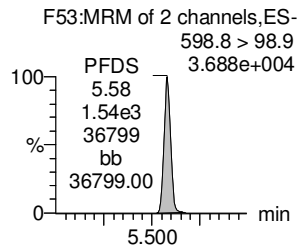
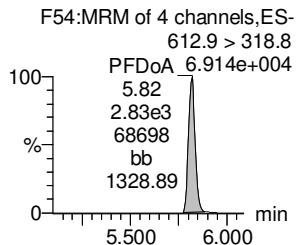
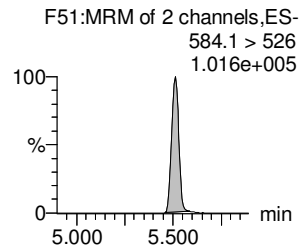
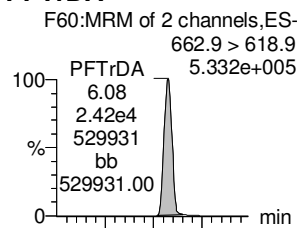
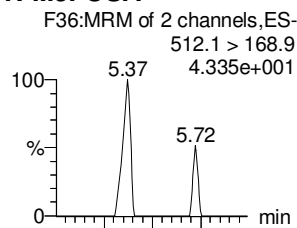
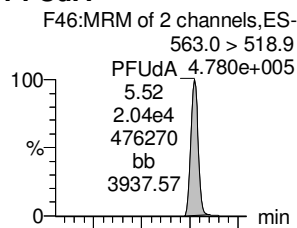
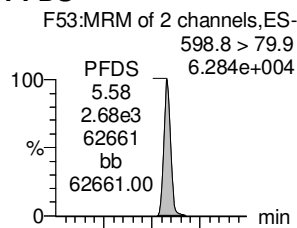
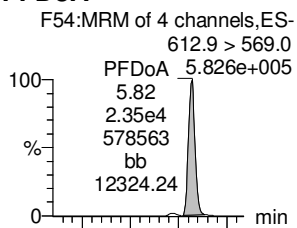
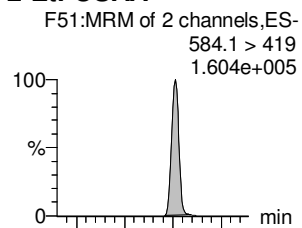
PFDoA

PFDS

PFUdA

N-MeFOSA

PFTrDA



d5-N-EtFOSAA

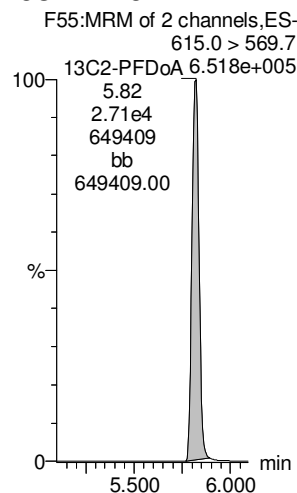
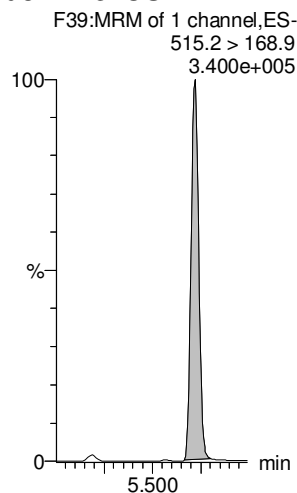
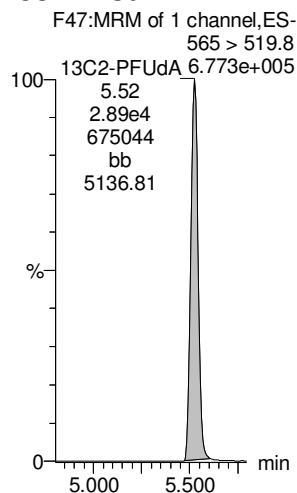
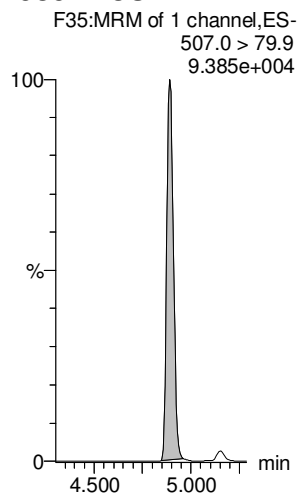
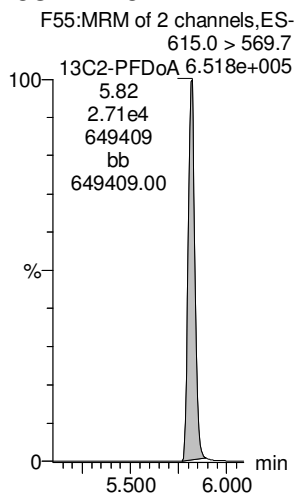
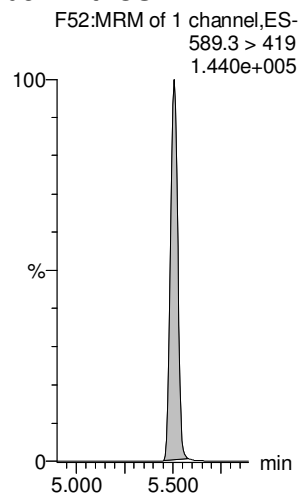
13C2-PFDoA

13C8-PFOS

13C2-PFUdA

d3-N-MeFOSA

13C2-PFDoA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

PFTeDA

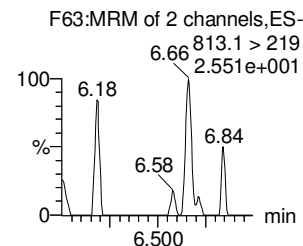
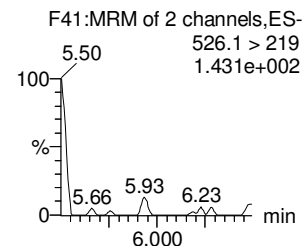
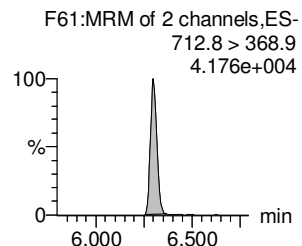
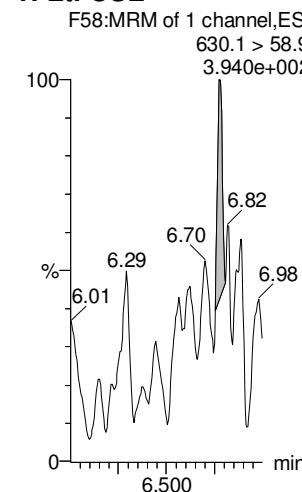
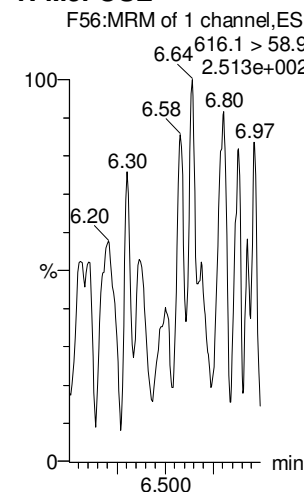
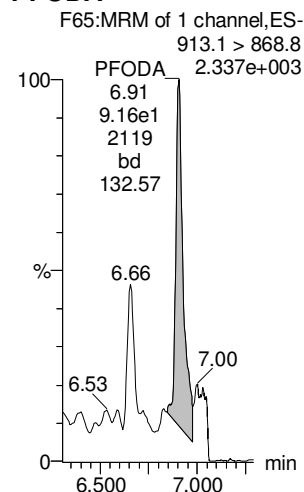
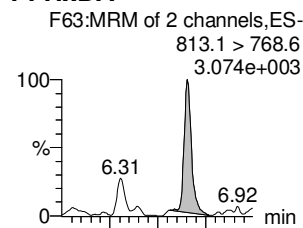
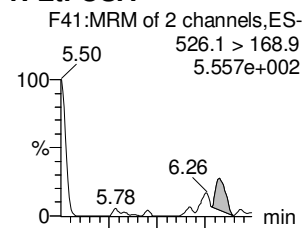
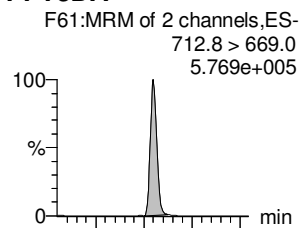
N-EtFOSE

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

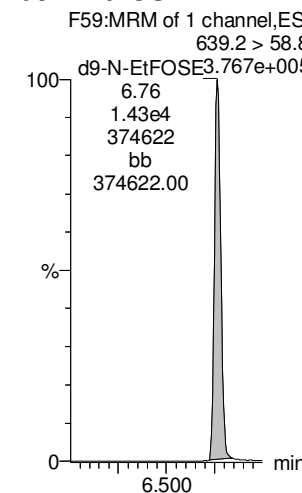
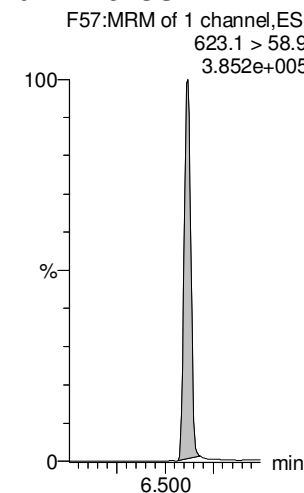
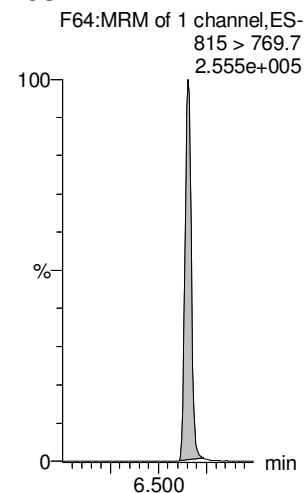
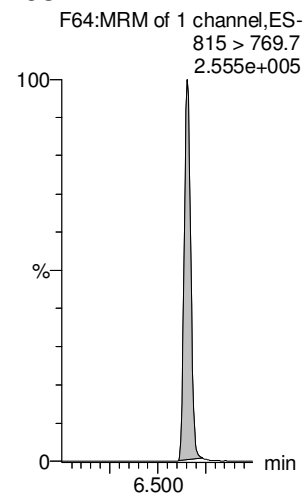
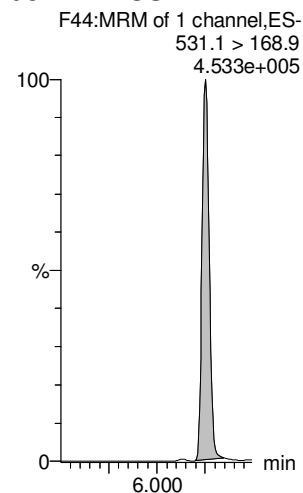
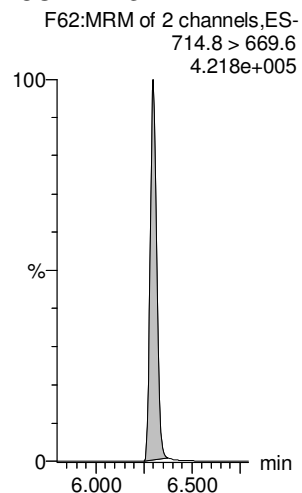
d5-N-ETFOSE

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



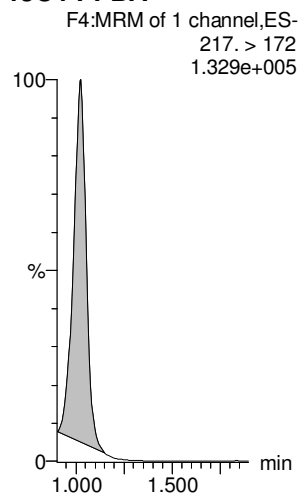
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

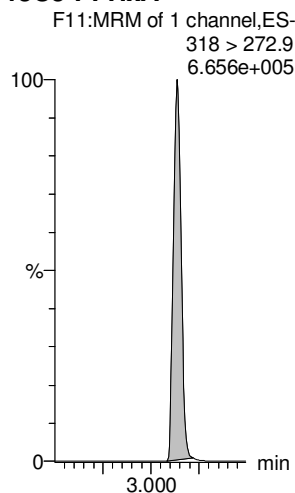
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

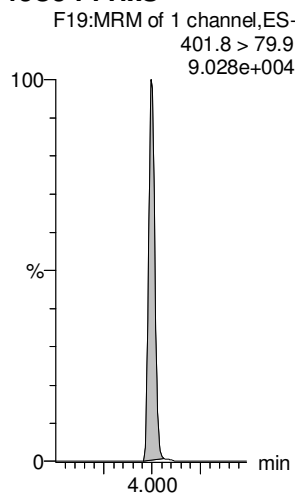
13C4-PFBA



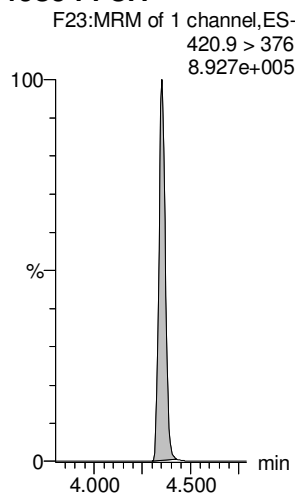
13C5-PFHxA



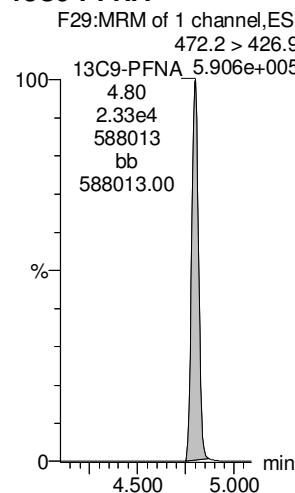
13C3-PFHxS



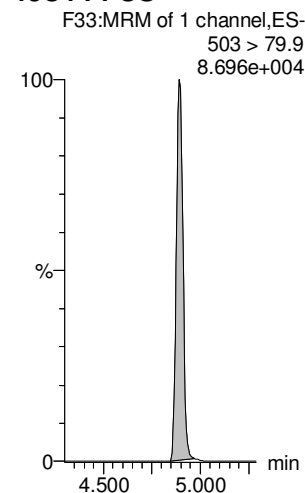
13C8-PFOA



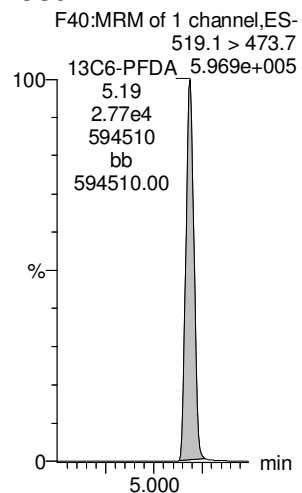
13C9-PFNA



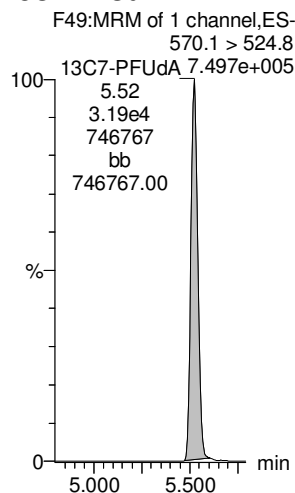
13C4-PFOS



13C6-PFDA



13C7-PFUdA



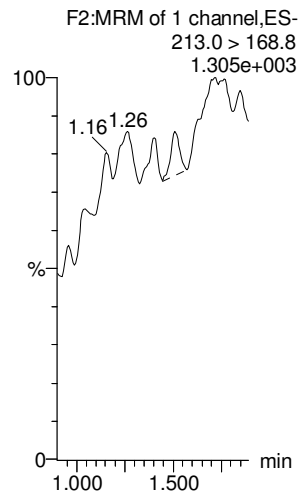
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

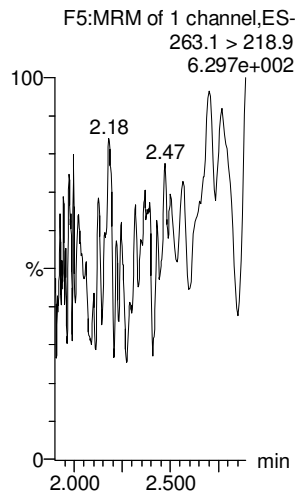
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_14, Date: 17-Oct-2018, Time: 14:25:02, ID: IPA, Description: IPA

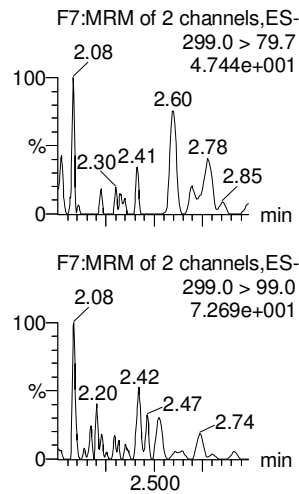
PFBA



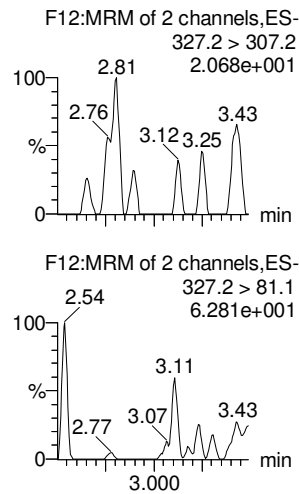
PFPeA



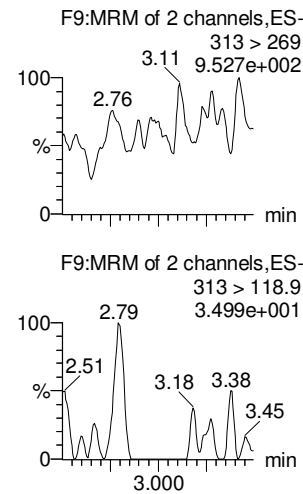
PFBS



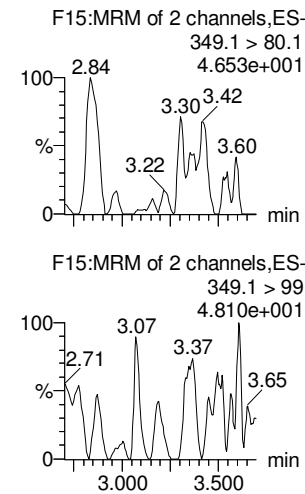
4:2 FTS



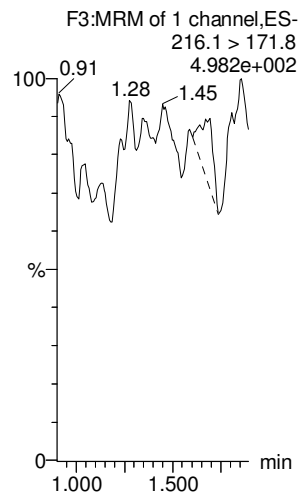
PFHxA



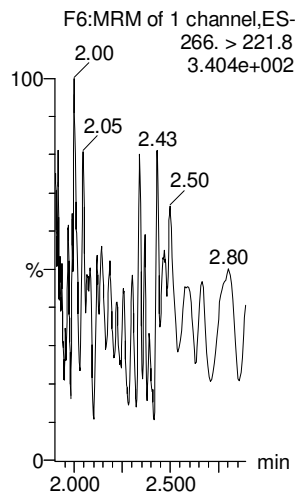
PFPeS



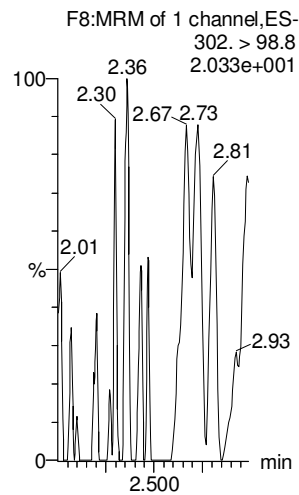
13C3-PFBA



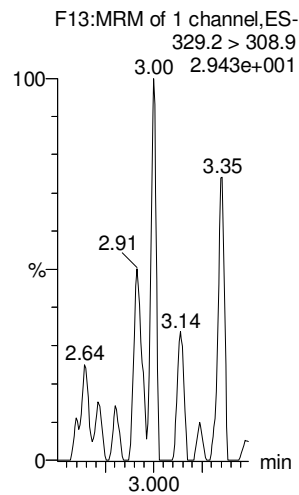
13C3-PFPeA



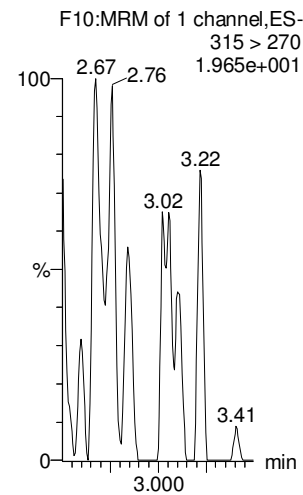
13C3-PFBS



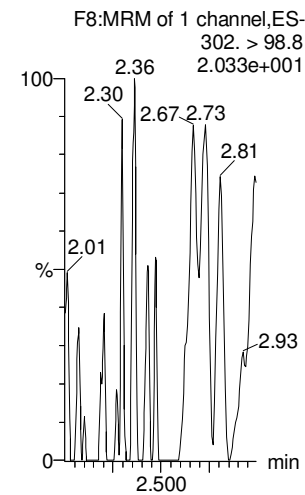
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_14, Date: 17-Oct-2018, Time: 14:25:02, ID: IPA, Description: IPA

6:2 FTS

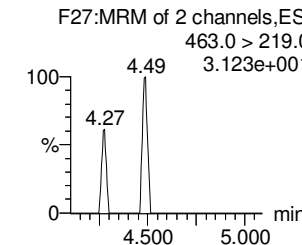
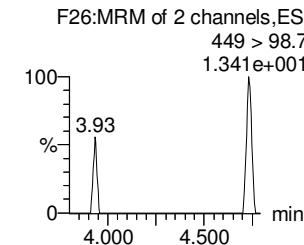
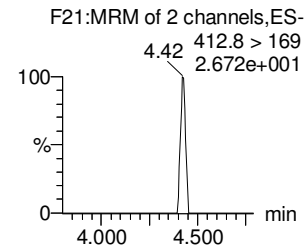
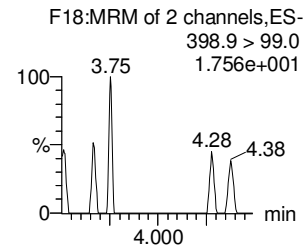
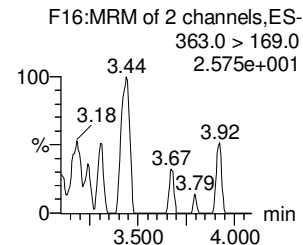
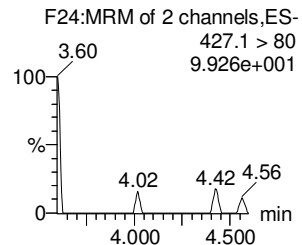
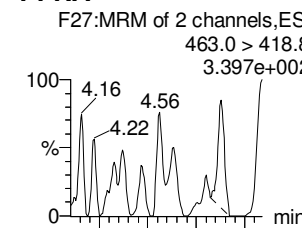
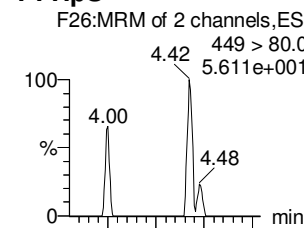
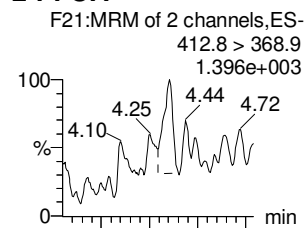
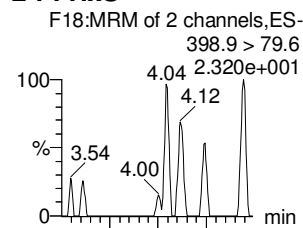
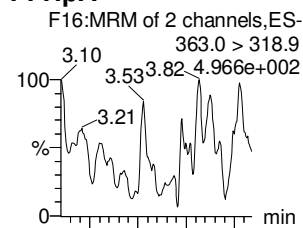
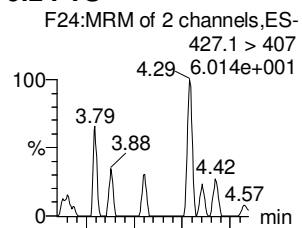
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

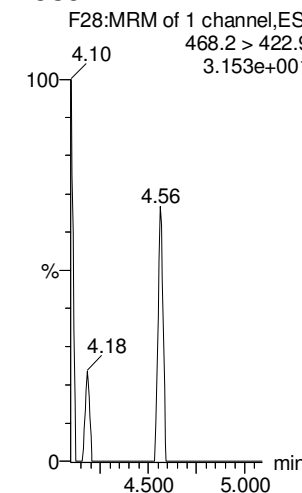
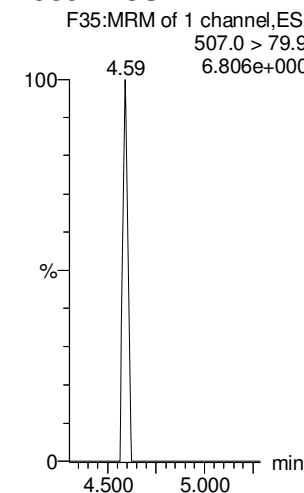
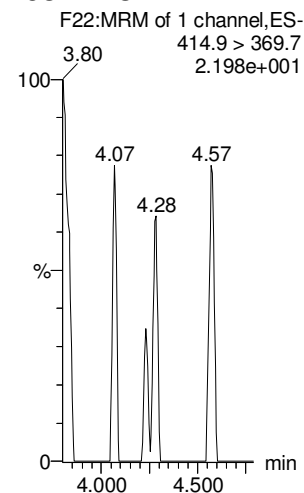
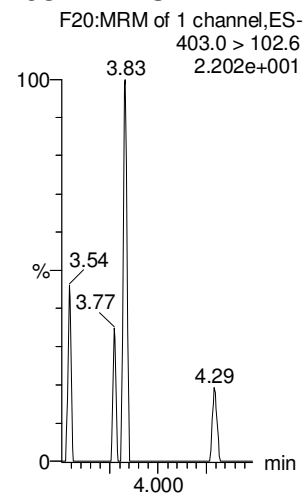
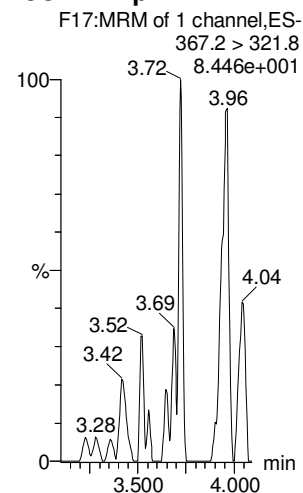
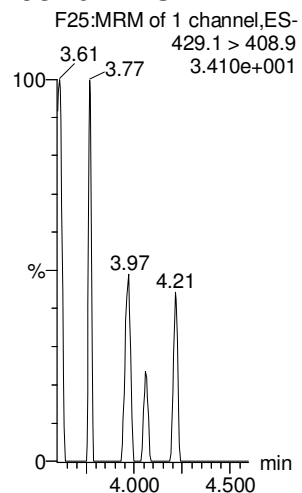
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



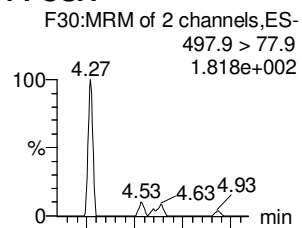
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

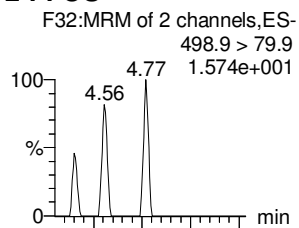
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_14, Date: 17-Oct-2018, Time: 14:25:02, ID: IPA, Description: IPA

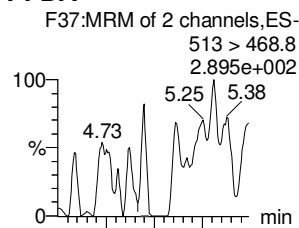
PFOSA



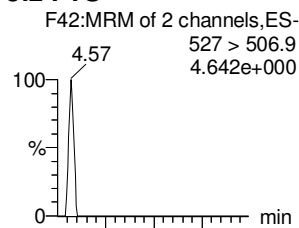
L-PFOS



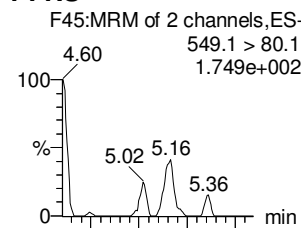
PFDA



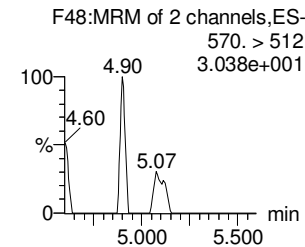
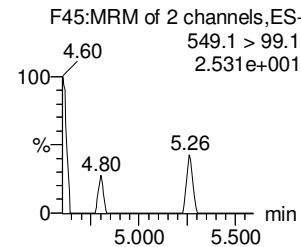
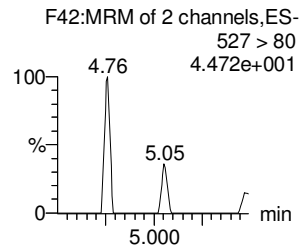
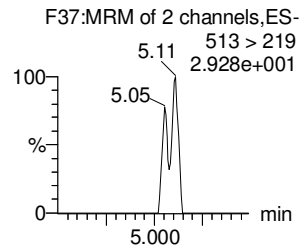
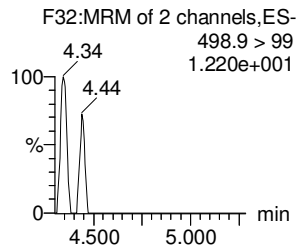
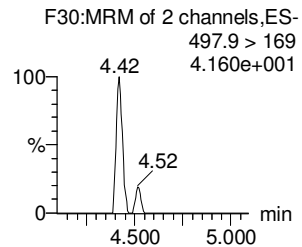
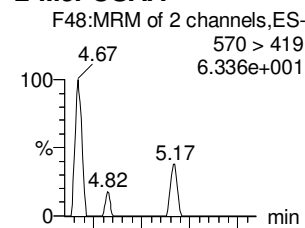
8:2 FTS



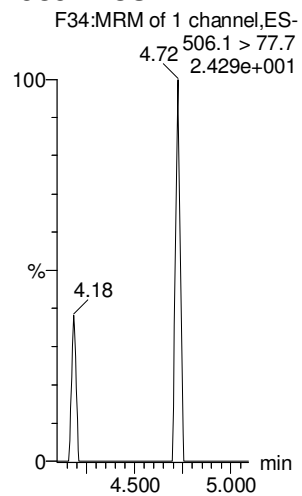
PFNS



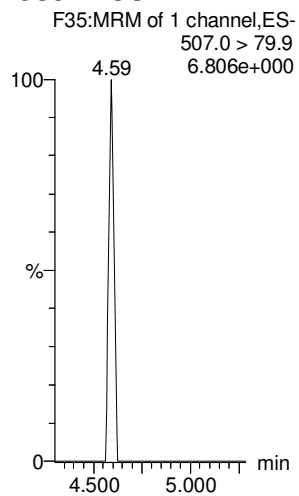
L-MeFOSAA



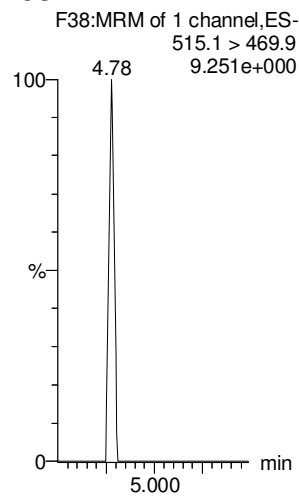
13C8-PFOA



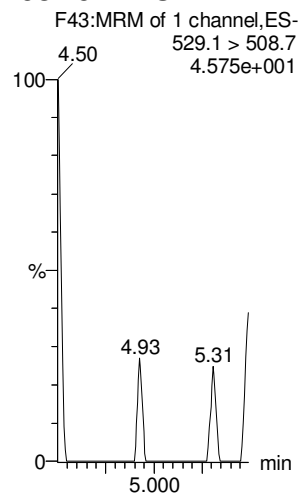
13C8-PFOS



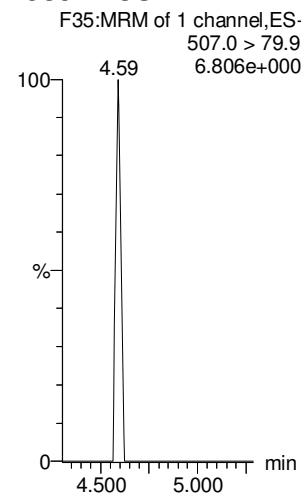
13C2-PFDA



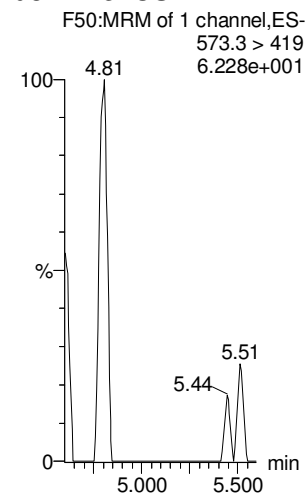
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



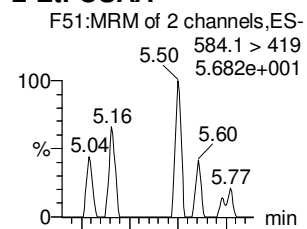
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

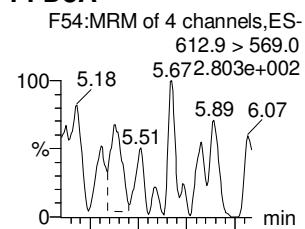
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_14, Date: 17-Oct-2018, Time: 14:25:02, ID: IPA, Description: IPA

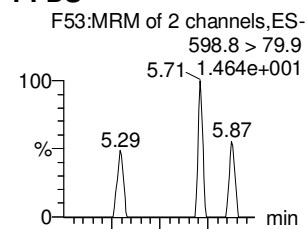
L-EtFOSAA



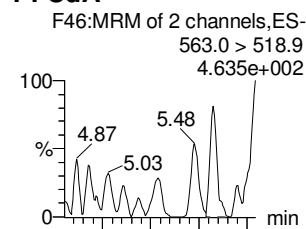
PFDoA



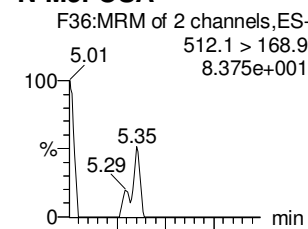
PFDS



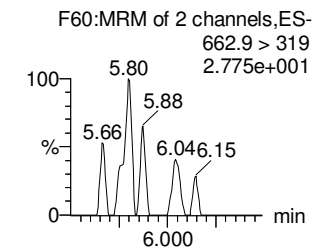
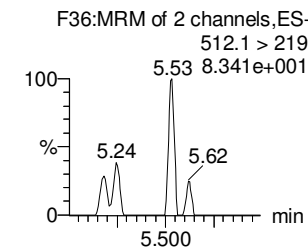
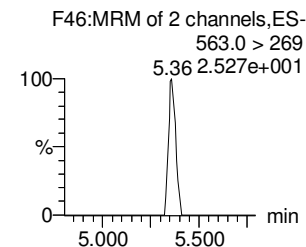
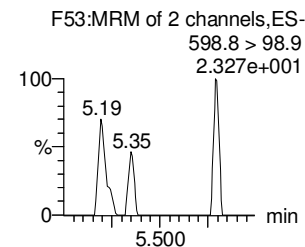
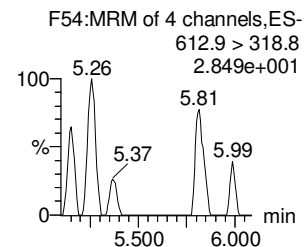
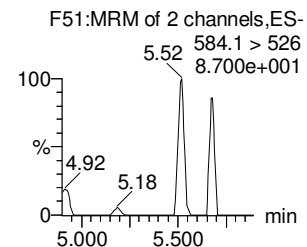
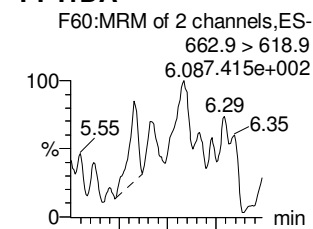
PFUdA



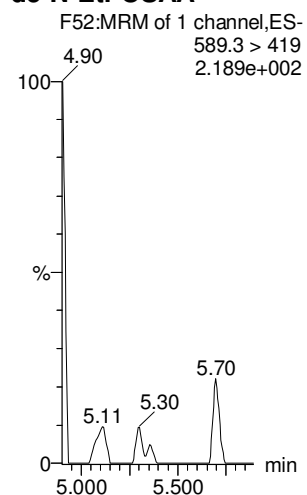
N-MeFOSA



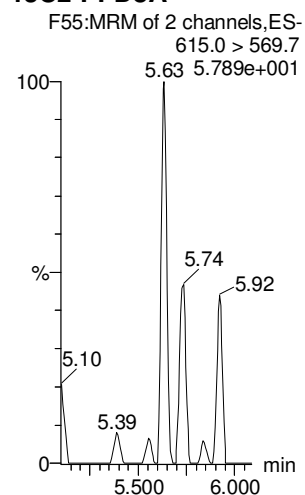
PFTrDA



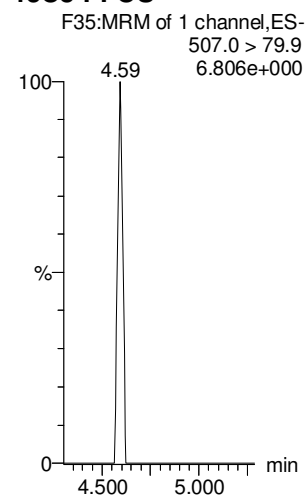
d5-N-EtFOSAA



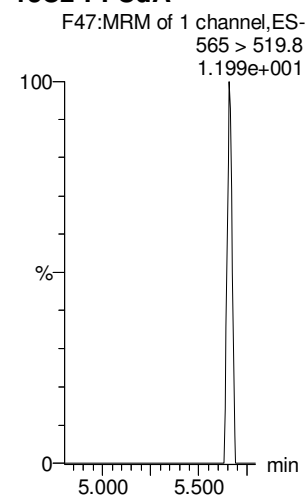
13C2-PFDoA



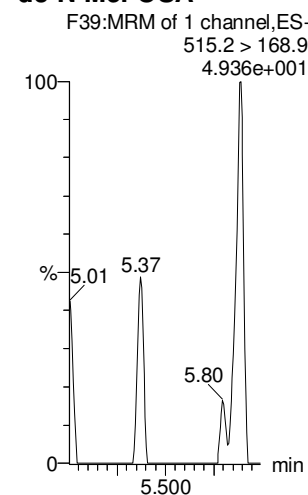
13C8-PFOS



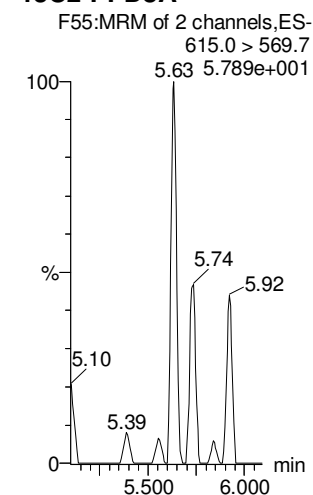
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_14, Date: 17-Oct-2018, Time: 14:25:02, ID: IPA, Description: IPA

PFTeDA

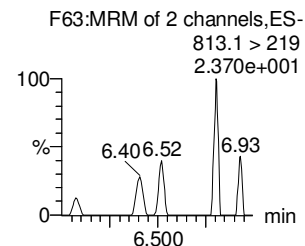
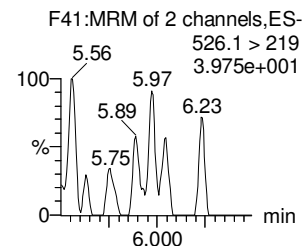
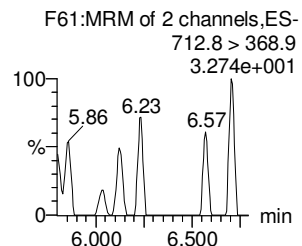
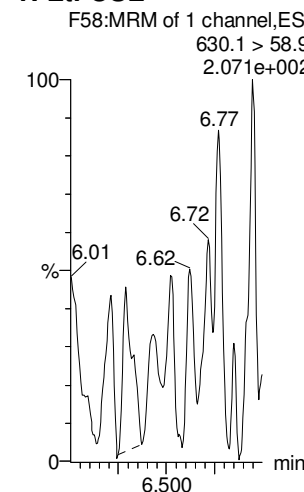
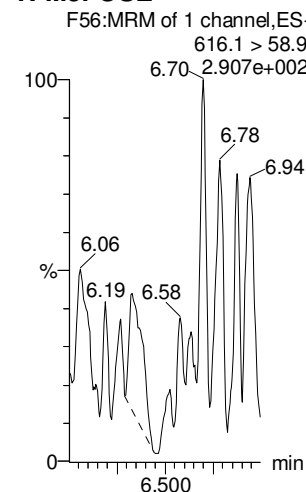
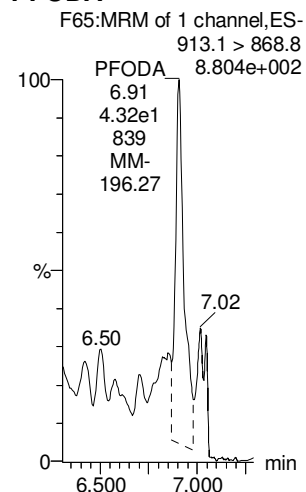
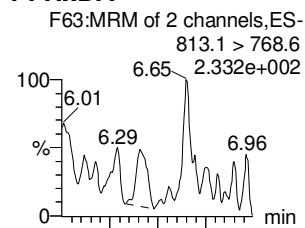
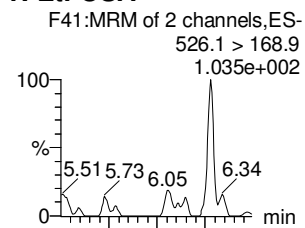
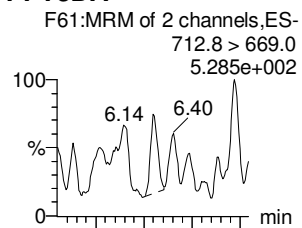
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

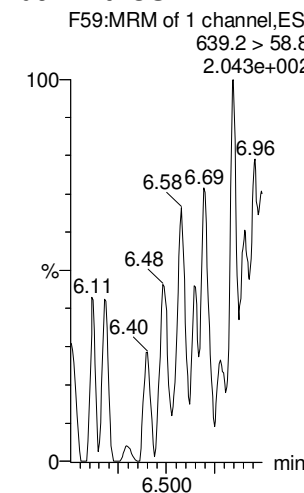
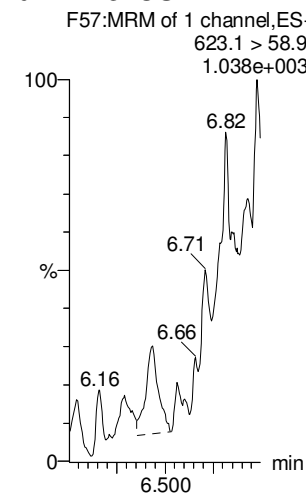
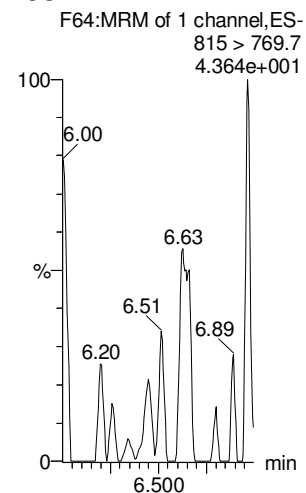
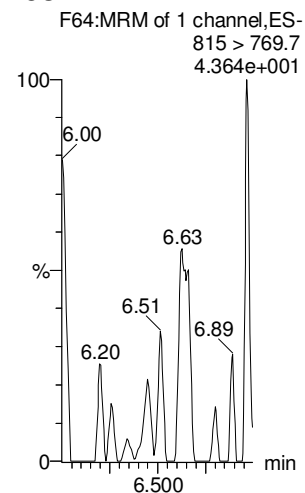
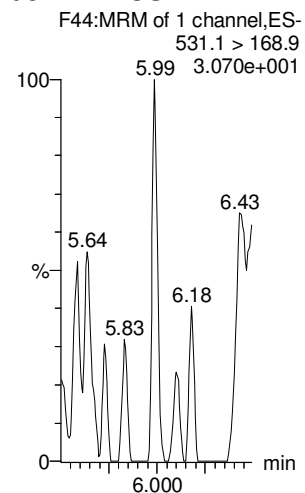
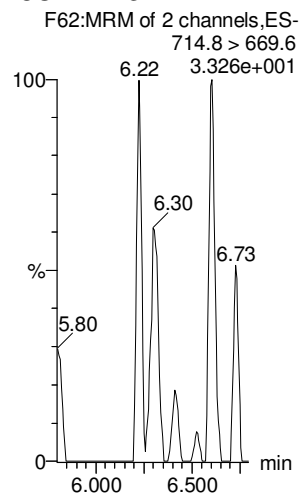
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



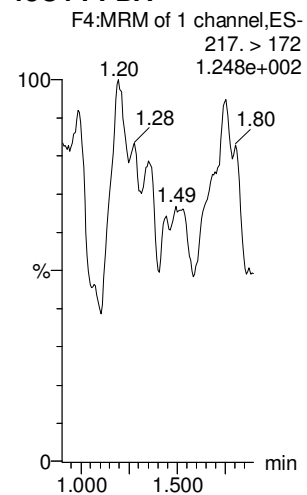
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

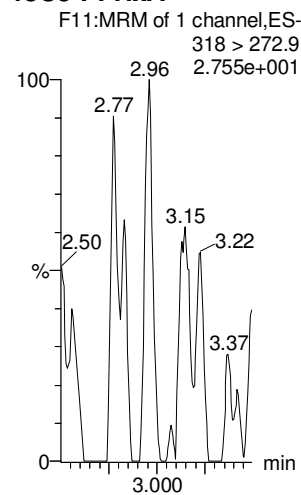
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_14, Date: 17-Oct-2018, Time: 14:25:02, ID: IPA, Description: IPA

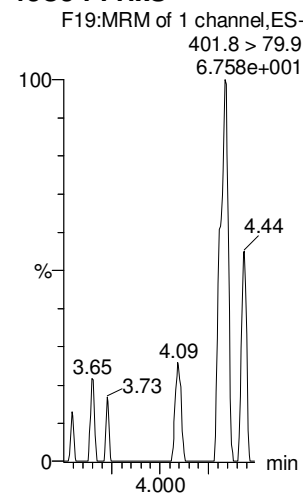
13C4-PFBA



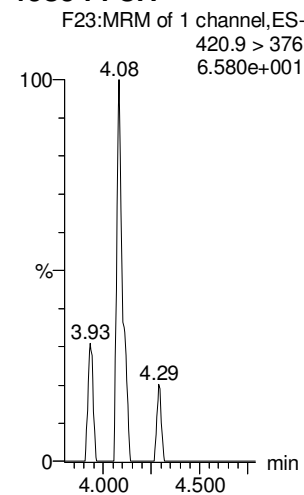
13C5-PFHxA



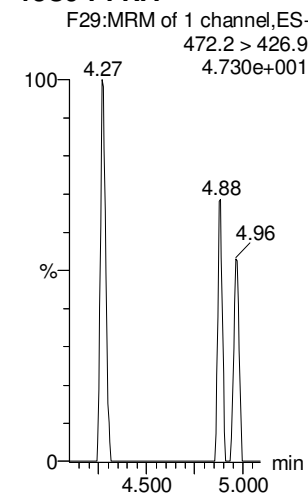
13C3-PFHxS



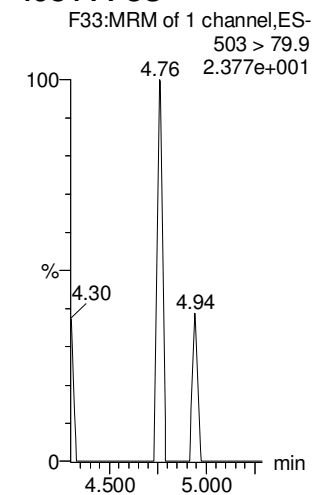
13C8-PFOA



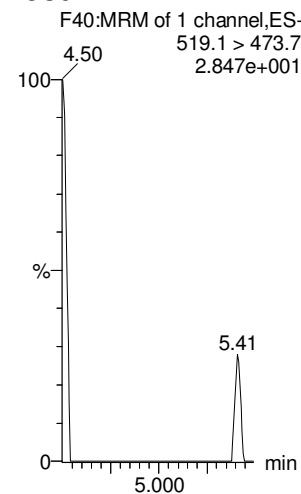
13C9-PFNA



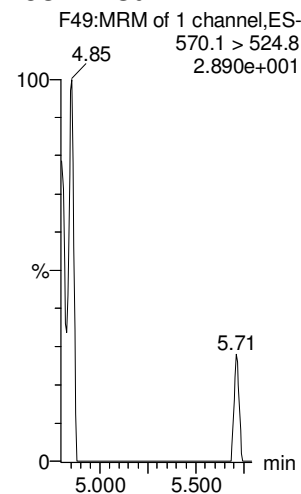
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-15.qld

Last Altered: Thursday, October 18, 2018 13:30:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:31:04 Pacific Daylight Time

Name: 181017M3_15, Date: 17-Oct-2018, Time: 20:59:49, ID: ST181017M3-2 PFC CS3 18J0806, Description: PFC CS3 18J0806

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	7509.748	7419.522	1.00	1.04	12.652	9.8	98.0	NO	
2	2	PFPeA	263.1 > 218.9	12227.504	15416.505	1.00	2.18	9.914	9.9	99.0	NO	
3	3	PFBS	299.0 > 79.7	2795.971	1724.218	1.00	2.56	20.270	10.3	102.6	NO	2.678
4	4	4:2 FTS	327.2>307.2	3571.661	3391.648	1.00	3.07	13.163	10.5	105.1	NO	1.670
5	5	PFHxA	313 > 269	23026.896	10723.054	1.00	3.15	10.737	10.2	101.5	NO	16.055
6	6	PFPeS	349.1>80.1	2589.683	1724.218	1.00	3.40	18.774	10.6	106.2	NO	1.632
7	36	13C3-PFBA	216.1 > 171.8	7419.522	9850.303	1.00	1.03	9.415	12.5	100.2	NO	
8	37	13C3-PFPeA	266. > 221.8	15416.505	30848.217	1.00	2.18	6.247	12.3	98.0	NO	
9	38	13C3-PFBS	302. > 98.8	1724.218	3367.654	1.00	2.56	6.400	12.0	96.0	NO	
10	39	13C2-4:2 FTS	329.2>308.9	3391.648	3367.654	1.00	3.06	12.589	14.4	115.3	NO	
11	40	13C2-PFHxA	315 > 270	10723.054	30848.217	1.00	3.15	4.345	5.0	99.2	NO	
12	38	13C3-PFBS	302. > 98.8	1724.218	3367.654	1.00	2.56	6.400	12.0	96.0	NO	
13	-1											
14	10	6:2 FTS	427.1 > 407	4525.330	3505.227	1.00	4.30	16.138	10.2	102.2	NO	2.971
15	7	PFHpA	363.0 > 318.9	13962.288	13315.240	1.00	3.85	13.107	9.8	97.9	NO	10.857
16	8	L-PFHxS	398.9 > 79.6	2171.109	1480.493	1.00	4.01	18.331	10.1	100.5	NO	1.611
17	11	L-PFOA	412.8 > 368.9	28698.822	23375.914	1.00	4.36	15.346	10.1	101.2	NO	3.426
18	13	PFHpS	449 > 80.0	2761.925	3490.746	1.00	4.48	9.890	10.5	104.7	NO	1.819
19	14	PFNA	463.0 > 418.8	24046.766	22890.270	1.00	4.80	13.132	9.5	95.0	NO	4.050
20	43	13C2-6:2 FTS	429.1 > 408.9	3505.227	3413.595	1.00	4.30	12.836	13.8	110.7	NO	
21	41	13C4-PFHpA	367.2 > 321.8	13315.240	30848.217	1.00	3.85	5.395	12.3	98.1	NO	
22	42	18O2-PFHxS	403.0 > 102.6	1480.493	3367.654	1.00	4.01	5.495	12.3	98.2	NO	
23	44	13C2-PFOA	414.9 > 369.7	23375.914	35178.879	1.00	4.36	8.306	12.1	96.9	NO	
24	47	13C8-PFOS	507.0 > 79.9	3490.746	3413.595	1.00	4.90	12.783	12.4	99.1	NO	
25	45	13C5-PFNA	468.2 > 422.9	22890.270	24634.117	1.00	4.80	11.615	12.5	99.7	NO	
26	-1											
27	15	PFOSA	497.9 > 77.9	4960.873	5120.488	1.00	4.84	12.110	9.8	98.0	NO	25.564
28	16	L-PFOS	498.9 > 79.9	3172.783	3490.746	1.00	4.90	11.361	9.9	99.1	NO	1.930
29	18	PFDA	513 > 468.8	25963.713	21864.414	1.00	5.19	14.844	10.0	100.0	NO	5.472
30	19	8:2 FTS	527 > 506.9	3587.095	2911.519	1.00	5.15	15.400	10.3	103.1	NO	2.448
31	20	PFNS	549.1 > 80.1	2448.558	3490.746	1.00	5.27	8.768	10.3	102.8	NO	1.746
32	21	L-MeFOSAA	570 > 419	8288.128	4434.999	1.00	5.35	23.360	10.0	99.5	NO	2.741
33	46	13C8-PFOSA	506.1 > 77.7	5120.488	32209.967	1.00	4.84	1.987	15.9	127.0	NO	
34	47	13C8-PFOS	507.0 > 79.9	3490.746	3413.595	1.00	4.90	12.783	12.4	99.1	NO	

Handwritten: ✓ VMBF
10/18/18

Handwritten: DM
10/19/18

Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-15.qld

Last Altered: Thursday, October 18, 2018 13:30:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:31:04 Pacific Daylight Time

Name: 181017M3_15, Date: 17-Oct-2018, Time: 20:59:49, ID: ST181017M3-2 PFC CS3 18J0806, Description: PFC CS3 18J0806

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc	%Rec	Recovery ...	Ion Ratio	Ratio Out?
35	48 13C2-PFDA	515.1 > 469.9	21864.414	28641.221	1.00	5.19	9.542	12.1	96.6	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	2911.519	3413.595	1.00	5.16	10.661	14.4	115.3	NO		
37	47 13C8-PFOS	507.0 > 79.9	3490.746	3413.595	1.00	4.90	12.783	12.4	99.1	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	4434.999	32209.967	1.00	5.35	1.721	13.0	103.9	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	7158.898	5903.838	1.00	5.52	15.157	10.8	108.1	NO	1.536	NO
41	27 PFDaA	612.9 > 569.0	25609.479	26035.736	1.00	5.83	12.295	10.0	99.9	NO	7.998	NO
42	26 PFDS	598.8 > 79.9	3102.697	3490.746	1.00	5.58	11.110	10.9	108.9	NO	1.717	NO
43	25 PFUDa	563.0 > 518.9	22943.535	28999.332	1.00	5.53	9.890	9.9	99.0	NO	8.327	NO
44	28 N-MeFOSA	512.1 > 168.9	5667.955	15292.038	1.00	5.68	55.597	49.6	99.2	NO	1.603	NO
45	29 PFTTrDA	662.9 > 618.9	27921.277	26035.736	1.00	6.08	13.405	10.8	107.9	NO	22.555	NO
46	52 d5-N-EtFOSAA	589.3 > 419	5903.838	32209.967	1.00	5.51	2.291	13.2	105.4	NO		
47	53 13C2-PFDaA	615.0 > 569.7	26035.736	28641.221	1.00	5.82	11.363	11.6	93.1	NO		
48	47 13C8-PFOS	507.0 > 79.9	3490.746	3413.595	1.00	4.90	12.783	12.4	99.1	NO		
49	51 13C2-PFUdA	565 > 519.8	28999.332	32209.967	1.00	5.53	11.254	12.4	99.5	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	15292.038	32209.967	1.00	5.72	5.935	163.5	109.0	NO		
51	53 13C2-PFDaA	615.0 > 569.7	26035.736	28641.221	1.00	5.82	11.363	11.6	93.1	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	24854.479	16383.144	1.00	6.30	18.963	10.2	101.6	NO	13.716	NO
54	31 N-EtFOSA	526.1 > 168.9	6075.735	19713.547	1.00	6.23	46.230	50.3	100.5	NO	1.577	NO
55	32 PFHxDA	813.1 > 768.6	10576.078	9741.132	1.00	6.66	5.429	9.6	96.2	NO	20.460	NO
56	33 PFODA	913.1 > 868.8	16042.228	9741.132	1.00	6.91	8.234	9.7	96.6	NO		
57	34 N-MeFOSE	616.1 > 58.9	5097.147	15507.758	1.00	6.63	49.303	46.3	92.7	NO		
58	35 N-EtFOSE	630.1 > 58.9	5953.402	14443.407	1.00	6.79	61.828	49.3	98.5	NO		
59	55 13C2-PFTeDA	714.8 > 669.6	16383.144	32209.967	1.00	6.30	6.358	12.3	98.1	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	19713.547	32209.967	1.00	6.26	7.650	154.5	103.0	NO		
61	57 13C2-PFHxDA	815 > 769.7	9741.132	32209.967	1.00	6.66	3.780	4.9	97.5	NO		
62	57 13C2-PFHxDA	815 > 769.7	9741.132	32209.967	1.00	6.66	3.780	4.9	97.5	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	15507.758	32209.967	1.00	6.62	6.018	168.1	112.1	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	14443.407	32209.967	1.00	6.78	5.605	161.3	107.5	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	9850.303	9850.303	1.00	1.03	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	30848.217	30848.217	1.00	3.15	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	3367.654	3367.654	1.00	4.01	12.500	12.5	100.0	NO		

Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-15.qld

Last Altered: Thursday, October 18, 2018 13:30:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:31:04 Pacific Daylight Time

Name: 181017M3_15, Date: 17-Oct-2018, Time: 20:59:49, ID: ST181017M3-2 PFC CS3 18J0806, Description: PFC CS3 18J0806

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
69	63 13C8-PFOA	420.9 > 376	35178.879	35178.879	1.00	4.36	12.500	12.5	100.0		NO	
70	64 13C9-PFNA	472.2 > 426.9	24634.117	24634.117	1.00	4.80	12.500	12.5	100.0		NO	
71	65 13C4-PFOS	503 > 79.9	3413.595	3413.595	1.00	4.90	12.500	12.5	100.0		NO	
72	66 13C6-PFDA	519.1 > 473.7	28641.221	28641.221	1.00	5.19	12.500	12.5	100.0		NO	
73	67 13C7-PFUdA	570.1 > 524.8	32209.967	32209.967	1.00	5.53	12.500	12.5	100.0		NO	

Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:43:24 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:43:49 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 11:51:35

Compound name: PFBA

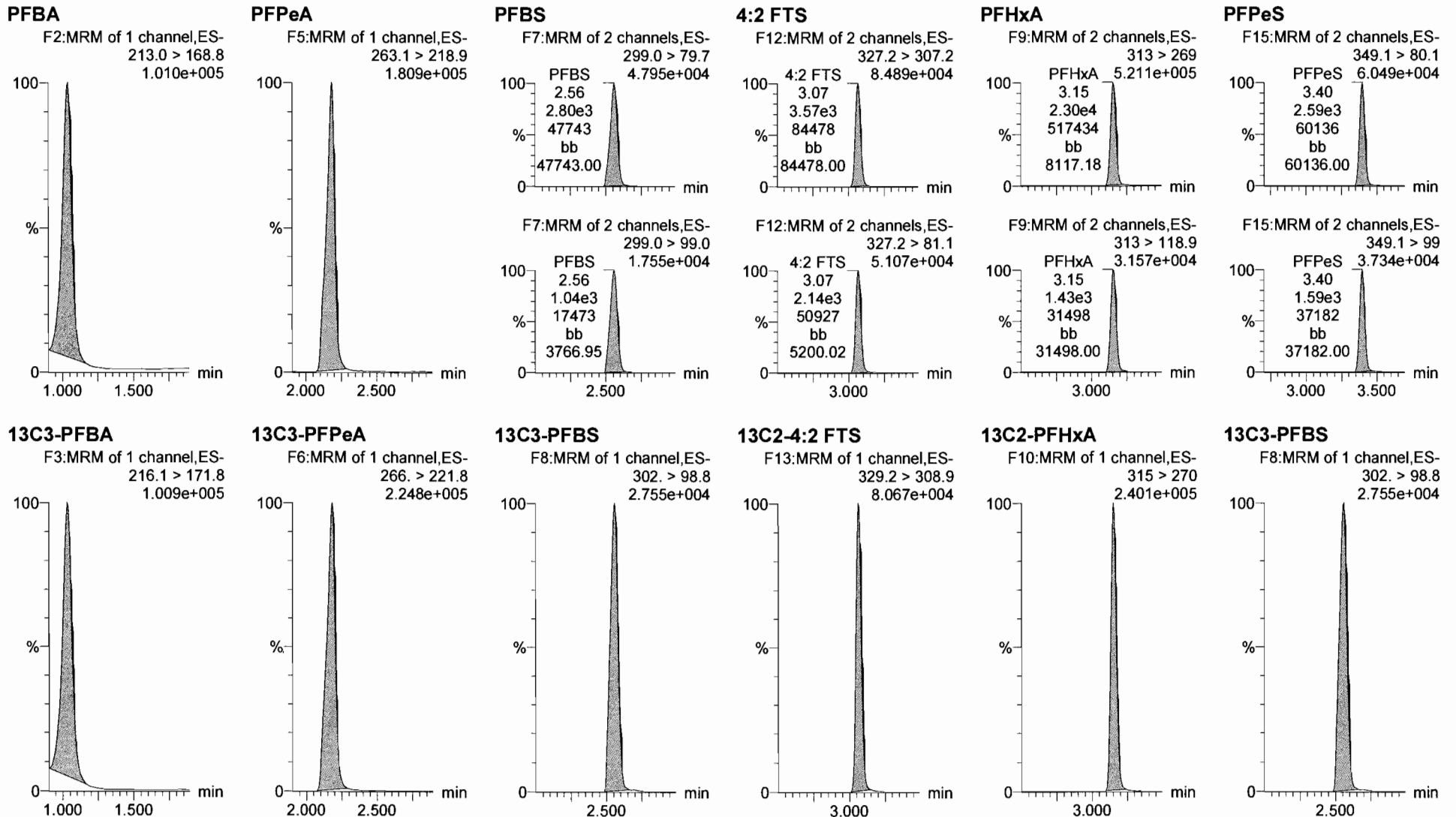
#	Name	ID	Acq.Date	Acq.Time
1	1 181017M3_1	IPA	17-Oct-18	18:31:24
2	2 181017M3_2	ST181017M3-1 PFC CS0 18J0803	17-Oct-18	18:41:57
3	3 181017M3_3	1803187-06 GW1809261230GC 0.24888	17-Oct-18	18:52:36
4	4 181017M3_4	1803187-07 GW1809261405SK 0.25701	17-Oct-18	19:03:09
5	5 181017M3_5	1803187-08 GW1809261455SK 0.25772	17-Oct-18	19:13:48
6	6 181017M3_6	1803187-09 GW1809261550SK 0.24749	17-Oct-18	19:24:26
7	7 181017M3_7	1803187-10 GW1809261650SK 0.25291	17-Oct-18	19:34:59
8	8 181017M3_8	1803187-11 GW1809270950GC 0.24795	17-Oct-18	19:45:38
9	9 181017M3_9	1803187-12 GW1809271050GC 0.25731	17-Oct-18	19:56:11
10	10 181017M3_10	1803187-13 FB1809271530GC 0.25779	17-Oct-18	20:06:49
11	11 181017M3_11	1803187-14 GW1809271535GC-FD 0.25368	17-Oct-18	20:17:27
12	12 181017M3_12	1803187-15 GW1809271535GC 0.2494	17-Oct-18	20:28:00
13	13 181017M3_13	1803187-16 GW1809271635GC 0.25076	17-Oct-18	20:38:38
14	14 181017M3_14	IPA	17-Oct-18	20:49:11
15	15 181017M3_15	ST181017M3-2 PFC CS3 18J0806	17-Oct-18	20:59:49
16	16 181017M3_16	B8J0128-BS1 OPR 0.125	17-Oct-18	21:10:23
17	17 181017M3_17	B8J0128-BSD1 LCSD 0.125	17-Oct-18	21:21:01
18	18 181017M3_18	B8J0128-BLK1 Method Blank 0.125	17-Oct-18	21:31:33
19	19 181017M3_19	1803297-01 OC-RW12-1018 0.11506	17-Oct-18	21:42:04
20	20 181017M3_20	1803297-02 OC-FB12-1018 0.11767	17-Oct-18	21:52:43
21	21 181017M3_21	1803297-03 OC-RW06-1018 0.11513	17-Oct-18	22:03:21
22	22 181017M3_22	1803297-04 OC-FB06-1018 0.11712	17-Oct-18	22:13:55
23	23 181017M3_23	1803322-01 CEW-EFF-11OCT2018 0.11756	17-Oct-18	22:24:33
24	24 181017M3_24	1803322-02 CEW-INTER2-11OCT2018 0.12008	17-Oct-18	22:35:06
25	25 181017M3_25	1803322-03 CEW-INTER1-11OCT2018 0.11498	17-Oct-18	22:45:44
26	26 181017M3_26	1803322-04 CEW-INF-11OCT2018 0.11891	17-Oct-18	22:56:17
27	27 181017M3_27	IPA	17-Oct-18	23:06:55
28	28 181017M3_28	ST181017M3-3 PFC CS3 18J0806	17-Oct-18	23:17:29

Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-15.qld

Last Altered: Thursday, October 18, 2018 13:30:00 Pacific Daylight Time
Printed: Thursday, October 18, 2018 13:31:04 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 13:13:00

Name: 181017M3_15, Date: 17-Oct-2018, Time: 20:59:49, ID: ST181017M3-2 PFC CS3 18J0806, Description: PFC CS3 18J0806

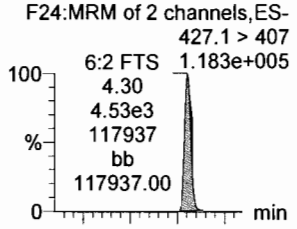


Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-15.qld

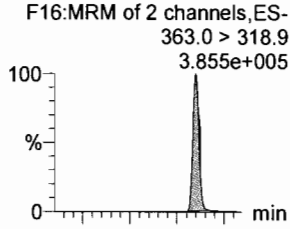
Last Altered: Thursday, October 18, 2018 13:30:00 Pacific Daylight Time
Printed: Thursday, October 18, 2018 13:31:04 Pacific Daylight Time

Name: 181017M3_15, Date: 17-Oct-2018, Time: 20:59:49, ID: ST181017M3-2 PFC CS3 18J0806, Description: PFC CS3 18J0806

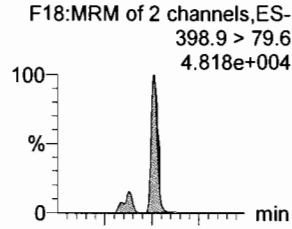
6:2 FTS



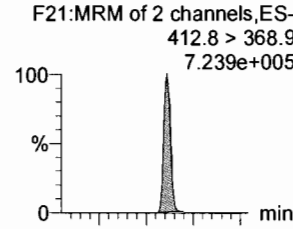
PFHpA



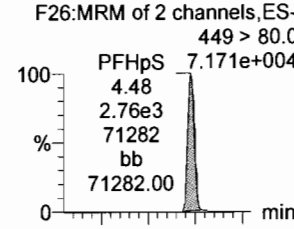
L-PFHxS



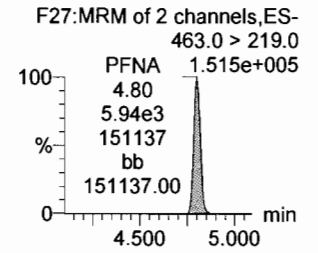
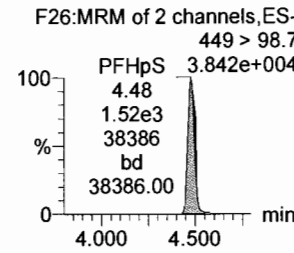
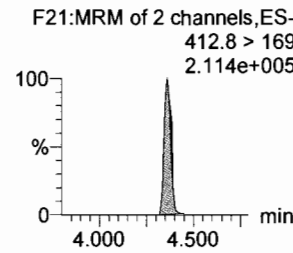
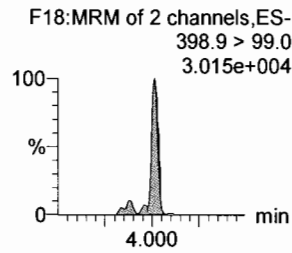
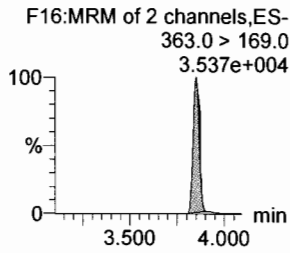
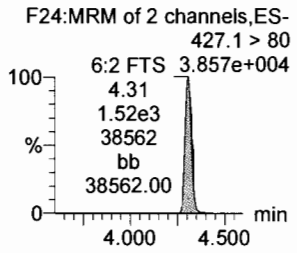
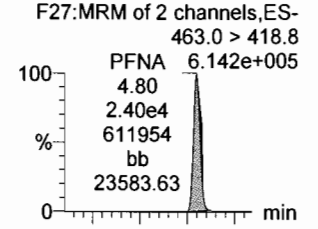
L-PFOA



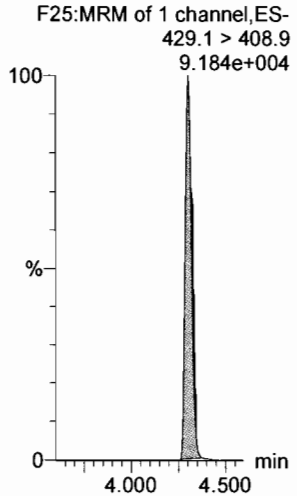
PFHpS



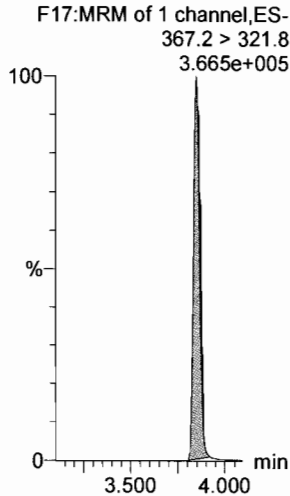
PFNA



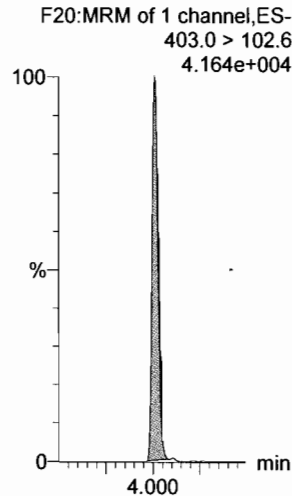
13C2-6:2 FTS



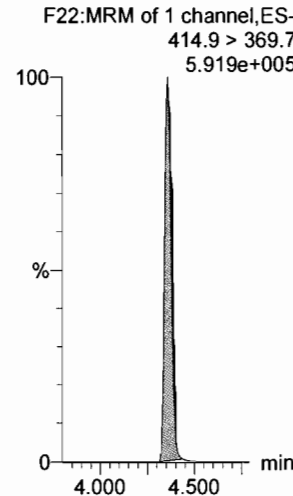
13C4-PFHpA



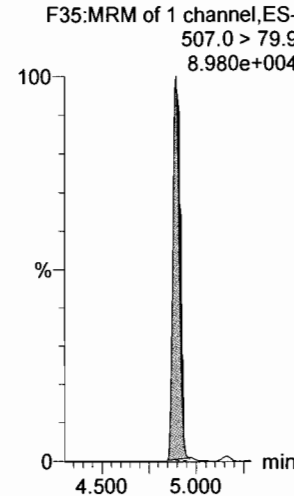
18O2-PFHxS



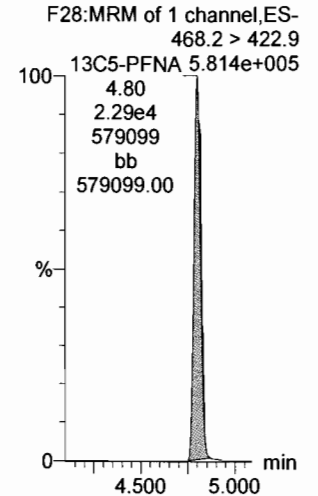
13C2-PFOA



13C8-PFOS



13C5-PFNA



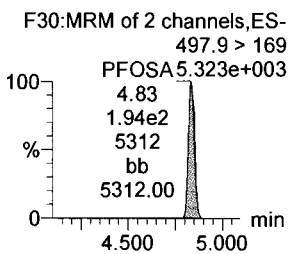
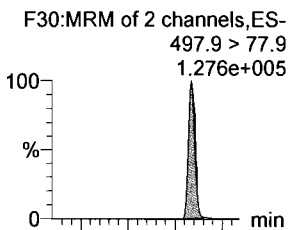
Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-15.qld

Last Altered: Thursday, October 18, 2018 13:30:00 Pacific Daylight Time

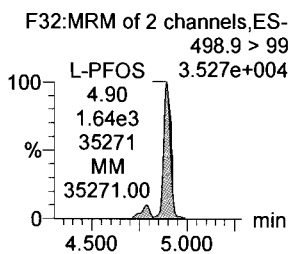
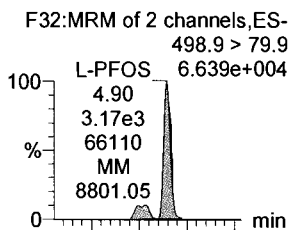
Printed: Thursday, October 18, 2018 13:31:04 Pacific Daylight Time

Name: 181017M3_15, Date: 17-Oct-2018, Time: 20:59:49, ID: ST181017M3-2 PFC CS3 18J0806, Description: PFC CS3 18J0806

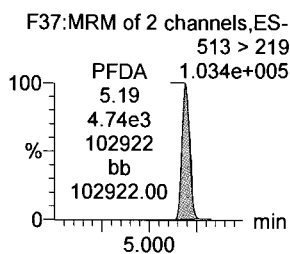
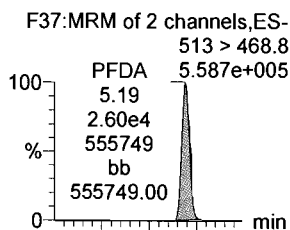
PFOSA



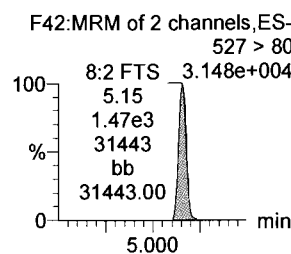
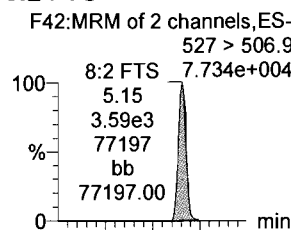
L-PFOS



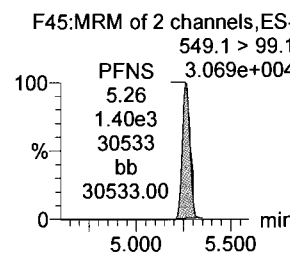
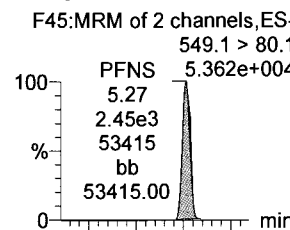
PFDA



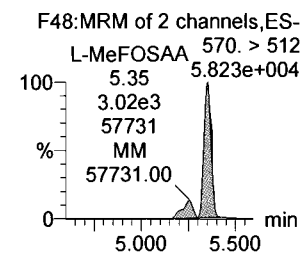
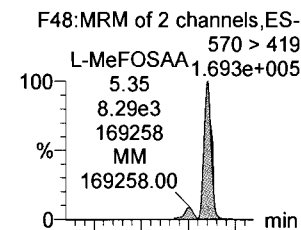
8:2 FTS



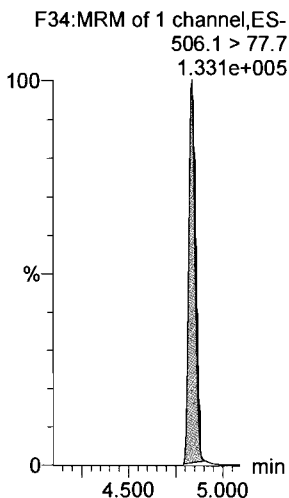
PFNS



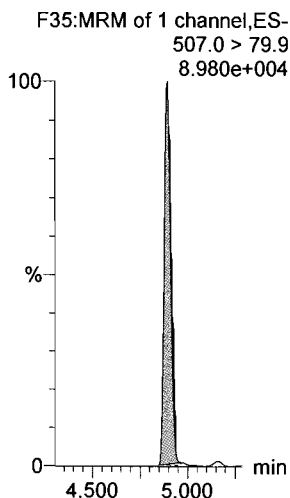
L-MeFOSAA



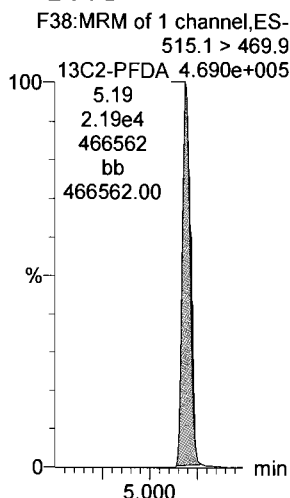
13C8-PFOSA



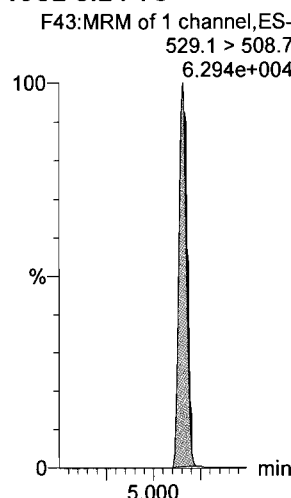
13C8-PFOS



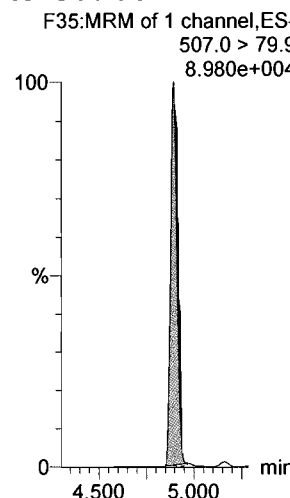
13C2-PFDA



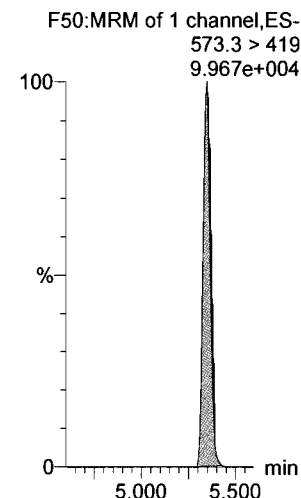
13C2-8:2 FTS



13C8-PFOS



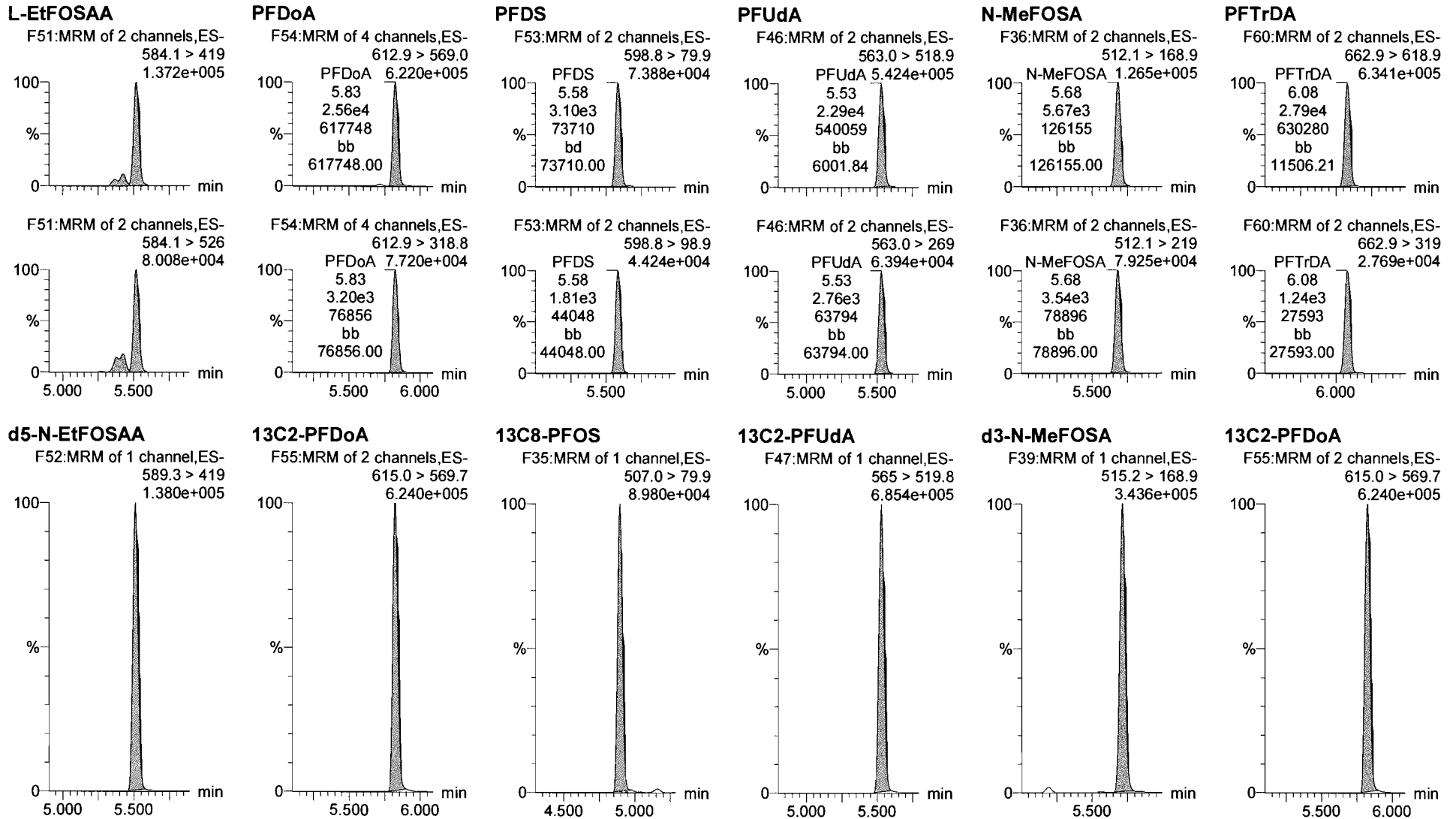
d3-N-MeFOSAA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-15.qld

Last Altered: Thursday, October 18, 2018 13:30:00 Pacific Daylight Time
Printed: Thursday, October 18, 2018 13:31:04 Pacific Daylight Time

Name: 181017M3_15, Date: 17-Oct-2018, Time: 20:59:49, ID: ST181017M3-2 PFC CS3 18J0806, Description: PFC CS3 18J0806



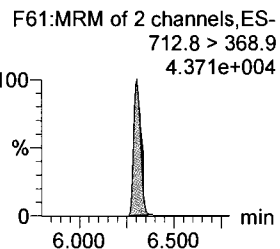
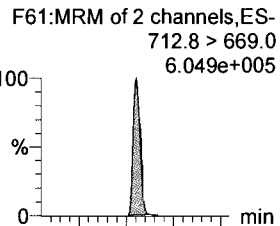
Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-15.qld

Last Altered: Thursday, October 18, 2018 13:30:00 Pacific Daylight Time

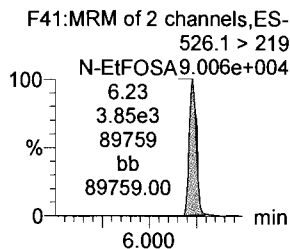
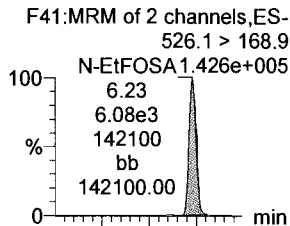
Printed: Thursday, October 18, 2018 13:31:04 Pacific Daylight Time

Name: 181017M3_15, Date: 17-Oct-2018, Time: 20:59:49, ID: ST181017M3-2 PFC CS3 18J0806, Description: PFC CS3 18J0806

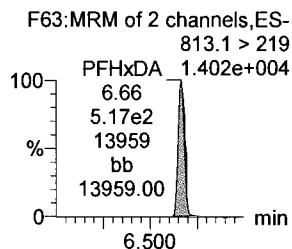
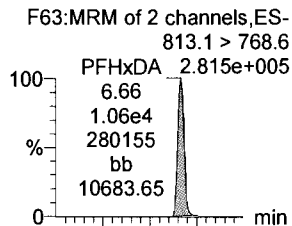
PFTeDA



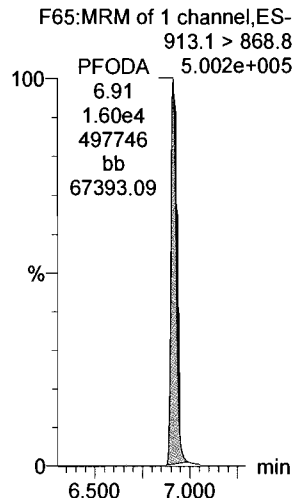
N-EtFOSA



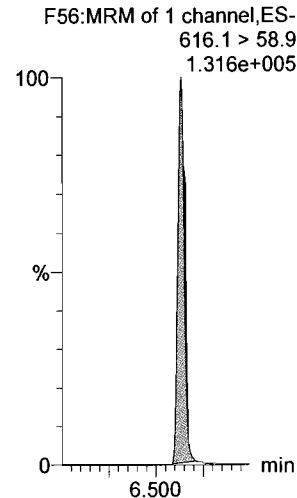
PFHxDA



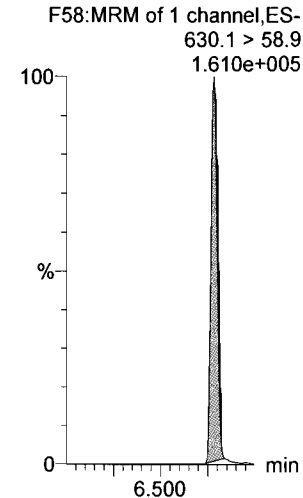
PFODA



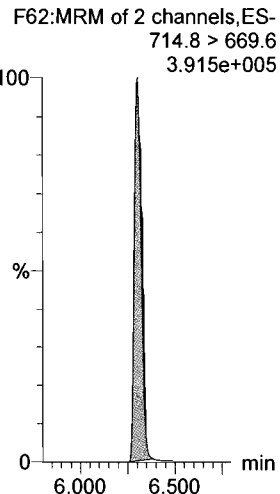
N-MeFOSE



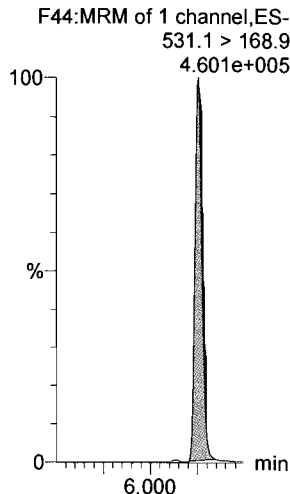
N-EtFOSE



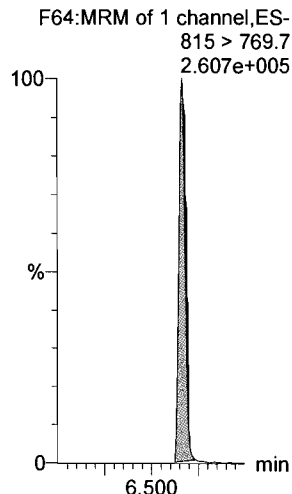
13C2-PFTeDA



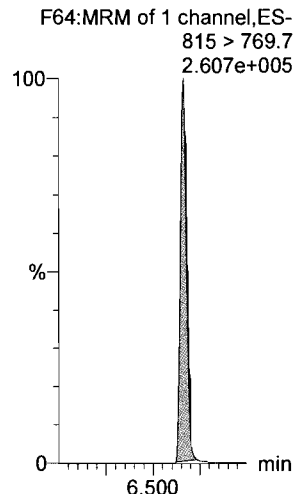
d5-N-ETFOSA



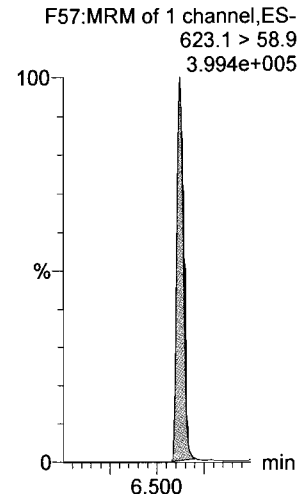
13C2-PFHxDA



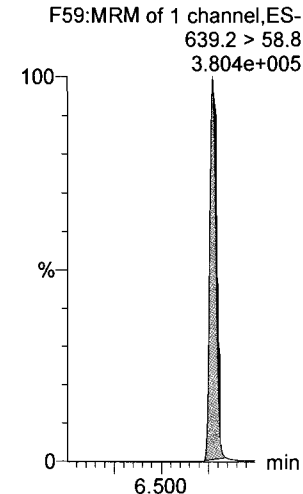
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-15.qld

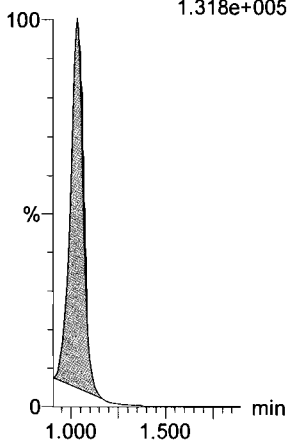
Last Altered: Thursday, October 18, 2018 13:30:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:31:04 Pacific Daylight Time

Name: 181017M3_15, Date: 17-Oct-2018, Time: 20:59:49, ID: ST181017M3-2 PFC CS3 18J0806, Description: PFC CS3 18J0806

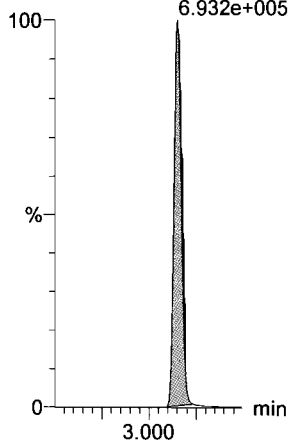
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.318e+005



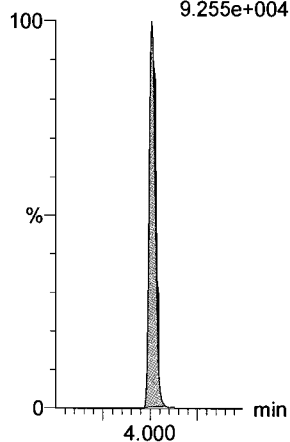
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
6.932e+005



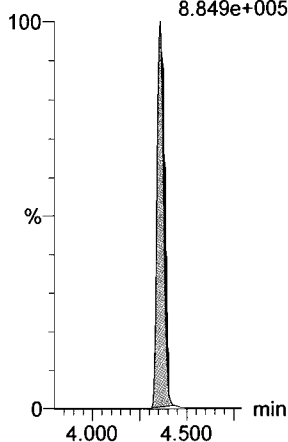
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
9.255e+004



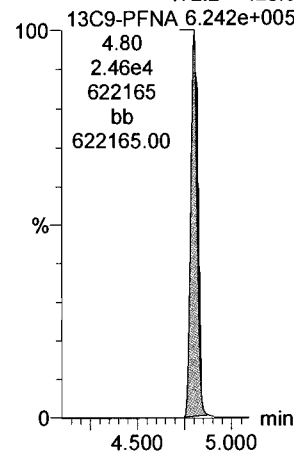
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
8.849e+005



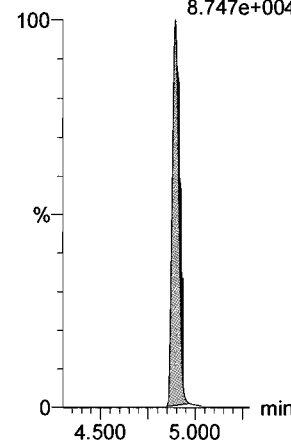
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.242e+005



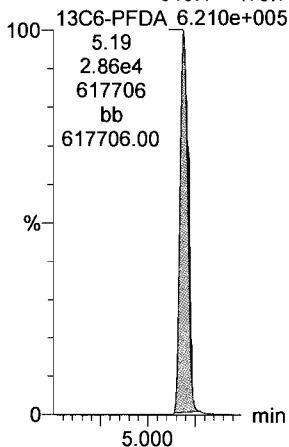
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
8.747e+004



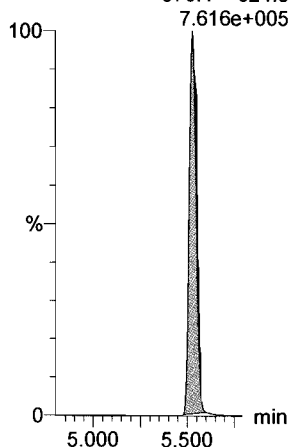
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
6.210e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.616e+005



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\1801017M3-28.qld

Last Altered: Thursday, October 18, 2018 13:32:04 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:32:20 Pacific Daylight Time

Name: 181017M3_28, Date: 17-Oct-2018, Time: 23:17:29, ID: ST181017M3-3 PFC CS3 18J0806, Description: PFC CS3 18J0806

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	7755.684	7604.898	1.00	1.04	12.748	9.9	98.7	NO		
2	2 PFPeA	263.1 > 218.9	12406.550	15850.599	1.00	2.19	9.784	9.8	97.7	NO		
3	3 PFBS	299.0 > 79.7	2921.766	1858.928	1.00	2.56	19.647	9.9	99.4	NO	2.751	NO
4	4 4:2 FTS	327.2>307.2	3674.582	3503.996	1.00	3.07	13.109	10.5	104.6	NO	1.728	NO
5	5 PFHxA	313 > 269	23841.404	10716.963	1.00	3.15	11.123	10.5	105.2	NO	16.138	NO
6	6 PFPeS	349.1>80.1	2618.706	1858.928	1.00	3.40	17.609	10.0	99.6	NO	1.582	NO
7	36 13C3-PFBA	216.1 > 171.8	7604.898	10168.634	1.00	1.03	9.348	12.4	99.5	NO		
8	37 13C3-PFPeA	266. > 221.8	15850.599	31019.641	1.00	2.19	6.387	12.5	100.2	NO		
9	38 13C3-PFBS	302. > 98.8	1858.928	3504.004	1.00	2.56	6.631	12.4	99.5	NO		
10	39 13C2-4:2 FTS	329.2>308.9	3503.996	3504.004	1.00	3.07	12.500	14.3	114.5	NO		
11	40 13C2-PFHxA	315 > 270	10716.963	31019.641	1.00	3.15	4.319	4.9	98.6	NO		
12	38 13C3-PFBS	302. > 98.8	1858.928	3504.004	1.00	2.56	6.631	12.4	99.5	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	4774.605	3605.726	1.00	4.30	16.552	10.5	104.9	NO	3.050	NO
15	7 PFHpA	363.0 > 318.9	13895.930	13368.620	1.00	3.85	12.993	9.7	97.0	NO	10.439	NO
16	8 L-PFHxS	398.9 > 79.6	2241.928	1486.557	1.00	4.01	18.852	10.3	103.4	NO	1.637	NO
17	11 L-PFOA	412.8 > 368.9	29964.221	24415.633	1.00	4.36	15.341	10.1	101.2	NO	3.680	NO
18	13 PFHpS	449 > 80.0	2754.509	3766.908	1.00	4.48	9.140	9.7	96.8	NO	1.827	NO
19	14 PFNA	463.0 > 418.8	23844.543	23316.990	1.00	4.80	12.783	9.2	92.4	NO	3.857	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	3605.726	3472.189	1.00	4.30	12.981	14.0	111.9	NO		
21	41 13C4-PFHpA	367.2 > 321.8	13368.620	31019.641	1.00	3.85	5.387	12.2	98.0	NO		
22	42 18O2-PFHxS	403.0 > 102.6	1486.557	3504.004	1.00	4.01	5.303	11.8	94.8	NO		
23	44 13C2-PFOA	414.9 > 369.7	24415.633	38035.121	1.00	4.36	8.024	11.7	93.6	NO		
24	47 13C8-PFOS	507.0 > 79.9	3766.908	3472.189	1.00	4.89	13.561	13.1	105.1	NO		
25	45 13C5-PFNA	468.2 > 422.9	23316.990	24376.418	1.00	4.80	11.957	12.8	102.6	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	4970.913	5122.742	1.00	4.83	12.130	9.8	98.2	NO	30.819	NO
28	16 L-PFOS	498.9 > 79.9	3418.167	3766.908	1.00	4.89	11.343	9.9	99.0	NO	2.106	NO
29	18 PFDA	513 > 468.8	27239.830	22153.746	1.00	5.19	15.370	10.4	103.6	NO	5.628	NO
30	19 8:2 FTS	527 > 506.9	3565.824	2838.723	1.00	5.15	15.702	10.5	105.2	NO	2.425	NO
31	20 PFNS	549.1 > 80.1	2464.883	3766.908	1.00	5.26	8.179	9.6	96.0	NO	1.556	NO
32	21 L-MeFOSAA	570 > 419	8365.855	4740.434	1.00	5.35	22.060	9.4	94.0	NO	2.591	NO
33	46 13C8-PFOA	506.1 > 77.7	5122.742	33011.973	1.00	4.83	1.940	15.5	123.9	NO		
34	47 13C8-PFOS	507.0 > 79.9	3766.908	3472.189	1.00	4.89	13.561	13.1	105.1	NO		

Handwritten signature
10/18/18

Handwritten signature
10/18/18

Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\1801017M3-28.qld

Last Altered: Thursday, October 18, 2018 13:32:04 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:32:20 Pacific Daylight Time

Name: 181017M3_28, Date: 17-Oct-2018, Time: 23:17:29, ID: ST181017M3-3 PFC CS3 18J0806, Description: PFC CS3 18J0806

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
35	48 13C2-PFDA	515.1 > 469.9	22153.746	28908.572	1.00	5.19	9.579	12.1	97.0	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	2838.723	3472.189	1.00	5.15	10.220	13.8	110.6	NO		
37	47 13C8-PFOS	507.0 > 79.9	3766.908	3472.189	1.00	4.89	13.561	13.1	105.1	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	4740.434	33011.973	1.00	5.34	1.795	13.6	108.4	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	7095.738	6619.518	1.00	5.51	13.399	9.5	95.5	NO	1.424	NO
41	27 PFDoA	612.9 > 569.0	27124.734	26829.576	1.00	5.82	12.638	10.3	102.7	NO	8.222	NO
42	26 PFDS	598.8 > 79.9	3108.123	3766.908	1.00	5.58	10.314	10.1	101.1	NO	1.641	NO
43	25 PFUdA	563.0 > 518.9	23941.355	30340.900	1.00	5.52	9.863	9.9	98.8	NO	8.754	NO
44	28 N-MeFOSA	512.1 > 168.9	5669.257	15265.365	1.00	5.68	55.707	49.7	99.4	NO	1.474	NO
45	29 PFTTrDA	662.9 > 618.9	28197.570	26829.576	1.00	6.08	13.137	10.6	105.8	NO	22.558	NO
46	52 d5-N-EtFOSAA	589.3 > 419	6619.518	33011.973	1.00	5.51	2.506	14.4	115.3	NO		
47	53 13C2-PFDoA	615.0 > 569.7	26829.576	28908.572	1.00	5.82	11.601	11.9	95.0	NO		
48	47 13C8-PFOS	507.0 > 79.9	3766.908	3472.189	1.00	4.89	13.561	13.1	105.1	NO		
49	51 13C2-PFUdA	565 > 519.8	30340.900	33011.973	1.00	5.52	11.489	12.7	101.6	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	15265.365	33011.973	1.00	5.71	5.780	159.3	106.2	NO		
51	53 13C2-PFDoA	615.0 > 569.7	26829.576	28908.572	1.00	5.82	11.601	11.9	95.0	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	25064.127	16206.885	1.00	6.30	19.331	10.4	103.6	NO	13.857	NO
54	31 N-EtFOSA	526.1 > 168.9	6106.389	19979.502	1.00	6.23	45.845	49.8	99.7	NO	1.569	NO
55	32 PFHxDA	813.1 > 768.6	10309.917	9825.765	1.00	6.66	5.246	9.3	92.9	NO	17.125	NO
56	33 PFODA	913.1 > 868.8	16459.498	9825.765	1.00	6.91	8.376	9.8	98.2	NO		
57	34 N-MeFOSE	616.1 > 58.9	5340.613	15687.582	1.00	6.63	51.065	48.0	96.0	NO		
58	35 N-EtFOSE	630.1 > 58.9	6202.159	14854.678	1.00	6.77	62.628	49.9	99.8	NO		
59	55 13C2-PFTeDA	714.8 > 669.6	16206.885	33011.973	1.00	6.30	6.137	11.8	94.7	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	19979.502	33011.973	1.00	6.25	7.565	152.7	101.8	NO		
61	57 13C2-PFHxDA	815 > 769.7	9825.765	33011.973	1.00	6.66	3.721	4.8	96.0	NO		
62	57 13C2-PFHxDA	815 > 769.7	9825.765	33011.973	1.00	6.66	3.721	4.8	96.0	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	15687.582	33011.973	1.00	6.62	5.940	165.9	110.6	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	14854.678	33011.973	1.00	6.76	5.625	161.9	107.9	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	10168.634	10168.634	1.00	1.03	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	31019.641	31019.641	1.00	3.15	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	3504.004	3504.004	1.00	4.01	12.500	12.5	100.0	NO		

Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-28.qld

Last Altered: Thursday, October 18, 2018 13:32:04 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:32:20 Pacific Daylight Time

Name: 181017M3_28, Date: 17-Oct-2018, Time: 23:17:29, ID: ST181017M3-3 PFC CS3 18J0806, Description: PFC CS3 18J0806

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
69	63 13C8-PFOA	420.9 > 376	38035.121	38035.121	1.00	4.36	12.500	12.5	100.0	NO		
70	64 13C9-PFNA	472.2 > 426.9	24376.418	24376.418	1.00	4.79	12.500	12.5	100.0	NO		
71	65 13C4-PFOS	503 > 79.9	3472.189	3472.189	1.00	4.89	12.500	12.5	100.0	NO		
72	66 13C6-PFDA	519.1 > 473.7	28908.572	28908.572	1.00	5.19	12.500	12.5	100.0	NO		
73	67 13C7-PFUdA	570.1 > 524.8	33011.973	33011.973	1.00	5.52	12.500	12.5	100.0	NO		

Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:43:24 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:43:49 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10
 Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 11:51:35

Compound name: PFBA

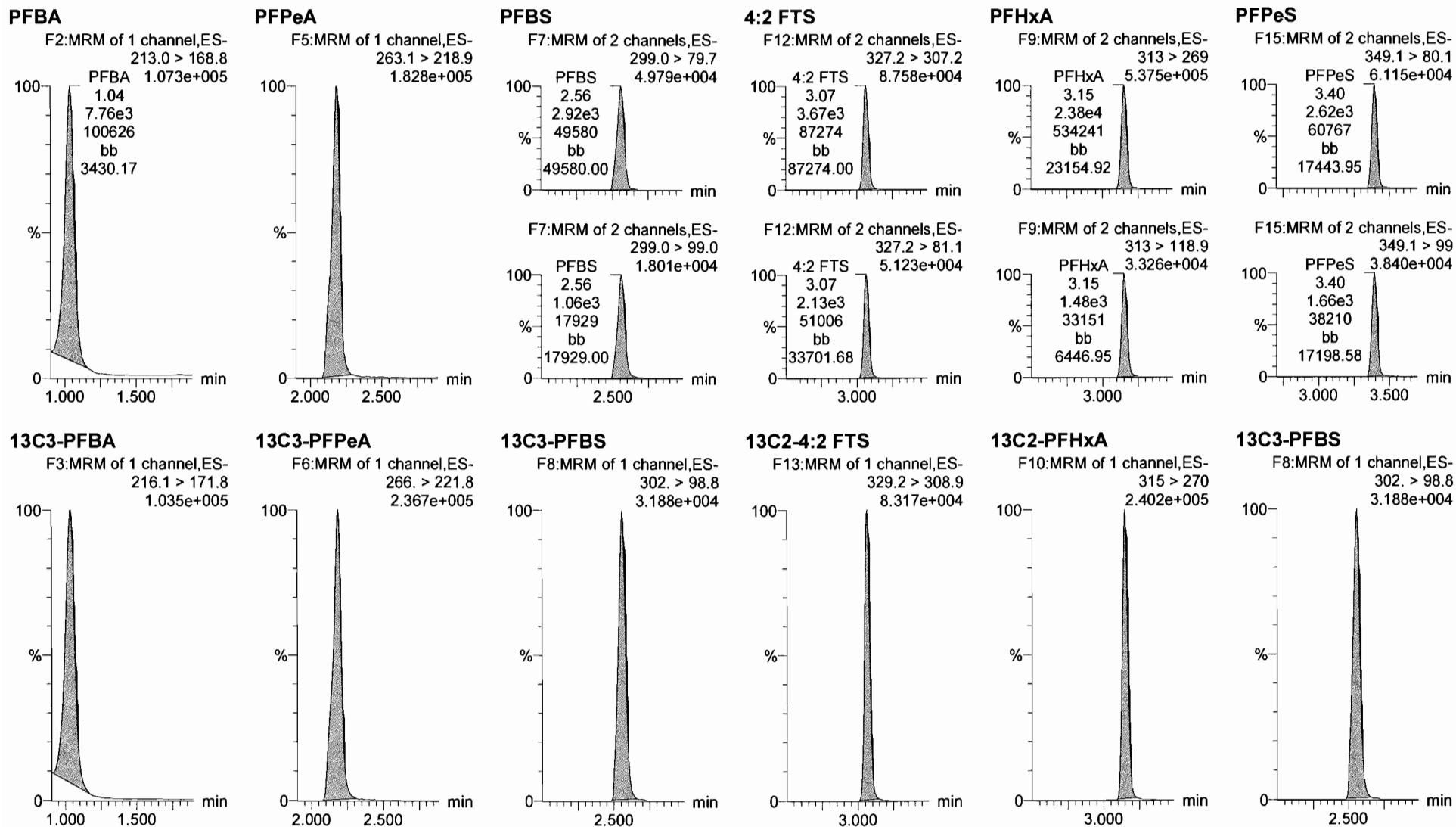
	# Name	ID	Acq.Date	Acq.Time
1	1 181017M3_1	IPA	17-Oct-18	18:31:24
2	2 181017M3_2	ST181017M3-1 PFC CS0 18J0803	17-Oct-18	18:41:57
3	3 181017M3_3	1803187-06 GW1809261230GC 0.24888	17-Oct-18	18:52:36
4	4 181017M3_4	1803187-07 GW1809261405SK 0.25701	17-Oct-18	19:03:09
5	5 181017M3_5	1803187-08 GW1809261455SK 0.25772	17-Oct-18	19:13:48
6	6 181017M3_6	1803187-09 GW1809261550SK 0.24749	17-Oct-18	19:24:26
7	7 181017M3_7	1803187-10 GW1809261650SK 0.25291	17-Oct-18	19:34:59
8	8 181017M3_8	1803187-11 GW1809270950GC 0.24795	17-Oct-18	19:45:38
9	9 181017M3_9	1803187-12 GW1809271050GC 0.25731	17-Oct-18	19:56:11
10	10 181017M3_10	1803187-13 FB1809271530GC 0.25779	17-Oct-18	20:06:49
11	11 181017M3_11	1803187-14 GW1809271535GC-FD 0.25368	17-Oct-18	20:17:27
12	12 181017M3_12	1803187-15 GW1809271535GC 0.2494	17-Oct-18	20:28:00
13	13 181017M3_13	1803187-16 GW1809271635GC 0.25076	17-Oct-18	20:38:38
14	14 181017M3_14	IPA	17-Oct-18	20:49:11
15	15 181017M3_15	ST181017M3-2 PFC CS3 18J0806	17-Oct-18	20:59:49
16	16 181017M3_16	B8J0128-BS1 OPR 0.125	17-Oct-18	21:10:23
17	17 181017M3_17	B8J0128-BSD1 LCSD 0.125	17-Oct-18	21:21:01
18	18 181017M3_18	B8J0128-BLK1 Method Blank 0.125	17-Oct-18	21:31:33
19	19 181017M3_19	1803297-01 OC-RW12-1018 0.11506	17-Oct-18	21:42:04
20	20 181017M3_20	1803297-02 OC-FB12-1018 0.11767	17-Oct-18	21:52:43
21	21 181017M3_21	1803297-03 OC-RW06-1018 0.11513	17-Oct-18	22:03:21
22	22 181017M3_22	1803297-04 OC-FB06-1018 0.11712	17-Oct-18	22:13:55
23	23 181017M3_23	1803322-01 CEW-EFF-11OCT2018 0.11756	17-Oct-18	22:24:33
24	24 181017M3_24	1803322-02 CEW-INTER2-11OCT2018 0.12008	17-Oct-18	22:35:06
25	25 181017M3_25	1803322-03 CEW-INTER1-11OCT2018 0.11498	17-Oct-18	22:45:44
26	26 181017M3_26	1803322-04 CEW-INF-11OCT2018 0.11891	17-Oct-18	22:56:17
27	27 181017M3_27	IPA	17-Oct-18	23:06:55
28	28 181017M3_28	ST181017M3-3 PFC CS3 18J0806	17-Oct-18	23:17:29

Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-28.qld

Last Altered: Thursday, October 18, 2018 13:32:04 Pacific Daylight Time
Printed: Thursday, October 18, 2018 13:32:20 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 13:13:00

Name: 181017M3_28, Date: 17-Oct-2018, Time: 23:17:29, ID: ST181017M3-3 PFC CS3 18J0806, Description: PFC CS3 18J0806

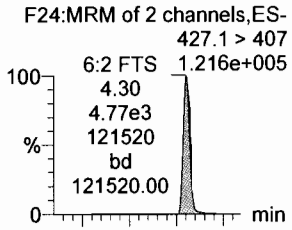


Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-28.qld

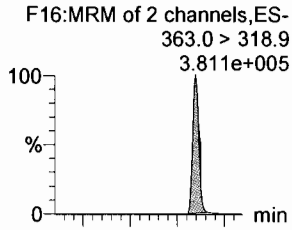
Last Altered: Thursday, October 18, 2018 13:32:04 Pacific Daylight Time
Printed: Thursday, October 18, 2018 13:32:20 Pacific Daylight Time

Name: 181017M3_28, Date: 17-Oct-2018, Time: 23:17:29, ID: ST181017M3-3 PFC CS3 18J0806, Description: PFC CS3 18J0806

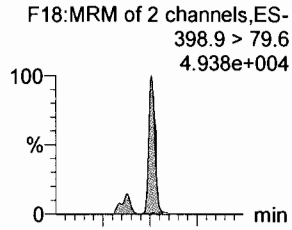
6:2 FTS



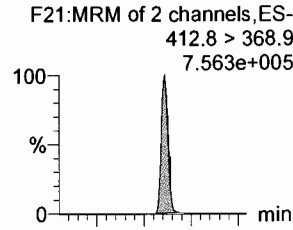
PFHpA



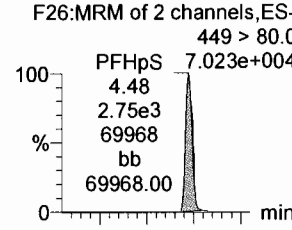
L-PFHxS



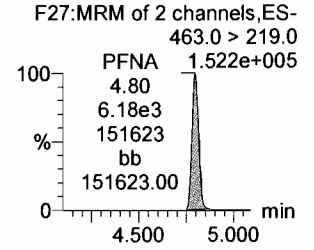
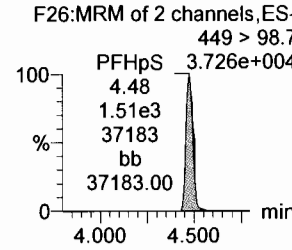
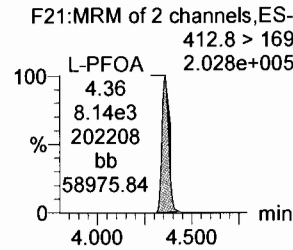
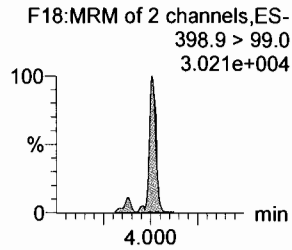
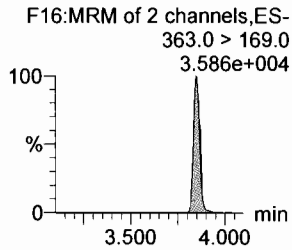
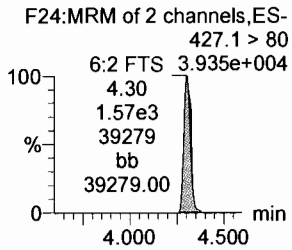
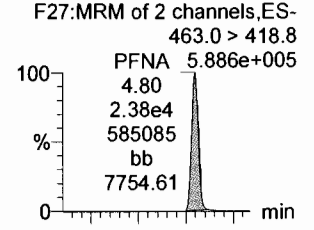
L-PFOA



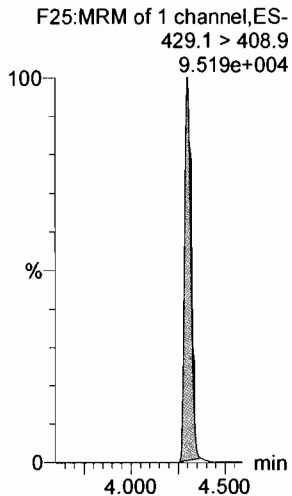
PFHpS



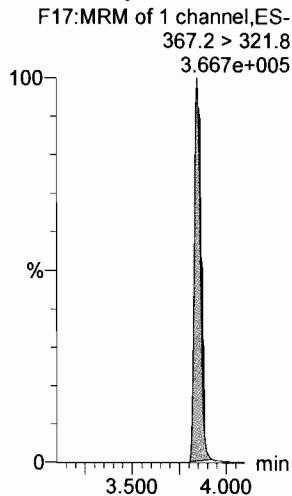
PFNA



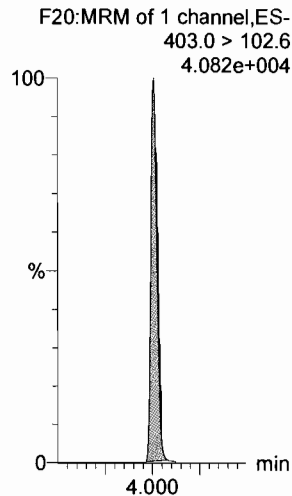
13C2-6:2 FTS



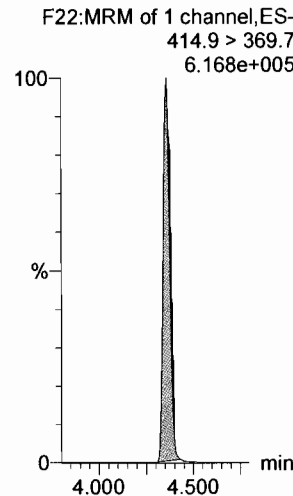
13C4-PFHpa



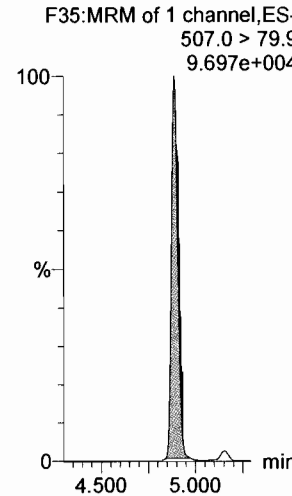
18O2-PFHxS



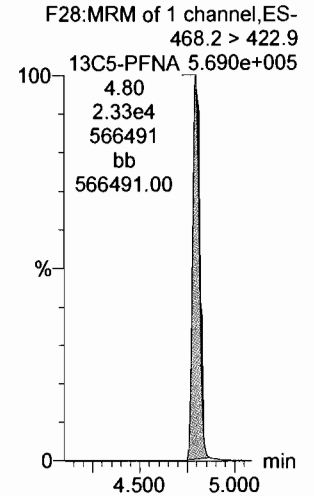
13C2-PFOA



13C8-PFOS



13C5-PFNA

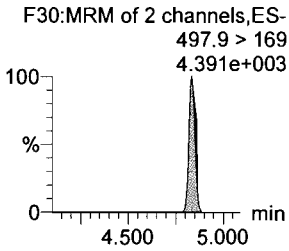
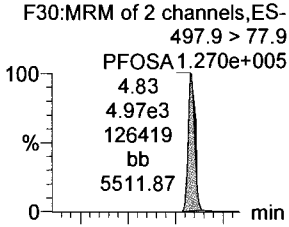


Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-28.qld

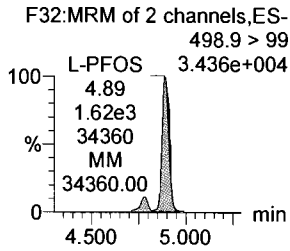
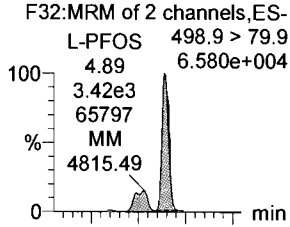
Last Altered: Thursday, October 18, 2018 13:32:04 Pacific Daylight Time
Printed: Thursday, October 18, 2018 13:32:20 Pacific Daylight Time

Name: 181017M3_28, Date: 17-Oct-2018, Time: 23:17:29, ID: ST181017M3-3 PFC CS3 18J0806, Description: PFC CS3 18J0806

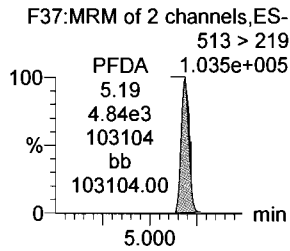
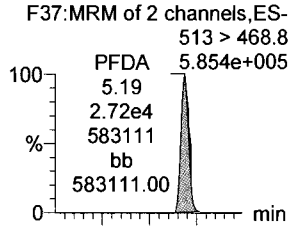
PFOSA



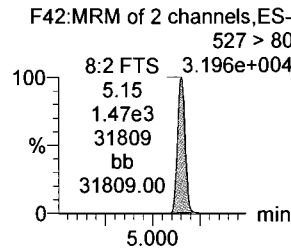
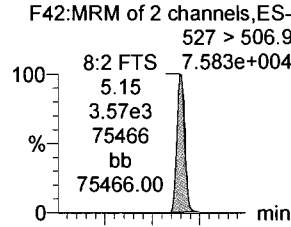
L-PFOS



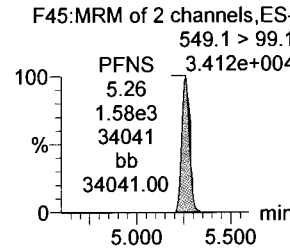
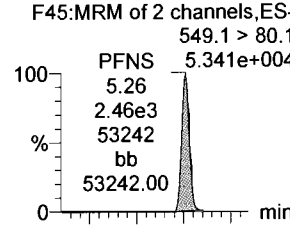
PFDA



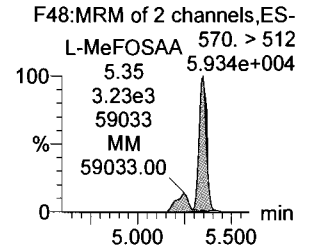
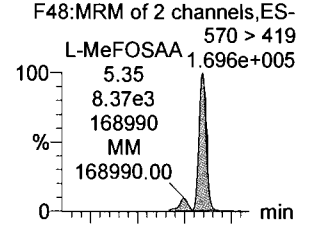
8:2 FTS



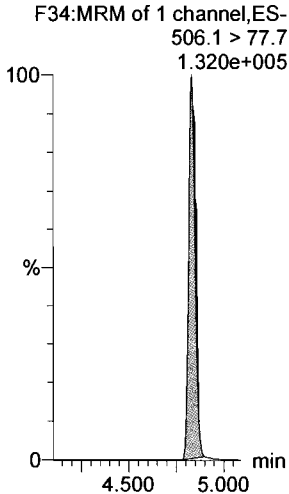
PFNS



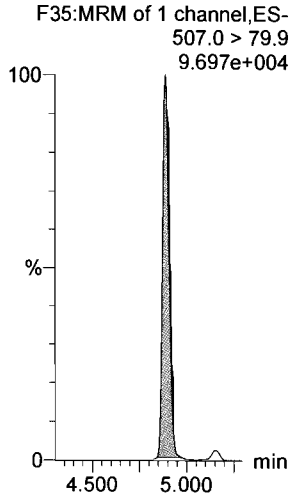
L-MeFOSAA



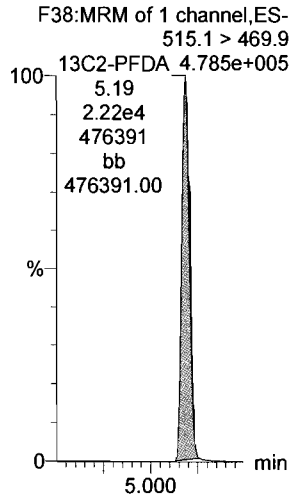
13C8-PFOSA



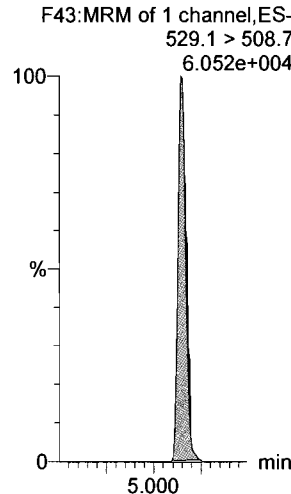
13C8-PFOS



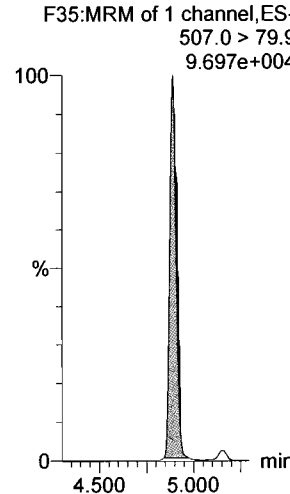
13C2-PFDA



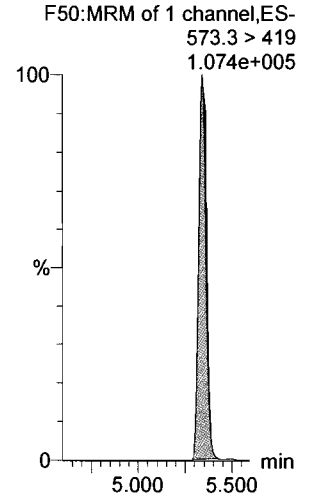
13C2-8:2 FTS



13C8-PFOS



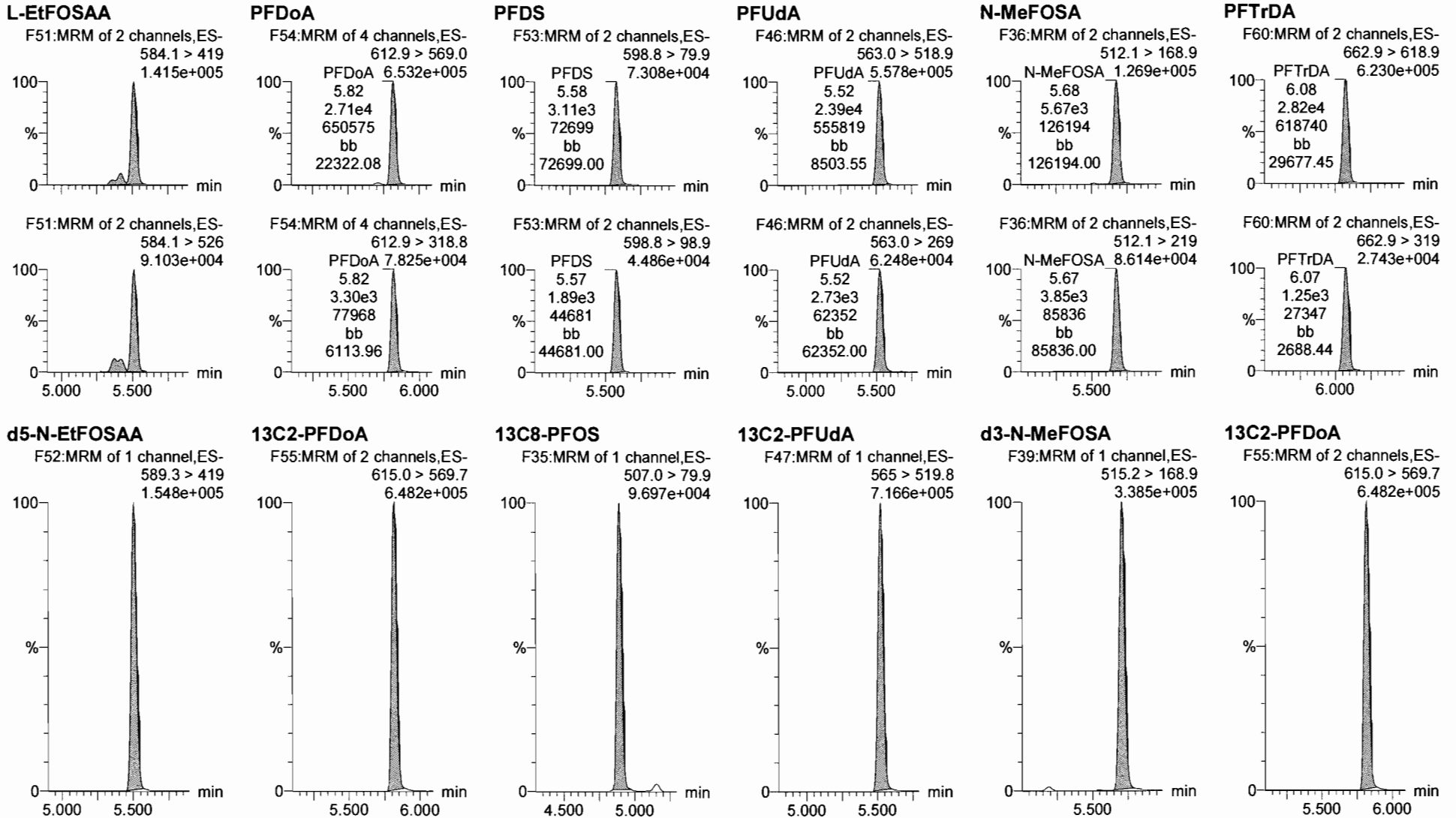
d3-N-MeFOSAA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-28.qld

Last Altered: Thursday, October 18, 2018 13:32:04 Pacific Daylight Time
Printed: Thursday, October 18, 2018 13:32:20 Pacific Daylight Time

Name: 181017M3_28, Date: 17-Oct-2018, Time: 23:17:29, ID: ST181017M3-3 PFC CS3 18J0806, Description: PFC CS3 18J0806

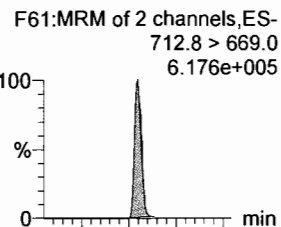


Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\181017M3-28.qld

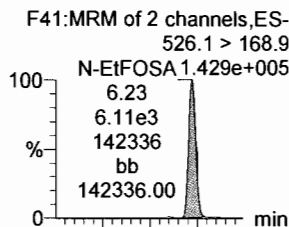
Last Altered: Thursday, October 18, 2018 13:32:04 Pacific Daylight Time
Printed: Thursday, October 18, 2018 13:32:20 Pacific Daylight Time

Name: 181017M3_28, Date: 17-Oct-2018, Time: 23:17:29, ID: ST181017M3-3 PFC CS3 18J0806, Description: PFC CS3 18J0806

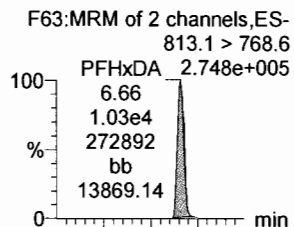
PFTeDA



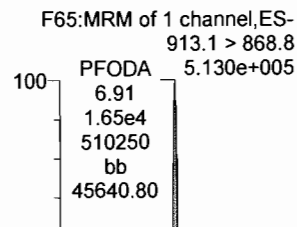
N-EtFOSA



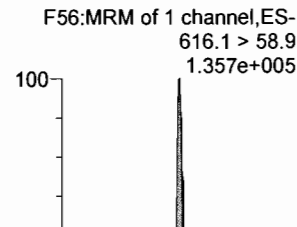
PFHxDA



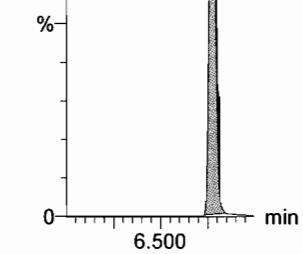
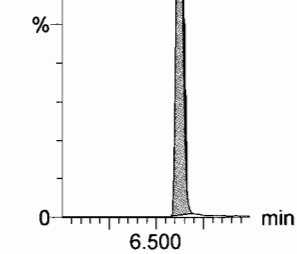
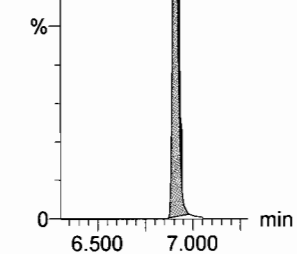
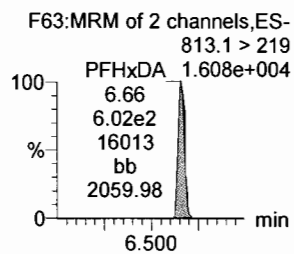
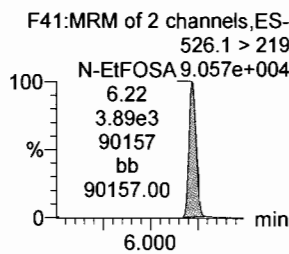
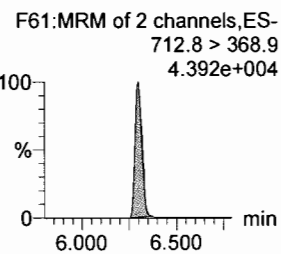
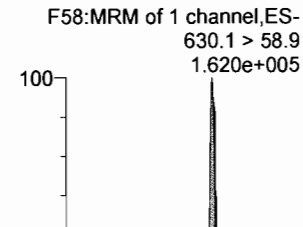
PFODA



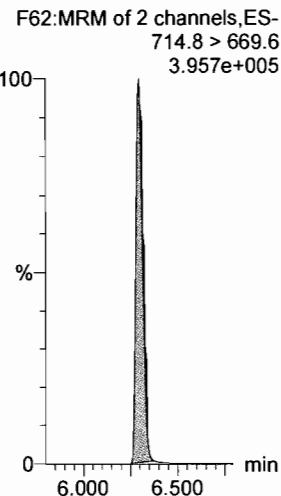
N-MeFOSE



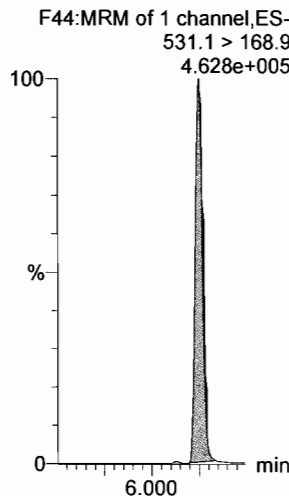
N-EtFOSE



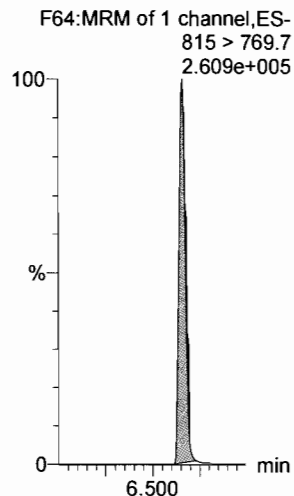
13C2-PFTeDA



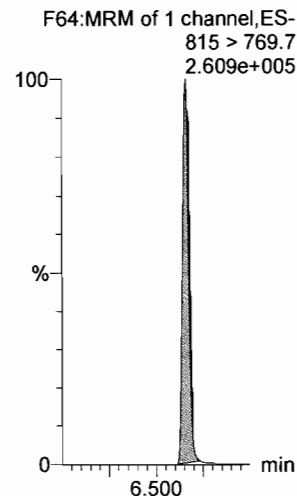
d5-N-ETFOSA



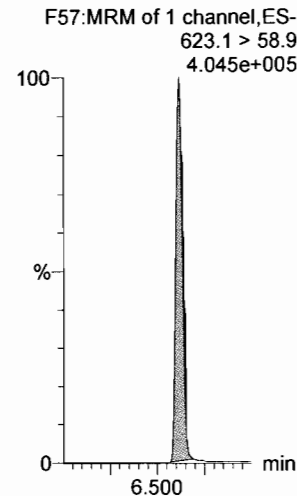
13C2-PFHxDA



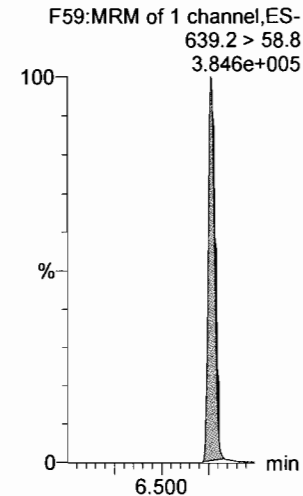
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



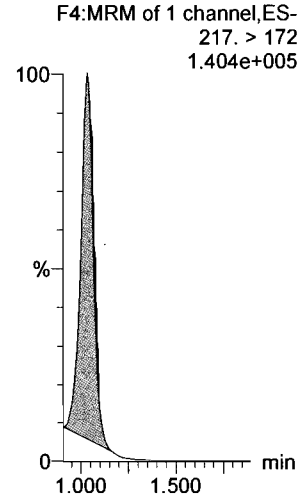
Dataset: Z:\Projects\PFAS.PRO\Results\181017M3\1801017M3-28.qld

Last Altered: Thursday, October 18, 2018 13:32:04 Pacific Daylight Time

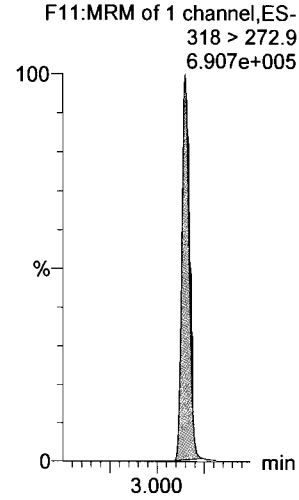
Printed: Thursday, October 18, 2018 13:32:20 Pacific Daylight Time

Name: 181017M3_28, Date: 17-Oct-2018, Time: 23:17:29, ID: ST181017M3-3 PFC CS3 18J0806, Description: PFC CS3 18J0806

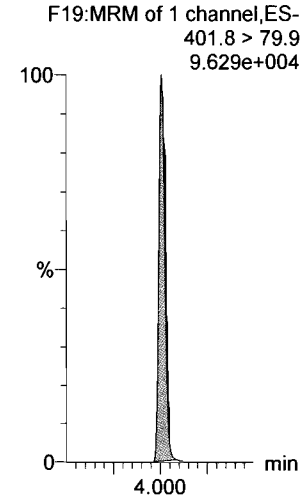
13C4-PFBA



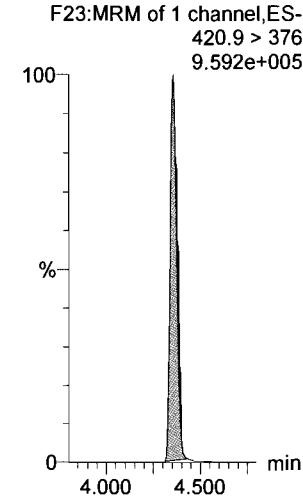
13C5-PFHxA



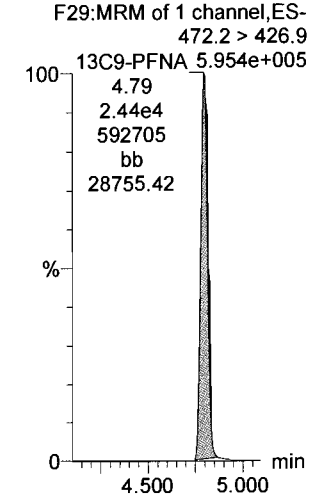
13C3-PFHxS



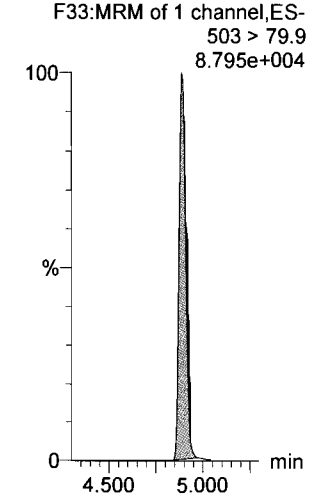
13C8-PFOA



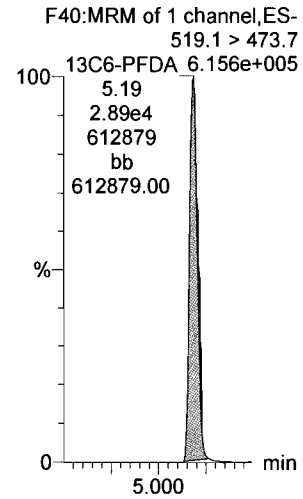
13C9-PFNA



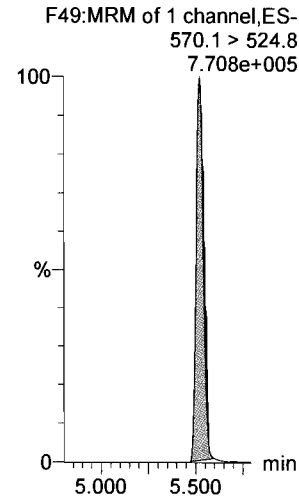
13C4-PFOS



13C6-PFDA



13C7-PFUdA



INITIAL CALIBRATION (ICAL)
INCLUDING ASSOCIATED
INITIAL CALIBRATION VERIFICATION (ICV) AND INSTRUMENT BLANK (IB)

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:14:58 Pacific Daylight Time

low pt
 PFH&S = 0.5
 PFAS ↓

high pt
 4.2 PFS = 100
 0.2 PFS ↓
 0.2 PFS
 PFS = 250

SCANNED

10-18-18

✓ 10/18/18

Om 10/18/18

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10
 Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 13:13:00

Compound name: PFBA

Correlation coefficient: $r = 0.999884$, $r^2 = 0.999768$

Calibration curve: $1.28148 * x + 0.0955562$

Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)

Curve type: Linear, 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	1 181017M1_2	Standard	0.250	1.06	215.657	6728.623	0.401	0.2	-4.8	NO	1.000	NO	bb
2	2 181017M1_3	Standard	0.500	1.06	405.424	6684.822	0.758	0.5	3.4	NO	1.000	NO	MM
3	3 181017M1_4	Standard	1.000	1.06	833.648	7126.805	1.462	1.1	6.6	NO	1.000	NO	bb
4	4 181017M1_5	Standard	2.000	1.06	1566.201	6847.808	2.859	2.2	7.8	NO	1.000	NO	bb
5	5 181017M1_6	Standard	5.000	1.06	3559.002	7222.699	6.159	4.7	-5.4	NO	1.000	NO	bb
6	6 181017M1_7	Standard	10.000	1.06	6805.401	6814.794	12.483	9.7	-3.3	NO	1.000	NO	bb
7	7 181017M1_8	Standard	50.000	1.05	35070.477	7085.982	61.866	48.2	-3.6	NO	1.000	NO	bb
8	8 181017M1_9	Standard	100.000	1.06	68989.289	6887.471	125.208	97.6	-2.4	NO	1.000	NO	bb
9	9 181017M1_10	Standard	250.000	1.06	178279.609	6863.396	324.693	253.3	1.3	NO	1.000	NO	bb
10	10 181017M1_11	Standard	500.000	1.05	330779.094	6436.137	642.426	501.2	0.2	NO	1.000	NO	bb

Compound name: PFPeA

Coefficient of Determination: $R^2 = 0.999785$

Calibration curve: $3.75171e-005 * x^2 + 0.997841 * x + 0.03443$

Response type: Internal Std (Ref 37), 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	1 181017M1_2	Standard	0.250	2.21	322.921	14474.299	0.279	0.2	-2.0	NO	1.000	NO	bb
2	2 181017M1_3	Standard	0.500	2.20	674.222	14372.392	0.586	0.6	10.6	NO	1.000	NO	bb
3	3 181017M1_4	Standard	1.000	2.21	1235.941	14809.086	1.043	1.0	1.1	NO	1.000	NO	bb
4	4 181017M1_5	Standard	2.000	2.21	2424.435	14843.913	2.042	2.0	0.6	NO	1.000	NO	bb
5	5 181017M1_6	Standard	5.000	2.21	5936.951	15639.635	4.745	4.7	-5.6	NO	1.000	NO	bb
6	6 181017M1_7	Standard	10.000	2.21	11100.983	14161.864	9.798	9.8	-2.2	NO	1.000	NO	bb
7	7 181017M1_8	Standard	50.000	2.21	56938.887	14706.757	48.395	48.4	-3.2	NO	1.000	NO	bb
8	8 181017M1_9	Standard	100.000	2.21	113564.672	14286.720	99.362	99.2	-0.8	NO	1.000	NO	bb
9	9 181017M1_10	Standard	250.000	2.21	285805.063	13904.494	256.936	255.0	2.0	NO	1.000	NO	bb
10	10 181017M1_11	Standard	500.000	2.20	522631.188	12907.747	506.122	497.9	-0.4	NO	1.000	NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:22 Pacific Daylight Time

Compound name: PFBS

Coefficient of Determination: R² = 0.999204

Calibration curve: 0.000178325 * x² + 1.97688 * x + -0.025087

Response type: Internal Std (Ref 38), 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	1 181017M1_2	Standard	0.250	2.58	64.502	1796.569	0.449	0.2	-4.1	NO	0.999	NO	bb
2	2 181017M1_3	Standard	0.500	2.58	142.960	1762.496	1.014	0.5	5.1	NO	0.999	NO	bb
3	3 181017M1_4	Standard	1.000	2.58	301.124	1826.285	2.061	1.1	5.5	NO	0.999	NO	bb
4	4 181017M1_5	Standard	2.000	2.58	603.540	1828.057	4.127	2.1	5.0	NO	0.999	NO	bb
5	5 181017M1_6	Standard	5.000	2.58	1383.358	1880.256	9.197	4.7	-6.7	NO	0.999	NO	bb
6	6 181017M1_7	Standard	10.000	2.58	2674.995	1683.297	19.864	10.1	0.5	NO	0.999	NO	bb
7	7 181017M1_8	Standard	50.000	2.58	13347.823	1769.013	94.317	47.5	-5.0	NO	0.999	NO	bb
8	8 181017M1_9	Standard	100.000	2.58	26011.443	1690.969	192.282	96.4	-3.6	NO	0.999	NO	bb
9	9 181017M1_10	Standard	250.000	2.58	63168.430	1500.709	526.155	260.1	4.0	NO	0.999	NO	bb
10	10 181017M1_11	Standard	500.000	2.57	110099.453	1343.309	1024.517	496.1	-0.8	NO	0.999	NO	bb

Compound name: 4:2 FTS

Coefficient of Determination: R² = 0.999631

Calibration curve: -0.00372516 * x² + 1.28094 * x + 0.11442

Response type: Internal Std (Ref 39), 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	1 181017M1_2	Standard	0.250	3.09	86.884	2677.698	0.406	0.2	-9.0	NO	1.000	NO	bb
2	2 181017M1_3	Standard	0.500	3.09	159.142	2594.274	0.767	0.5	2.0	NO	1.000	NO	bb
3	3 181017M1_4	Standard	1.000	3.09	306.170	2782.959	1.375	1.0	-1.3	NO	1.000	NO	bb
4	4 181017M1_5	Standard	2.000	3.09	665.707	2803.650	2.968	2.2	12.1	NO	1.000	NO	bb
5	5 181017M1_6	Standard	5.000	3.09	1467.573	2942.078	6.235	4.8	-3.1	NO	1.000	NO	bb
6	6 181017M1_7	Standard	10.000	3.08	2790.232	2799.049	12.461	9.9	-0.8	NO	1.000	NO	bb
7	7 181017M1_8	Standard	50.000	3.09	13706.537	3124.361	54.837	50.0	-0.0	NO	1.000	NO	bb
8	8 181017M1_9	Standard	100.000	3.09	26096.586	3585.693	90.975	100.0	0.0	NO	1.000	NO	bb
9	9 181017M1_10	Standard	250.000	3.09	60246.574	4499.231	167.380			NO	1.000	NO	bbXI
10	10 181017M1_11	Standard	500.000	3.08	103629.922	5950.971	217.674			NO	1.000	NO	bbXI

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:22 Pacific Daylight Time

Compound name: PFHxA

Coefficient of Determination: $R^2 = 0.999813$

Calibration curve: $-3.36513e-005 * x^2 + 1.05004 * x + 0.0785044$

Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, 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	1 181017M1_2	Standard	0.250	3.18	711.878	9933.102	0.358	0.3	6.6	NO	1.000	NO	bb
2	2 181017M1_3	Standard	0.500	3.18	1209.616	9903.562	0.611	0.5	1.4	NO	1.000	NO	bb
3	3 181017M1_4	Standard	1.000	3.18	2582.759	10159.552	1.271	1.1	13.6	NO	1.000	NO	bb
4	4 181017M1_5	Standard	2.000	3.18	4888.160	10198.044	2.397	2.2	10.4	NO	1.000	NO	bb
5	5 181017M1_6	Standard	5.000	3.18	11124.320	10920.941	5.093	4.8	-4.5	NO	1.000	NO	bb
6	6 181017M1_7	Standard	10.000	3.17	21307.311	9952.996	10.704	10.1	1.2	NO	1.000	NO	bb
7	7 181017M1_8	Standard	50.000	3.18	106550.391	10061.175	52.951	50.4	0.9	NO	1.000	NO	bb
8	8 181017M1_9	Standard	100.000	3.18	210816.781	9907.522	106.392	101.6	1.6	NO	1.000	NO	bb
9	9 181017M1_10	Standard	250.000	3.18	487520.156	9504.184	256.477	246.1	-1.6	NO	1.000	NO	bb
10	10 181017M1_11	Standard	500.000	3.17	888093.438	8567.154	518.313	501.6	0.3	NO	1.000	NO	bb

Compound name: PFPeS

Coefficient of Determination: $R^2 = 0.999145$

Calibration curve: $-0.000161275 * x^2 + 1.76626 * x + 0.0351072$

Response type: Internal Std (Ref 38), 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	1 181017M1_2	Standard	0.250	3.41	56.682	1796.569	0.394	0.2	-18.6	NO	0.999	NO	bb
2	2 181017M1_3	Standard	0.500	3.42	131.751	1762.496	0.934	0.5	1.8	NO	0.999	NO	bb
3	3 181017M1_4	Standard	1.000	3.42	317.543	1826.285	2.173	1.2	21.1	NO	0.999	NO	bb
4	4 181017M1_5	Standard	2.000	3.42	567.412	1828.057	3.880	2.2	8.9	NO	0.999	NO	bb
5	5 181017M1_6	Standard	5.000	3.42	1206.759	1880.256	8.023	4.5	-9.5	NO	0.999	NO	bb
6	6 181017M1_7	Standard	10.000	3.42	2418.336	1683.297	17.958	10.2	1.6	NO	0.999	NO	bb
7	7 181017M1_8	Standard	50.000	3.42	11800.467	1769.013	83.383	47.4	-5.2	NO	0.999	NO	bb
8	8 181017M1_9	Standard	100.000	3.42	22958.594	1690.969	169.715	96.9	-3.1	NO	0.999	NO	bb
9	9 181017M1_10	Standard	250.000	3.41	53803.867	1500.709	448.154	259.9	4.0	NO	0.999	NO	bb
10	10 181017M1_11	Standard	500.000	3.41	89846.523	1343.309	836.056	495.8	-0.8	NO	0.999	NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:22 Pacific Daylight Time

Compound name: PFHpA

Correlation coefficient: $r = 0.999747$, $r^2 = 0.999494$

Calibration curve: $1.33333 * x + 0.0598282$

Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)

Curve type: Linear, 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	1 181017M1_2	Standard	0.250	3.87	391.595	12868.577	0.380	0.2	-3.8	NO	0.999	NO	MM
2	2 181017M1_3	Standard	0.500	3.87	791.776	12955.876	0.764	0.5	5.6	NO	0.999	NO	bb
3	3 181017M1_4	Standard	1.000	3.87	1555.480	13340.570	1.457	1.0	4.8	NO	0.999	NO	bb
4	4 181017M1_5	Standard	2.000	3.87	3133.915	13259.020	2.955	2.2	8.6	NO	0.999	NO	bb
5	5 181017M1_6	Standard	5.000	3.87	6849.669	13791.906	6.208	4.6	-7.8	NO	0.999	NO	bb
6	6 181017M1_7	Standard	10.000	3.87	13447.133	12672.424	13.264	9.9	-1.0	NO	0.999	NO	bb
7	7 181017M1_8	Standard	50.000	3.87	65278.363	12727.062	64.114	48.0	-3.9	NO	0.999	NO	bb
8	8 181017M1_9	Standard	100.000	3.87	126661.320	12471.303	126.953	95.2	-4.8	NO	0.999	NO	bb
9	9 181017M1_10	Standard	250.000	3.87	298822.656	10998.449	339.619	254.7	1.9	NO	0.999	NO	bb
10	10 181017M1_11	Standard	500.000	3.86	520955.625	9720.997	669.885	502.4	0.5	NO	0.999	NO	bb

Compound name: L-PFHxS

Coefficient of Determination: $R^2 = 0.999596$

Calibration curve: $0.000539604 * x^2 + 1.79125 * x + 0.270575$

Response type: Internal Std (Ref 42), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, 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	1 181017M1_2	Standard	0.250	4.02	40.665	1511.425	0.336	0.0	-85.3	YES	1.000	NO	MMX
2	2 181017M1_3	Standard	0.500	4.02	136.848	1423.391	1.202	0.5	4.0	NO	1.000	NO	MM
3	3 181017M1_4	Standard	1.000	4.02	259.348	1431.830	2.264	1.1	11.3	NO	1.000	NO	MM
4	4 181017M1_5	Standard	2.000	4.02	498.879	1530.373	4.075	2.1	6.1	NO	1.000	NO	MM
5	5 181017M1_6	Standard	5.000	4.02	1151.130	1598.336	9.003	4.9	-2.6	NO	1.000	NO	MM
6	6 181017M1_7	Standard	10.000	4.03	2264.742	1424.830	19.869	10.9	9.1	NO	1.000	NO	MM
7	7 181017M1_8	Standard	50.000	4.03	11125.196	1477.283	94.136	51.6	3.2	NO	1.000	NO	MM
8	8 181017M1_9	Standard	100.000	4.03	21538.645	1438.255	187.194	101.3	1.3	NO	1.000	NO	MM
9	9 181017M1_10	Standard	250.000	4.02	51899.691	1383.231	469.008	243.8	-2.5	NO	1.000	NO	MM
10	10 181017M1_11	Standard	500.000	4.01	91756.898	1106.692	1036.387	502.4	0.5	NO	1.000	NO	MM

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:22 Pacific Daylight Time

Compound name: 6:2 FTS

Coefficient of Determination: R² = 0.998382

Calibration curve: $-0.0050856 * x^2 + 1.62965 * x + 0.0215576$

Response type: Internal Std (Ref 43), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, 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	1 181017M1_2	Standard	0.250	4.32	80.696	3088.560	0.327	0.2	-25.1	NO	0.998	NO	bb
2	2 181017M1_3	Standard	0.500	4.32	226.730	2889.047	0.981	0.6	18.0	NO	0.998	NO	bb
3	3 181017M1_4	Standard	1.000	4.32	388.928	2972.032	1.636	1.0	-0.6	NO	0.998	NO	bb
4	4 181017M1_5	Standard	2.000	4.32	875.893	2964.289	3.694	2.3	13.5	NO	0.998	NO	bb
5	5 181017M1_6	Standard	5.000	4.32	1940.210	3165.263	7.662	4.8	-4.8	NO	0.998	NO	bb
6	6 181017M1_7	Standard	10.000	4.32	3934.632	2917.613	16.857	10.7	6.9	NO	0.998	NO	bb
7	7 181017M1_8	Standard	50.000	4.32	18159.594	3402.597	66.712	48.2	-3.7	NO	0.998	NO	bb
8	8 181017M1_9	Standard	100.000	4.33	34150.734	3775.242	113.075	101.6	1.6	NO	0.998	NO	bb
9	9 181017M1_10	Standard	250.000	4.32	78217.578	5052.509	193.512			NO	0.998	NO	bbXI
10	10 181017M1_11	Standard	500.000	4.31	142074.422	6743.295	263.362			NO	0.998	NO	bbXI

Compound name: L-PFOA

Coefficient of Determination: R² = 0.999162

Calibration curve: $-0.000113967 * x^2 + 1.50374 * x + 0.138288$

Response type: Internal Std (Ref 44), 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	1 181017M1_2	Standard	0.250	4.38	933.318	23415.467	0.498	0.2	-4.3	NO	0.999	NO	bb
2	2 181017M1_3	Standard	0.500	4.38	1653.502	23450.719	0.881	0.5	-1.2	NO	0.999	NO	bb
3	3 181017M1_4	Standard	1.000	4.38	3341.501	23451.141	1.781	1.1	9.3	NO	0.999	NO	bb
4	4 181017M1_5	Standard	2.000	4.38	6644.883	24524.809	3.387	2.2	8.0	NO	0.999	NO	db
5	5 181017M1_6	Standard	5.000	4.38	14667.469	25233.668	7.266	4.7	-5.2	NO	0.999	NO	bb
6	6 181017M1_7	Standard	10.000	4.38	27976.154	23360.439	14.970	9.9	-1.3	NO	0.999	NO	bb
7	7 181017M1_8	Standard	50.000	4.38	132200.969	23364.277	70.728	47.1	-5.8	NO	0.999	NO	bb
8	8 181017M1_9	Standard	100.000	4.38	262189.375	22590.543	145.077	97.1	-2.9	NO	0.999	NO	bb
9	9 181017M1_10	Standard	250.000	4.38	641185.438	20870.430	384.027	260.4	4.2	NO	0.999	NO	bb
10	10 181017M1_11	Standard	500.000	4.37	1108719.500	19321.682	717.277	495.5	-0.9	NO	0.999	NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:22 Pacific Daylight Time

Compound name: PFHpS

Coefficient of Determination: R² = 0.999009

Calibration curve: -0.000141679 * x² + 0.948922 * x + -0.0311477

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	1 181017M1_2	Standard	0.250	4.50	56.770	3379.912	0.210	0.3	1.6	NO	0.999	NO	bb
2	2 181017M1_3	Standard	0.500	4.49	140.341	3404.981	0.515	0.6	15.2	NO	0.999	NO	bb
3	3 181017M1_4	Standard	1.000	4.50	234.958	3538.399	0.830	0.9	-9.2	NO	0.999	NO	bb
4	4 181017M1_5	Standard	2.000	4.50	548.815	3629.524	1.890	2.0	1.3	NO	0.999	NO	bb
5	5 181017M1_6	Standard	5.000	4.50	1391.203	3831.895	4.538	4.8	-3.6	NO	0.999	NO	bb
6	6 181017M1_7	Standard	10.000	4.50	2628.661	3474.071	9.458	10.0	0.2	NO	0.999	NO	bb
7	7 181017M1_8	Standard	50.000	4.50	12566.456	3517.908	44.652	47.4	-5.2	NO	0.999	NO	bb
8	8 181017M1_9	Standard	100.000	4.50	24352.826	3386.156	89.898	96.2	-3.8	NO	0.999	NO	bb
9	9 181017M1_10	Standard	250.000	4.50	57652.391	3019.821	238.642	261.7	4.7	NO	0.999	NO	bb
10	10 181017M1_11	Standard	500.000	4.49	99589.047	2862.985	434.813	494.8	-1.0	NO	0.999	NO	bb

Compound name: PFNA

Coefficient of Determination: R² = 0.999218

Calibration curve: -0.000114848 * x² + 1.37935 * x + 0.0432958

Response type: Internal Std (Ref 45), 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	1 181017M1_2	Standard	0.250	4.82	687.645	22721.285	0.378	0.2	-2.8	NO	0.999	NO	MM
2	2 181017M1_3	Standard	0.500	4.82	1377.372	22642.336	0.760	0.5	4.0	NO	0.999	NO	bb
3	3 181017M1_4	Standard	1.000	4.82	2668.627	22259.793	1.499	1.1	5.5	NO	0.999	NO	bb
4	4 181017M1_5	Standard	2.000	4.82	5217.574	21722.129	3.002	2.1	7.3	NO	0.999	NO	bb
5	5 181017M1_6	Standard	5.000	4.82	11941.607	23382.500	6.384	4.6	-8.0	NO	0.999	NO	bb
6	6 181017M1_7	Standard	10.000	4.82	22940.453	21420.209	13.387	9.7	-3.2	NO	0.999	NO	bb
7	7 181017M1_8	Standard	50.000	4.83	114784.328	21107.584	67.976	49.5	-1.1	NO	0.999	NO	bb
8	8 181017M1_9	Standard	100.000	4.83	220434.453	21135.033	130.373	95.2	-4.8	NO	0.999	NO	bb
9	9 181017M1_10	Standard	250.000	4.82	530028.813	18889.254	350.748	259.9	4.0	NO	0.999	NO	bb
10	10 181017M1_11	Standard	500.000	4.81	899014.875	17134.189	655.863	495.9	-0.8	NO	0.999	NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:22 Pacific Daylight Time

Compound name: PFOSA

Coefficient of Determination: R² = 0.999617

Calibration curve: 1.16051e-005 * x² + 1.23769 * x + -0.0204821

Response type: Internal Std (Ref 46), 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	1 181017M1_2	Standard	0.250	4.87	69.724	3726.108	0.234	0.2	-17.8	NO	1.000	NO	bb
2	2 181017M1_3	Standard	0.500	4.86	204.688	3759.031	0.681	0.6	13.3	NO	1.000	NO	bb
3	3 181017M1_4	Standard	1.000	4.86	373.787	3911.285	1.195	1.0	-1.8	NO	1.000	NO	bb
4	4 181017M1_5	Standard	2.000	4.86	830.715	3742.762	2.774	2.3	12.9	NO	1.000	NO	bb
5	5 181017M1_6	Standard	5.000	4.86	1902.301	3996.267	5.950	4.8	-3.5	NO	1.000	NO	bb
6	6 181017M1_7	Standard	10.000	4.86	3496.738	3565.392	12.259	9.9	-0.8	NO	1.000	NO	bb
7	7 181017M1_8	Standard	50.000	4.86	17746.115	3795.797	58.440	47.2	-5.6	NO	1.000	NO	bb
8	8 181017M1_9	Standard	100.000	4.87	35546.340	3460.932	128.384	103.6	3.6	NO	1.000	NO	bb
9	9 181017M1_10	Standard	250.000	4.86	89724.898	3628.593	309.090	249.2	-0.3	NO	1.000	NO	bb
10	10 181017M1_11	Standard	500.000	4.85	178625.516	3591.539	621.689	500.0	-0.0	NO	1.000	NO	bb

Compound name: L-PFOS

Coefficient of Determination: R² = 0.998783

Calibration curve: 5.04776e-005 * x² + 1.14626 * x + -0.00485499

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, 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	1 181017M1_2	Standard	0.250	4.91	91.263	3379.912	0.338	0.3	19.5	NO	0.999	NO	MM
2	2 181017M1_3	Standard	0.500	4.91	156.749	3404.981	0.575	0.5	1.2	NO	0.999	NO	MM
3	3 181017M1_4	Standard	1.000	4.92	275.421	3538.399	0.973	0.9	-14.7	NO	0.999	NO	MM
4	4 181017M1_5	Standard	2.000	4.91	747.469	3629.524	2.574	2.2	12.5	NO	0.999	NO	MM
5	5 181017M1_6	Standard	5.000	4.91	1588.732	3831.895	5.183	4.5	-9.5	NO	0.999	NO	MM
6	6 181017M1_7	Standard	10.000	4.92	2998.507	3474.071	10.789	9.4	-5.9	NO	0.999	NO	MM
7	7 181017M1_8	Standard	50.000	4.92	15427.957	3517.908	54.819	47.7	-4.5	NO	0.999	NO	MM
8	8 181017M1_9	Standard	100.000	4.92	29845.209	3386.156	110.174	95.7	-4.3	NO	0.999	NO	MM
9	9 181017M1_10	Standard	250.000	4.91	73534.938	3019.821	304.385	262.5	5.0	NO	0.999	NO	MM
10	10 181017M1_11	Standard	500.000	4.91	132768.828	2862.985	579.678	494.9	-1.0	NO	0.999	NO	MM

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:22 Pacific Daylight Time

Compound name: PFDA

Coefficient of Determination: R² = 0.999573

Calibration curve: $-0.000116546 * x^2 + 1.47468 * x + 0.107753$

Response type: Internal Std (Ref 48), 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	1 181017M1_2	Standard	0.250	5.20	684.091	21245.809	0.402	0.2	-20.1	NO	1.000	NO	bb
2	2 181017M1_3	Standard	0.500	5.20	1499.262	21310.875	0.879	0.5	4.7	NO	1.000	NO	db
3	3 181017M1_4	Standard	1.000	5.21	2843.996	21389.258	1.662	1.1	5.4	NO	1.000	NO	bb
4	4 181017M1_5	Standard	2.000	5.21	6056.991	21729.295	3.484	2.3	14.5	NO	1.000	NO	bb
5	5 181017M1_6	Standard	5.000	5.21	13127.673	23102.283	7.103	4.7	-5.1	NO	1.000	NO	bb
6	6 181017M1_7	Standard	10.000	5.21	25521.707	20799.936	15.338	10.3	3.4	NO	1.000	NO	bb
7	7 181017M1_8	Standard	50.000	5.21	121827.414	20946.676	72.701	49.4	-1.2	NO	1.000	NO	bb
8	8 181017M1_9	Standard	100.000	5.21	232694.828	20606.867	141.151	96.4	-3.6	NO	1.000	NO	bb
9	9 181017M1_10	Standard	250.000	5.20	556022.938	18770.455	370.278	256.2	2.5	NO	1.000	NO	bb
10	10 181017M1_11	Standard	500.000	5.20	958993.063	17002.283	705.047	497.6	-0.5	NO	1.000	NO	bb

Compound name: 8:2 FTS

Coefficient of Determination: R² = 0.998576

Calibration curve: $-0.00455435 * x^2 + 1.52137 * x + 0.204588$

Response type: Internal Std (Ref 49), 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	1 181017M1_2	Standard	0.250	5.17	95.516	2330.336	0.512	0.2	-19.0	NO	0.999	NO	bb
2	2 181017M1_3	Standard	0.500	5.17	172.431	2396.233	0.899	0.5	-8.5	NO	0.999	NO	bb
3	3 181017M1_4	Standard	1.000	5.18	327.847	2040.859	2.008	1.2	19.0	NO	0.999	NO	bb
4	4 181017M1_5	Standard	2.000	5.18	597.295	2310.042	3.232	2.0	0.1	NO	0.999	NO	bb
5	5 181017M1_6	Standard	5.000	5.18	1666.479	2439.688	8.538	5.6	11.4	NO	0.999	NO	bb
6	6 181017M1_7	Standard	10.000	5.18	2902.101	2444.599	14.839	9.9	-0.9	NO	0.999	NO	bb
7	7 181017M1_8	Standard	50.000	5.18	14421.151	2851.777	63.211	48.4	-3.1	NO	0.999	NO	bb
8	8 181017M1_9	Standard	100.000	5.18	27891.330	3240.059	107.603	101.3	1.3	NO	0.999	NO	bb
9	9 181017M1_10	Standard	250.000	5.17	64652.871	4561.289	177.178			NO	0.999	NO	bbXI
10	10 181017M1_11	Standard	500.000	5.16	112171.828	6532.479	214.643			NO	0.999	YES	bbXI

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time
 Printed: Thursday, October 18, 2018 13:19:22 Pacific Daylight Time

Compound name: PFNS

Coefficient of Determination: R² = 0.998851

Calibration curve: -0.000128567 * x² + 0.868534 * x + -0.146683

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	1 181017M1_2	Standard	0.250	5.28	63.182	3379.912	0.234	0.4	75.2	YES	0.999	NO	bbX
2	2 181017M1_3	Standard	0.500	5.28	82.919	3404.981	0.304	0.5	3.9	NO	0.999	NO	bb
3	3 181017M1_4	Standard	1.000	5.27	216.264	3538.399	0.764	1.0	4.9	NO	0.999	NO	bb
4	4 181017M1_5	Standard	2.000	5.27	547.374	3629.524	1.885	2.3	17.0	NO	0.999	NO	bb
5	5 181017M1_6	Standard	5.000	5.28	1152.224	3831.895	3.759	4.5	-10.0	NO	0.999	NO	bb
6	6 181017M1_7	Standard	10.000	5.28	2088.030	3474.071	7.513	8.8	-11.7	NO	0.999	NO	bb
7	7 181017M1_8	Standard	50.000	5.28	11442.525	3517.908	40.658	47.3	-5.4	NO	0.999	NO	bb
8	8 181017M1_9	Standard	100.000	5.28	22641.383	3386.156	83.581	97.8	-2.2	NO	0.999	NO	MM
9	9 181017M1_10	Standard	250.000	5.27	52708.027	3019.821	218.175	261.5	4.6	NO	0.999	NO	MM
10	10 181017M1_11	Standard	500.000	5.27	91154.695	2862.985	397.988	494.6	-1.1	NO	0.999	NO	MM

Compound name: L-MeFOSAA

Coefficient of Determination: R² = 0.999661

Calibration curve: -0.000499546 * x² + 2.36414 * x + -0.11974

Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, 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	1 181017M1_2	Standard	0.250	5.37	143.744	4023.910	0.447	0.2	-4.2	NO	1.000	NO	MM
2	2 181017M1_3	Standard	0.500	5.37	285.383	3986.457	0.895	0.4	-14.2	NO	1.000	NO	MM
3	3 181017M1_4	Standard	1.000	5.37	748.738	3971.024	2.357	1.0	4.8	NO	1.000	NO	MM
4	4 181017M1_5	Standard	2.000	5.37	1527.161	3904.031	4.890	2.1	6.0	NO	1.000	NO	MM
5	5 181017M1_6	Standard	5.000	5.37	3730.531	4322.993	10.787	4.6	-7.6	NO	1.000	NO	MM
6	6 181017M1_7	Standard	10.000	5.37	7158.100	4062.381	22.026	9.4	-6.1	NO	1.000	NO	MM
7	7 181017M1_8	Standard	50.000	5.37	36901.715	4015.609	114.870	49.1	-1.7	NO	1.000	NO	MM
8	8 181017M1_9	Standard	100.000	5.37	72677.539	3788.729	239.782	103.7	3.7	NO	1.000	NO	MM
9	9 181017M1_10	Standard	250.000	5.37	165784.688	3741.438	553.880	247.3	-1.1	NO	1.000	NO	MM
10	10 181017M1_11	Standard	500.000	5.35	304983.875	3601.570	1058.510	500.8	0.2	NO	1.000	NO	MM

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:22 Pacific Daylight Time

Compound name: L-EtFOSAA

Coefficient of Determination: R² = 0.999658

Calibration curve: $-1.36183e-005 * x^2 + 1.39059 * x + 0.123782$

Response type: Internal Std (Ref 52), 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	1 181017M1_2	Standard	0.250	5.52	195.469	5570.023	0.439	0.2	-9.4	NO	1.000	NO	MM
2	2 181017M1_3	Standard	0.500	5.52	379.292	5384.351	0.881	0.5	8.8	NO	1.000	NO	MM
3	3 181017M1_4	Standard	1.000	5.53	682.994	5604.410	1.523	1.0	0.6	NO	1.000	NO	MM
4	4 181017M1_5	Standard	2.000	5.53	1304.953	5339.136	3.055	2.1	5.4	NO	1.000	NO	MM
5	5 181017M1_6	Standard	5.000	5.53	3077.771	5803.104	6.630	4.7	-6.4	NO	1.000	NO	MM
6	6 181017M1_7	Standard	10.000	5.53	6218.718	5516.570	14.091	10.0	0.5	NO	1.000	NO	MM
7	7 181017M1_8	Standard	50.000	5.53	28920.531	5306.871	68.120	48.9	-2.2	NO	1.000	NO	MM
8	8 181017M1_9	Standard	100.000	5.53	57219.406	4940.085	144.783	104.1	4.1	NO	1.000	NO	MM
9	9 181017M1_10	Standard	250.000	5.52	128595.477	4716.306	340.827	245.6	-1.8	NO	1.000	NO	MM
10	10 181017M1_11	Standard	500.000	5.52	218571.578	3936.430	694.067	501.5	0.3	NO	1.000	NO	MM

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time
 Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10
 Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 13:13:00

Compound name: PFUdA

Coefficient of Determination: R² = 0.999532
 Calibration curve: $-5.73467e-005 * x^2 + 0.989799 * x + 0.093567$
 Response type: Internal Std (Ref 51), 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	1 181017M1_2	Standard	0.250	5.54	745.751	27793.299	0.335	0.2	-2.3	NO	1.000	NO	bb
2	2 181017M1_3	Standard	0.500	5.54	1310.773	27541.883	0.595	0.5	1.3	NO	1.000	NO	db
3	3 181017M1_4	Standard	1.000	5.54	2661.130	29124.047	1.142	1.1	5.9	NO	1.000	NO	bb
4	4 181017M1_5	Standard	2.000	5.54	5055.391	28247.559	2.237	2.2	8.3	NO	1.000	NO	bd
5	5 181017M1_6	Standard	5.000	5.54	11289.120	31105.836	4.537	4.5	-10.2	NO	1.000	NO	bb
6	6 181017M1_7	Standard	10.000	5.54	21466.664	27465.488	9.770	9.8	-2.2	NO	1.000	NO	bb
7	7 181017M1_8	Standard	50.000	5.54	109608.328	27451.023	49.911	50.5	1.0	NO	1.000	NO	bb
8	8 181017M1_9	Standard	100.000	5.55	203710.688	26909.113	94.629	96.0	-4.0	NO	1.000	NO	bb
9	9 181017M1_10	Standard	250.000	5.54	482220.750	24083.893	250.282	256.6	2.6	NO	1.000	NO	bb
10	10 181017M1_11	Standard	500.000	5.53	811513.688	21211.344	478.231	497.4	-0.5	NO	1.000	NO	bb

Compound name: PFDS

Coefficient of Determination: R² = 0.999976
 Calibration curve: $0.00048776 * x^2 + 1.01495 * x + 0.000425789$
 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	1 181017M1_2	Standard	0.250	5.60	66.201	3379.912	0.245	0.2	-3.7	NO	1.000	NO	bb
2	2 181017M1_3	Standard	0.500	5.59	132.970	3404.981	0.488	0.5	-3.9	NO	1.000	NO	bb
3	3 181017M1_4	Standard	1.000	5.59	295.865	3538.399	1.045	1.0	2.9	NO	1.000	NO	bb
4	4 181017M1_5	Standard	2.000	5.59	620.644	3629.524	2.137	2.1	5.2	NO	1.000	NO	bb
5	5 181017M1_6	Standard	5.000	5.59	1535.021	3831.895	5.007	4.9	-1.6	NO	1.000	NO	bb
6	6 181017M1_7	Standard	10.000	5.59	2876.403	3474.071	10.350	10.1	1.5	NO	1.000	NO	bb
7	7 181017M1_8	Standard	50.000	5.60	14574.996	3517.908	51.789	49.8	-0.3	NO	1.000	NO	bb
8	8 181017M1_9	Standard	100.000	5.60	28802.902	3386.156	106.326	100.0	-0.0	NO	1.000	NO	bb
9	9 181017M1_10	Standard	250.000	5.59	68675.813	3019.821	284.271	250.0	0.0	NO	1.000	NO	bb
10	10 181017M1_11	Standard	500.000	5.59	117718.328	2862.985	513.967	421.2	-15.8	NO	1.000	NO	bbX

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time
 Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: PFDoA

Coefficient of Determination: R² = 0.999511

Calibration curve: $-1.97884e-005 * x^2 + 1.22057 * x + 0.101334$

Response type: Internal Std (Ref 53), 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	1 181017M1_2	Standard	0.250	5.83	782.904	25775.711	0.380	0.2	-8.8	NO	1.000	NO	db
2	2 181017M1_3	Standard	0.500	5.83	1514.196	25961.422	0.729	0.5	2.9	NO	1.000	NO	MM
3	3 181017M1_4	Standard	1.000	5.83	3086.025	27164.064	1.420	1.1	8.0	NO	1.000	NO	db
4	4 181017M1_5	Standard	2.000	5.83	5675.275	26590.180	2.668	2.1	5.1	NO	1.000	NO	db
5	5 181017M1_6	Standard	5.000	5.83	13303.537	28919.598	5.750	4.6	-7.4	NO	1.000	NO	db
6	6 181017M1_7	Standard	10.000	5.83	26321.496	25559.652	12.873	10.5	4.7	NO	1.000	NO	db
7	7 181017M1_8	Standard	50.000	5.83	123259.031	26409.156	58.341	47.8	-4.5	NO	1.000	NO	db
8	8 181017M1_9	Standard	100.000	5.84	243379.438	25526.707	119.179	97.7	-2.3	NO	1.000	NO	bb
9	9 181017M1_10	Standard	250.000	5.83	575865.813	23016.629	312.744	257.2	2.9	NO	1.000	NO	bb
10	10 181017M1_11	Standard	500.000	5.83	1007301.625	20919.529	601.891	497.0	-0.6	NO	1.000	NO	bb

Compound name: N-MeFOSA

Coefficient of Determination: R² = 0.999199

Calibration curve: $-9.47692e-005 * x^2 + 1.12227 * x + 0.15578$

Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, 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	1 181017M1_2	Standard	1.250	5.73	122.724	12068.413	1.525	1.2	-2.4	NO	0.999	NO	bb
2	2 181017M1_3	Standard	2.500	5.73	285.199	12293.156	3.480	3.0	18.5	NO	0.999	NO	bb
3	3 181017M1_4	Standard	5.000	5.73	549.603	12585.599	6.550	5.7	14.0	NO	0.999	NO	bb
4	4 181017M1_5	Standard	10.000	5.73	972.231	12949.487	11.262	9.9	-1.0	NO	0.999	NO	MM
5	5 181017M1_6	Standard	25.000	5.73	2321.572	13690.793	25.436	22.6	-9.7	NO	0.999	NO	bb
6	6 181017M1_7	Standard	50.000	5.73	4416.068	12507.746	52.960	47.2	-5.5	NO	0.999	NO	bb
7	7 181017M1_8	Standard	250.000	5.74	23168.805	13057.956	266.146	242.0	-3.2	NO	0.999	NO	bb
8	8 181017M1_9	Standard	500.000	5.74	44641.809	12786.806	523.686	486.5	-2.7	NO	0.999	NO	bb
9	9 181017M1_10	Standard	1250.000	5.73	111240.070	12817.399	1301.825	1303.3	4.3	NO	0.999	NO	bb
10	10 181017M1_11	Standard	2500.000	5.71	203243.656	13896.707	2193.797	2469.7	-1.2	NO	0.999	NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: PFTrDA

Coefficient of Determination: $R^2 = 0.999848$

Calibration curve: $2.26662e-005 * x^2 + 1.23178 * x + 0.105776$

Response type: Internal Std (Ref 53), 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	1 181017M1_2	Standard	0.250	6.08	769.449	25775.711	0.373	0.2	-13.2	NO	1.000	NO	bb
2	2 181017M1_3	Standard	0.500	6.08	1510.244	25961.422	0.727	0.5	0.9	NO	1.000	NO	bb
3	3 181017M1_4	Standard	1.000	6.08	3070.675	27164.064	1.413	1.1	6.1	NO	1.000	NO	bb
4	4 181017M1_5	Standard	2.000	6.08	5903.739	26590.180	2.775	2.2	8.4	NO	1.000	NO	bb
5	5 181017M1_6	Standard	5.000	6.08	13812.381	28919.598	5.970	4.8	-4.8	NO	1.000	NO	bb
6	6 181017M1_7	Standard	10.000	6.08	26490.695	25559.652	12.955	10.4	4.3	NO	1.000	NO	bb
7	7 181017M1_8	Standard	50.000	6.09	129605.008	26409.156	61.345	49.7	-0.7	NO	1.000	NO	bb
8	8 181017M1_9	Standard	100.000	6.09	247007.641	25526.707	120.955	97.9	-2.1	NO	1.000	NO	bb
9	9 181017M1_10	Standard	250.000	6.08	576972.375	23016.629	313.345	253.1	1.2	NO	1.000	NO	bb
10	10 181017M1_11	Standard	500.000	6.08	1038058.813	20919.529	620.269	498.9	-0.2	NO	1.000	NO	bb

Compound name: PFTeDA

Coefficient of Determination: $R^2 = 0.999925$

Calibration curve: $-0.000403811 * x^2 + 1.8547 * x + 0.1632$

Response type: Internal Std (Ref 55), 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	1 181017M1_2	Standard	0.250	6.30	693.777	14868.194	0.583	0.2	-9.4	NO	1.000	NO	bb
2	2 181017M1_3	Standard	0.500	6.30	1382.577	15436.853	1.120	0.5	3.1	NO	1.000	NO	bd
3	3 181017M1_4	Standard	1.000	6.30	2692.365	16494.850	2.040	1.0	1.2	NO	1.000	NO	bb
4	4 181017M1_5	Standard	2.000	6.31	5369.313	16077.877	4.174	2.2	8.2	NO	1.000	NO	bb
5	5 181017M1_6	Standard	5.000	6.31	11892.268	16681.258	8.911	4.7	-5.6	NO	1.000	NO	bb
6	6 181017M1_7	Standard	10.000	6.31	23273.340	15215.241	19.120	10.2	2.4	NO	1.000	NO	bb
7	7 181017M1_8	Standard	50.000	6.31	113385.781	15291.787	92.685	50.4	0.9	NO	1.000	NO	bb
8	8 181017M1_9	Standard	100.000	6.31	220215.234	15341.873	179.423	98.8	-1.2	NO	1.000	NO	bb
9	9 181017M1_10	Standard	250.000	6.31	511199.875	14517.536	440.157	250.9	0.4	NO	1.000	NO	db
10	10 181017M1_11	Standard	500.000	6.30	943009.938	14268.468	826.131	499.7	-0.1	NO	1.000	NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time
 Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: N-EtFOSA

Coefficient of Determination: R² = 0.999800

Calibration curve: $-4.57396e-005 * x^2 + 0.918473 * x + 0.181997$

Response type: Internal Std (Ref 56), 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	1 181017M1_2	Standard	1.250	6.25	128.947	17227.547	1.123	1.0	-18.1	NO	1.000	NO	bb
2	2 181017M1_3	Standard	2.500	6.25	307.480	17415.018	2.648	2.7	7.4	NO	1.000	NO	bb
3	3 181017M1_4	Standard	5.000	6.26	583.869	18367.025	4.768	5.0	-0.1	NO	1.000	NO	bb
4	4 181017M1_5	Standard	10.000	6.25	1292.049	17611.197	11.005	11.8	17.9	NO	1.000	NO	bd
5	5 181017M1_6	Standard	25.000	6.26	2760.301	19072.668	21.709	23.5	-6.1	NO	1.000	NO	bb
6	6 181017M1_7	Standard	50.000	6.26	5423.584	17733.355	45.876	49.9	-0.3	NO	1.000	NO	bb
7	7 181017M1_8	Standard	250.000	6.26	27018.586	17847.400	227.080	250.2	0.1	NO	1.000	NO	bb
8	8 181017M1_9	Standard	500.000	6.26	51910.348	17685.859	440.270	491.2	-1.8	NO	1.000	NO	bb
9	9 181017M1_10	Standard	1250.000	6.25	125101.164	17236.002	1088.720	1264.8	1.2	NO	1.000	NO	bb
10	10 181017M1_11	Standard	2500.000	6.24	220243.250	16468.234	2006.073	2493.6	-0.3	NO	1.000	NO	bb

Compound name: PFHxDA

Coefficient of Determination: R² = 0.999629

Calibration curve: $-0.000192737 * x^2 + 0.559531 * x + 0.0622506$

Response type: Internal Std (Ref 57), 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	1 181017M1_2	Standard	0.250	6.66	340.517	9058.204	0.188	0.2	-10.1	NO	1.000	NO	bb
2	2 181017M1_3	Standard	0.500	6.66	619.553	9289.291	0.333	0.5	-3.0	NO	1.000	NO	bb
3	3 181017M1_4	Standard	1.000	6.66	1304.445	9342.551	0.698	1.1	13.7	NO	1.000	NO	bb
4	4 181017M1_5	Standard	2.000	6.66	2457.575	9129.321	1.346	2.3	14.8	NO	1.000	NO	bb
5	5 181017M1_6	Standard	5.000	6.66	5466.196	10570.912	2.585	4.5	-9.7	NO	1.000	NO	bb
6	6 181017M1_7	Standard	10.000	6.66	10190.660	9418.641	5.410	9.6	-4.1	NO	1.000	NO	bb
7	7 181017M1_8	Standard	50.000	6.66	49976.031	9224.065	27.090	49.1	-1.7	NO	1.000	NO	bb
8	8 181017M1_9	Standard	100.000	6.66	96640.445	9065.709	53.300	98.5	-1.5	NO	1.000	NO	bb
9	9 181017M1_10	Standard	250.000	6.66	224846.109	8611.836	130.545	255.7	2.3	NO	1.000	NO	bb
10	10 181017M1_11	Standard	500.000	6.66	395868.406	8585.996	230.531	497.0	-0.6	NO	1.000	NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: PFODA

Coefficient of Determination: R² = 0.999543

Calibration curve: -0.000231706 * x² + 0.852537 * x + 0.0234706

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, 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	1 181017M1_2	Standard	0.250	6.91	433.374	9058.204	0.239	0.3	1.2	NO	1.000	NO	bb
2	2 181017M1_3	Standard	0.500	6.91	847.393	9289.291	0.456	0.5	1.5	NO	1.000	NO	bb
3	3 181017M1_4	Standard	1.000	6.91	1804.636	9342.551	0.966	1.1	10.6	NO	1.000	NO	bb
4	4 181017M1_5	Standard	2.000	6.91	3554.943	9129.321	1.947	2.3	12.9	NO	1.000	NO	bb
5	5 181017M1_6	Standard	5.000	6.91	8128.670	10570.912	3.845	4.5	-10.2	NO	1.000	NO	bb
6	6 181017M1_7	Standard	10.000	6.91	15495.052	9418.641	8.226	9.6	-3.5	NO	1.000	NO	bb
7	7 181017M1_8	Standard	50.000	6.91	77207.781	9224.065	41.851	49.7	-0.5	NO	1.000	NO	bb
8	8 181017M1_9	Standard	100.000	6.91	146107.109	9065.709	80.582	97.1	-2.9	NO	1.000	NO	bb
9	9 181017M1_10	Standard	250.000	6.91	350831.375	8611.836	203.691	256.8	2.7	NO	1.000	NO	bb
10	10 181017M1_11	Standard	500.000	6.91	629120.438	8585.996	366.364	496.8	-0.6	NO	1.000	NO	bb

Compound name: N-MeFOSE

Coefficient of Determination: R² = 0.999364

Calibration curve: 1.67379e-005 * x² + 1.0539 * x + 0.431502

Response type: Internal Std (Ref 58), 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	1 181017M1_2	Standard	1.250	6.62	152.259	12244.576	1.865	1.4	8.8	NO	0.999	NO	bb
2	2 181017M1_3	Standard	2.500	6.63	255.751	12407.773	3.092	2.5	1.0	NO	0.999	NO	bb
3	3 181017M1_4	Standard	5.000	6.63	502.720	12344.180	6.109	5.4	7.7	NO	0.999	NO	bb
4	4 181017M1_5	Standard	10.000	6.63	931.625	12303.150	11.358	10.4	3.7	NO	0.999	NO	bb
5	5 181017M1_6	Standard	25.000	6.63	2145.384	13355.810	24.095	22.4	-10.2	NO	0.999	NO	MM
6	6 181017M1_7	Standard	50.000	6.63	4128.290	12834.997	48.246	45.3	-9.3	NO	0.999	NO	bb
7	7 181017M1_8	Standard	250.000	6.63	21799.875	12471.711	262.192	247.4	-1.0	NO	0.999	NO	bb
8	8 181017M1_9	Standard	500.000	6.63	42873.500	12517.733	513.753	483.4	-3.3	NO	0.999	NO	bb
9	9 181017M1_10	Standard	1250.000	6.63	120032.336	12948.101	1390.540	1292.5	3.4	NO	0.999	NO	bb
10	10 181017M1_11	Standard	2500.000	6.62	245127.828	13515.804	2720.458	2483.0	-0.7	NO	0.999	NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: N-EtFOSE

Coefficient of Determination: R² = 0.999599

Calibration curve: $2.04611e-005 * x^2 + 1.24508 * x + 0.437647$

Response type: Internal Std (Ref 59), 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	1 181017M1_2	Standard	1.250	6.77	151.449	11932.806	1.904	1.2	-5.8	NO	1.000	NO	bb
2	2 181017M1_3	Standard	2.500	6.77	302.050	11988.522	3.779	2.7	7.3	NO	1.000	NO	bb
3	3 181017M1_4	Standard	5.000	6.77	571.133	12324.873	6.951	5.2	4.6	NO	1.000	NO	bb
4	4 181017M1_5	Standard	10.000	6.78	1111.688	11886.710	14.029	10.9	9.1	NO	1.000	NO	bb
5	5 181017M1_6	Standard	25.000	6.77	2485.717	13096.134	28.471	22.5	-10.0	NO	1.000	NO	bb
6	6 181017M1_7	Standard	50.000	6.77	4873.000	12065.295	60.583	48.3	-3.5	NO	1.000	NO	bb
7	7 181017M1_8	Standard	250.000	6.77	24970.512	12097.205	309.623	247.3	-1.1	NO	1.000	NO	bb
8	8 181017M1_9	Standard	500.000	6.78	49248.348	12119.313	609.544	485.3	-2.9	NO	1.000	NO	bb
9	9 181017M1_10	Standard	1250.000	6.78	136653.766	12561.894	1631.765	1283.2	2.7	NO	1.000	NO	bb
10	10 181017M1_11	Standard	2500.000	6.77	282182.188	13130.288	3223.641	2487.1	-0.5	NO	1.000	NO	bb

Compound name: 13C3-PFBA

Response Factor: 0.751437

RRF SD: 0.00950455, Relative SD: 1.26485

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	1.05	6728.623	8903.056	9.447	12.6	0.6	NO		NO	bb
2	2 181017M1_3	Standard	12.500	1.05	6684.822	8868.240	9.422	12.5	0.3	NO		NO	bb
3	3 181017M1_4	Standard	12.500	1.05	7126.805	9458.876	9.418	12.5	0.3	NO		NO	bb
4	4 181017M1_5	Standard	12.500	1.05	6847.808	9020.616	9.489	12.6	1.0	NO		NO	bb
5	5 181017M1_6	Standard	12.500	1.05	7222.699	9770.112	9.241	12.3	-1.6	NO		NO	bb
6	6 181017M1_7	Standard	12.500	1.05	6814.794	8899.492	9.572	12.7	1.9	NO		NO	bb
7	7 181017M1_8	Standard	12.500	1.05	7085.982	9455.454	9.368	12.5	-0.3	NO		NO	bb
8	8 181017M1_9	Standard	12.500	1.05	6887.471	9387.220	9.171	12.2	-2.4	NO		NO	bb
9	9 181017M1_10	Standard	12.500	1.06	6863.396	9189.270	9.336	12.4	-0.6	NO		NO	bb
10	10 181017M1_11	Standard	12.500	1.05	6436.137	8499.786	9.465	12.6	0.8	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: 13C3-PFPeA

Response Factor: 0.5099

RRF SD: 0.0213598, Relative SD: 4.18902

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	2.21	14474.299	28678.754	6.309	12.4	-1.0	NO		NO	bb
2	2 181017M1_3	Standard	12.500	2.21	14372.392	28744.566	6.250	12.3	-1.9	NO		NO	bb
3	3 181017M1_4	Standard	12.500	2.21	14809.086	29829.094	6.206	12.2	-2.6	NO		NO	bb
4	4 181017M1_5	Standard	12.500	2.21	14843.913	29840.992	6.218	12.2	-2.4	NO		NO	bb
5	5 181017M1_6	Standard	12.500	2.21	15639.635	31567.883	6.193	12.1	-2.8	NO		NO	bb
6	6 181017M1_7	Standard	12.500	2.21	14161.864	28565.791	6.197	12.2	-2.8	NO		NO	bb
7	7 181017M1_8	Standard	12.500	2.21	14706.757	28368.490	6.480	12.7	1.7	NO		NO	bb
8	8 181017M1_9	Standard	12.500	2.21	14286.720	28599.717	6.244	12.2	-2.0	NO		NO	bb
9	9 181017M1_10	Standard	12.500	2.21	13904.494	26247.615	6.622	13.0	3.9	NO		NO	bb
10	10 181017M1_11	Standard	12.500	2.20	12907.747	22988.031	7.019	13.8	10.1	NO		NO	bb

Compound name: 13C3-PFBS

Response Factor: 0.533197

RRF SD: 0.0225799, Relative SD: 4.2348

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	2.58	1796.569	3116.495	7.206	13.5	8.1	NO		NO	bb
2	2 181017M1_3	Standard	12.500	2.58	1762.496	3101.355	7.104	13.3	6.6	NO		NO	bb
3	3 181017M1_4	Standard	12.500	2.58	1826.285	3427.823	6.660	12.5	-0.1	NO		NO	bb
4	4 181017M1_5	Standard	12.500	2.58	1828.057	3559.682	6.419	12.0	-3.7	NO		NO	bb
5	5 181017M1_6	Standard	12.500	2.58	1880.256	3549.515	6.622	12.4	-0.7	NO		NO	bb
6	6 181017M1_7	Standard	12.500	2.58	1683.297	3313.304	6.351	11.9	-4.7	NO		NO	bb
7	7 181017M1_8	Standard	12.500	2.58	1769.013	3415.627	6.474	12.1	-2.9	NO		NO	bb
8	8 181017M1_9	Standard	12.500	2.58	1690.969	3248.673	6.506	12.2	-2.4	NO		NO	bb
9	9 181017M1_10	Standard	12.500	2.58	1500.709	2847.575	6.588	12.4	-1.2	NO		NO	bb
10	10 181017M1_11	Standard	12.500	2.57	1343.309	2498.393	6.721	12.6	0.8	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: 13C2-4:2 FTS

Response Factor: 0.873414

RRF SD: 0.100196, Relative SD: 11.4718

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	3.09	2677.698	3116.495	10.740	12.3	-1.6	NO		NO	bb
2	2 181017M1_3	Standard	12.500	3.09	2594.274	3101.355	10.456	12.0	-4.2	NO		NO	bb
3	3 181017M1_4	Standard	12.500	3.09	2782.959	3427.823	10.148	11.6	-7.0	NO		NO	bb
4	4 181017M1_5	Standard	12.500	3.09	2803.650	3559.682	9.845	11.3	-9.8	NO		NO	bb
5	5 181017M1_6	Standard	12.500	3.09	2942.078	3549.515	10.361	11.9	-5.1	NO		NO	bb
6	6 181017M1_7	Standard	12.500	3.09	2799.049	3313.304	10.560	12.1	-3.3	NO		NO	bb
7	7 181017M1_8	Standard	12.500	3.09	3124.361	3415.627	11.434	13.1	4.7	NO		NO	bb
8	8 181017M1_9	Standard	12.500	3.09	3585.693	3248.673	13.797	15.8	26.4	NO		NO	bb
9	9 181017M1_10	Standard	12.500	3.09	4499.231	2847.575	19.750	22.6	80.9	NO		NO	bbX
10	10 181017M1_11	Standard	12.500	3.08	5950.971	2498.393	29.774	34.1	172.7	NO		NO	bbX

Compound name: 13C2-PFHxA

Response Factor: 0.875866

RRF SD: 0.0251748, Relative SD: 2.87428

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	5.000	3.17	9933.102	28678.754	4.329	4.9	-1.1	NO		NO	bb
2	2 181017M1_3	Standard	5.000	3.18	9903.562	28744.566	4.307	4.9	-1.7	NO		NO	bb
3	3 181017M1_4	Standard	5.000	3.18	10159.552	29829.094	4.257	4.9	-2.8	NO		NO	bb
4	4 181017M1_5	Standard	5.000	3.18	10198.044	29840.992	4.272	4.9	-2.5	NO		NO	bb
5	5 181017M1_6	Standard	5.000	3.18	10920.941	31567.883	4.324	4.9	-1.3	NO		NO	bb
6	6 181017M1_7	Standard	5.000	3.17	9952.996	28565.791	4.355	5.0	-0.5	NO		NO	bb
7	7 181017M1_8	Standard	5.000	3.18	10061.175	28368.490	4.433	5.1	1.2	NO		NO	bb
8	8 181017M1_9	Standard	5.000	3.18	9907.522	28599.717	4.330	4.9	-1.1	NO		NO	bb
9	9 181017M1_10	Standard	5.000	3.18	9504.184	26247.615	4.526	5.2	3.4	NO		NO	bb
10	10 181017M1_11	Standard	5.000	3.17	8567.154	22988.031	4.658	5.3	6.4	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: 13C4-PFHpA

Response Factor: 0.439811

RRF SD: 0.0110937, Relative SD: 2.52239

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	3.87	12868.577	28678.754	5.609	12.8	2.0	NO		NO	bb
2	2 181017M1_3	Standard	12.500	3.87	12955.876	28744.566	5.634	12.8	2.5	NO		NO	bb
3	3 181017M1_4	Standard	12.500	3.87	13340.570	29829.094	5.590	12.7	1.7	NO		NO	bb
4	4 181017M1_5	Standard	12.500	3.87	13259.020	29840.992	5.554	12.6	1.0	NO		NO	bb
5	5 181017M1_6	Standard	12.500	3.87	13791.906	31567.883	5.461	12.4	-0.7	NO		NO	bb
6	6 181017M1_7	Standard	12.500	3.87	12672.424	28565.791	5.545	12.6	0.9	NO		NO	bb
7	7 181017M1_8	Standard	12.500	3.87	12727.062	28368.490	5.608	12.8	2.0	NO		NO	bb
8	8 181017M1_9	Standard	12.500	3.88	12471.303	28599.717	5.451	12.4	-0.9	NO		NO	bb
9	9 181017M1_10	Standard	12.500	3.87	10998.449	26247.615	5.238	11.9	-4.7	NO		NO	bb
10	10 181017M1_11	Standard	12.500	3.86	9720.997	22988.031	5.286	12.0	-3.9	NO		NO	bb

Compound name: 18O2-PFHxS

Response Factor: 0.447584

RRF SD: 0.0230388, Relative SD: 5.14738

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	4.02	1511.425	3116.495	6.062	13.5	8.4	NO		NO	bb
2	2 181017M1_3	Standard	12.500	4.02	1423.391	3101.355	5.737	12.8	2.5	NO		NO	bb
3	3 181017M1_4	Standard	12.500	4.02	1431.830	3427.823	5.221	11.7	-6.7	NO		NO	bb
4	4 181017M1_5	Standard	12.500	4.02	1530.373	3559.682	5.374	12.0	-3.9	NO		NO	bb
5	5 181017M1_6	Standard	12.500	4.02	1598.336	3549.515	5.629	12.6	0.6	NO		NO	bb
6	6 181017M1_7	Standard	12.500	4.02	1424.830	3313.304	5.375	12.0	-3.9	NO		NO	bb
7	7 181017M1_8	Standard	12.500	4.03	1477.283	3415.627	5.406	12.1	-3.4	NO		NO	bb
8	8 181017M1_9	Standard	12.500	4.03	1438.255	3248.673	5.534	12.4	-1.1	NO		NO	bb
9	9 181017M1_10	Standard	12.500	4.02	1383.231	2847.575	6.072	13.6	8.5	NO		NO	bb
10	10 181017M1_11	Standard	12.500	4.02	1106.692	2498.393	5.537	12.4	-1.0	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: 13C2-6:2 FTS

Response Factor: 0.927952

RRF SD: 0.0905026, Relative SD: 9.75294

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	4.32	3088.560	3297.644	11.707	12.6	0.9	NO		NO	bb
2	2 181017M1_3	Standard	12.500	4.32	2889.047	3203.026	11.275	12.2	-2.8	NO		NO	bb
3	3 181017M1_4	Standard	12.500	4.32	2972.032	3401.412	10.922	11.8	-5.8	NO		NO	bb
4	4 181017M1_5	Standard	12.500	4.32	2964.289	3359.139	11.031	11.9	-4.9	NO		NO	bb
5	5 181017M1_6	Standard	12.500	4.32	3165.263	3657.686	10.817	11.7	-6.7	NO		NO	bb
6	6 181017M1_7	Standard	12.500	4.32	2917.613	3389.517	10.760	11.6	-7.2	NO		NO	bb
7	7 181017M1_8	Standard	12.500	4.32	3402.597	3501.889	12.146	13.1	4.7	NO		NO	bd
8	8 181017M1_9	Standard	12.500	4.32	3775.242	3337.876	14.138	15.2	21.9	NO		NO	bb
9	9 181017M1_10	Standard	12.500	4.32	5052.509	3085.250	20.470	22.1	76.5	NO		NO	bbX
10	10 181017M1_11	Standard	12.500	4.31	6743.295	2744.584	30.712	33.1	164.8	NO		NO	bbX

Compound name: 13C2-PFOA

Response Factor: 0.685872

RRF SD: 0.0208355, Relative SD: 3.03781

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	4.38	23415.467	34052.059	8.595	12.5	0.3	NO		NO	bb
2	2 181017M1_3	Standard	12.500	4.38	23450.719	34202.324	8.571	12.5	-0.0	NO		NO	bb
3	3 181017M1_4	Standard	12.500	4.38	23451.141	35541.223	8.248	12.0	-3.8	NO		NO	bb
4	4 181017M1_5	Standard	12.500	4.38	24524.809	35832.945	8.555	12.5	-0.2	NO		NO	bb
5	5 181017M1_6	Standard	12.500	4.38	25233.668	37979.969	8.305	12.1	-3.1	NO		NO	bb
6	6 181017M1_7	Standard	12.500	4.38	23360.439	33803.375	8.638	12.6	0.8	NO		NO	bb
7	7 181017M1_8	Standard	12.500	4.38	23364.277	34070.551	8.572	12.5	-0.0	NO		NO	bb
8	8 181017M1_9	Standard	12.500	4.38	22590.543	33908.855	8.328	12.1	-2.9	NO		NO	bb
9	9 181017M1_10	Standard	12.500	4.38	20870.430	29718.744	8.778	12.8	2.4	NO		NO	bb
10	10 181017M1_11	Standard	12.500	4.37	19321.682	26414.508	9.143	13.3	6.6	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: 13C5-PFNA

Response Factor: 0.93203

RRF SD: 0.0200374, Relative SD: 2.14987

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	4.82	22721.285	24378.580	11.650	12.5	-0.0	NO		NO	bb
2	2 181017M1_3	Standard	12.500	4.82	22642.336	23705.943	11.939	12.8	2.5	NO		NO	bb
3	3 181017M1_4	Standard	12.500	4.82	22259.793	24120.033	11.536	12.4	-1.0	NO		NO	bb
4	4 181017M1_5	Standard	12.500	4.82	21722.129	22911.230	11.851	12.7	1.7	NO		NO	bb
5	5 181017M1_6	Standard	12.500	4.82	23382.500	25428.139	11.494	12.3	-1.3	NO		NO	bb
6	6 181017M1_7	Standard	12.500	4.82	21420.209	23139.883	11.571	12.4	-0.7	NO		NO	bb
7	7 181017M1_8	Standard	12.500	4.82	21107.584	23564.729	11.197	12.0	-3.9	NO		NO	bb
8	8 181017M1_9	Standard	12.500	4.83	21135.033	22856.816	11.558	12.4	-0.8	NO		NO	bb
9	9 181017M1_10	Standard	12.500	4.82	18889.254	20303.363	11.629	12.5	-0.2	NO		NO	bb
10	10 181017M1_11	Standard	12.500	4.81	17134.189	17733.773	12.077	13.0	3.7	NO		NO	bb

Compound name: 13C8-PFOSA

Response Factor: 0.125218

RRF SD: 0.0140707, Relative SD: 11.2369

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	4.86	3726.108	30252.744	1.540	12.3	-1.6	NO		NO	bb
2	2 181017M1_3	Standard	12.500	4.86	3759.031	31594.219	1.487	11.9	-5.0	NO		NO	bb
3	3 181017M1_4	Standard	12.500	4.86	3911.285	32528.521	1.503	12.0	-4.0	NO		NO	bb
4	4 181017M1_5	Standard	12.500	4.86	3742.762	31008.506	1.509	12.0	-3.6	NO		NO	bb
5	5 181017M1_6	Standard	12.500	4.86	3996.267	33515.398	1.490	11.9	-4.8	NO		NO	bb
6	6 181017M1_7	Standard	12.500	4.86	3565.392	31408.906	1.419	11.3	-9.3	NO		NO	bb
7	7 181017M1_8	Standard	12.500	4.86	3795.797	30775.967	1.542	12.3	-1.5	NO		NO	bd
8	8 181017M1_9	Standard	12.500	4.86	3460.932	30079.875	1.438	11.5	-8.1	NO		NO	bb
9	9 181017M1_10	Standard	12.500	4.86	3628.593	26480.104	1.713	13.7	9.4	NO		NO	bb
10	10 181017M1_11	Standard	12.500	4.85	3591.539	22319.035	2.011	16.1	28.5	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: 13C8-PFOS

Response Factor: 1.03223

RRF SD: 0.0293297, Relative SD: 2.84139

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	4.91	3379.912	3297.644	12.812	12.4	-0.7	NO		NO	bb
2	2 181017M1_3	Standard	12.500	4.91	3404.981	3203.026	13.288	12.9	3.0	NO		NO	bb
3	3 181017M1_4	Standard	12.500	4.91	3538.399	3401.412	13.003	12.6	0.8	NO		NO	bb
4	4 181017M1_5	Standard	12.500	4.91	3629.524	3359.139	13.506	13.1	4.7	NO		NO	bb
5	5 181017M1_6	Standard	12.500	4.91	3831.895	3657.686	13.095	12.7	1.5	NO		NO	bb
6	6 181017M1_7	Standard	12.500	4.92	3474.071	3389.517	12.812	12.4	-0.7	NO		NO	bb
7	7 181017M1_8	Standard	12.500	4.92	3517.908	3501.889	12.557	12.2	-2.7	NO		NO	bb
8	8 181017M1_9	Standard	12.500	4.92	3386.156	3337.876	12.681	12.3	-1.7	NO		NO	bb
9	9 181017M1_10	Standard	12.500	4.91	3019.821	3085.250	12.235	11.9	-5.2	NO		NO	bb
10	10 181017M1_11	Standard	12.500	4.90	2862.985	2744.584	13.039	12.6	1.1	NO		NO	MM

Compound name: 13C2-PFDA

Response Factor: 0.790324

RRF SD: 0.0101986, Relative SD: 1.29044

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	5.21	21245.809	26516.740	10.015	12.7	1.4	NO		NO	bb
2	2 181017M1_3	Standard	12.500	5.20	21310.875	27163.367	9.807	12.4	-0.7	NO		NO	bb
3	3 181017M1_4	Standard	12.500	5.21	21389.258	27377.904	9.766	12.4	-1.1	NO		NO	bb
4	4 181017M1_5	Standard	12.500	5.21	21729.295	27753.092	9.787	12.4	-0.9	NO		NO	bb
5	5 181017M1_6	Standard	12.500	5.21	23102.283	29856.266	9.672	12.2	-2.1	NO		NO	bb
6	6 181017M1_7	Standard	12.500	5.21	20799.936	26119.285	9.954	12.6	0.8	NO		NO	bb
7	7 181017M1_8	Standard	12.500	5.21	20946.676	26384.496	9.924	12.6	0.5	NO		NO	bb
8	8 181017M1_9	Standard	12.500	5.21	20606.867	26007.336	9.904	12.5	0.3	NO		NO	bb
9	9 181017M1_10	Standard	12.500	5.20	18770.455	23798.584	9.859	12.5	-0.2	NO		NO	bb
10	10 181017M1_11	Standard	12.500	5.20	17002.283	21038.271	10.102	12.8	2.3	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: 13C2-8:2 FTS

Response Factor: 0.739469

RRF SD: 0.112084, Relative SD: 15.1574

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	5.18	2330.336	3297.644	8.833	11.9	-4.4	NO		NO	bb
2	2 181017M1_3	Standard	12.500	5.17	2396.233	3203.026	9.351	12.6	1.2	NO		NO	bb
3	3 181017M1_4	Standard	12.500	5.18	2040.859	3401.412	7.500	10.1	-18.9	NO		NO	bb
4	4 181017M1_5	Standard	12.500	5.18	2310.042	3359.139	8.596	11.6	-7.0	NO		NO	bb
5	5 181017M1_6	Standard	12.500	5.18	2439.688	3657.686	8.338	11.3	-9.8	NO		NO	bb
6	6 181017M1_7	Standard	12.500	5.18	2444.599	3389.517	9.015	12.2	-2.5	NO		NO	bb
7	7 181017M1_8	Standard	12.500	5.18	2851.777	3501.889	10.179	13.8	10.1	NO		NO	bb
8	8 181017M1_9	Standard	12.500	5.18	3240.059	3337.876	12.134	16.4	31.3	NO		NO	bb
9	9 181017M1_10	Standard	12.500	5.17	4561.289	3085.250	18.480	25.0	99.9	NO		NO	bbX
10	10 181017M1_11	Standard	12.500	5.16	6532.479	2744.584	29.752	40.2	221.9	NO		NO	bbX

Compound name: d3-N-MeFOSAA

Response Factor: 0.132458

RRF SD: 0.0114129, Relative SD: 8.61619

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	5.36	4023.910	30252.744	1.663	12.6	0.4	NO		NO	bb
2	2 181017M1_3	Standard	12.500	5.36	3986.457	31594.219	1.577	11.9	-4.7	NO		NO	bb
3	3 181017M1_4	Standard	12.500	5.36	3971.024	32528.521	1.526	11.5	-7.8	NO		NO	bb
4	4 181017M1_5	Standard	12.500	5.36	3904.031	31008.506	1.574	11.9	-4.9	NO		NO	bb
5	5 181017M1_6	Standard	12.500	5.36	4322.993	33515.398	1.612	12.2	-2.6	NO		NO	bb
6	6 181017M1_7	Standard	12.500	5.36	4062.381	31408.906	1.617	12.2	-2.4	NO		NO	bb
7	7 181017M1_8	Standard	12.500	5.36	4015.609	30775.967	1.631	12.3	-1.5	NO		NO	bb
8	8 181017M1_9	Standard	12.500	5.37	3788.729	30079.875	1.574	11.9	-4.9	NO		NO	bb
9	9 181017M1_10	Standard	12.500	5.36	3741.438	26480.104	1.766	13.3	6.7	NO		NO	MM
10	10 181017M1_11	Standard	12.500	5.35	3601.570	22319.035	2.017	15.2	21.8	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: 13C2-PFUDA

Response Factor: 0.904573

RRF SD: 0.0241421, Relative SD: 2.6689

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	5.54	27793.299	30252.744	11.484	12.7	1.6	NO		NO	bb
2	2 181017M1_3	Standard	12.500	5.54	27541.883	31594.219	10.897	12.0	-3.6	NO		NO	bb
3	3 181017M1_4	Standard	12.500	5.54	29124.047	32528.521	11.192	12.4	-1.0	NO		NO	bb
4	4 181017M1_5	Standard	12.500	5.54	28247.559	31008.506	11.387	12.6	0.7	NO		NO	bb
5	5 181017M1_6	Standard	12.500	5.54	31105.836	33515.398	11.601	12.8	2.6	NO		NO	bb
6	6 181017M1_7	Standard	12.500	5.54	27465.488	31408.906	10.931	12.1	-3.3	NO		NO	bb
7	7 181017M1_8	Standard	12.500	5.54	27451.023	30775.967	11.150	12.3	-1.4	NO		NO	bb
8	8 181017M1_9	Standard	12.500	5.55	26909.113	30079.875	11.182	12.4	-1.1	NO		NO	bb
9	9 181017M1_10	Standard	12.500	5.54	24083.893	26480.104	11.369	12.6	0.5	NO		NO	bb
10	10 181017M1_11	Standard	12.500	5.53	21211.344	22319.035	11.880	13.1	5.1	NO		NO	bb

Compound name: d5-N-EtFOSAA

Response Factor: 0.173894

RRF SD: 0.00521755, Relative SD: 3.00041

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	5.52	5570.023	30252.744	2.301	13.2	5.9	NO		NO	bb
2	2 181017M1_3	Standard	12.500	5.52	5384.351	31594.219	2.130	12.3	-2.0	NO		NO	bb
3	3 181017M1_4	Standard	12.500	5.52	5604.410	32528.521	2.154	12.4	-0.9	NO		NO	bb
4	4 181017M1_5	Standard	12.500	5.52	5339.136	31008.506	2.152	12.4	-1.0	NO		NO	bb
5	5 181017M1_6	Standard	12.500	5.52	5803.104	33515.398	2.164	12.4	-0.4	NO		NO	bb
6	6 181017M1_7	Standard	12.500	5.52	5516.570	31408.906	2.195	12.6	1.0	NO		NO	bb
7	7 181017M1_8	Standard	12.500	5.52	5306.871	30775.967	2.155	12.4	-0.8	NO		NO	bb
8	8 181017M1_9	Standard	12.500	5.52	4940.085	30079.875	2.053	11.8	-5.6	NO		NO	MM
9	9 181017M1_10	Standard	12.500	5.52	4716.306	26480.104	2.226	12.8	2.4	NO		NO	bb
10	10 181017M1_11	Standard	12.500	5.51	3936.430	22319.035	2.205	12.7	1.4	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time
 Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: 13C2-PFDoA

Response Factor: 0.976925

RRF SD: 0.0153774, Relative SD: 1.57406

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	5.83	25775.711	26516.740	12.151	12.4	-0.5	NO		NO	bb
2	2 181017M1_3	Standard	12.500	5.83	25961.422	27163.367	11.947	12.2	-2.2	NO		NO	bb
3	3 181017M1_4	Standard	12.500	5.83	27164.064	27377.904	12.402	12.7	1.6	NO		NO	bb
4	4 181017M1_5	Standard	12.500	5.83	26590.180	27753.092	11.976	12.3	-1.9	NO		NO	bb
5	5 181017M1_6	Standard	12.500	5.83	28919.598	29856.266	12.108	12.4	-0.8	NO		NO	bb
6	6 181017M1_7	Standard	12.500	5.83	25559.652	26119.285	12.232	12.5	0.2	NO		NO	bb
7	7 181017M1_8	Standard	12.500	5.83	26409.156	26384.496	12.512	12.8	2.5	NO		NO	bb
8	8 181017M1_9	Standard	12.500	5.84	25526.707	26007.336	12.269	12.6	0.5	NO		NO	bb
9	9 181017M1_10	Standard	12.500	5.83	23016.629	23798.584	12.089	12.4	-1.0	NO		NO	bb
10	10 181017M1_11	Standard	12.500	5.83	20919.529	21038.271	12.429	12.7	1.8	NO		NO	bb

Compound name: d3-N-MeFOSA

Response Factor: 0.0362943

RRF SD: 0.00595136, Relative SD: 16.3975

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	150.000	5.76	12068.413	30252.744	4.986	137.4	-8.4	NO		NO	bb
2	2 181017M1_3	Standard	150.000	5.76	12293.156	31594.219	4.864	134.0	-10.7	NO		NO	MM
3	3 181017M1_4	Standard	150.000	5.76	12585.599	32528.521	4.836	133.3	-11.2	NO		NO	bb
4	4 181017M1_5	Standard	150.000	5.76	12949.487	31008.506	5.220	143.8	-4.1	NO		NO	bb
5	5 181017M1_6	Standard	150.000	5.76	13690.793	33515.398	5.106	140.7	-6.2	NO		NO	bb
6	6 181017M1_7	Standard	150.000	5.76	12507.746	31408.906	4.978	137.2	-8.6	NO		NO	bb
7	7 181017M1_8	Standard	150.000	5.76	13057.956	30775.967	5.304	146.1	-2.6	NO		NO	bb
8	8 181017M1_9	Standard	150.000	5.77	12786.806	30079.875	5.314	146.4	-2.4	NO		NO	bb
9	9 181017M1_10	Standard	150.000	5.76	12817.399	26480.104	6.050	166.7	11.1	NO		NO	bb
10	10 181017M1_11	Standard	150.000	5.74	13896.707	22319.035	7.783	214.4	43.0	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time
 Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: 13C2-PFTeDA

Response Factor: 0.518225
 RRF SD: 0.0463837, Relative SD: 8.9505
 Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
 Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	6.30	14868.194	30252.744	6.143	11.9	-5.2	NO		NO	bb
2	2 181017M1_3	Standard	12.500	6.30	15436.853	31594.219	6.107	11.8	-5.7	NO		NO	bb
3	3 181017M1_4	Standard	12.500	6.30	16494.850	32528.521	6.339	12.2	-2.1	NO		NO	bb
4	4 181017M1_5	Standard	12.500	6.30	16077.877	31008.506	6.481	12.5	0.1	NO		NO	bb
5	5 181017M1_6	Standard	12.500	6.31	16681.258	33515.398	6.221	12.0	-4.0	NO		NO	bb
6	6 181017M1_7	Standard	12.500	6.31	15215.241	31408.906	6.055	11.7	-6.5	NO		NO	bb
7	7 181017M1_8	Standard	12.500	6.31	15291.787	30775.967	6.211	12.0	-4.1	NO		NO	bb
8	8 181017M1_9	Standard	12.500	6.31	15341.873	30079.875	6.375	12.3	-1.6	NO		NO	bb
9	9 181017M1_10	Standard	12.500	6.31	14517.536	26480.104	6.853	13.2	5.8	NO		NO	bb
10	10 181017M1_11	Standard	12.500	6.30	14268.468	22319.035	7.991	15.4	23.4	NO		NO	bb

Compound name: d5-N-ETFOSA

Response Factor: 0.0495297
 RRF SD: 0.00478119, Relative SD: 9.65319
 Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
 Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	150.000	6.28	17227.547	30252.744	7.118	143.7	-4.2	NO		NO	bb
2	2 181017M1_3	Standard	150.000	6.28	17415.018	31594.219	6.890	139.1	-7.3	NO		NO	bb
3	3 181017M1_4	Standard	150.000	6.28	18367.025	32528.521	7.058	142.5	-5.0	NO		NO	bb
4	4 181017M1_5	Standard	150.000	6.28	17611.197	31008.506	7.099	143.3	-4.4	NO		NO	bb
5	5 181017M1_6	Standard	150.000	6.29	19072.668	33515.398	7.113	143.6	-4.3	NO		NO	bb
6	6 181017M1_7	Standard	150.000	6.28	17733.355	31408.906	7.057	142.5	-5.0	NO		NO	bb
7	7 181017M1_8	Standard	150.000	6.29	17847.400	30775.967	7.249	146.4	-2.4	NO		NO	bb
8	8 181017M1_9	Standard	150.000	6.29	17685.859	30079.875	7.350	148.4	-1.1	NO		NO	bb
9	9 181017M1_10	Standard	150.000	6.28	17236.002	26480.104	8.136	164.3	9.5	NO		NO	bb
10	10 181017M1_11	Standard	150.000	6.27	16468.234	22319.035	9.223	186.2	24.1	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: 13C2-PFHxDA

Response Factor: 0.775339

RRF SD: 0.0709655, Relative SD: 9.15284

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	5.000	6.66	9058.204	30252.744	3.743	4.8	-3.5	NO		NO	bb
2	2 181017M1_3	Standard	5.000	6.66	9289.291	31594.219	3.675	4.7	-5.2	NO		NO	bb
3	3 181017M1_4	Standard	5.000	6.66	9342.551	32528.521	3.590	4.6	-7.4	NO		NO	bb
4	4 181017M1_5	Standard	5.000	6.66	9129.321	31008.506	3.680	4.7	-5.1	NO		NO	bb
5	5 181017M1_6	Standard	5.000	6.66	10570.912	33515.398	3.943	5.1	1.7	NO		NO	bb
6	6 181017M1_7	Standard	5.000	6.66	9418.641	31408.906	3.748	4.8	-3.3	NO		NO	bb
7	7 181017M1_8	Standard	5.000	6.66	9224.065	30775.967	3.746	4.8	-3.4	NO		NO	bb
8	8 181017M1_9	Standard	5.000	6.66	9065.709	30079.875	3.767	4.9	-2.8	NO		NO	bb
9	9 181017M1_10	Standard	5.000	6.66	8611.836	26480.104	4.065	5.2	4.9	NO		NO	bb
10	10 181017M1_11	Standard	5.000	6.66	8585.996	22319.035	4.809	6.2	24.0	NO		NO	bb

Compound name: d7-N-MeFOSE

Response Factor: 0.0358067

RRF SD: 0.00570897, Relative SD: 15.9439

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	150.000	6.62	12244.576	30252.744	5.059	141.3	-5.8	NO		NO	bb
2	2 181017M1_3	Standard	150.000	6.62	12407.773	31594.219	4.909	137.1	-8.6	NO		NO	bb
3	3 181017M1_4	Standard	150.000	6.62	12344.180	32528.521	4.744	132.5	-11.7	NO		NO	bb
4	4 181017M1_5	Standard	150.000	6.62	12303.150	31008.506	4.960	138.5	-7.7	NO		NO	bb
5	5 181017M1_6	Standard	150.000	6.62	13355.810	33515.398	4.981	139.1	-7.3	NO		NO	bb
6	6 181017M1_7	Standard	150.000	6.62	12834.997	31408.906	5.108	142.7	-4.9	NO		NO	bb
7	7 181017M1_8	Standard	150.000	6.62	12471.711	30775.967	5.066	141.5	-5.7	NO		NO	bb
8	8 181017M1_9	Standard	150.000	6.62	12517.733	30079.875	5.202	145.3	-3.1	NO		NO	bb
9	9 181017M1_10	Standard	150.000	6.62	12948.101	26480.104	6.112	170.7	13.8	NO		NO	bb
10	10 181017M1_11	Standard	150.000	6.62	13515.804	22319.035	7.570	211.4	40.9	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: d9-N-EtFOSE

Response Factor: 0.0347473

RRF SD: 0.0055334, Relative SD: 15.9247

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	150.000	6.76	11932.806	30252.744	4.930	141.9	-5.4	NO		NO	bb
2	2 181017M1_3	Standard	150.000	6.76	11988.522	31594.219	4.743	136.5	-9.0	NO		NO	bb
3	3 181017M1_4	Standard	150.000	6.76	12324.873	32528.521	4.736	136.3	-9.1	NO		NO	bb
4	4 181017M1_5	Standard	150.000	6.77	11886.710	31008.506	4.792	137.9	-8.1	NO		NO	bb
5	5 181017M1_6	Standard	150.000	6.77	13096.134	33515.398	4.884	140.6	-6.3	NO		NO	bb
6	6 181017M1_7	Standard	150.000	6.76	12065.295	31408.906	4.802	138.2	-7.9	NO		NO	bb
7	7 181017M1_8	Standard	150.000	6.77	12097.205	30775.967	4.913	141.4	-5.7	NO		NO	bb
8	8 181017M1_9	Standard	150.000	6.77	12119.313	30079.875	5.036	144.9	-3.4	NO		NO	bb
9	9 181017M1_10	Standard	150.000	6.77	12561.894	26480.104	5.930	170.7	13.8	NO		NO	bb
10	10 181017M1_11	Standard	150.000	6.76	13130.288	22319.035	7.354	211.6	41.1	NO		NO	bb

Compound name: 13C4-PFBA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	1.06	8903.056	8903.056	12.500	12.5	0.0	NO		NO	bb
2	2 181017M1_3	Standard	12.500	1.06	8868.240	8868.240	12.500	12.5	0.0	NO		NO	bb
3	3 181017M1_4	Standard	12.500	1.06	9458.876	9458.876	12.500	12.5	0.0	NO		NO	bb
4	4 181017M1_5	Standard	12.500	1.06	9020.616	9020.616	12.500	12.5	0.0	NO		NO	bb
5	5 181017M1_6	Standard	12.500	1.06	9770.112	9770.112	12.500	12.5	0.0	NO		NO	bb
6	6 181017M1_7	Standard	12.500	1.06	8899.492	8899.492	12.500	12.5	0.0	NO		NO	bb
7	7 181017M1_8	Standard	12.500	1.06	9455.454	9455.454	12.500	12.5	0.0	NO		NO	bb
8	8 181017M1_9	Standard	12.500	1.06	9387.220	9387.220	12.500	12.5	0.0	NO		NO	bb
9	9 181017M1_10	Standard	12.500	1.06	9189.270	9189.270	12.500	12.5	0.0	NO		NO	bb
10	10 181017M1_11	Standard	12.500	1.05	8499.786	8499.786	12.500	12.5	0.0	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: 13C5-PFHxA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	3.17	28678.754	28678.754	12.500	12.5	0.0	NO		NO	bb
2	2 181017M1_3	Standard	12.500	3.18	28744.566	28744.566	12.500	12.5	0.0	NO		NO	bb
3	3 181017M1_4	Standard	12.500	3.18	29829.094	29829.094	12.500	12.5	0.0	NO		NO	bb
4	4 181017M1_5	Standard	12.500	3.18	29840.992	29840.992	12.500	12.5	0.0	NO		NO	bb
5	5 181017M1_6	Standard	12.500	3.18	31567.883	31567.883	12.500	12.5	0.0	NO		NO	bb
6	6 181017M1_7	Standard	12.500	3.17	28565.791	28565.791	12.500	12.5	0.0	NO		NO	bb
7	7 181017M1_8	Standard	12.500	3.18	28368.490	28368.490	12.500	12.5	0.0	NO		NO	bb
8	8 181017M1_9	Standard	12.500	3.18	28599.717	28599.717	12.500	12.5	0.0	NO		NO	bb
9	9 181017M1_10	Standard	12.500	3.18	26247.615	26247.615	12.500	12.5	0.0	NO		NO	bb
10	10 181017M1_11	Standard	12.500	3.17	22988.031	22988.031	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C3-PFHxS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	4.02	3116.495	3116.495	12.500	12.5	0.0	NO		NO	bb
2	2 181017M1_3	Standard	12.500	4.02	3101.355	3101.355	12.500	12.5	0.0	NO		NO	bb
3	3 181017M1_4	Standard	12.500	4.02	3427.823	3427.823	12.500	12.5	0.0	NO		NO	bb
4	4 181017M1_5	Standard	12.500	4.02	3559.682	3559.682	12.500	12.5	0.0	NO		NO	bb
5	5 181017M1_6	Standard	12.500	4.02	3549.515	3549.515	12.500	12.5	0.0	NO		NO	bb
6	6 181017M1_7	Standard	12.500	4.02	3313.304	3313.304	12.500	12.5	0.0	NO		NO	bb
7	7 181017M1_8	Standard	12.500	4.02	3415.627	3415.627	12.500	12.5	0.0	NO		NO	bd
8	8 181017M1_9	Standard	12.500	4.03	3248.673	3248.673	12.500	12.5	0.0	NO		NO	bb
9	9 181017M1_10	Standard	12.500	4.02	2847.575	2847.575	12.500	12.5	0.0	NO		NO	bb
10	10 181017M1_11	Standard	12.500	4.01	2498.393	2498.393	12.500	12.5	0.0	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: 13C8-PFOA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	4.38	34052.059	34052.059	12.500	12.5	0.0	NO		NO	bb
2	2 181017M1_3	Standard	12.500	4.38	34202.324	34202.324	12.500	12.5	0.0	NO		NO	bb
3	3 181017M1_4	Standard	12.500	4.38	35541.223	35541.223	12.500	12.5	0.0	NO		NO	bb
4	4 181017M1_5	Standard	12.500	4.38	35832.945	35832.945	12.500	12.5	0.0	NO		NO	bb
5	5 181017M1_6	Standard	12.500	4.38	37979.969	37979.969	12.500	12.5	0.0	NO		NO	bb
6	6 181017M1_7	Standard	12.500	4.38	33803.375	33803.375	12.500	12.5	0.0	NO		NO	bb
7	7 181017M1_8	Standard	12.500	4.38	34070.551	34070.551	12.500	12.5	0.0	NO		NO	bb
8	8 181017M1_9	Standard	12.500	4.38	33908.855	33908.855	12.500	12.5	0.0	NO		NO	bb
9	9 181017M1_10	Standard	12.500	4.38	29718.744	29718.744	12.500	12.5	0.0	NO		NO	bb
10	10 181017M1_11	Standard	12.500	4.37	26414.508	26414.508	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C9-PFNA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	4.82	24378.580	24378.580	12.500	12.5	0.0	NO		NO	bb
2	2 181017M1_3	Standard	12.500	4.82	23705.943	23705.943	12.500	12.5	0.0	NO		NO	bb
3	3 181017M1_4	Standard	12.500	4.82	24120.033	24120.033	12.500	12.5	0.0	NO		NO	bb
4	4 181017M1_5	Standard	12.500	4.82	22911.230	22911.230	12.500	12.5	0.0	NO		NO	bb
5	5 181017M1_6	Standard	12.500	4.82	25428.139	25428.139	12.500	12.5	0.0	NO		NO	bb
6	6 181017M1_7	Standard	12.500	4.82	23139.883	23139.883	12.500	12.5	0.0	NO		NO	bb
7	7 181017M1_8	Standard	12.500	4.82	23564.729	23564.729	12.500	12.5	0.0	NO		NO	bb
8	8 181017M1_9	Standard	12.500	4.83	22856.816	22856.816	12.500	12.5	0.0	NO		NO	bb
9	9 181017M1_10	Standard	12.500	4.82	20303.363	20303.363	12.500	12.5	0.0	NO		NO	bb
10	10 181017M1_11	Standard	12.500	4.81	17733.773	17733.773	12.500	12.5	0.0	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: 13C4-PFOS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	4.91	3297.644	3297.644	12.500	12.5	0.0	NO		NO	MM
2	2 181017M1_3	Standard	12.500	4.91	3203.026	3203.026	12.500	12.5	0.0	NO		NO	bb
3	3 181017M1_4	Standard	12.500	4.91	3401.412	3401.412	12.500	12.5	0.0	NO		NO	bb
4	4 181017M1_5	Standard	12.500	4.91	3359.139	3359.139	12.500	12.5	0.0	NO		NO	bb
5	5 181017M1_6	Standard	12.500	4.92	3657.686	3657.686	12.500	12.5	0.0	NO		NO	bb
6	6 181017M1_7	Standard	12.500	4.92	3389.517	3389.517	12.500	12.5	0.0	NO		NO	bb
7	7 181017M1_8	Standard	12.500	4.92	3501.889	3501.889	12.500	12.5	0.0	NO		NO	bb
8	8 181017M1_9	Standard	12.500	4.92	3337.876	3337.876	12.500	12.5	0.0	NO		NO	bb
9	9 181017M1_10	Standard	12.500	4.91	3085.250	3085.250	12.500	12.5	0.0	NO		NO	bb
10	10 181017M1_11	Standard	12.500	4.90	2744.584	2744.584	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 66), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	5.20	26516.740	26516.740	12.500	12.5	0.0	NO		NO	bb
2	2 181017M1_3	Standard	12.500	5.20	27163.367	27163.367	12.500	12.5	0.0	NO		NO	bb
3	3 181017M1_4	Standard	12.500	5.21	27377.904	27377.904	12.500	12.5	0.0	NO		NO	bb
4	4 181017M1_5	Standard	12.500	5.20	27753.092	27753.092	12.500	12.5	0.0	NO		NO	bb
5	5 181017M1_6	Standard	12.500	5.21	29856.266	29856.266	12.500	12.5	0.0	NO		NO	bb
6	6 181017M1_7	Standard	12.500	5.21	26119.285	26119.285	12.500	12.5	0.0	NO		NO	bb
7	7 181017M1_8	Standard	12.500	5.21	26384.496	26384.496	12.500	12.5	0.0	NO		NO	bb
8	8 181017M1_9	Standard	12.500	5.21	26007.336	26007.336	12.500	12.5	0.0	NO		NO	bb
9	9 181017M1_10	Standard	12.500	5.20	23798.584	23798.584	12.500	12.5	0.0	NO		NO	bb
10	10 181017M1_11	Standard	12.500	5.20	21038.271	21038.271	12.500	12.5	0.0	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:19:32 Pacific Daylight Time

Compound name: 13C7-PFUdA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181017M1_2	Standard	12.500	5.54	30252.744	30252.744	12.500	12.5	0.0	NO		NO	bb
2	2 181017M1_3	Standard	12.500	5.54	31594.219	31594.219	12.500	12.5	0.0	NO		NO	bb
3	3 181017M1_4	Standard	12.500	5.54	32528.521	32528.521	12.500	12.5	0.0	NO		NO	bb
4	4 181017M1_5	Standard	12.500	5.54	31008.506	31008.506	12.500	12.5	0.0	NO		NO	bb
5	5 181017M1_6	Standard	12.500	5.54	33515.398	33515.398	12.500	12.5	0.0	NO		NO	bb
6	6 181017M1_7	Standard	12.500	5.54	31408.906	31408.906	12.500	12.5	0.0	NO		NO	bb
7	7 181017M1_8	Standard	12.500	5.54	30775.967	30775.967	12.500	12.5	0.0	NO		NO	bb
8	8 181017M1_9	Standard	12.500	5.54	30079.875	30079.875	12.500	12.5	0.0	NO		NO	bb
9	9 181017M1_10	Standard	12.500	5.54	26480.104	26480.104	12.500	12.5	0.0	NO		NO	bb
10	10 181017M1_11	Standard	12.500	5.53	22319.035	22319.035	12.500	12.5	0.0	NO		NO	bb

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:15:50 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 13:13:00

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801

	# Name	IS#	CoD	CoD Flag	%RSD
1	1 PFBA	36	0.9998	NO	
2	2 PFPeA	37	0.9998	NO	
3	3 PFBS	38	0.9992	NO	
4	4 4:2 FTS	39	0.9996	NO	
5	5 PFHxA	40	0.9998	NO	
6	6 PFPeS	38	0.9991	NO	
7	7 PFHpA	41	0.9995	NO	
8	8 L-PFHxS	42	0.9996	NO	
9	10 6:2 FTS	43	0.9984	NO	
10	11 L-PFOA	44	0.9992	NO	
11	13 PFHpS	47	0.9990	NO	
12	14 PFNA	45	0.9992	NO	
13	15 PFOSA	46	0.9996	NO	
14	16 L-PFOS	47	0.9988	NO	
15	18 PFDA	48	0.9996	NO	
16	19 8:2 FTS	49	0.9986	NO	
17	20 PFNS	47	0.9989	NO	
18	21 L-MeFOSAA	50	0.9997	NO	
19	23 L-EtFOSAA	52	0.9997	NO	

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:15:57 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 13:13:00

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801

#	Name	IS#	CoD	CoD Flag	%RSD
1	25 PFUdA	51	0.9995	NO	
2	26 PFDS	47	1.0000	NO	
3	27 PFDoA	53	0.9995	NO	
4	28 N-MeFOSA	54	0.9992	NO	
5	29 PFTrDA	53	0.9998	NO	
6	30 PFTeDA	55	0.9999	NO	
7	31 N-EtFOSA	56	0.9998	NO	
8	32 PFHxDA	57	0.9996	NO	
9	33 PFODA	57	0.9995	NO	
10	34 N-MeFOSE	58	0.9994	NO	
11	35 N-EtFOSE	59	0.9996	NO	
12	36 13C3-PFBA	60		NO	1.265
13	37 13C3-PFPeA	61		NO	4.189
14	38 13C3-PFBS	62		NO	4.235
15	39 13C2-4:2 FTS	62		NO	11.472
16	40 13C2-PFHxA	61		NO	2.874
17	41 13C4-PFHpA	61		NO	2.522
18	42 18O2-PFHxS	62		NO	5.147
19	43 13C2-6:2 FTS	65		NO	9.753
20	44 13C2-PFOA	63		NO	3.038
21	45 13C5-PFNA	64		NO	2.150
22	46 13C8-PFOSA	67		NO	11.237
23	47 13C8-PFOS	65		NO	2.841
24	48 13C2-PFDA	66		NO	1.290
25	49 13C2-8:2 FTS	65		NO	15.157
26	50 d3-N-MeFOSAA	67		NO	8.616
27	51 13C2-PFUdA	67		NO	2.669
28	52 d5-N-EtFOSAA	67		NO	3.000
29	53 13C2-PFDoA	66		NO	1.574
30	54 d3-N-MeFOSA	67		NO	16.398
31	55 13C2-PFTeDA	67		NO	8.951
32	56 d5-N-ETFOSA	67		NO	9.653

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:15:57 Pacific Daylight Time

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801

	# Name	IS#	CoD	CoD Flag	%RSD
33	57 13C2-PFHxDA	67		NO	9.153
34	58 d7-N-MeFOSE	67		NO	15.944
35	59 d9-N-EtFOSE	67		NO	15.925
36	60 13C4-PFBA	60		NO	0.000
37	61 13C5-PFHxA	61		NO	0.000
38	62 13C3-PFHxS	62		NO	0.000
39	63 13C8-PFOA	63		NO	0.000
40	64 13C9-PFNA	64		NO	0.000
41	65 13C4-PFOS	65		NO	0.000
42	66 13C6-PFDA	66		NO	0.000
43	67 13C7-PFUdA	67		NO	0.000

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:12:23 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 11:51:35

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806

	Name	Ion Ratio	Ratio out?
1	PFBA		
2	PFPeA		
3	PFBS	2.792	NO
4	4:2 FTS	1.812	NO
5	PFHxA	15.102	NO
6	PFPeS	1.623	NO
7	PFHpA	11.227	NO
8	L-PFHxS	1.743	NO
9	6:2 FTS	3.279	NO
10	L-PFOA	3.541	NO
11	PFHpS	1.815	NO
12	PFNA	4.162	NO
13	PFOSA	26.653	NO
14	L-PFOS	1.910	NO
15	PFDA	5.699	NO
16	8:2 FTS	2.331	NO
17	PFNS	1.414	NO
18	L-MeFOSAA	2.715	NO
19	L-EtFOSAA	1.489	NO

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:12:39 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 11:51:35

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806

	Name	Ion Ratio	Ratio out?
1	PFUdA	8.705	NO
2	PFDS	1.750	NO
3	PFDoA	8.232	NO
4	N-MeFOSA	1.417	NO
5	PFTTrDA	23.392	NO
6	PFTeDA	13.569	NO
7	N-EtFOSA	1.654	NO
8	PFHxDA	19.083	NO
9	PFODA		
10	N-MeFOSE		
11	N-EtFOSE		

Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:15:03 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:15:46 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 11:51:35

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 181017M1_1	IPA	17-Oct-18	12:07:22
2	2 181017M1_2	ST181017M1-1 PFC CS-2 18J0801	17-Oct-18	12:17:56
3	3 181017M1_3	ST181017M1-2 PFC CS-1 18J0802	17-Oct-18	12:28:34
4	4 181017M1_4	ST181017M1-3 PFC CS0 18J0803	17-Oct-18	12:39:07
5	5 181017M1_5	ST181017M1-4 PFC CS1 18J0804	17-Oct-18	12:49:46
6	6 181017M1_6	ST181017M1-5 PFC CS2 18J0805	17-Oct-18	13:00:24
7	7 181017M1_7	ST181017M1-6 PFC CS3 18J0806	17-Oct-18	13:10:57
8	8 181017M1_8	ST181017M1-7 PFC CS4 18J0807	17-Oct-18	13:21:27
9	9 181017M1_9	ST181017M1-8 PFC CS5 18J0808	17-Oct-18	13:32:06
10	10 181017M1_10	ST181017M1-9 PFC CS6 18J0809	17-Oct-18	13:42:39
11	11 181017M1_11	ST181017M1-10 PFC CS7 18J0810	17-Oct-18	13:53:18
12	12 181017M1_12	IPA	17-Oct-18	14:03:50
13	13 181017M1_13	ICV181017M1-1 PFC ICV 18J0811	17-Oct-18	14:14:29
14	14 181017M1_14	IPA	17-Oct-18	14:25:02

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 11:51:35

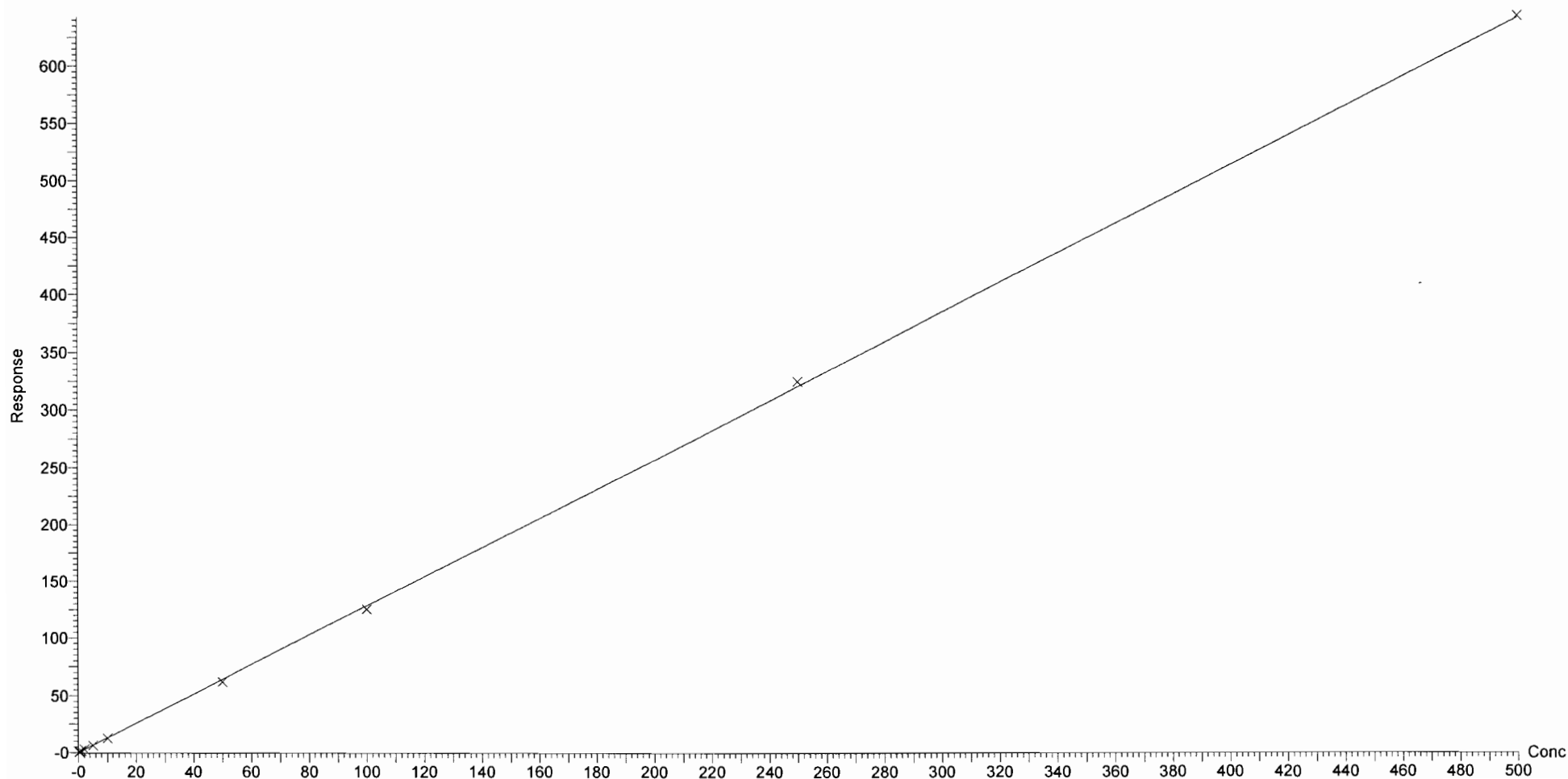
Compound name: PFBA

Correlation coefficient: $r = 0.999884$, $r^2 = 0.999768$

Calibration curve: $1.28148 * x + 0.0955562$

Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

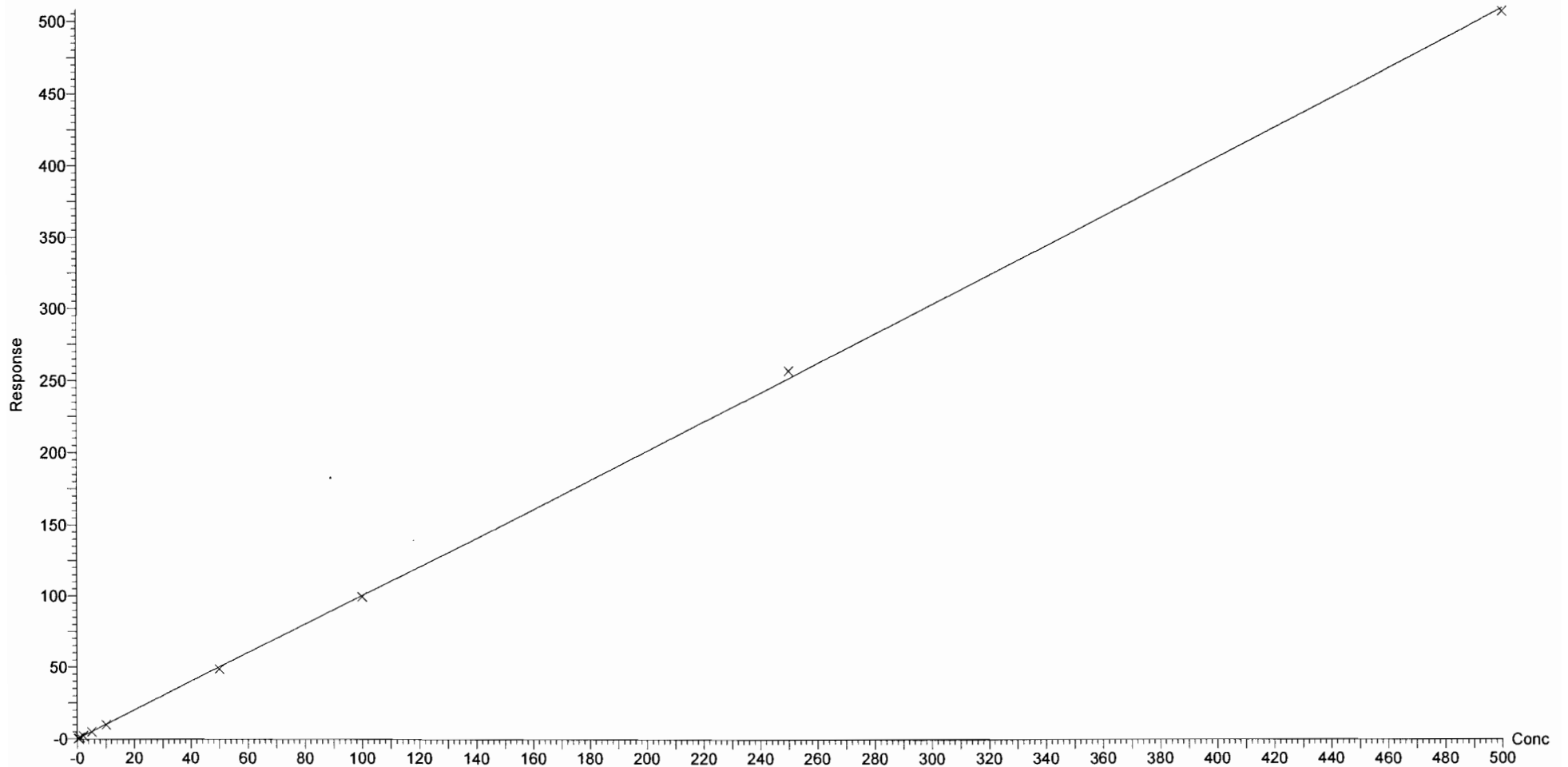


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

Compound name: PFPeA
Coefficient of Determination: $R^2 = 0.999785$
Calibration curve: $3.75171e-005 * x^2 + 0.997841 * x + 0.03443$
Response type: Internal Std (Ref 37), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

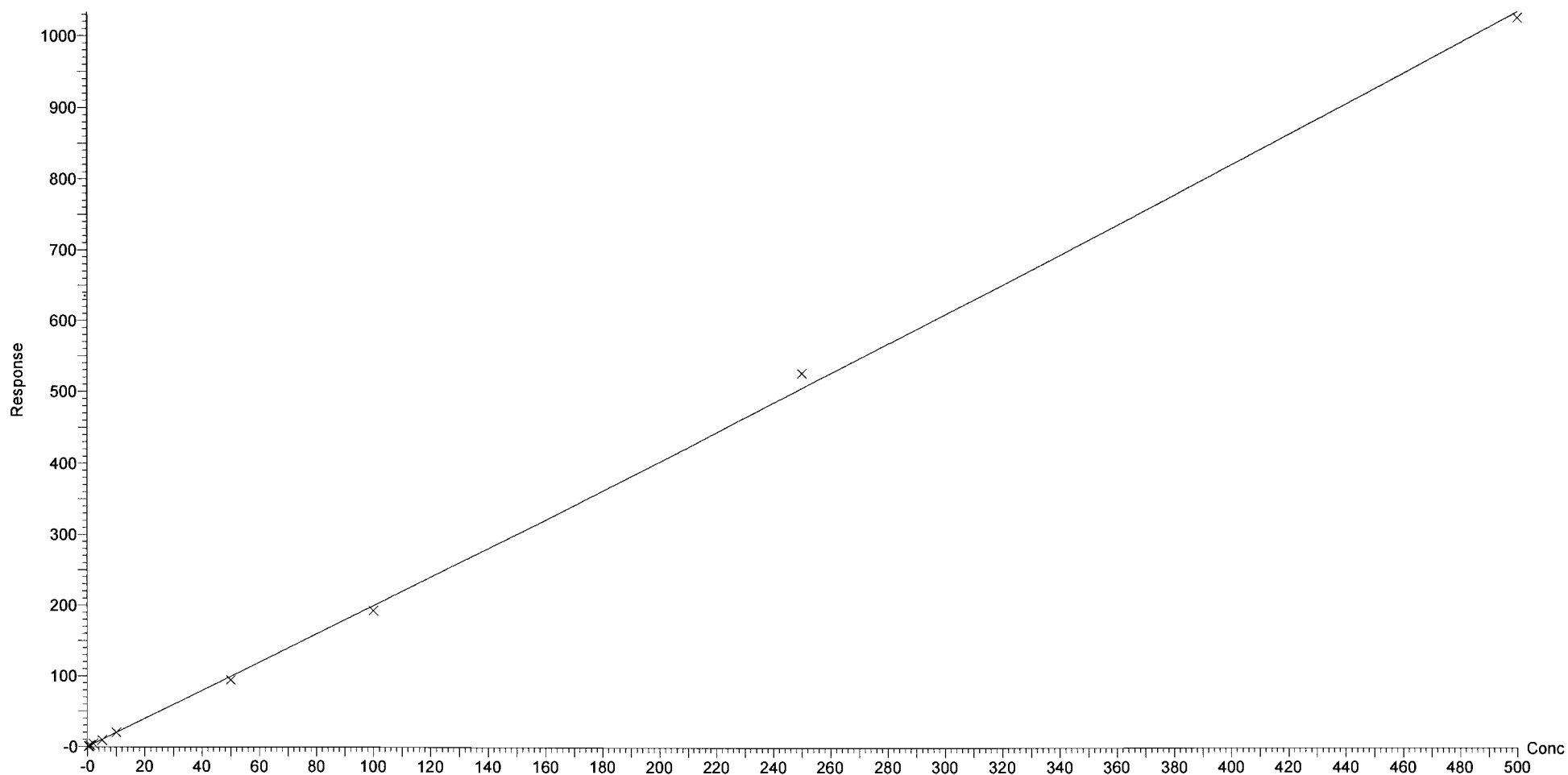
Compound name: PFBS

Coefficient of Determination: $R^2 = 0.999204$

Calibration curve: $0.000178325 * x^2 + 1.97688 * x + -0.025087$

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

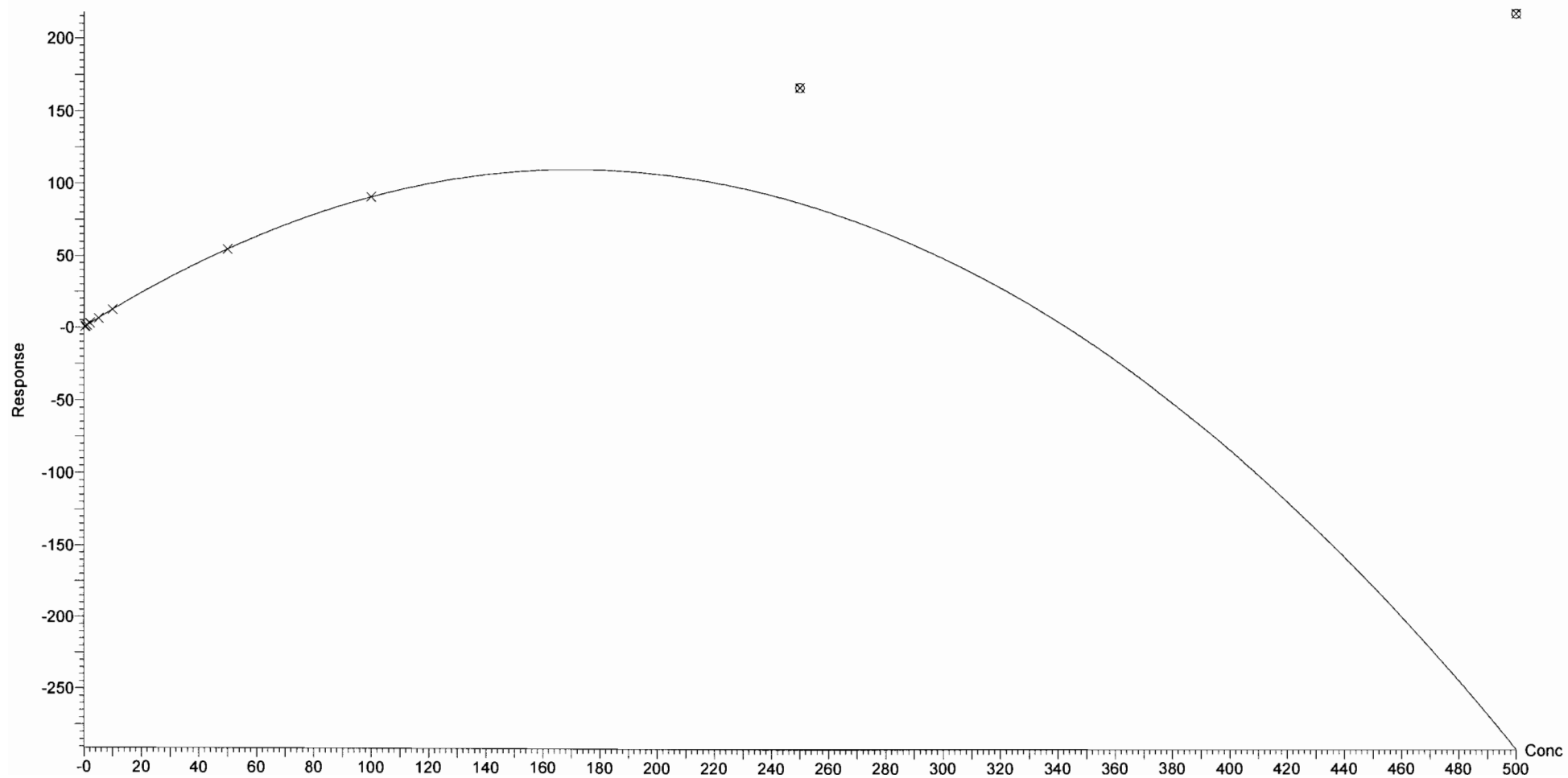
Compound name: 4:2 FTS

Coefficient of Determination: $R^2 = 0.999632$

Calibration curve: $-0.00372516 * x^2 + 1.28094 * x + 0.11442$

Response type: Internal Std (Ref 39), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

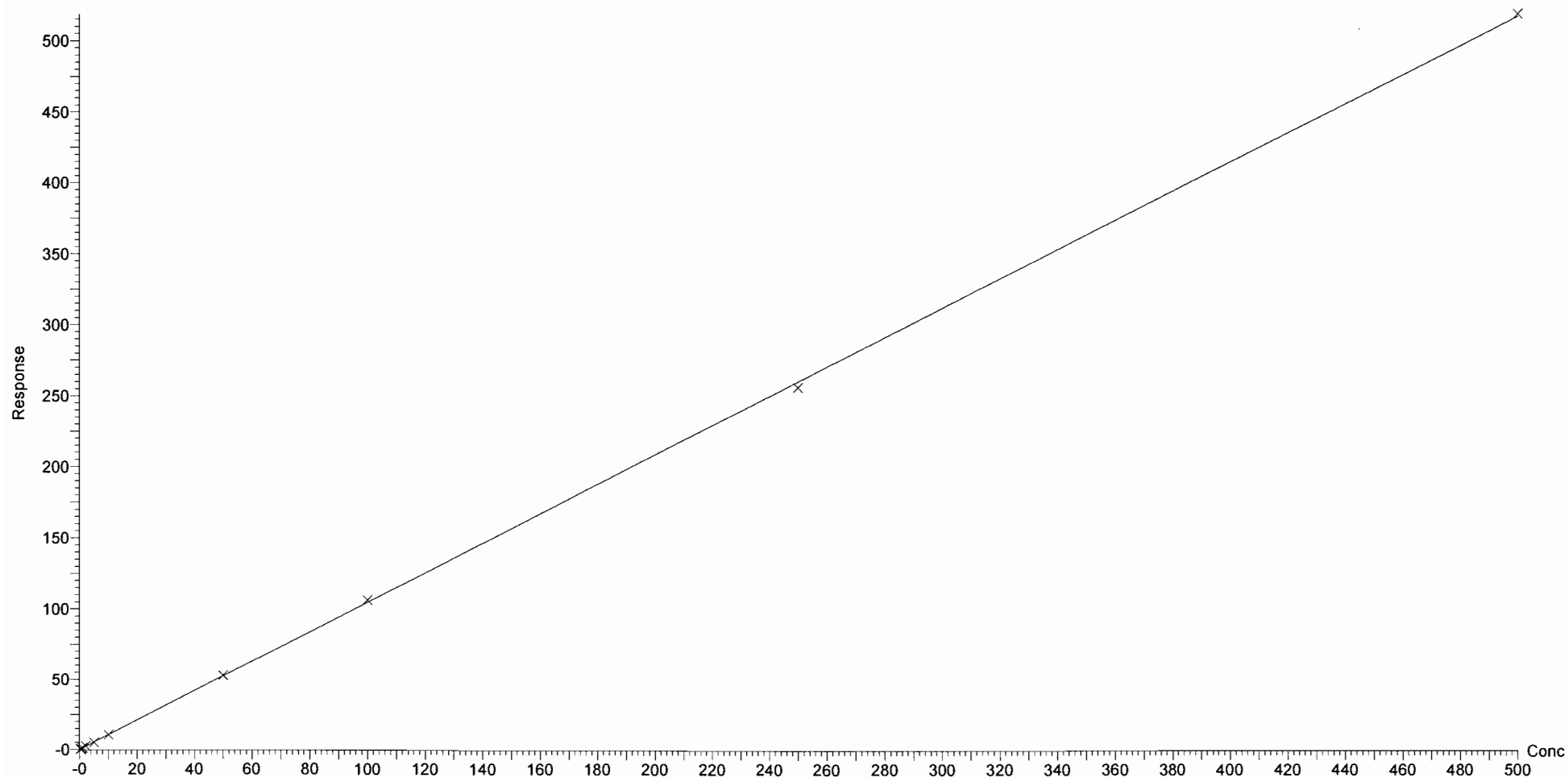
Compound name: PFHxA

Coefficient of Determination: $R^2 = 0.999813$

Calibration curve: $-3.36513e-005 * x^2 + 1.05004 * x + 0.0785044$

Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

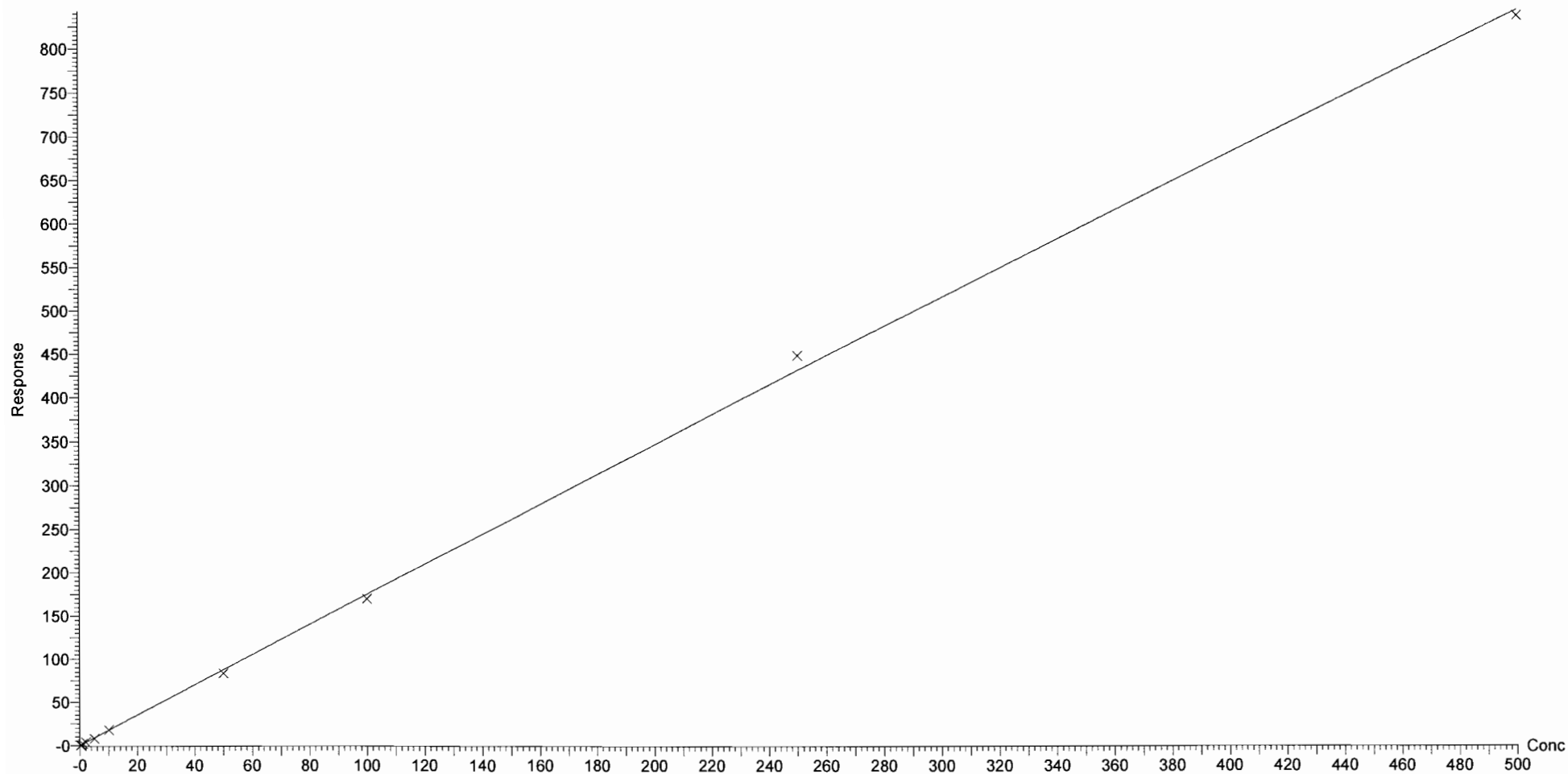
Compound name: PFPeS

Coefficient of Determination: $R^2 = 0.999145$

Calibration curve: $-0.000161275 * x^2 + 1.76626 * x + 0.0351072$

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

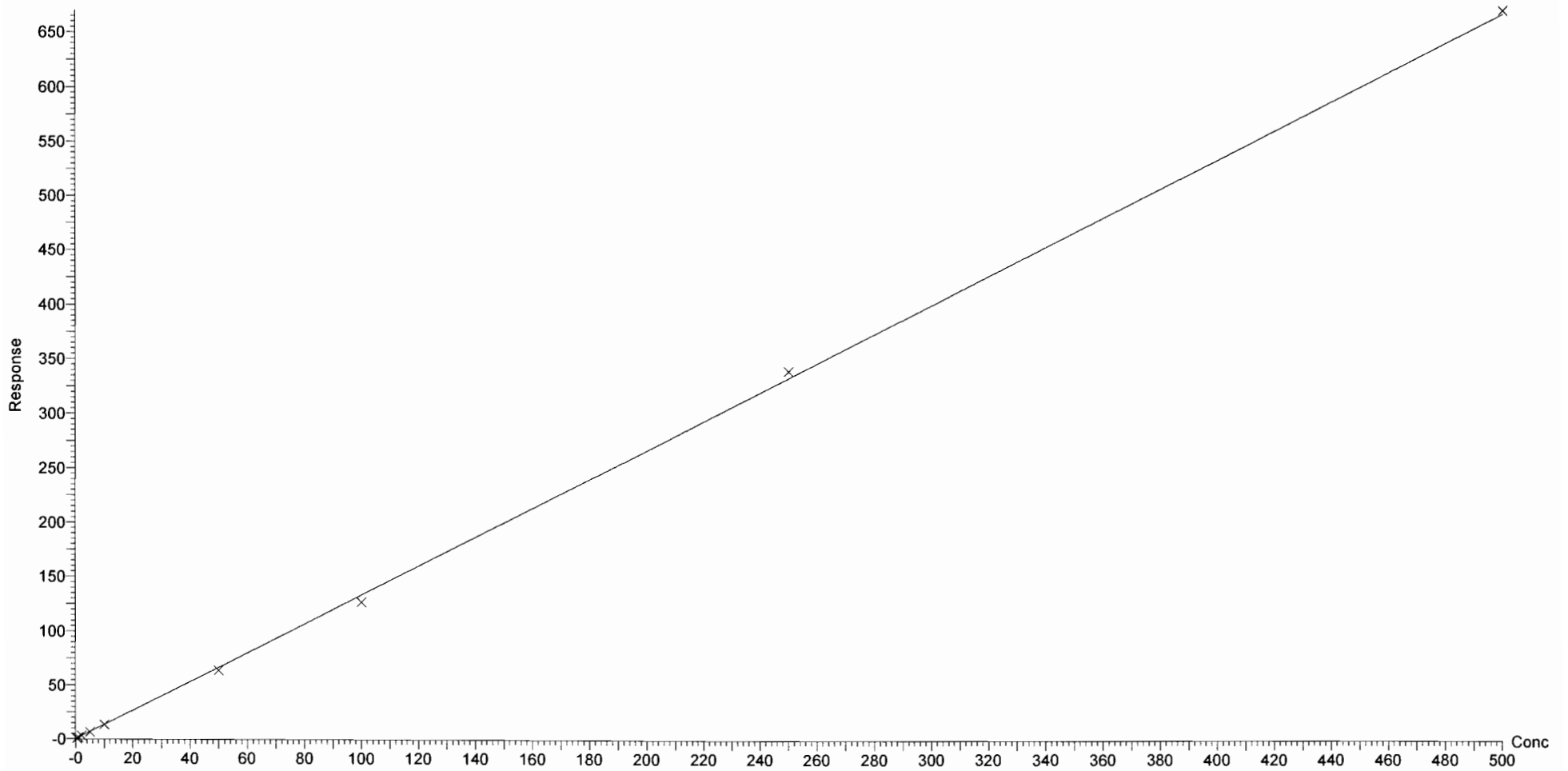
Compound name: PFHpA

Correlation coefficient: $r = 0.999747$, $r^2 = 0.999494$

Calibration curve: $1.33333 * x + 0.0598282$

Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

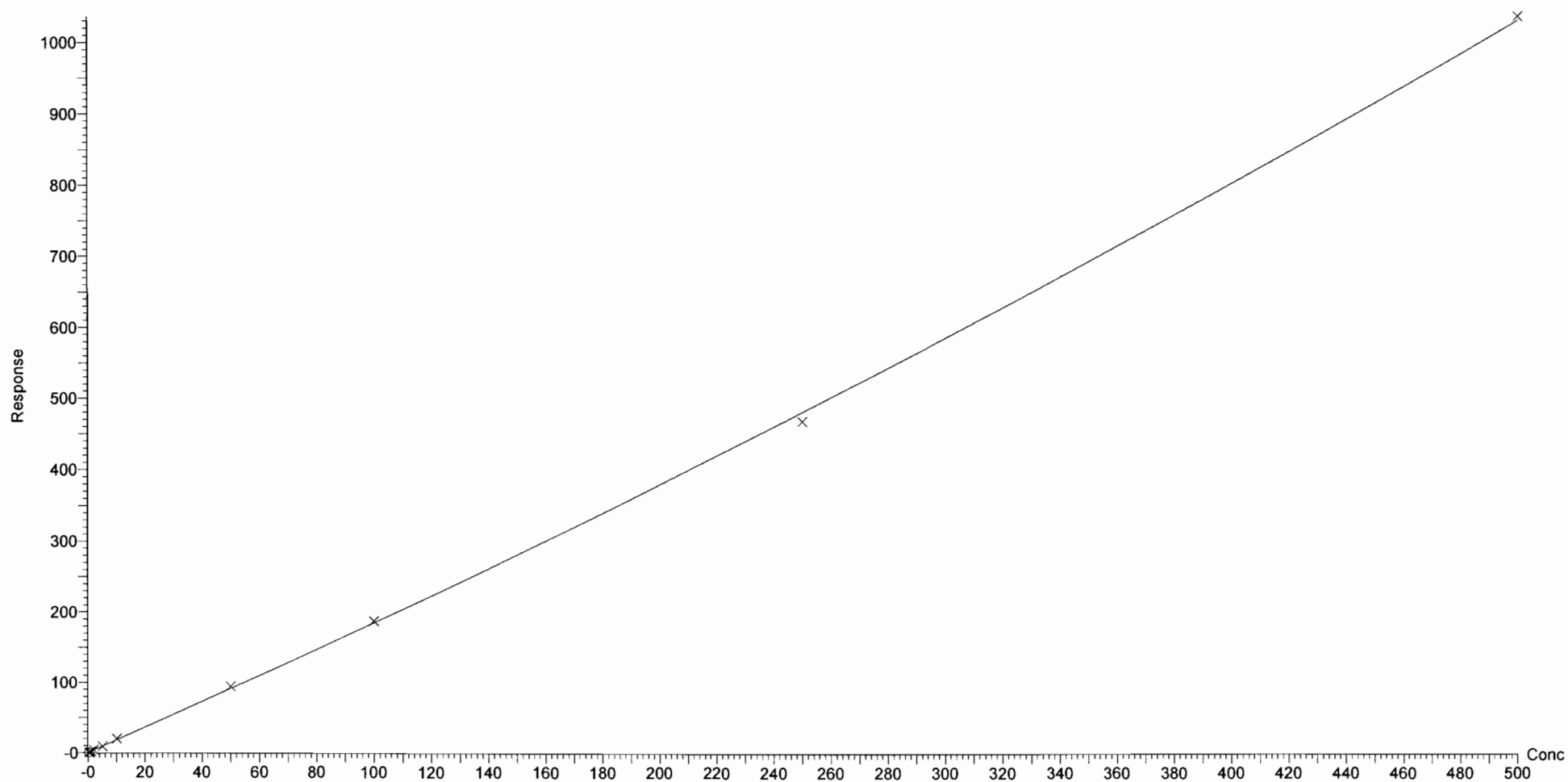
Compound name: L-PFHxS

Coefficient of Determination: $R^2 = 0.999596$

Calibration curve: $0.000539604 * x^2 + 1.79125 * x + 0.270575$

Response type: Internal Std (Ref 42), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

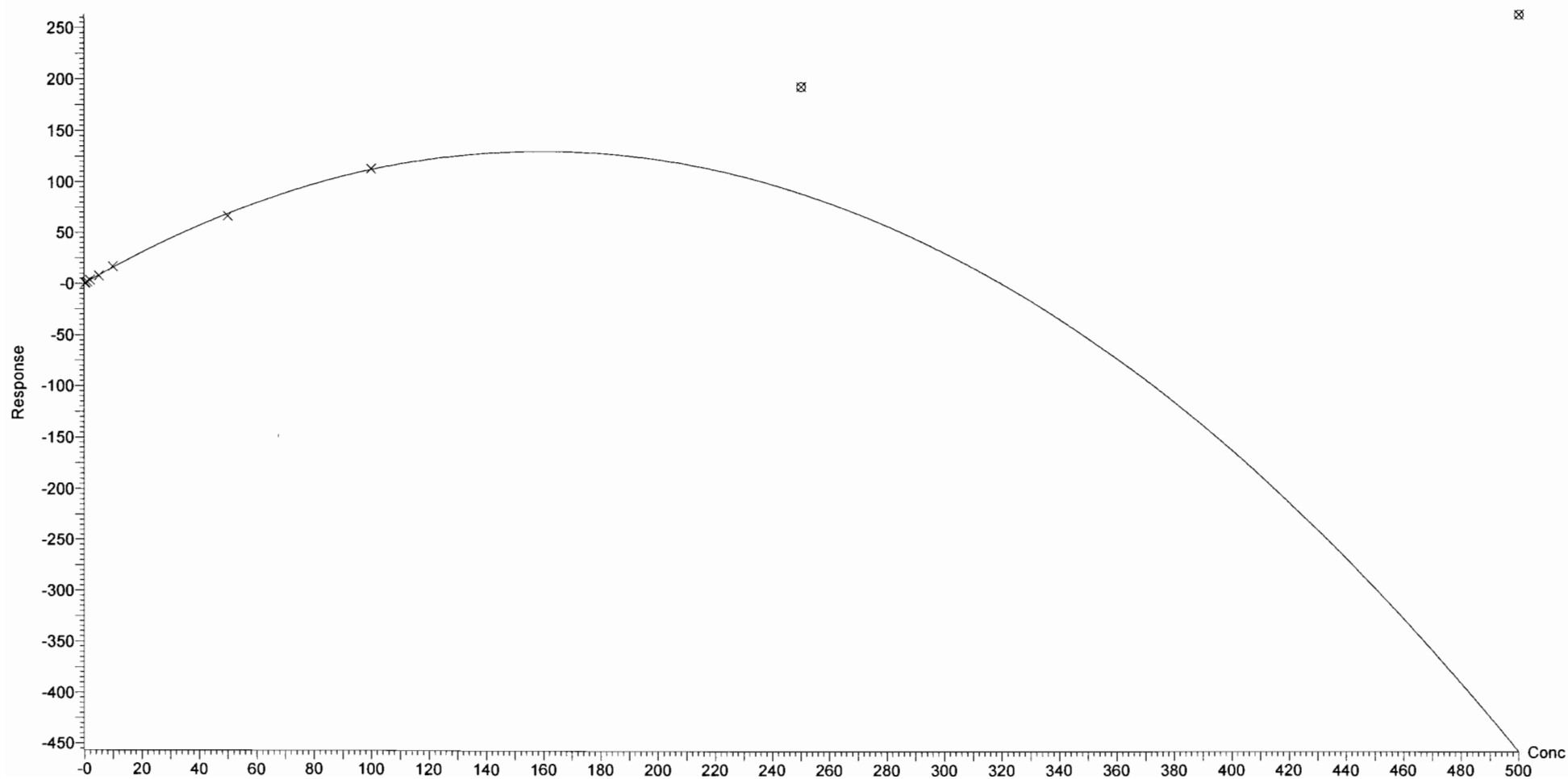
Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.998382$

Calibration curve: $-0.0050856 * x^2 + 1.62965 * x + 0.0215576$

Response type: Internal Std (Ref 43), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

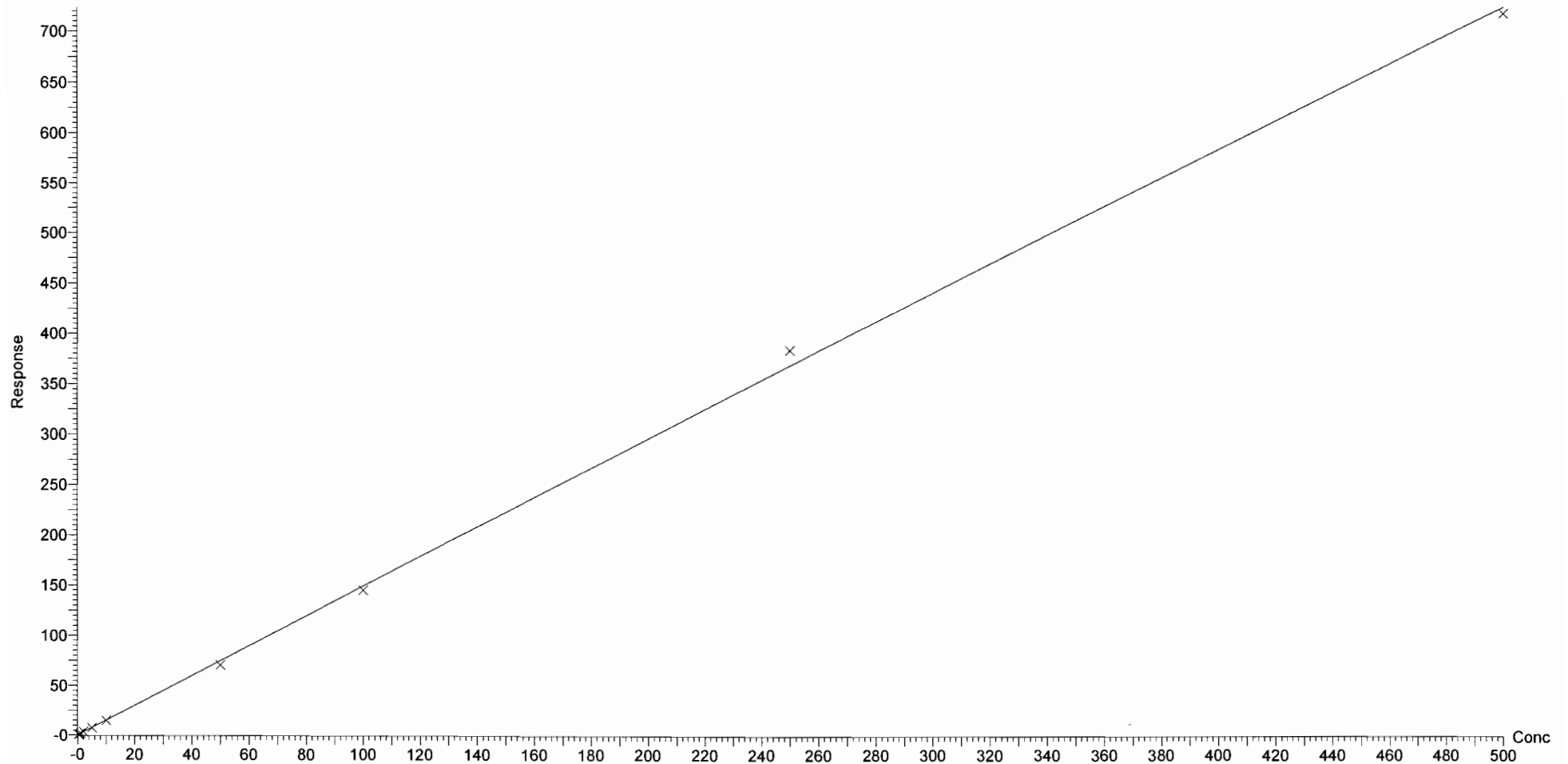
Compound name: L-PFOA

Coefficient of Determination: $R^2 = 0.999162$

Calibration curve: $-0.000113967 * x^2 + 1.50374 * x + 0.138288$

Response type: Internal Std (Ref 44), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

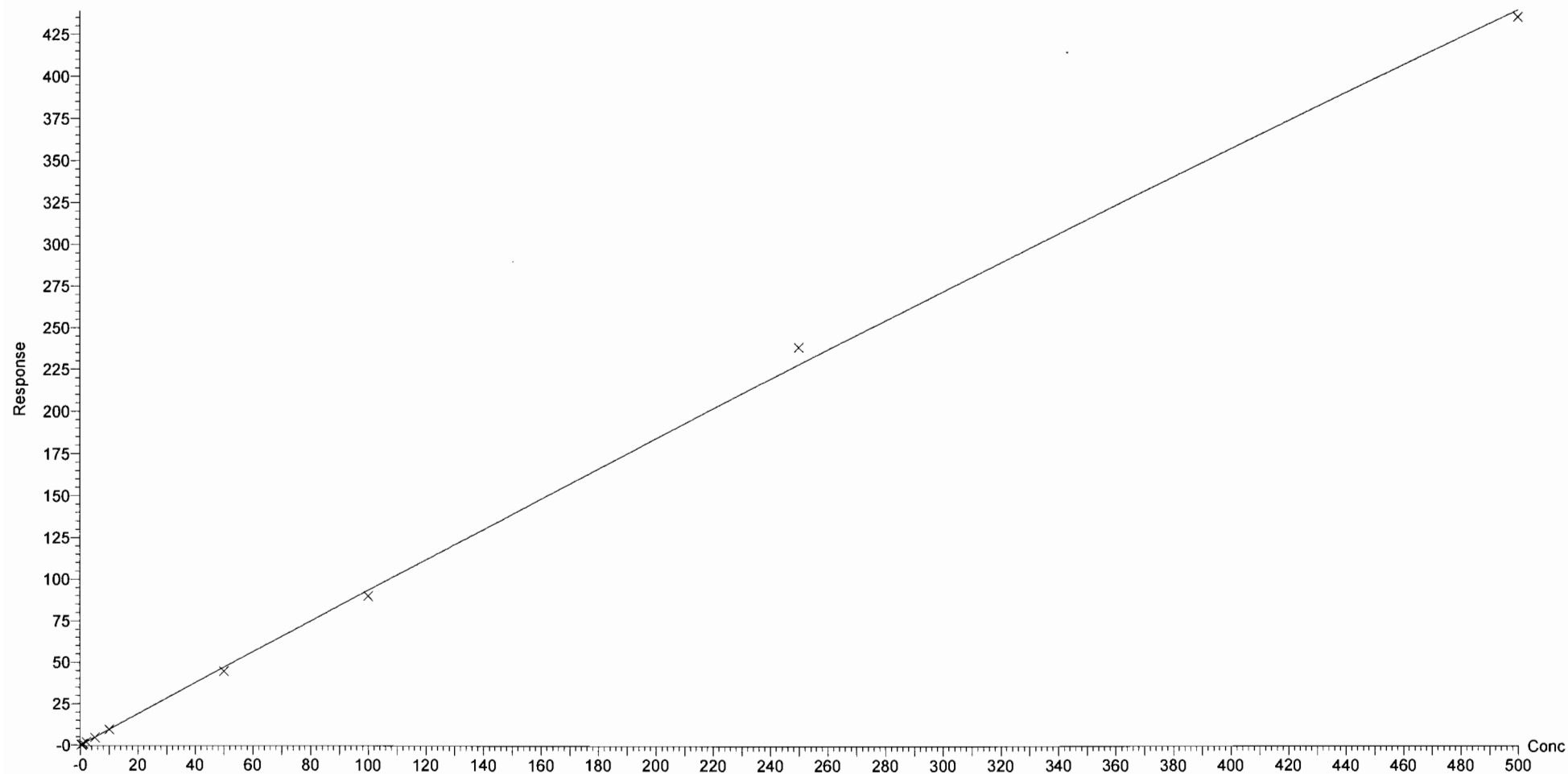
Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.999009$

Calibration curve: $-0.000141679 * x^2 + 0.948922 * x + -0.0311477$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

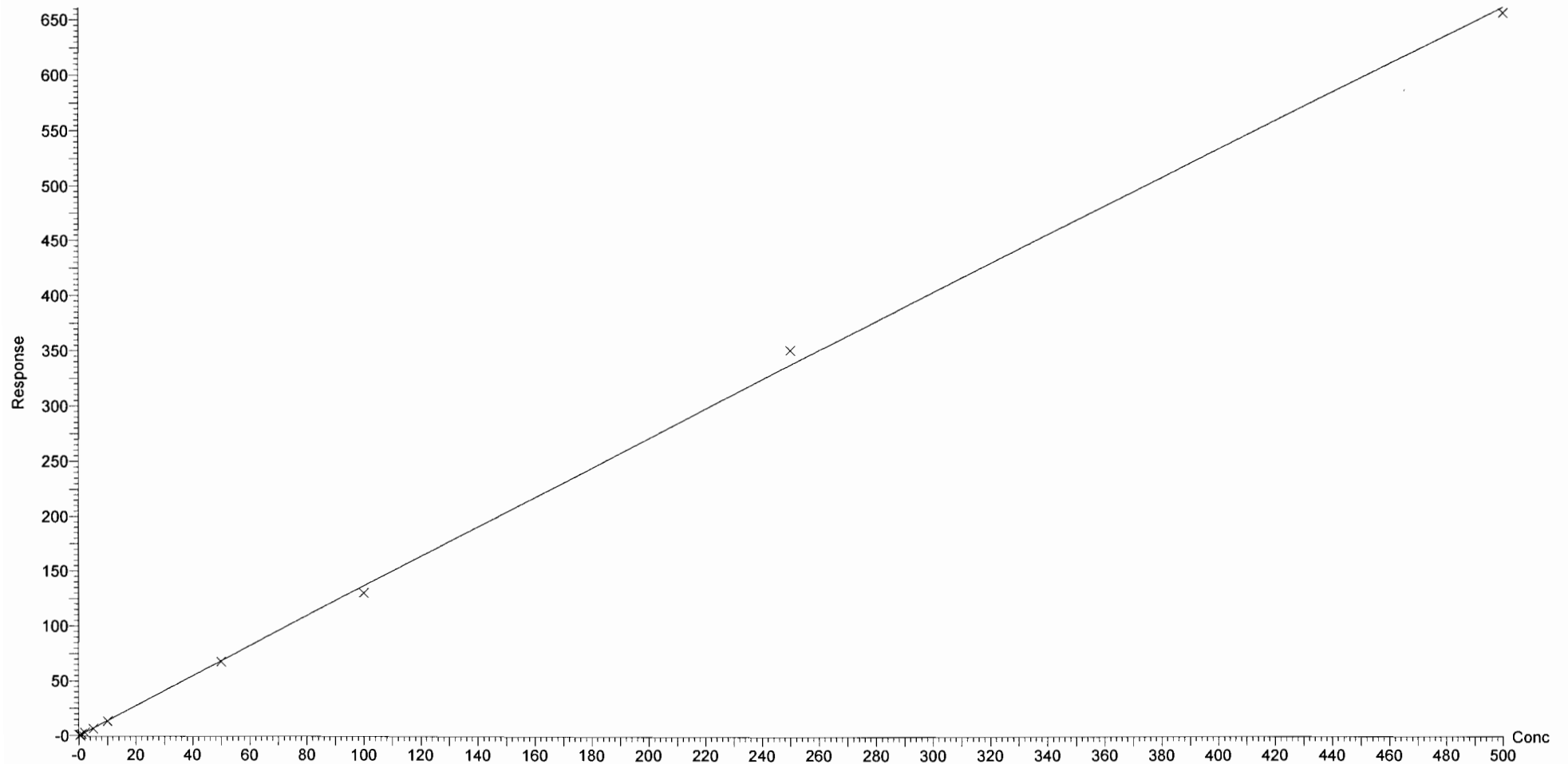
Compound name: PFNA

Coefficient of Determination: $R^2 = 0.999218$

Calibration curve: $-0.000114848 * x^2 + 1.37935 * x + 0.0432958$

Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

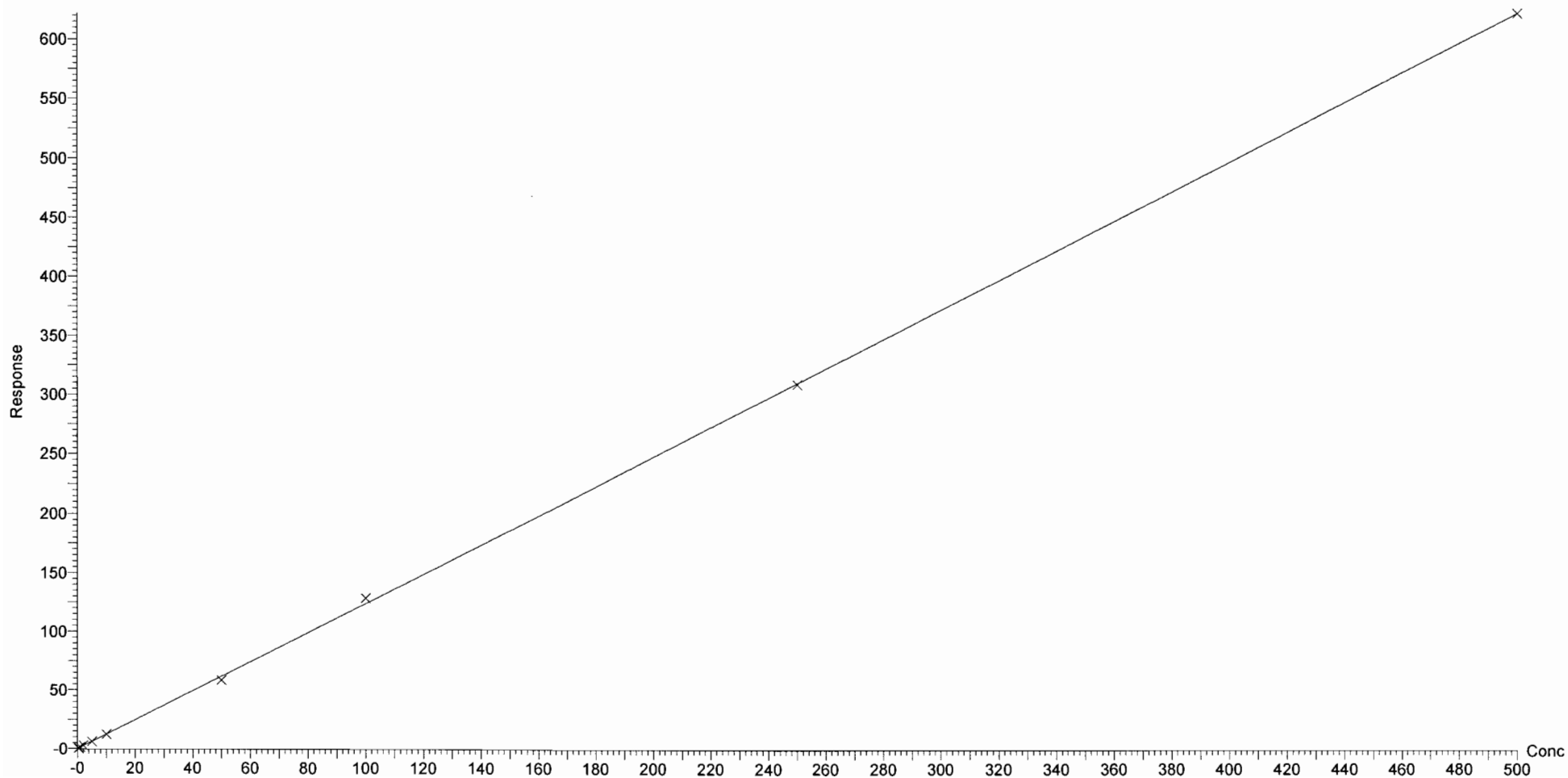
Compound name: PFOSA

Coefficient of Determination: $R^2 = 0.999617$

Calibration curve: $1.16051e-005 * x^2 + 1.23769 * x + -0.0204821$

Response type: Internal Std (Ref 46), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

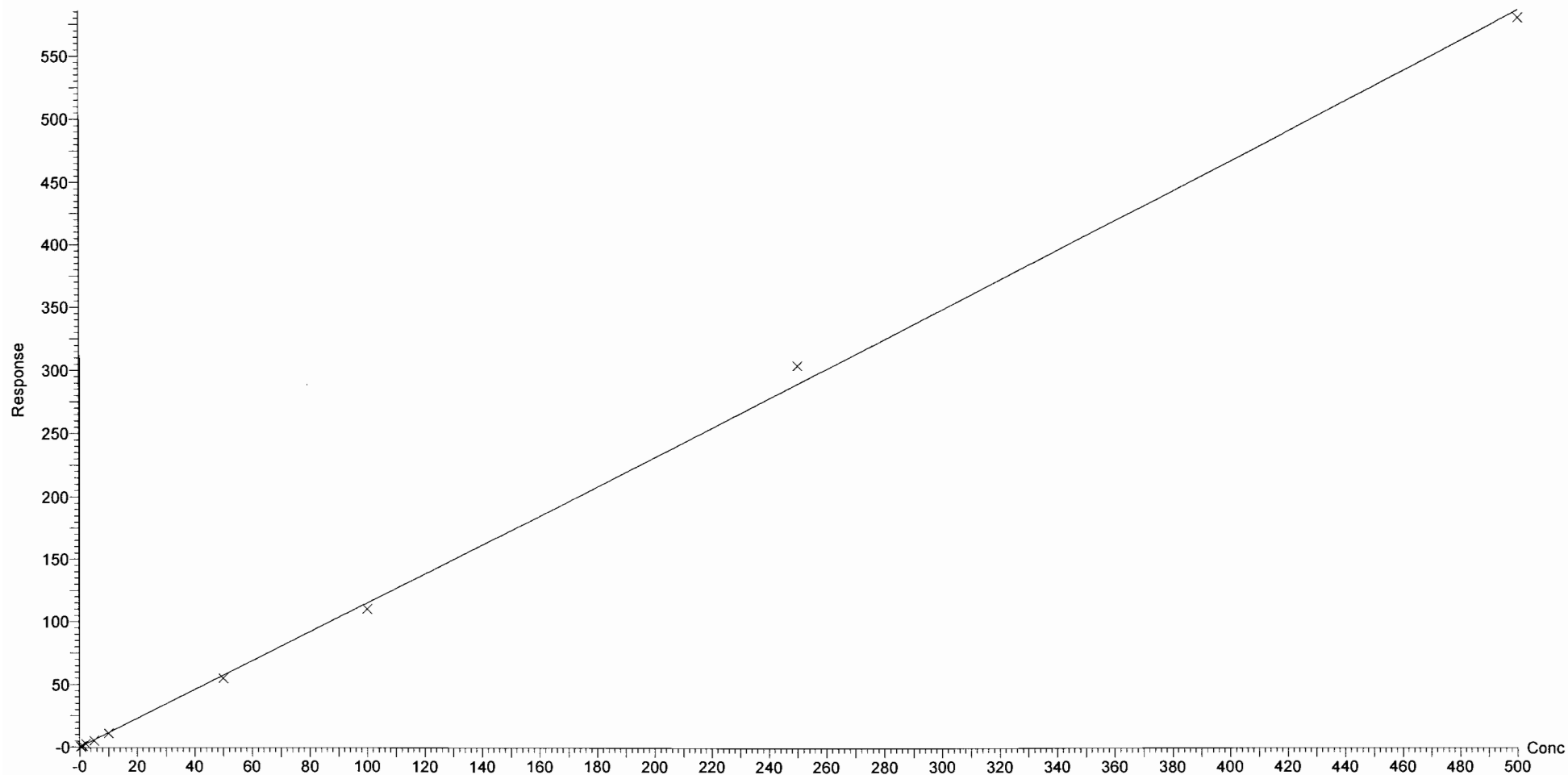
Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.998783$

Calibration curve: $5.04776e-005 * x^2 + 1.14626 * x + -0.00485499$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

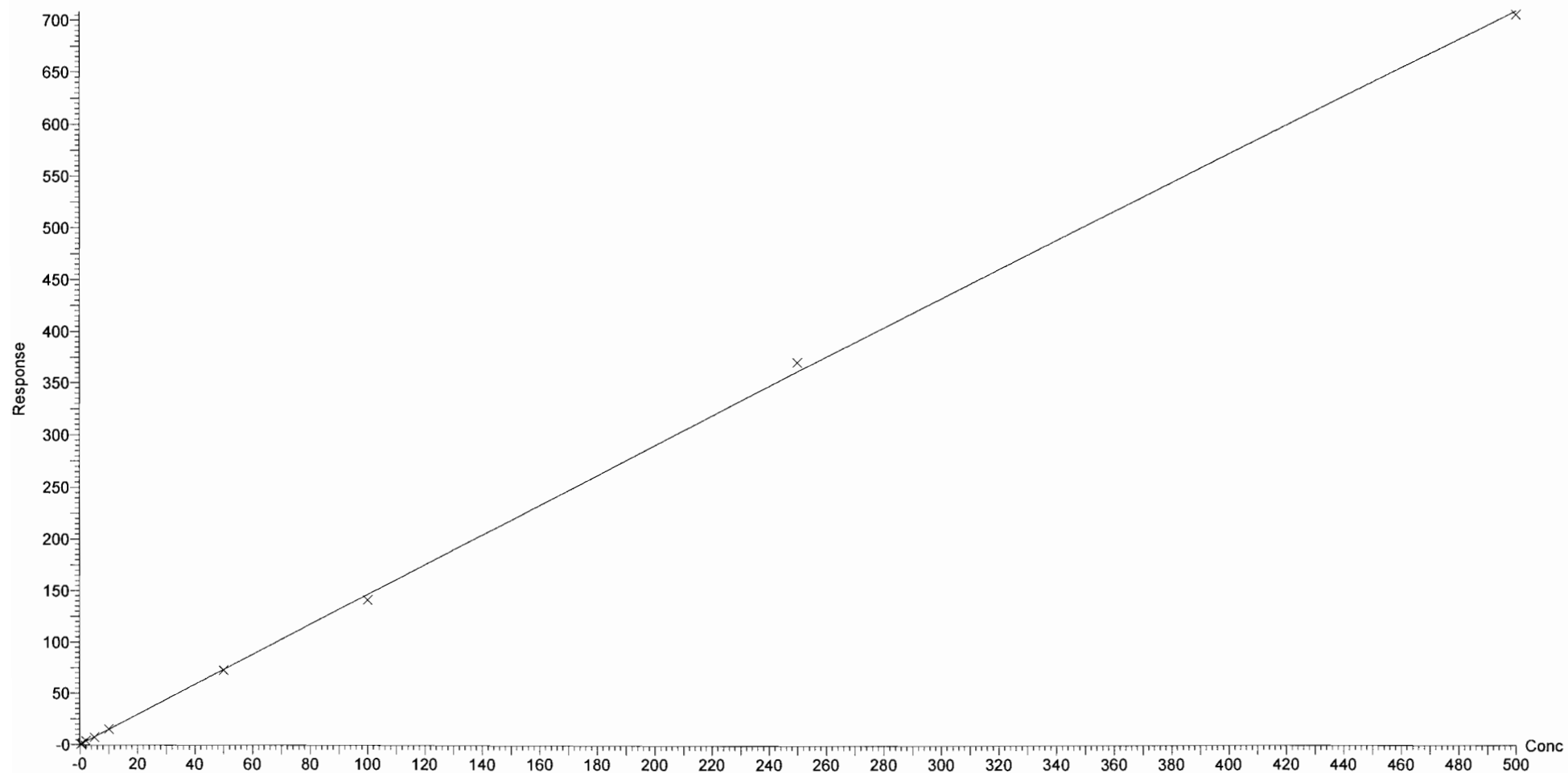
Compound name: PFDA

Coefficient of Determination: $R^2 = 0.999573$

Calibration curve: $-0.000116546 * x^2 + 1.47468 * x + 0.107753$

Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

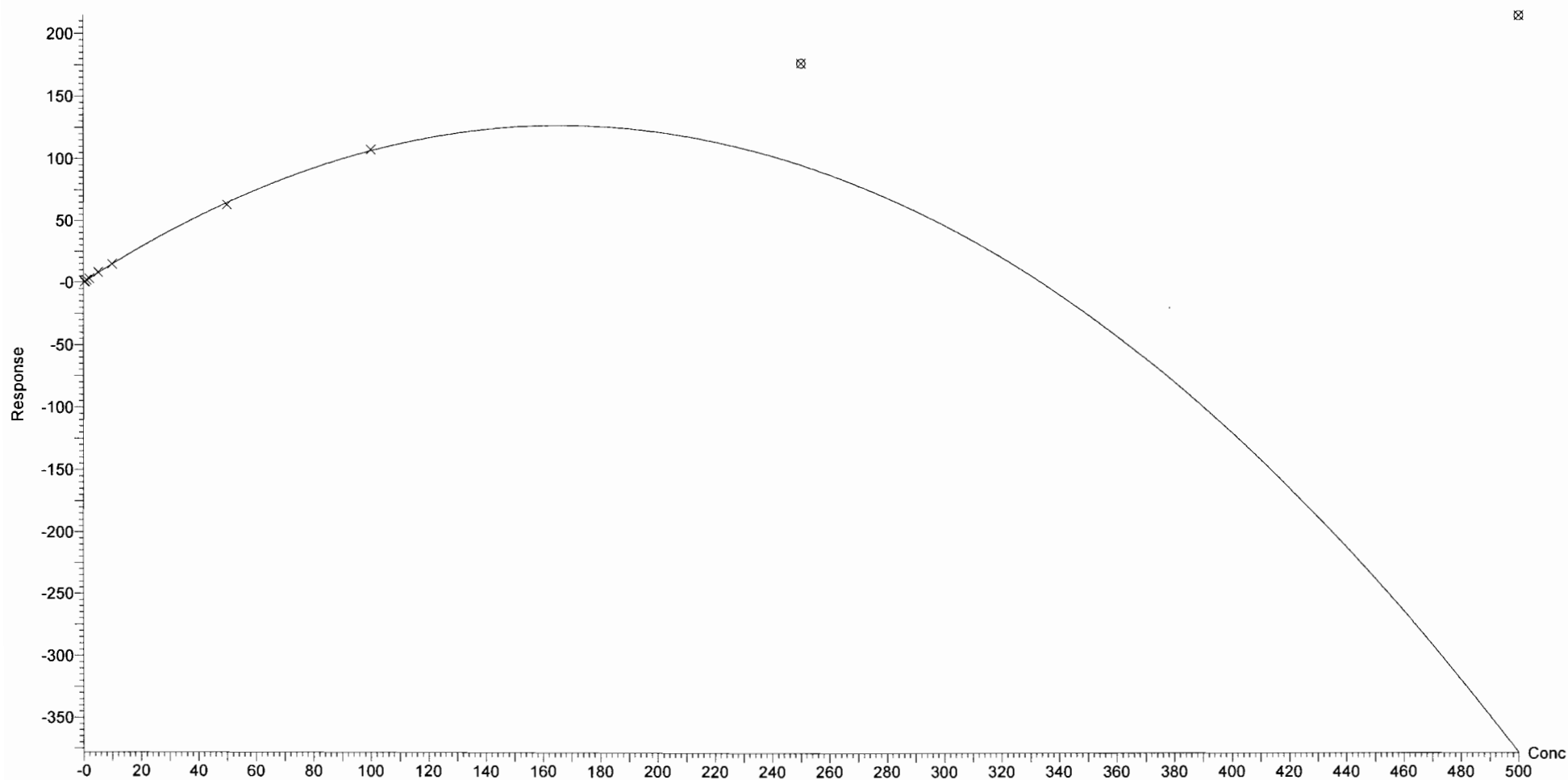
Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.998576$

Calibration curve: $-0.00455435 * x^2 + 1.52137 * x + 0.204588$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

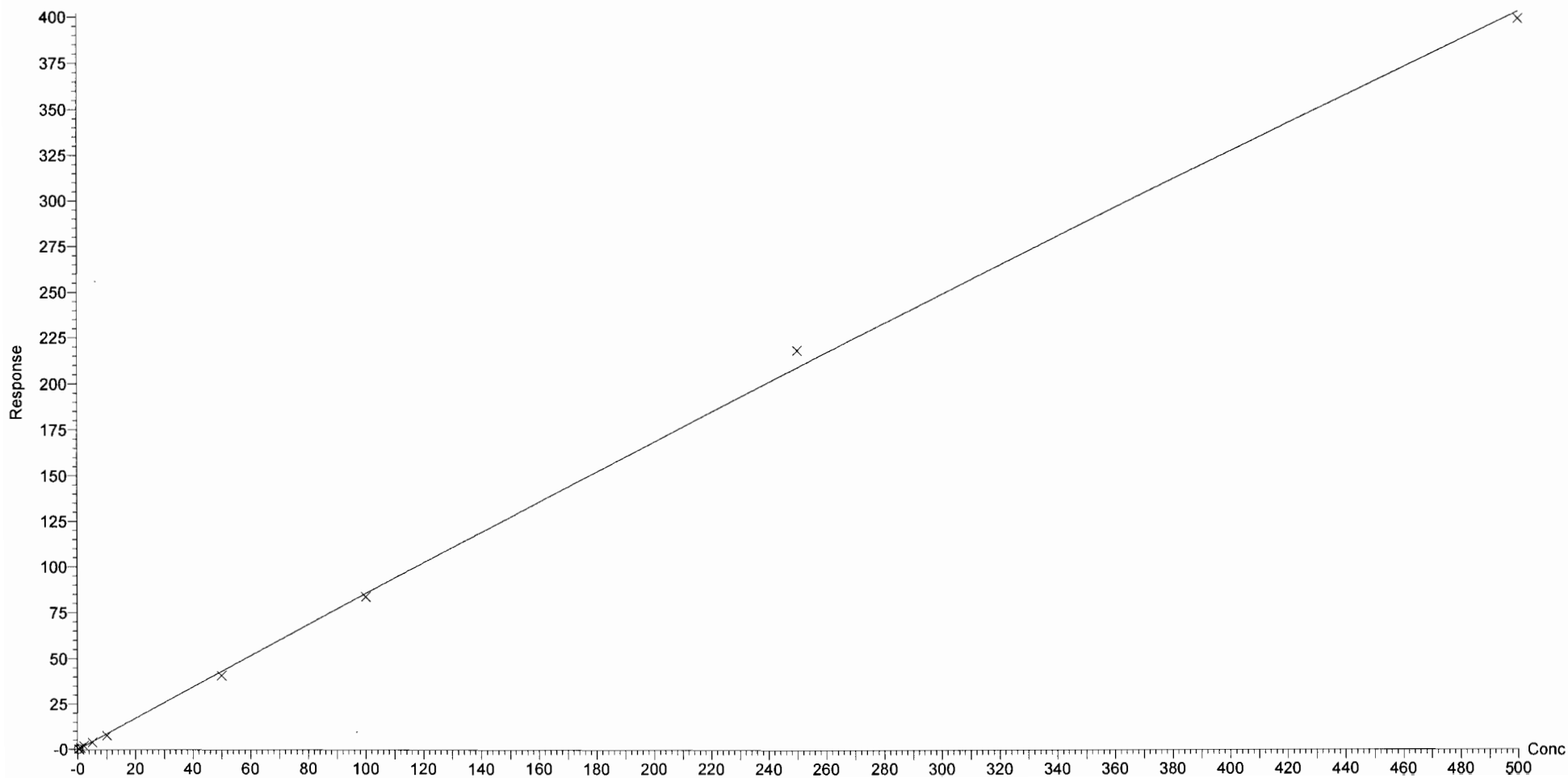
Compound name: PFNS

Coefficient of Determination: $R^2 = 0.998851$

Calibration curve: $-0.000128567 * x^2 + 0.868534 * x + -0.146683$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

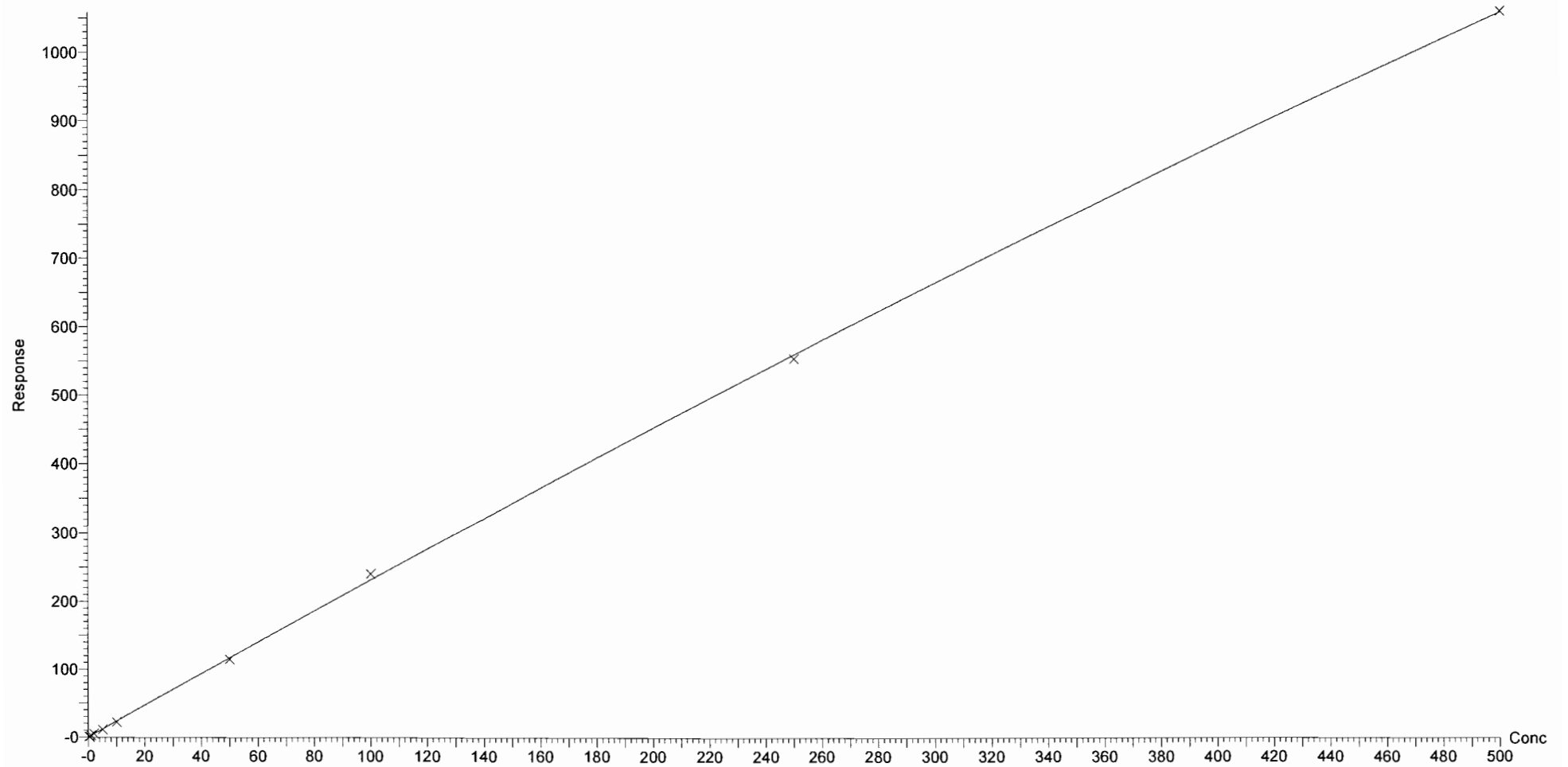


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

Compound name: L-MeFOSAA
Coefficient of Determination: $R^2 = 0.999661$
Calibration curve: $-0.000499546 * x^2 + 2.36414 * x + -0.11974$
Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:03:20 Pacific Daylight Time

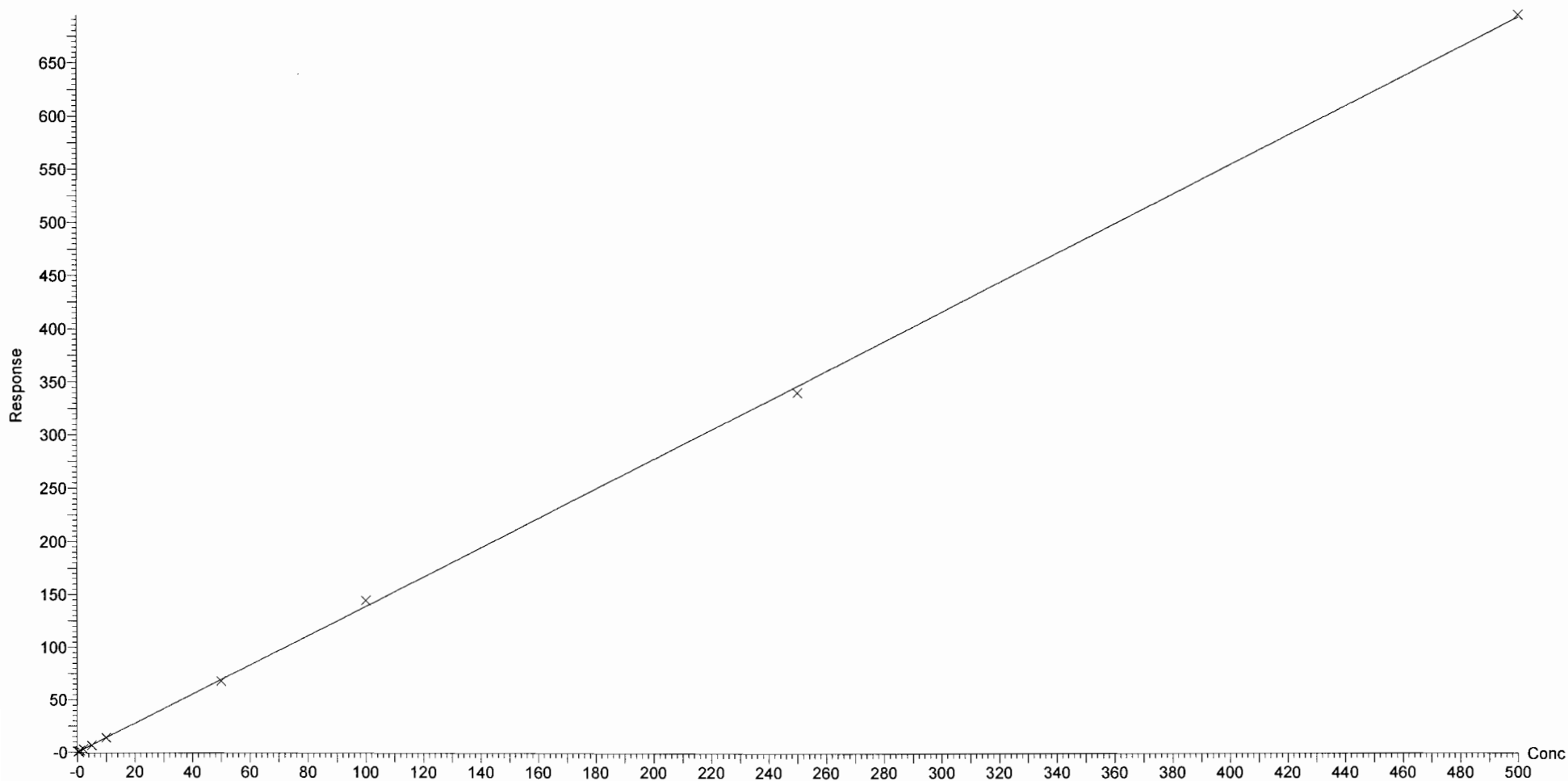
Compound name: L-EtFOSAA

Coefficient of Determination: $R^2 = 0.999658$

Calibration curve: $-1.36183e-005 * x^2 + 1.39059 * x + 0.123782$

Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

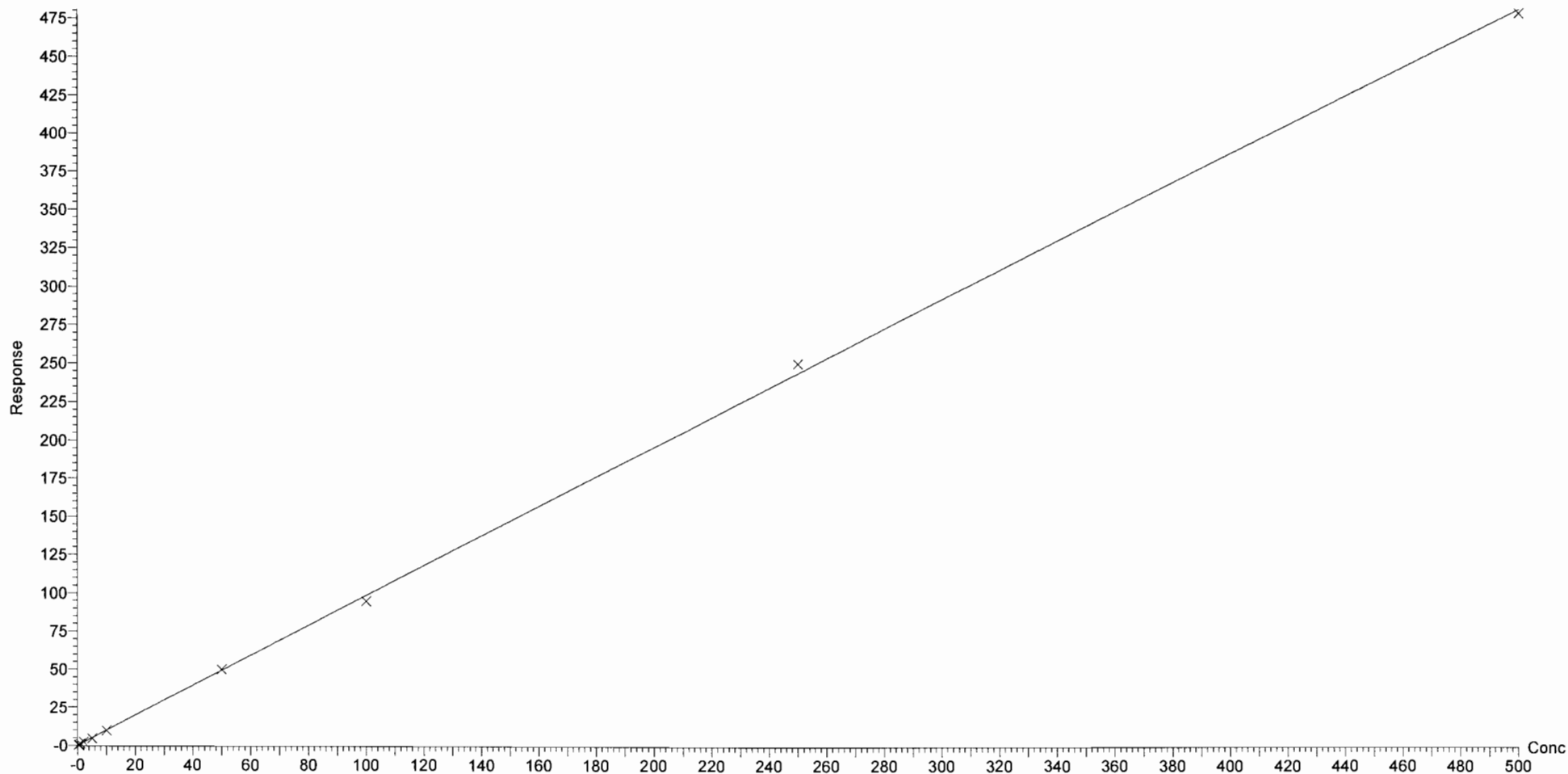


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time
Printed: Thursday, October 18, 2018 12:04:09 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 11:51:35

Compound name: PFUdA
Coefficient of Determination: $R^2 = 0.999532$
Calibration curve: $-5.73467e-005 * x^2 + 0.989799 * x + 0.093567$
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 13:13:00 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:13:24 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 13:13:00

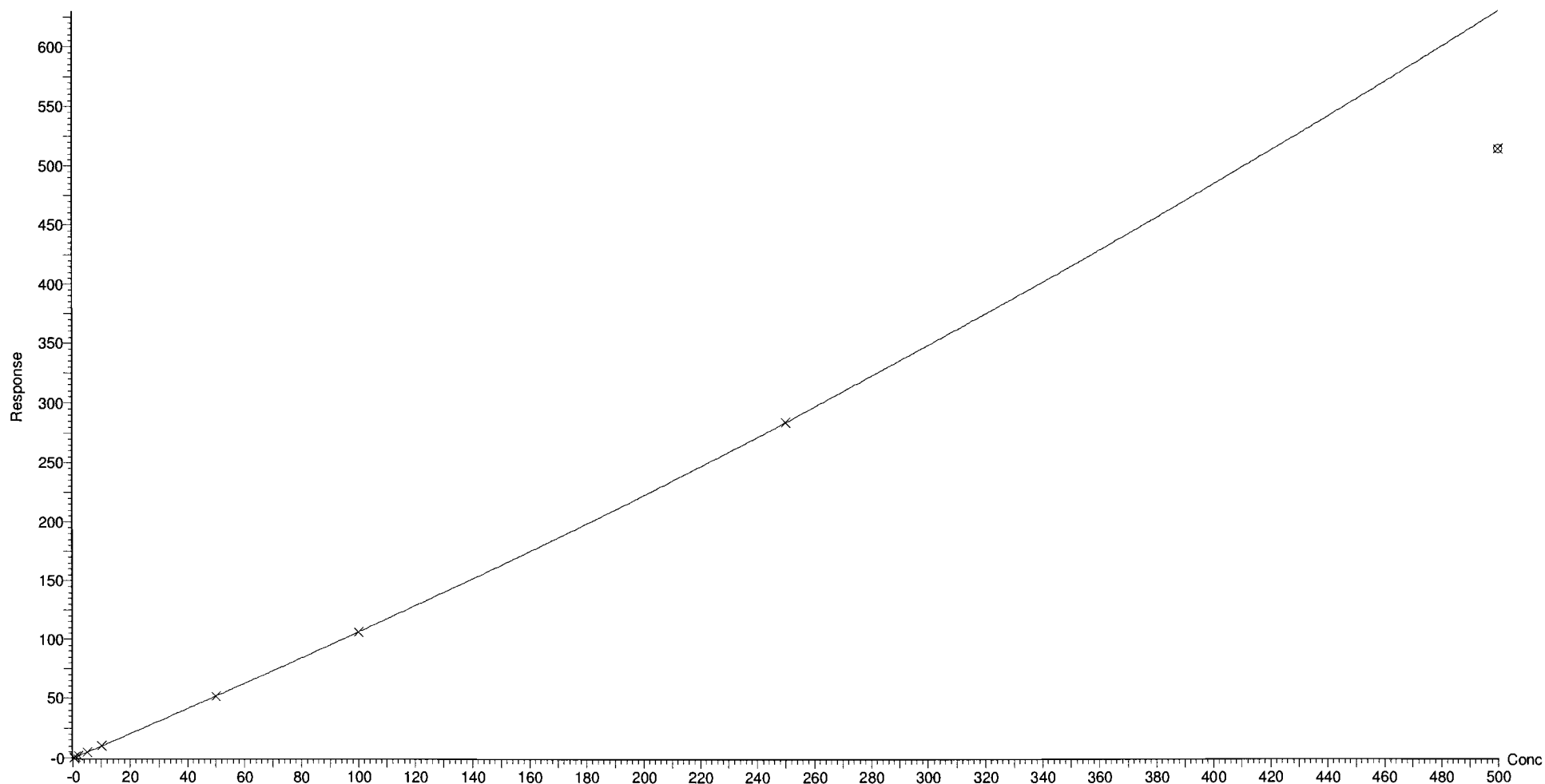
Compound name: PFDS

Coefficient of Determination: $R^2 = 0.999976$

Calibration curve: $0.00048776 * x^2 + 1.01495 * x + 0.000425789$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:04:09 Pacific Daylight Time

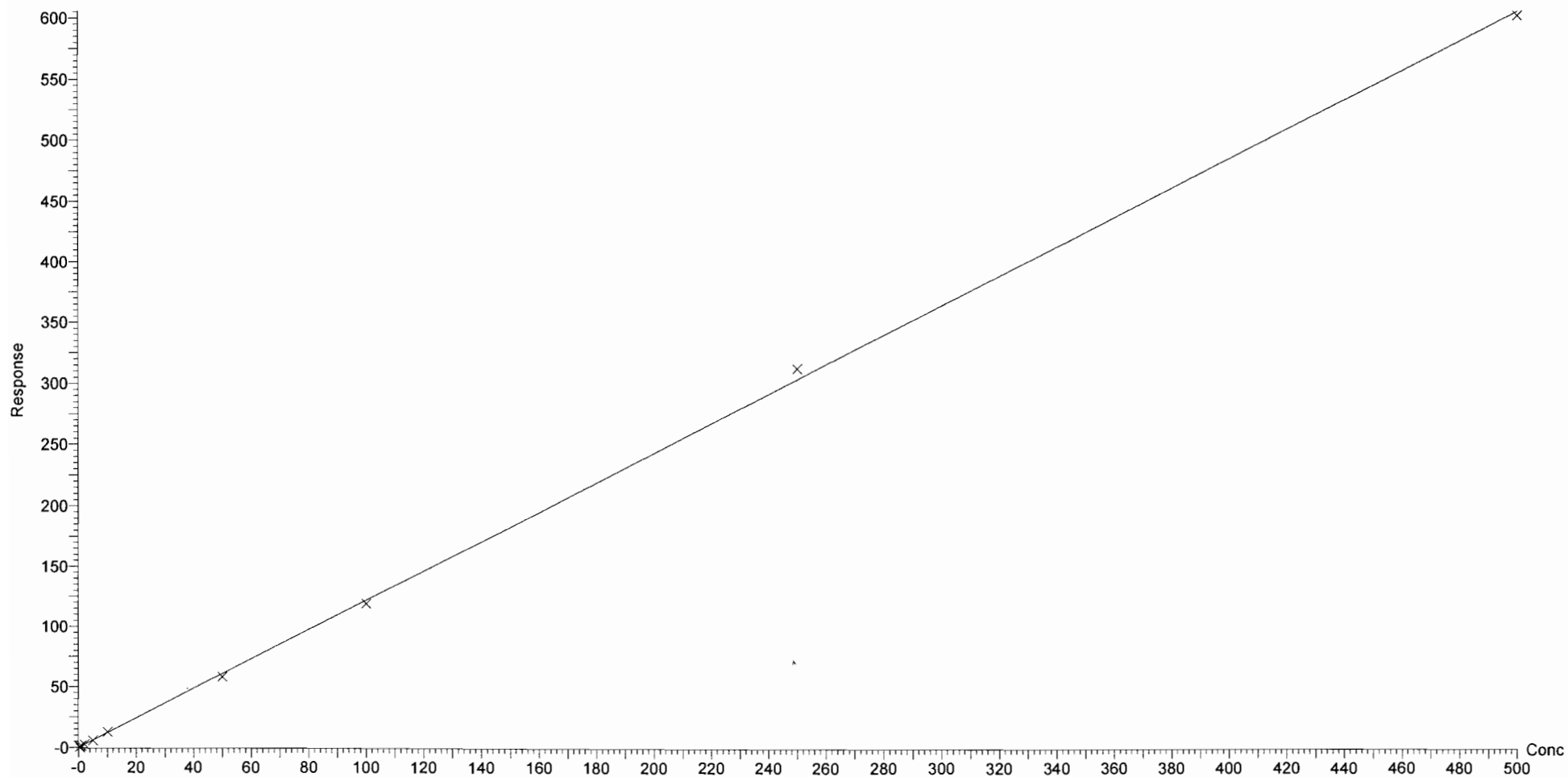
Compound name: PFDoA

Coefficient of Determination: $R^2 = 0.999511$

Calibration curve: $-1.97884e-005 * x^2 + 1.22057 * x + 0.101334$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:04:09 Pacific Daylight Time

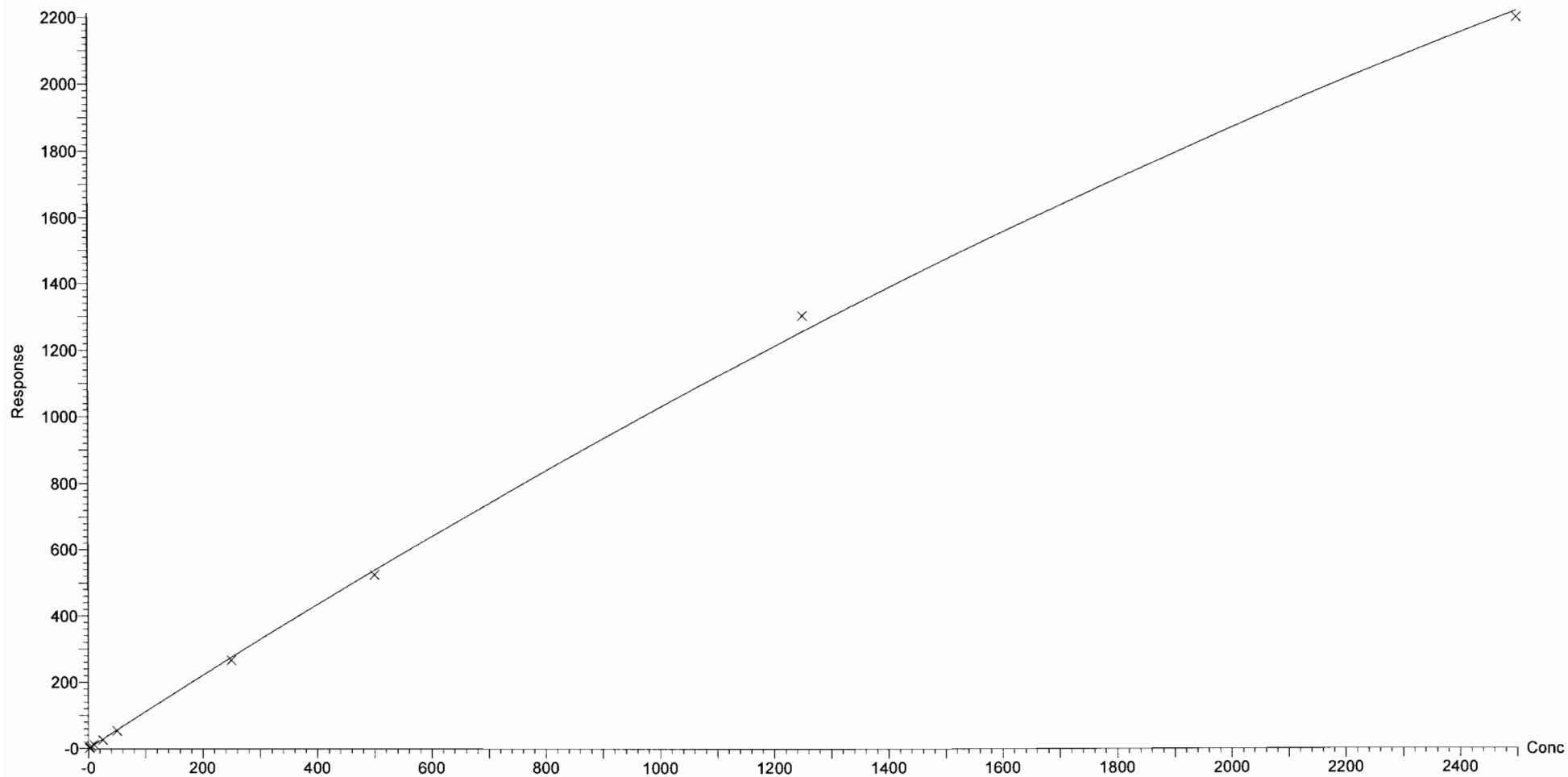
Compound name: N-MeFOSA

Coefficient of Determination: $R^2 = 0.999199$

Calibration curve: $-9.47692e-005 * x^2 + 1.12227 * x + 0.15578$

Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:04:09 Pacific Daylight Time

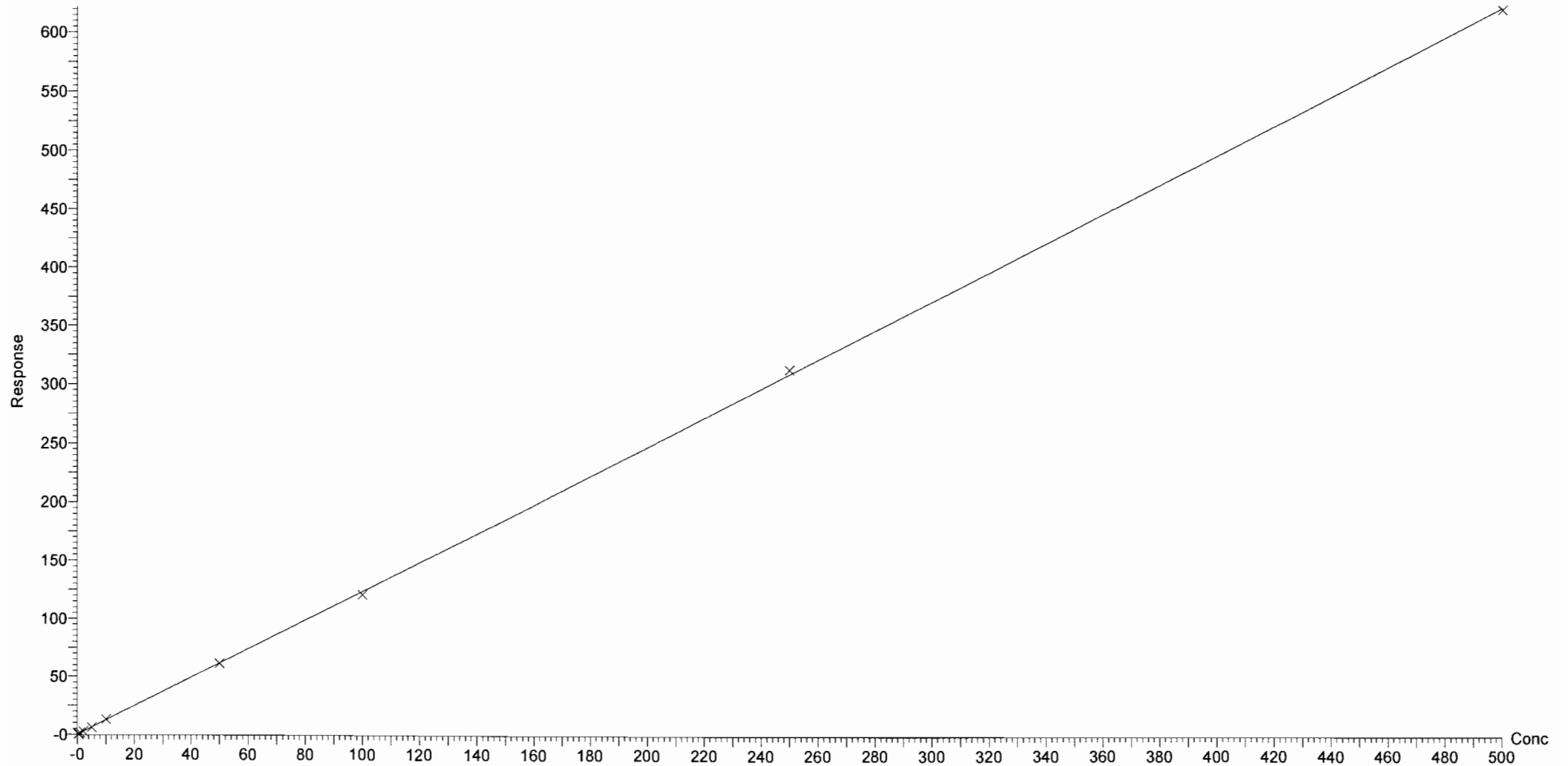
Compound name: PFT_rDA

Coefficient of Determination: R² = 0.999848

Calibration curve: $2.26662e-005 * x^2 + 1.23178 * x + 0.105776$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:04:09 Pacific Daylight Time

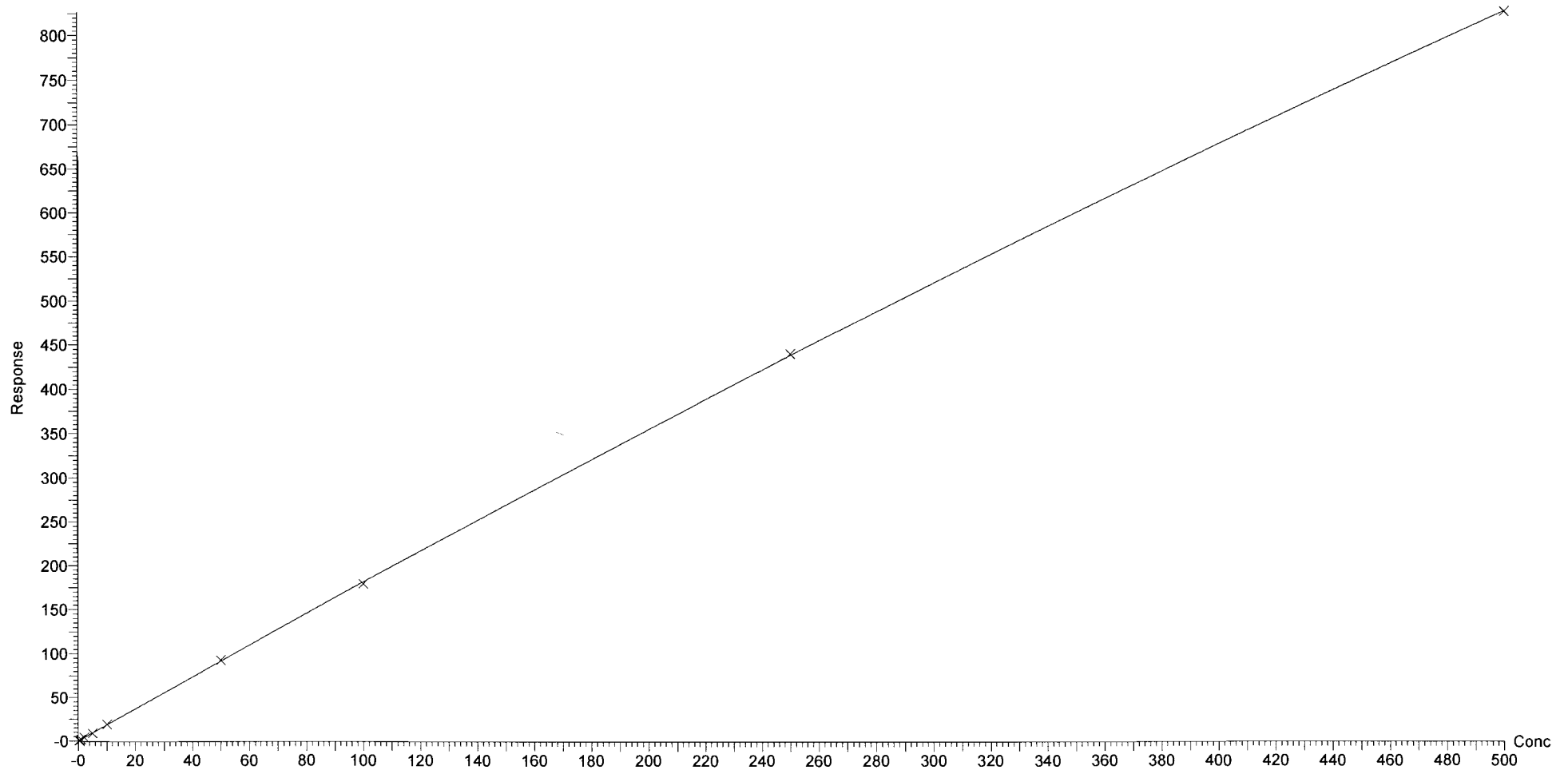
Compound name: PFTeDA

Coefficient of Determination: $R^2 = 0.999925$

Calibration curve: $-0.000403811 * x^2 + 1.8547 * x + 0.1632$

Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:04:09 Pacific Daylight Time

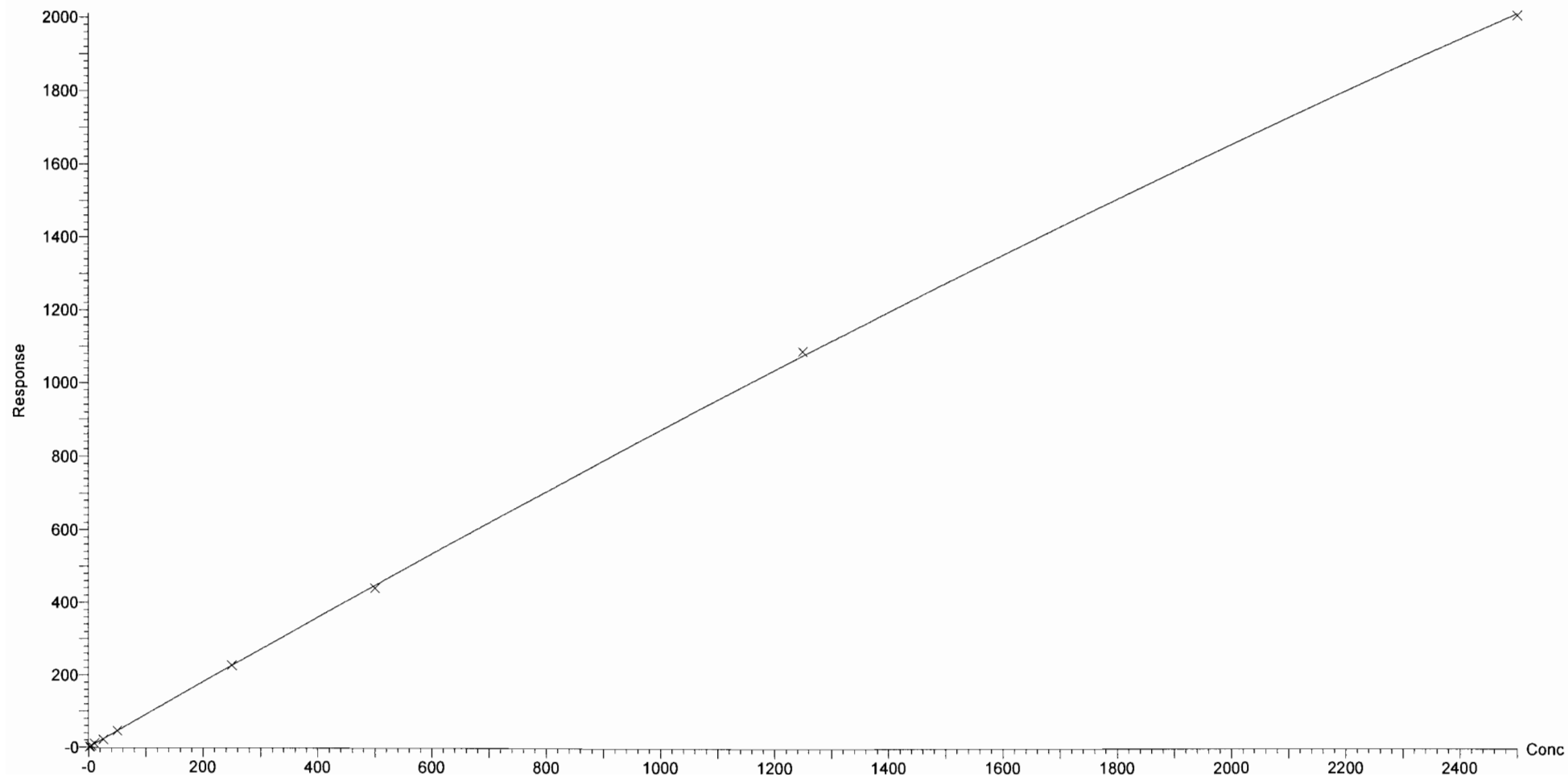
Compound name: N-EtFOSA

Coefficient of Determination: $R^2 = 0.999800$

Calibration curve: $-4.57396e-005 * x^2 + 0.918473 * x + 0.181997$

Response type: Internal Std (Ref 56), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:04:09 Pacific Daylight Time

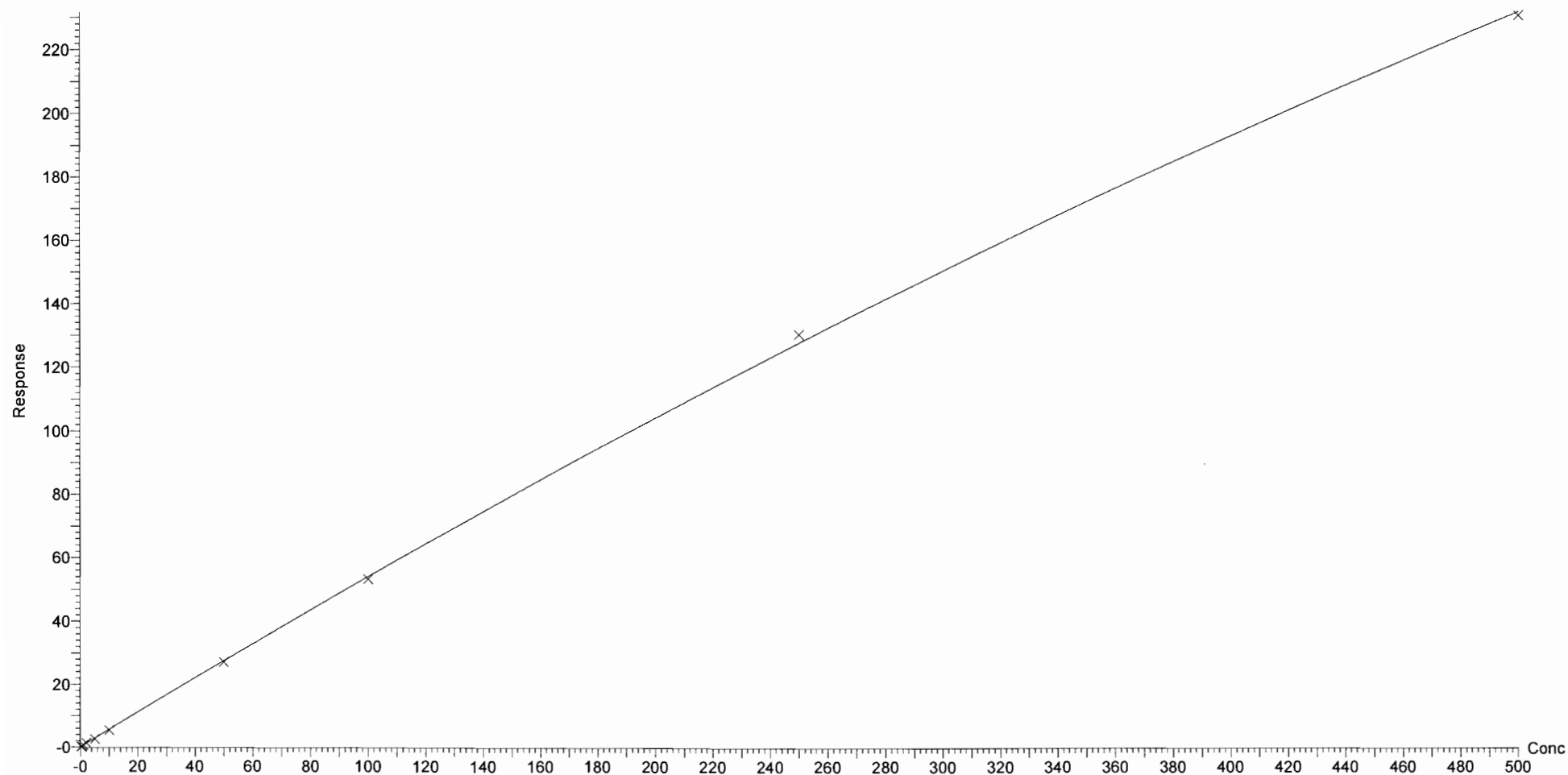
Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.999629$

Calibration curve: $-0.000192737 * x^2 + 0.559531 * x + 0.0622506$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:04:09 Pacific Daylight Time

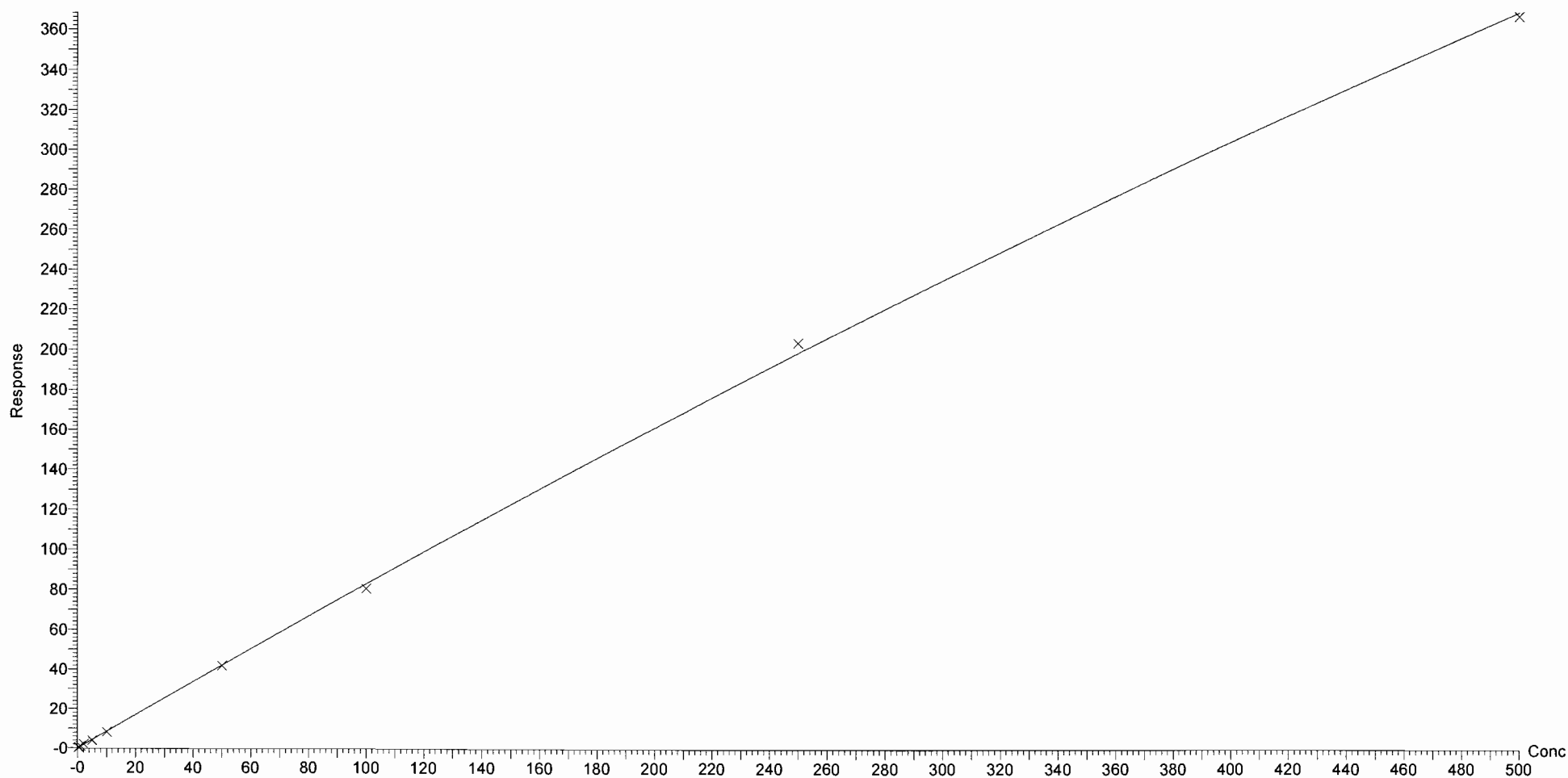
Compound name: PFODA

Coefficient of Determination: $R^2 = 0.999543$

Calibration curve: $-0.000231706 * x^2 + 0.852537 * x + 0.0234706$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:04:09 Pacific Daylight Time

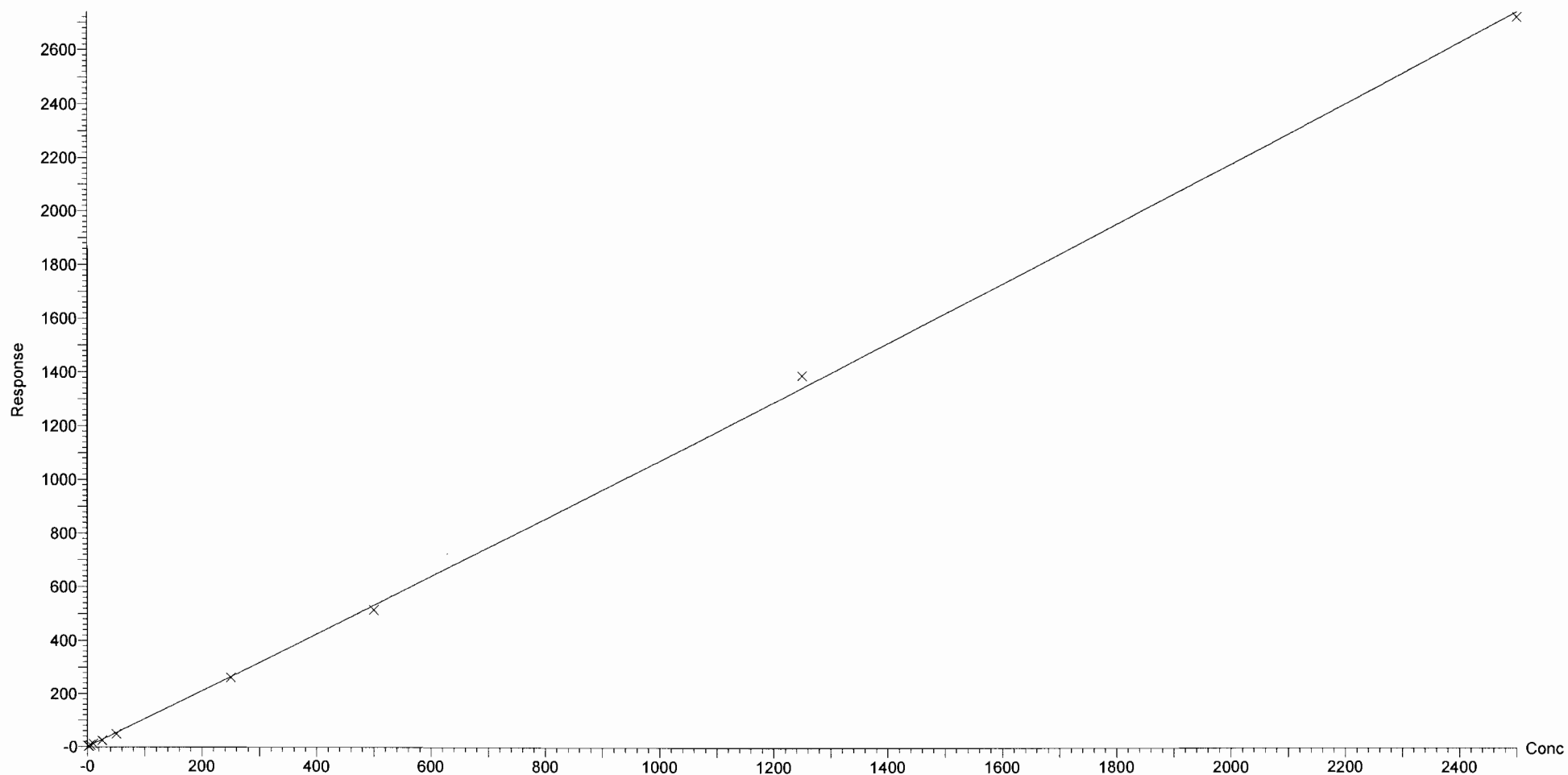
Compound name: N-MeFOSE

Coefficient of Determination: $R^2 = 0.999364$

Calibration curve: $1.67379e-005 * x^2 + 1.0539 * x + 0.431502$

Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:04:09 Pacific Daylight Time

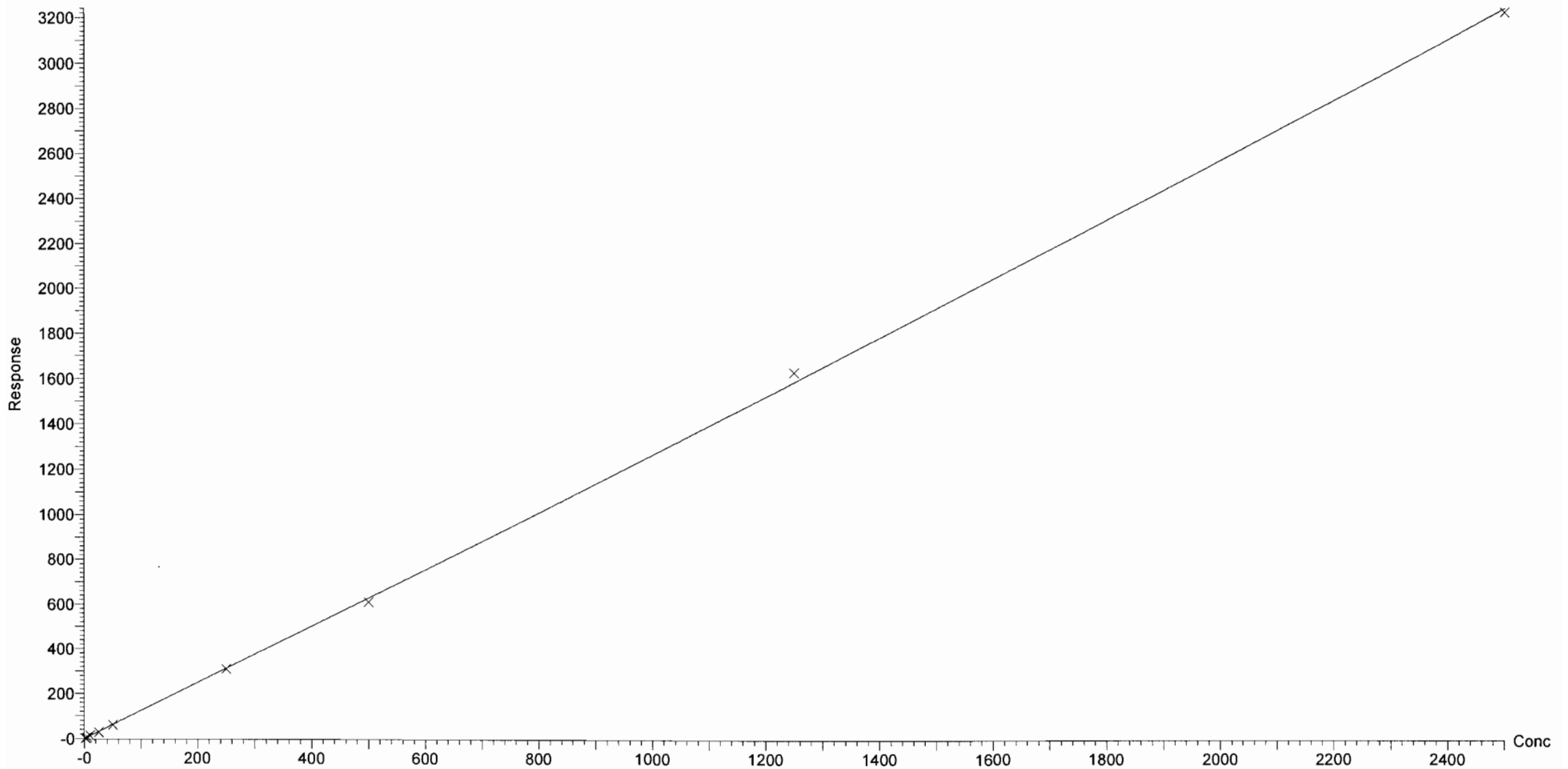
Compound name: N-EtFOSE

Coefficient of Determination: $R^2 = 0.999599$

Calibration curve: $2.04611e-005 * x^2 + 1.24508 * x + 0.437647$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

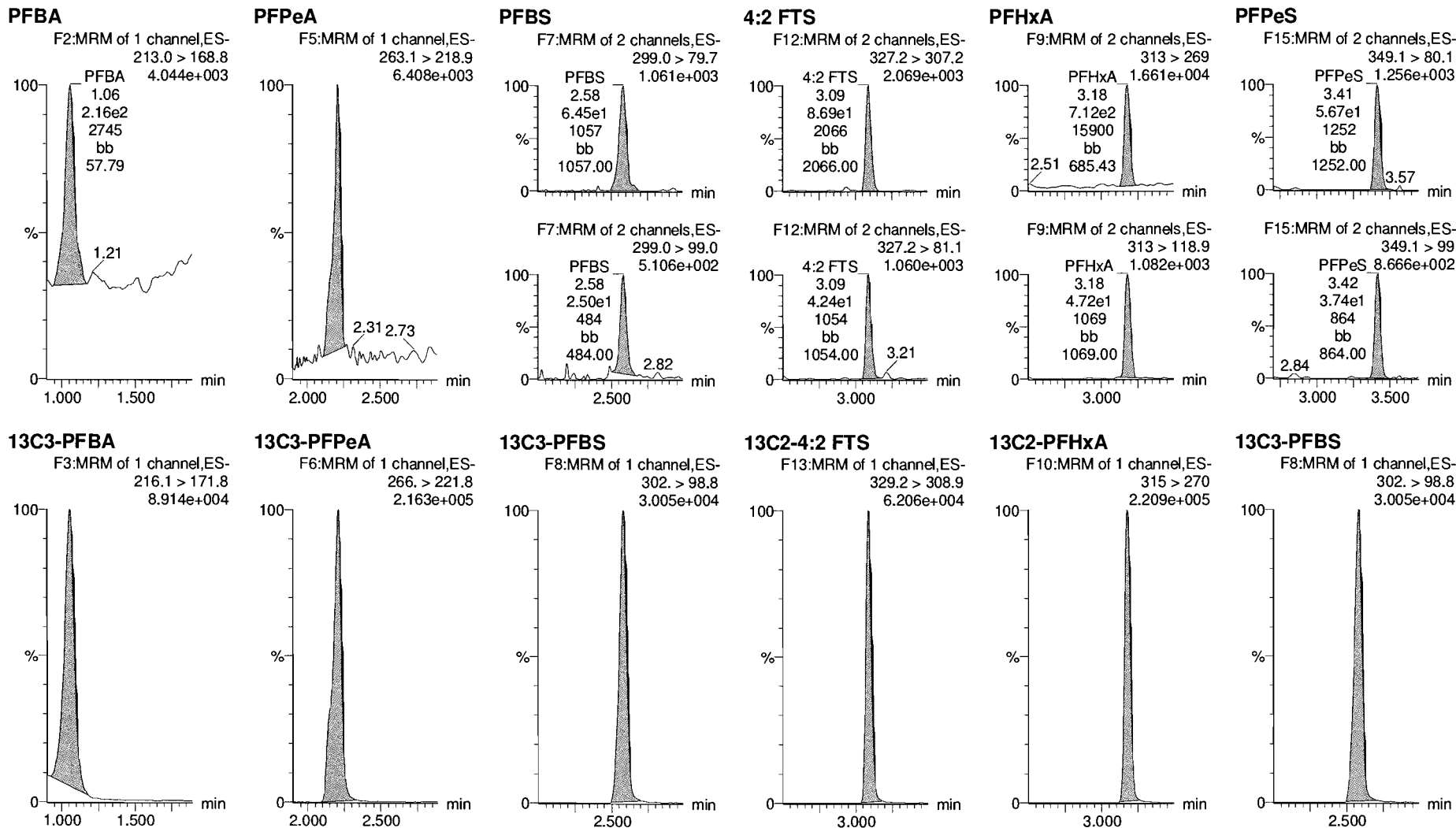


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:51:54 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10
Calibration: 18 Oct 2018 11:51:35

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801



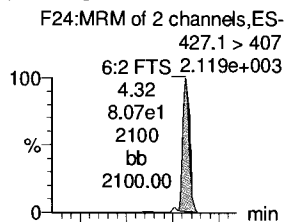
Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

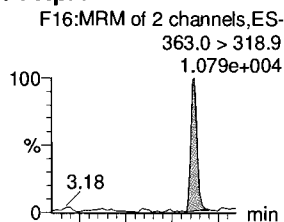
Printed: Thursday, October 18, 2018 11:51:54 Pacific Daylight Time

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801

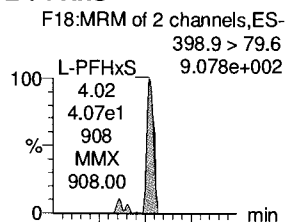
6:2 FTS



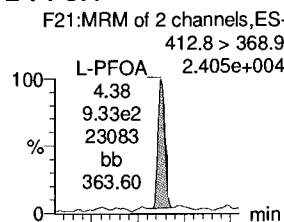
PFHpA



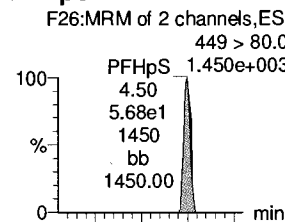
L-PFHxS



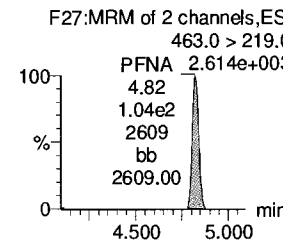
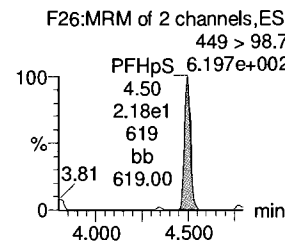
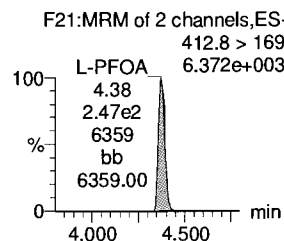
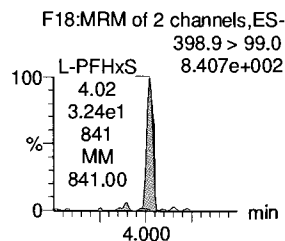
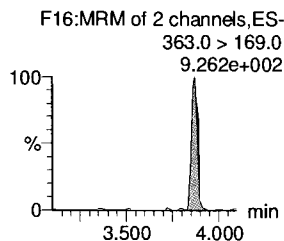
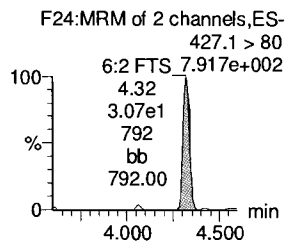
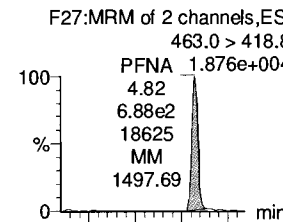
L-PFOA



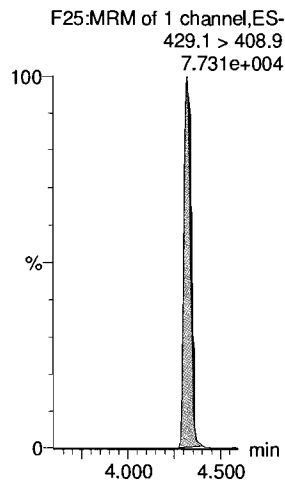
PFHpS



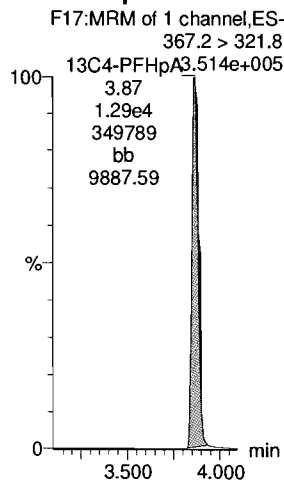
PFNA



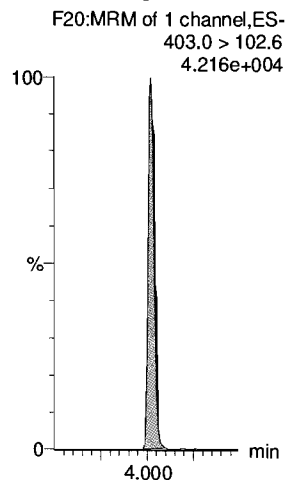
13C2-6:2 FTS



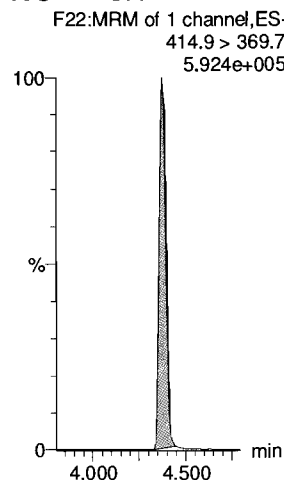
13C4-PFHpA



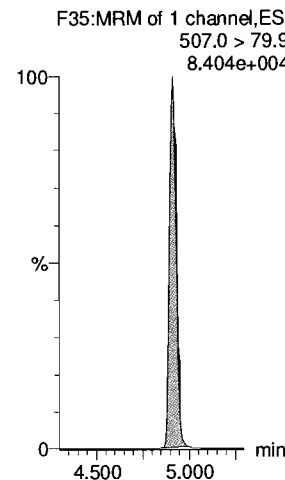
18O2-PFHxS



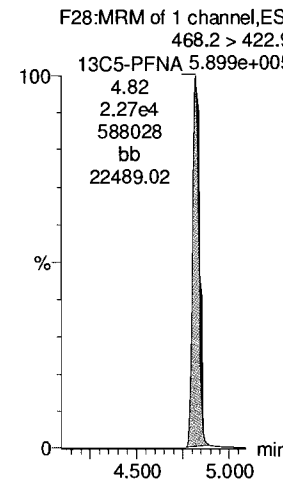
13C2-PFOA



13C8-PFOS



13C5-PFNA

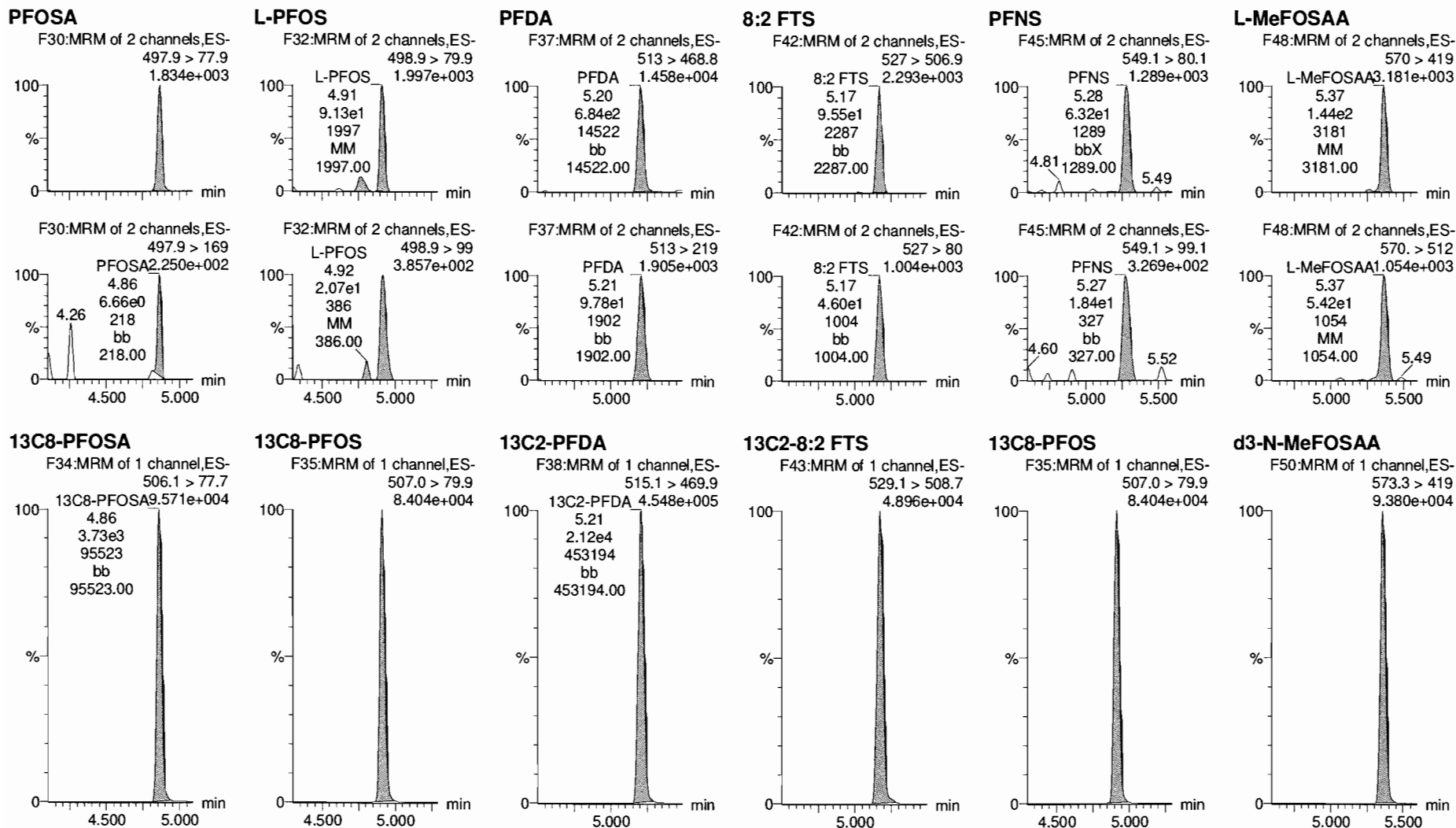


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:51:54 Pacific Daylight Time

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801

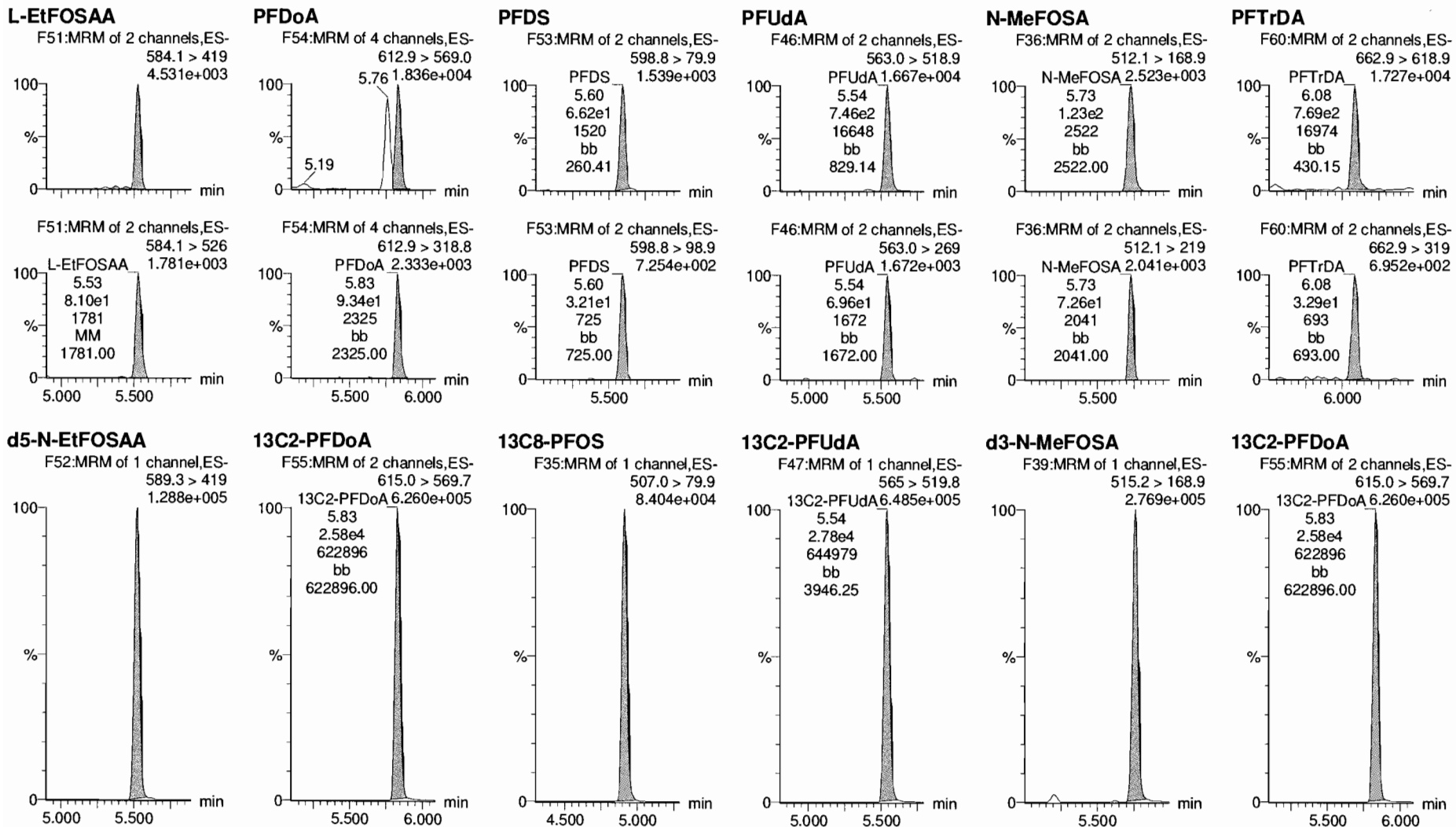


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:51:54 Pacific Daylight Time

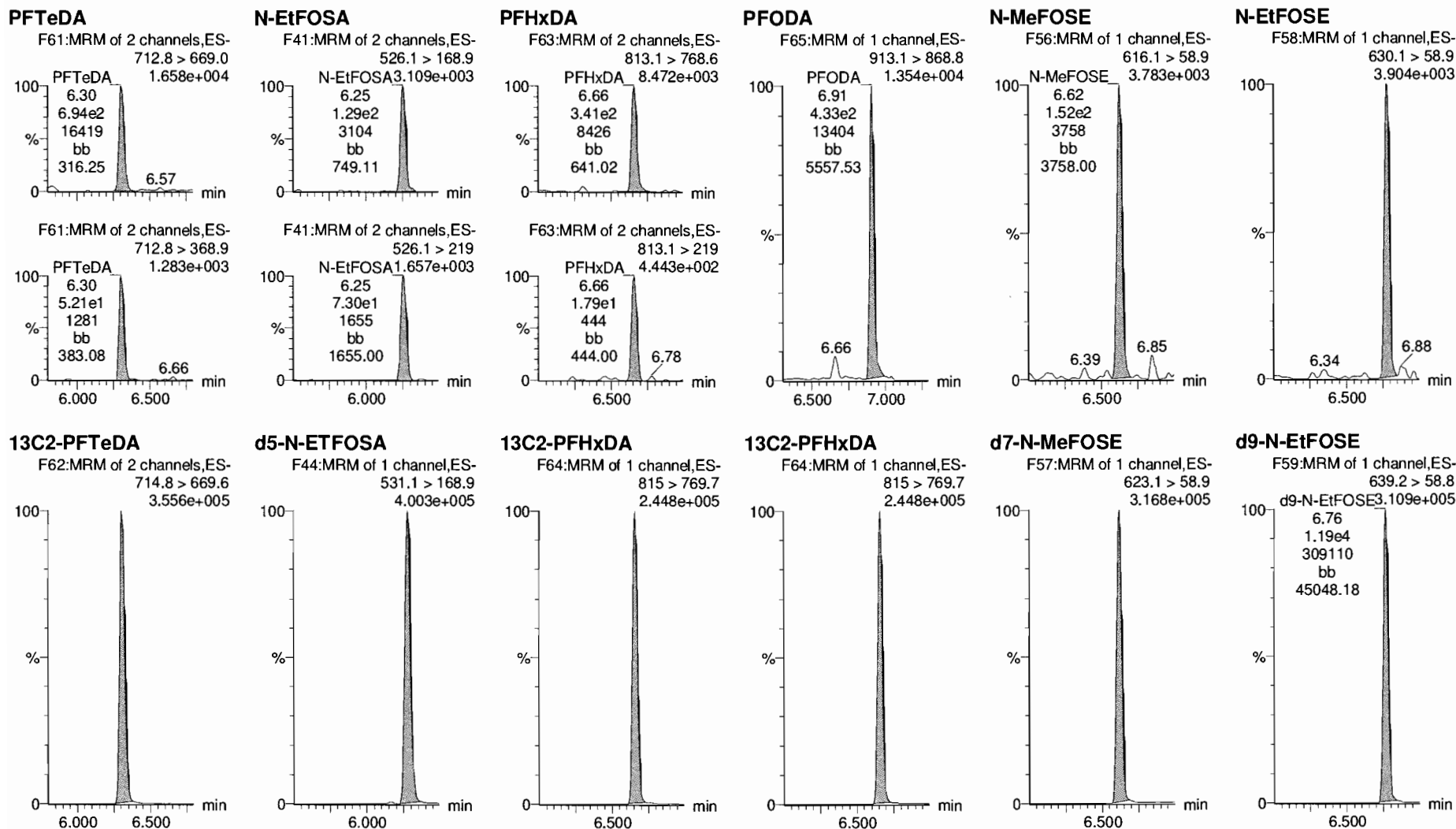
Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:51:54 Pacific Daylight Time

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801



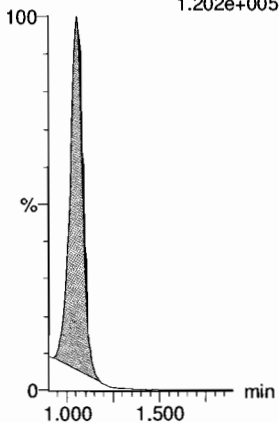
Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:51:54 Pacific Daylight Time

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801

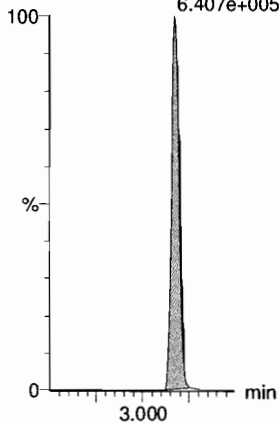
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.202e+005



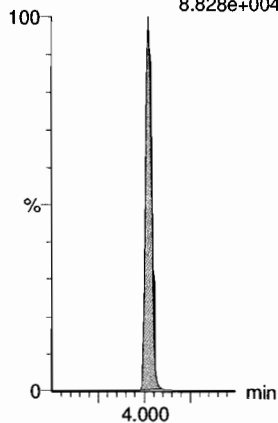
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
6.407e+005



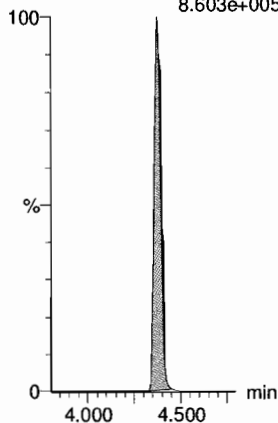
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
8.828e+004



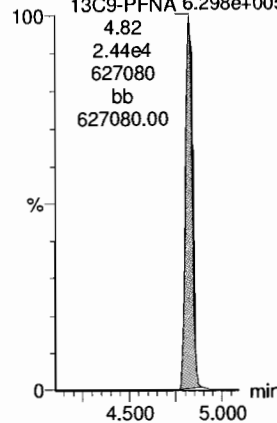
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
8.603e+005



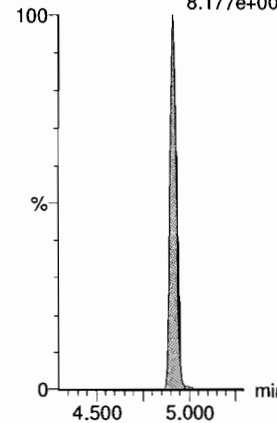
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.298e+005



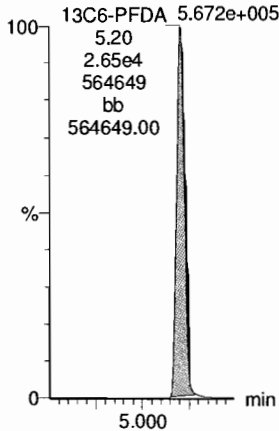
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
8.177e+004



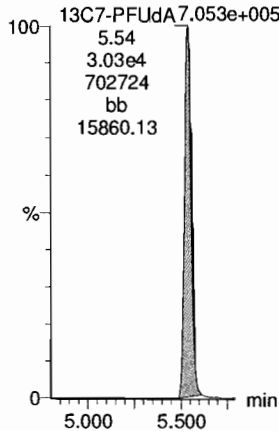
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
5.672e+005



13C7-PFUdA

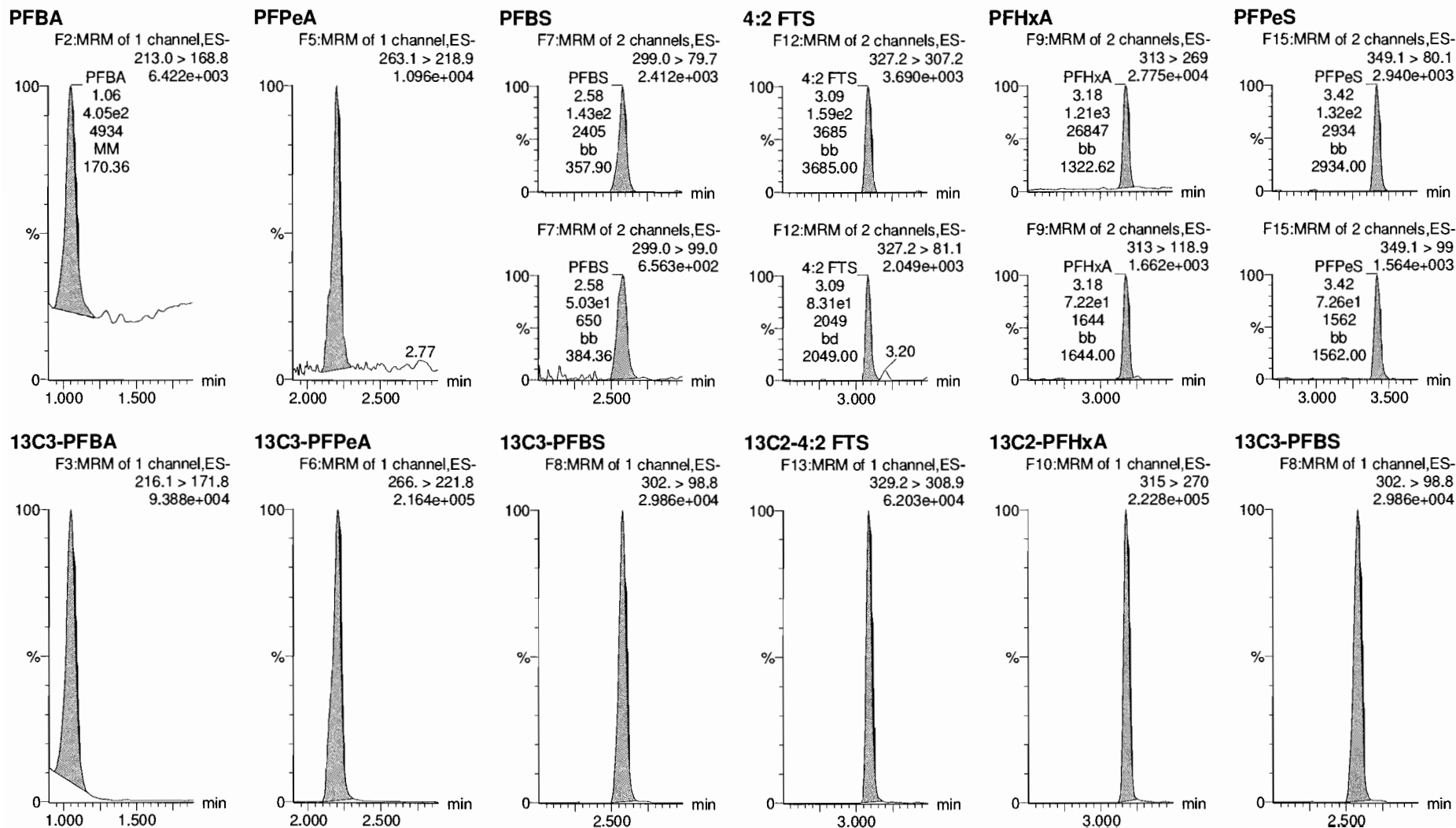
F49:MRM of 1 channel,ES-
570.1 > 524.8
7.053e+005



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

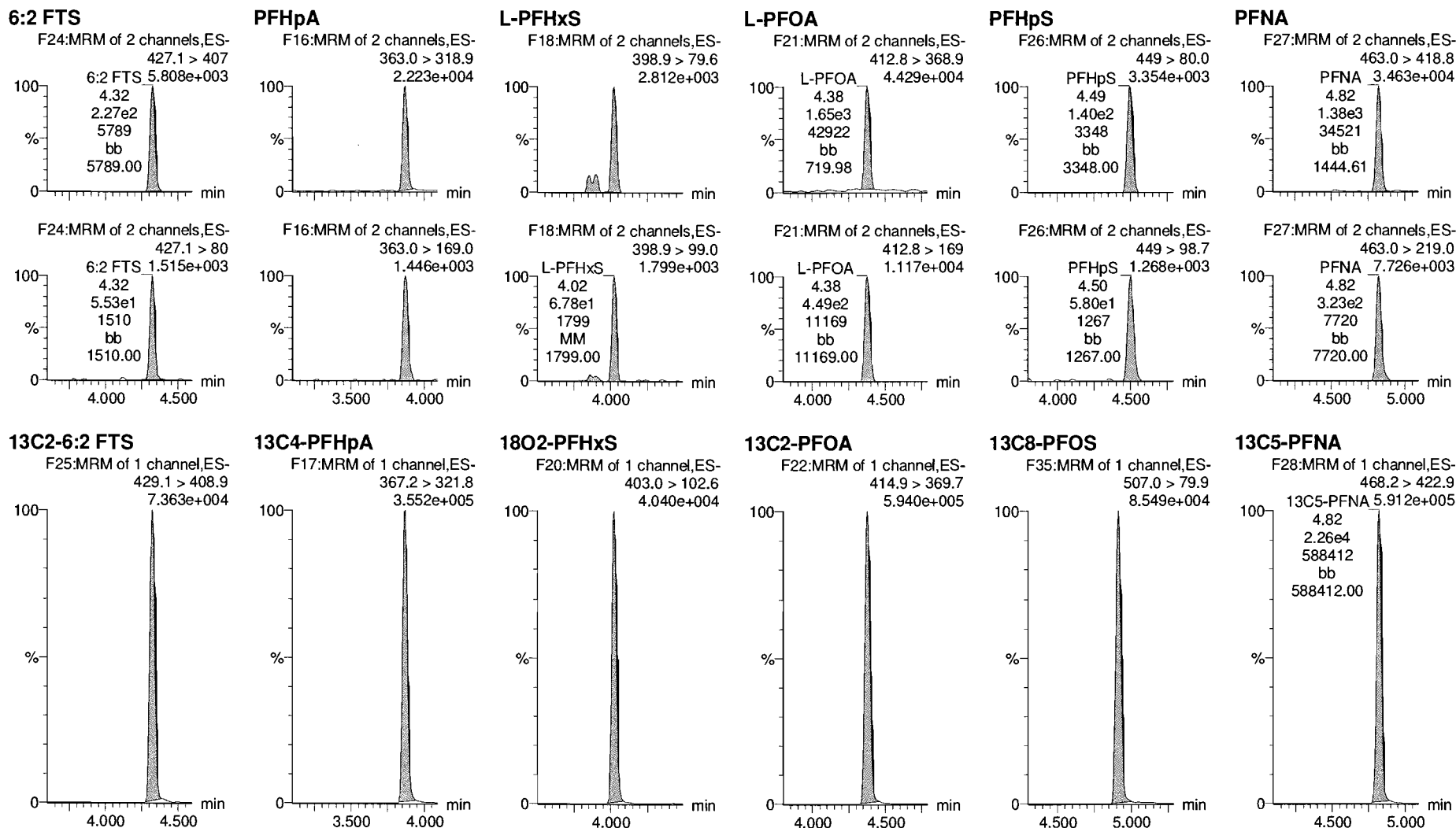
Name: 181017M1_3, Date: 17-Oct-2018, Time: 12:28:34, ID: ST181017M1-2 PFC CS-1 18J0802, Description: PFC CS-1 18J0802



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

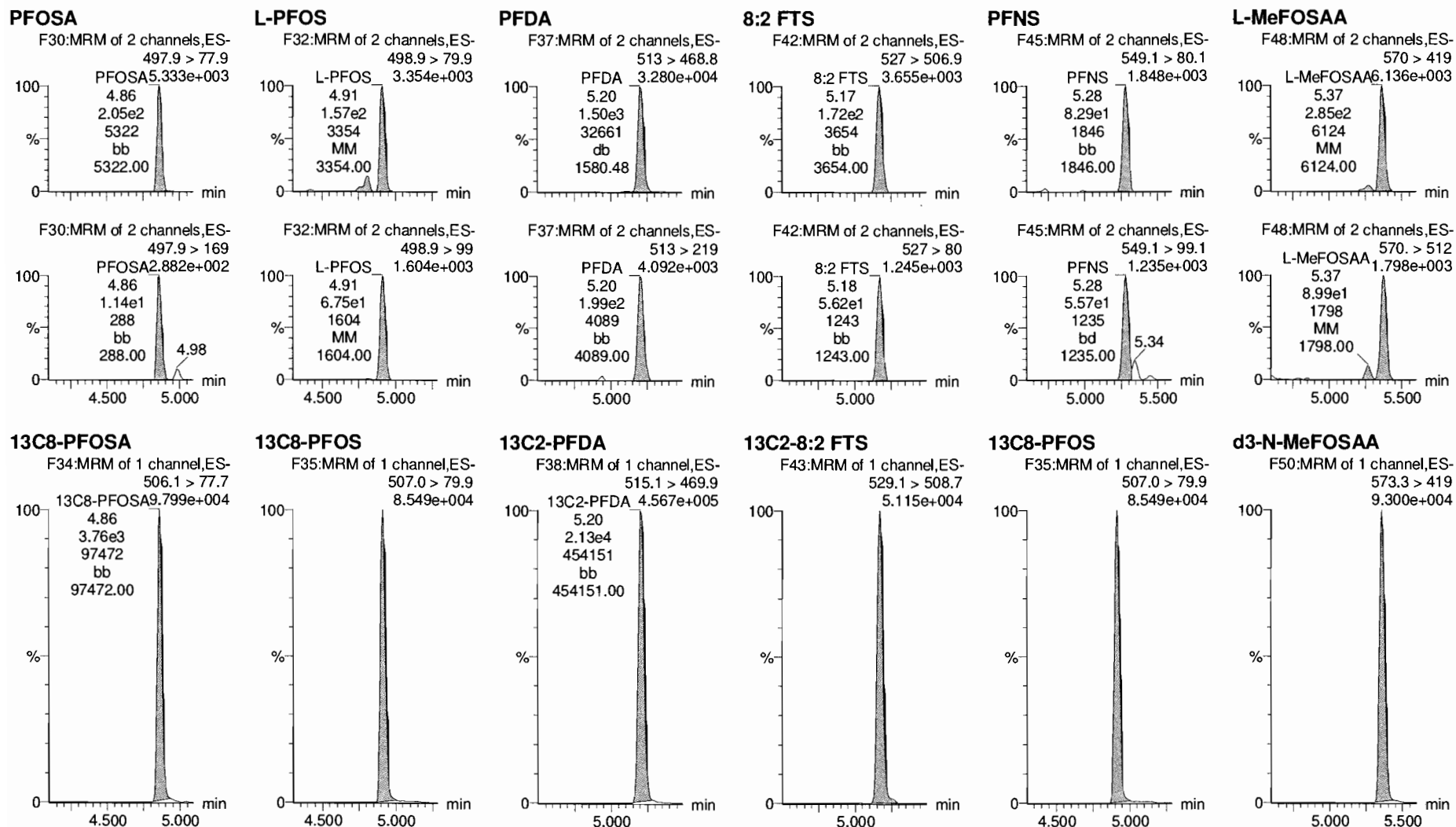
Name: 181017M1_3, Date: 17-Oct-2018, Time: 12:28:34, ID: ST181017M1-2 PFC CS-1 18J0802, Description: PFC CS-1 18J0802



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_3, Date: 17-Oct-2018, Time: 12:28:34, ID: ST181017M1-2 PFC CS-1 18J0802, Description: PFC CS-1 18J0802

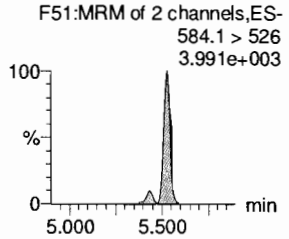
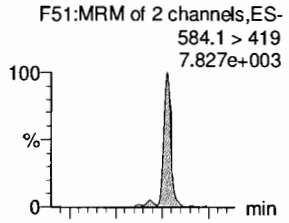


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

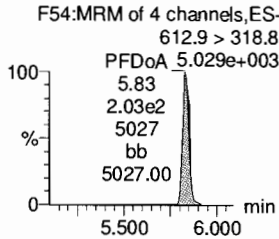
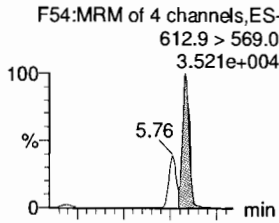
Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_3, Date: 17-Oct-2018, Time: 12:28:34, ID: ST181017M1-2 PFC CS-1 18J0802, Description: PFC CS-1 18J0802

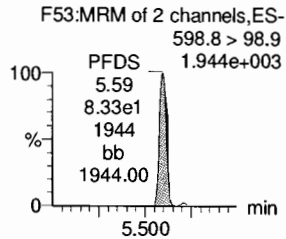
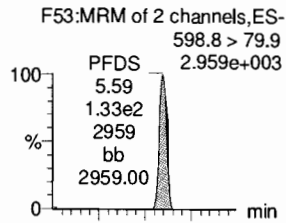
L-EtFOSAA



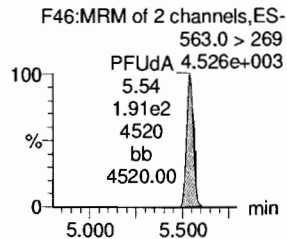
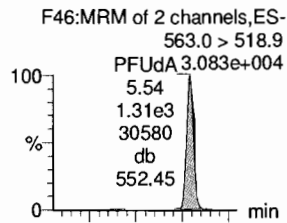
PFDoA



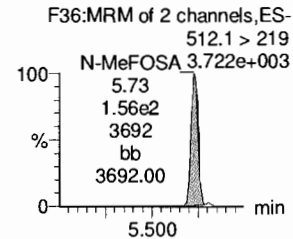
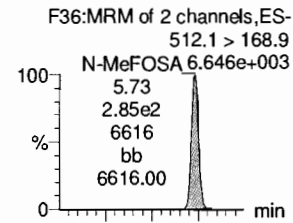
PFDS



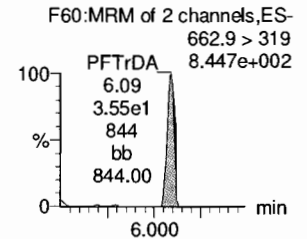
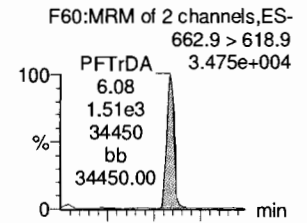
PFUdA



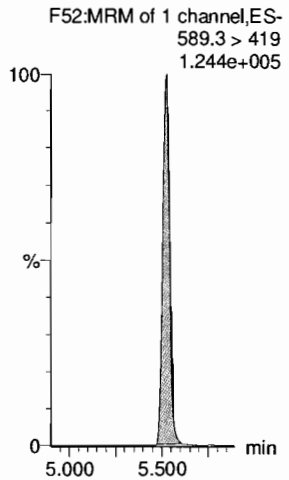
N-MeFOSA



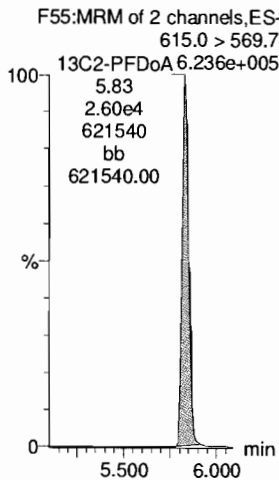
PFTrDA



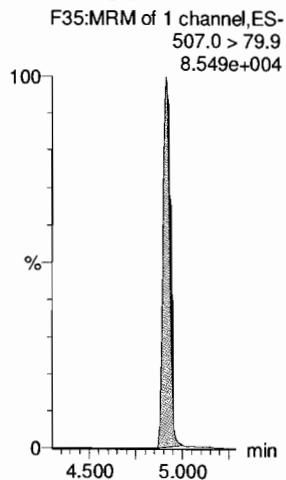
d5-N-EtFOSAA



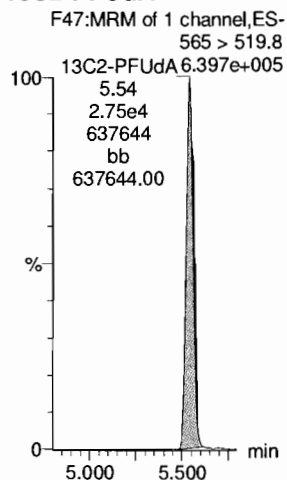
13C2-PFDoA



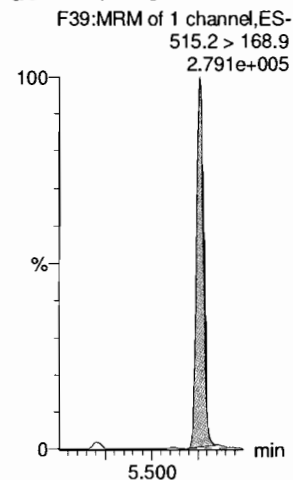
13C8-PFOS



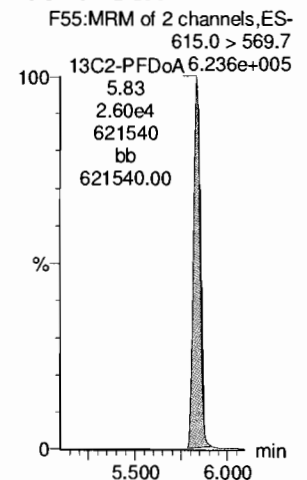
13C2-PFUdA



d3-N-MeFOSA



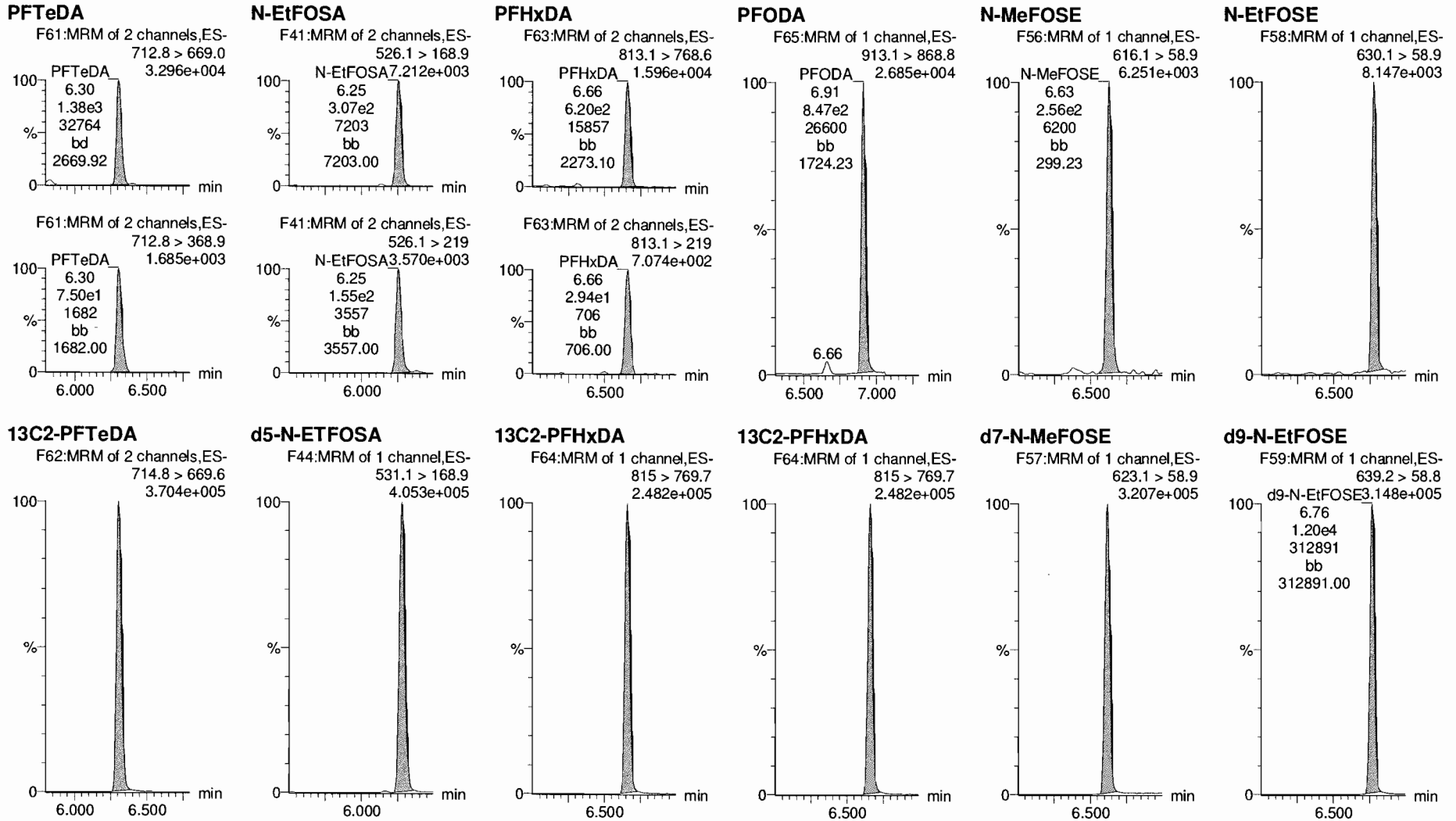
13C2-PFDoA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_3, Date: 17-Oct-2018, Time: 12:28:34, ID: ST181017M1-2 PFC CS-1 18J0802, Description: PFC CS-1 18J0802

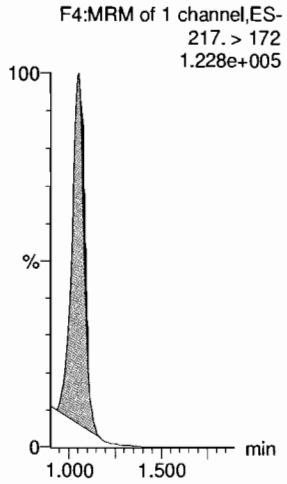


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

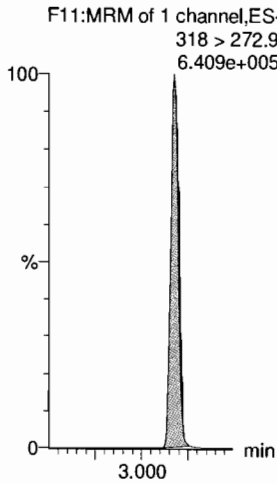
Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_3, Date: 17-Oct-2018, Time: 12:28:34, ID: ST181017M1-2 PFC CS-1 18J0802, Description: PFC CS-1 18J0802

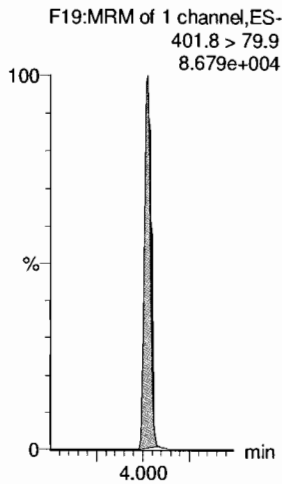
13C4-PFBA



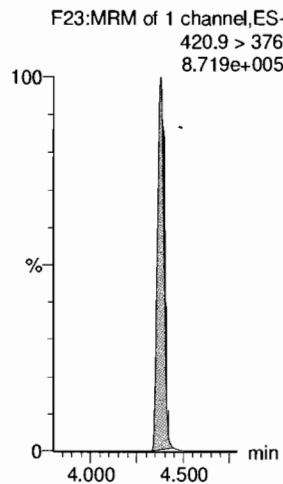
13C5-PFHxA



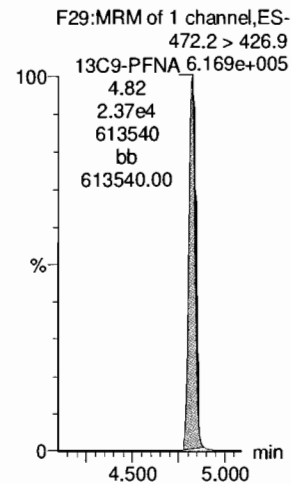
13C3-PFHxS



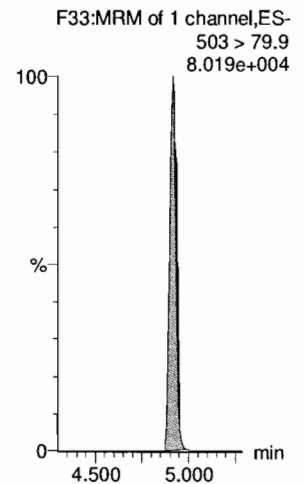
13C8-PFOA



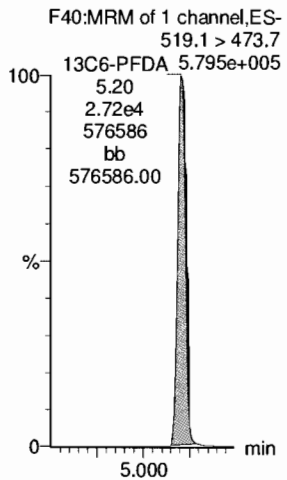
13C9-PFNA



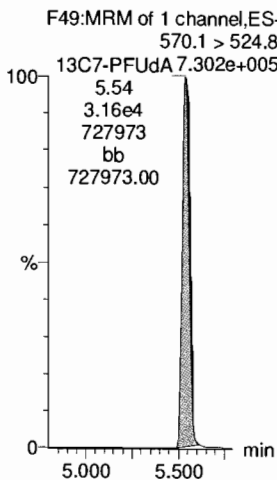
13C4-PFOS



13C6-PFDA



13C7-PFUdA

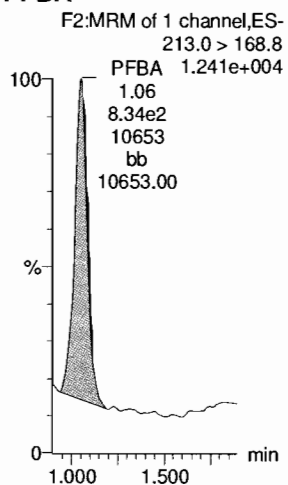


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

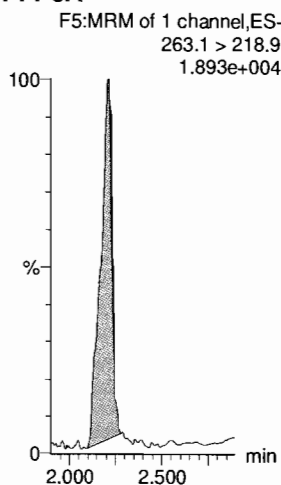
Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_4, Date: 17-Oct-2018, Time: 12:39:07, ID: ST181017M1-3 PFC CS0 18J0803, Description: PFC CS0 18J0803

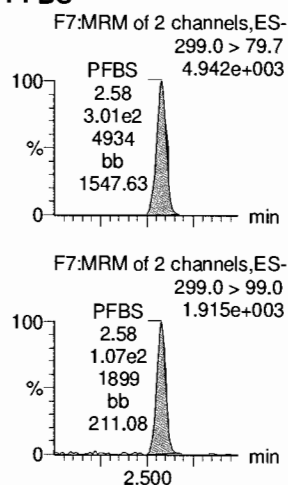
PFBA



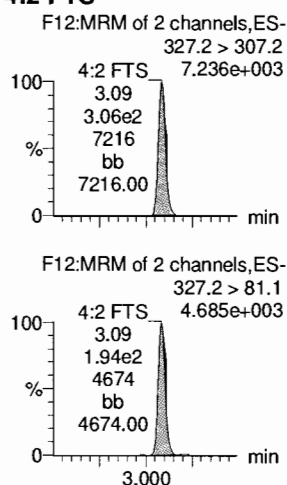
PFPeA



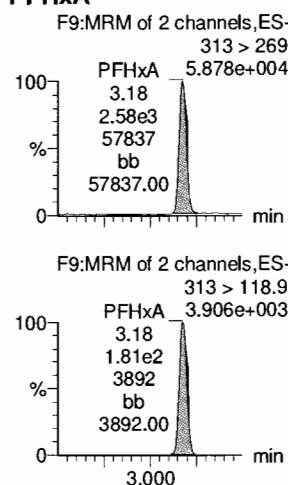
PFBS



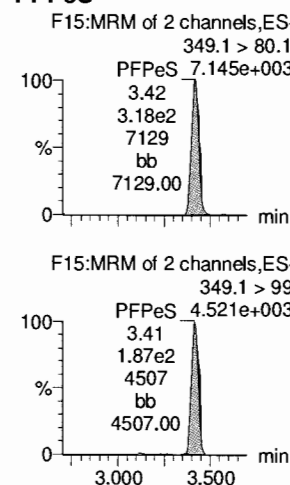
4:2 FTS



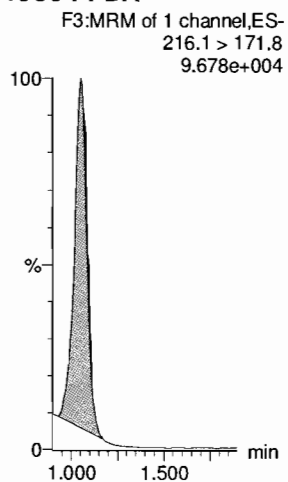
PFHxA



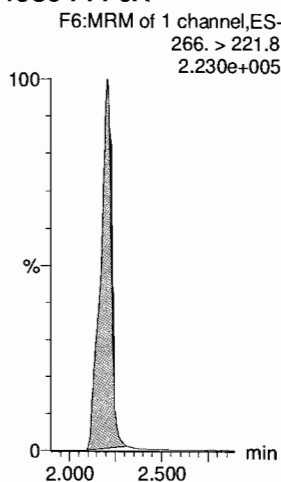
PFPeS



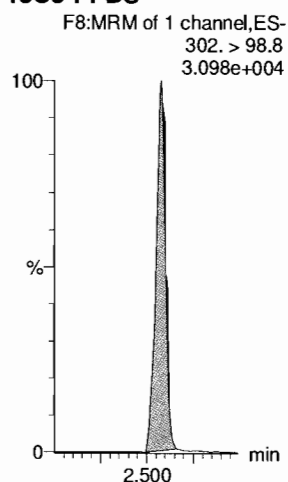
13C3-PFBA



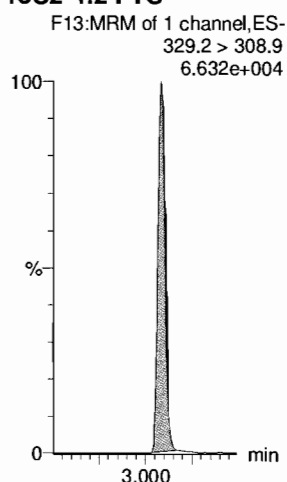
13C3-PFPeA



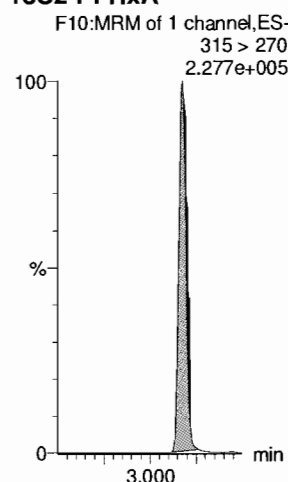
13C3-PFBS



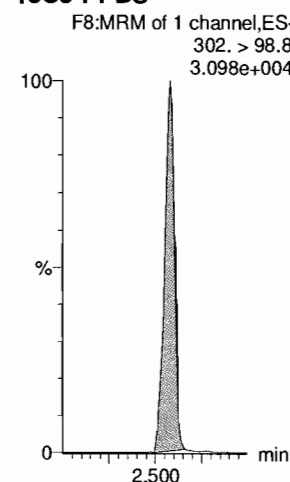
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS

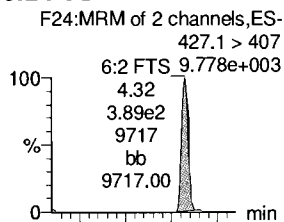


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

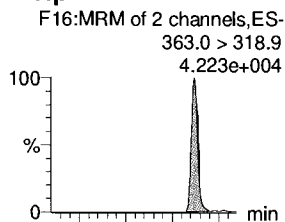
Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_4, Date: 17-Oct-2018, Time: 12:39:07, ID: ST181017M1-3 PFC CS0 18J0803, Description: PFC CS0 18J0803

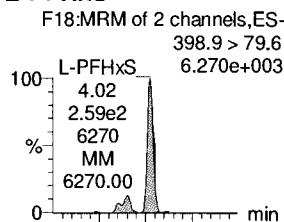
6:2 FTS



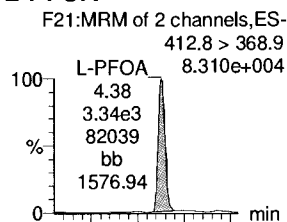
PFHpA



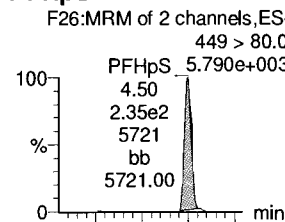
L-PFHxS



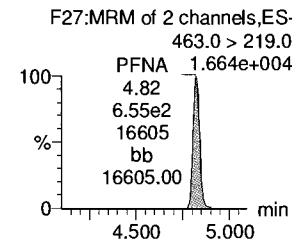
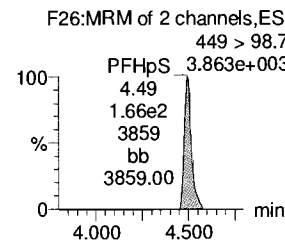
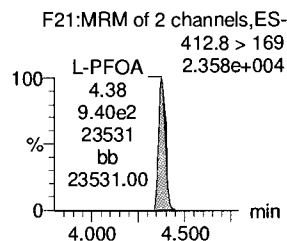
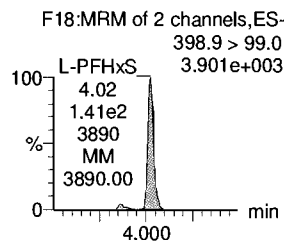
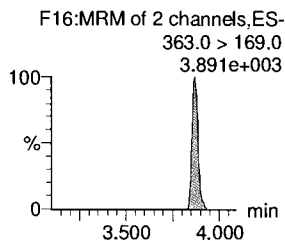
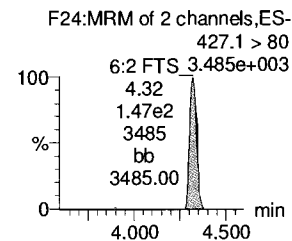
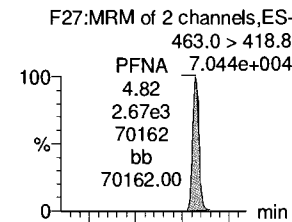
L-PFOA



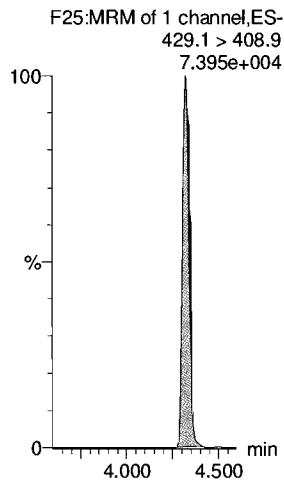
PFHpS



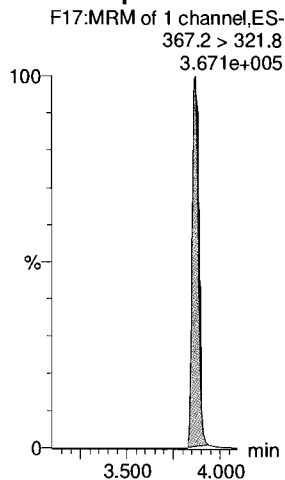
PFNA



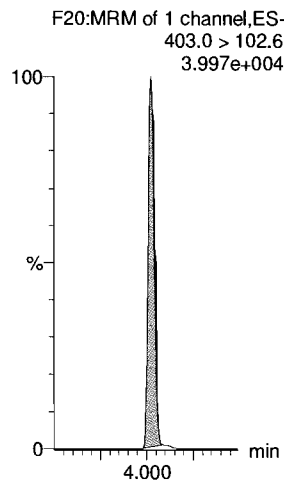
13C2-6:2 FTS



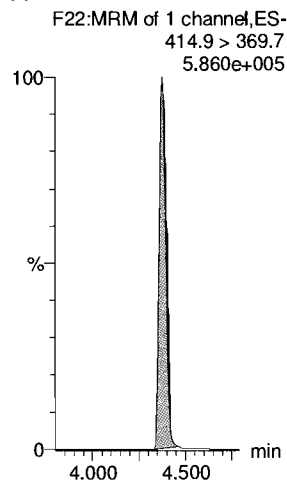
13C4-PFHpA



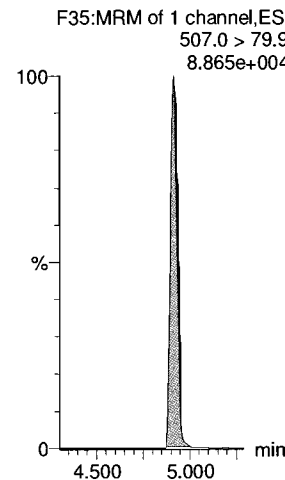
18O2-PFHxS



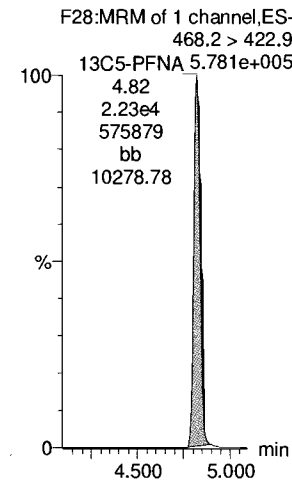
13C2-PFOA



13C8-PFOS



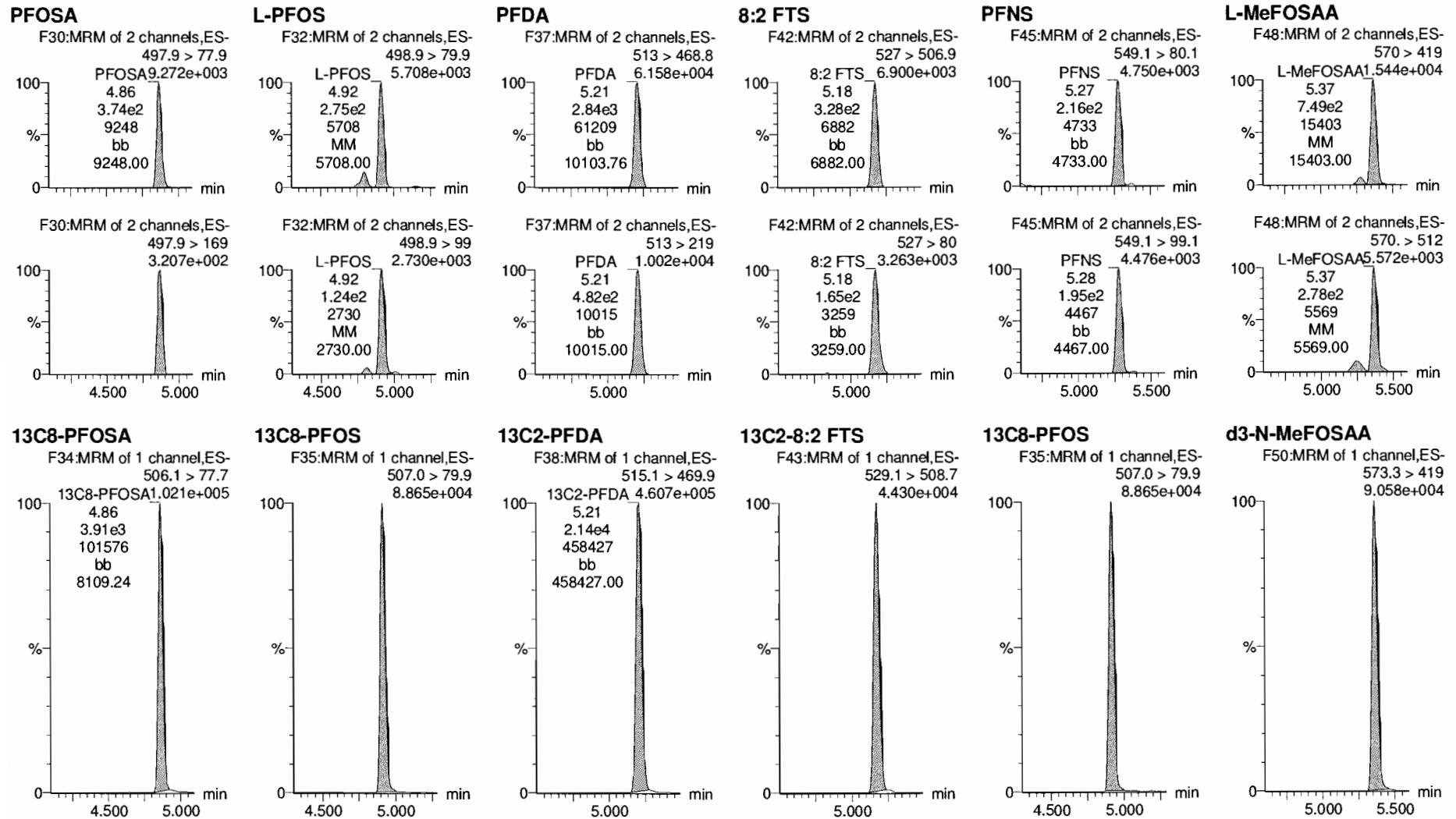
13C5-PFNA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_4, Date: 17-Oct-2018, Time: 12:39:07, ID: ST181017M1-3 PFC CS0 18J0803, Description: PFC CS0 18J0803

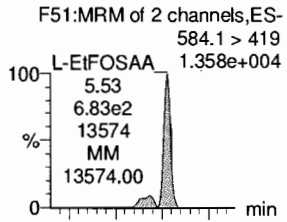


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

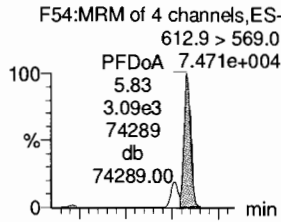
Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_4, Date: 17-Oct-2018, Time: 12:39:07, ID: ST181017M1-3 PFC CS0 18J0803, Description: PFC CS0 18J0803

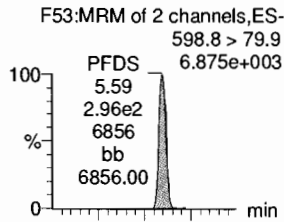
L-EtFOSAA



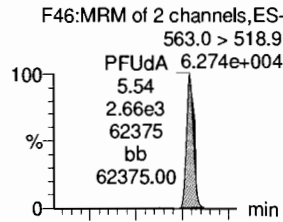
PFDoA



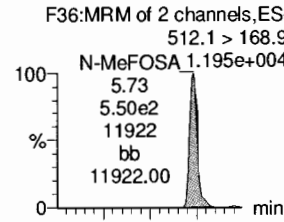
PFDS



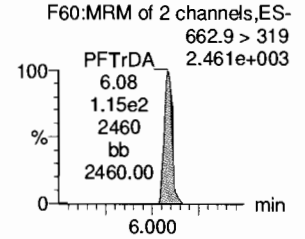
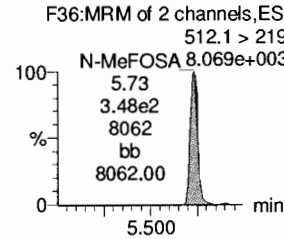
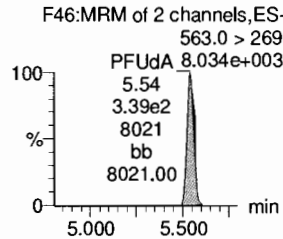
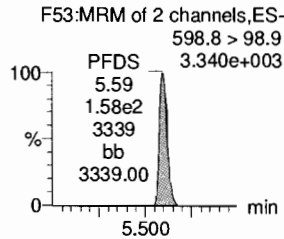
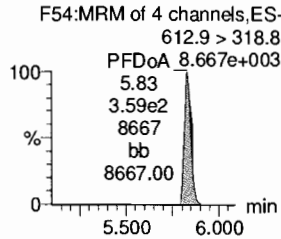
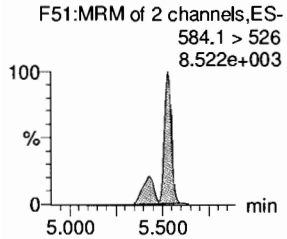
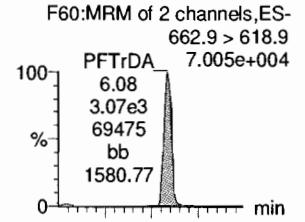
PFUdA



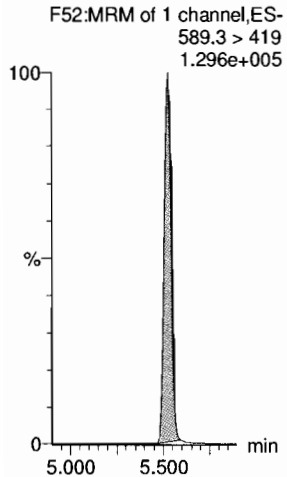
N-MeFOSA



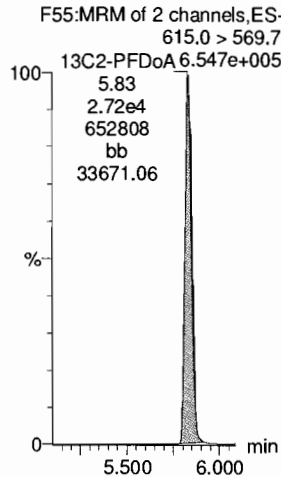
PFTrDA



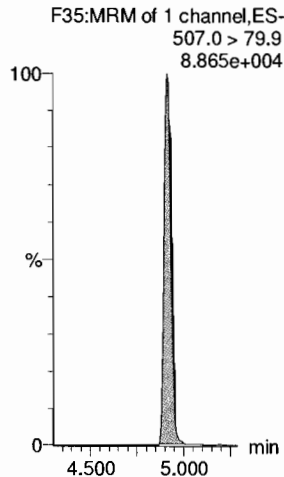
d5-N-EtFOSAA



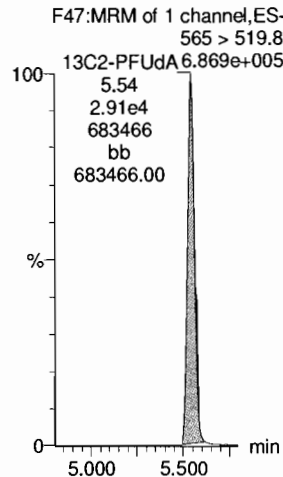
13C2-PFDoA



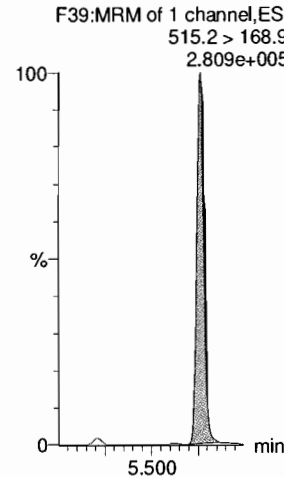
13C8-PFOS



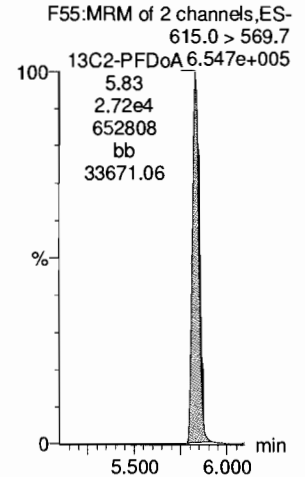
13C2-PFUdA



d3-N-MeFOSA



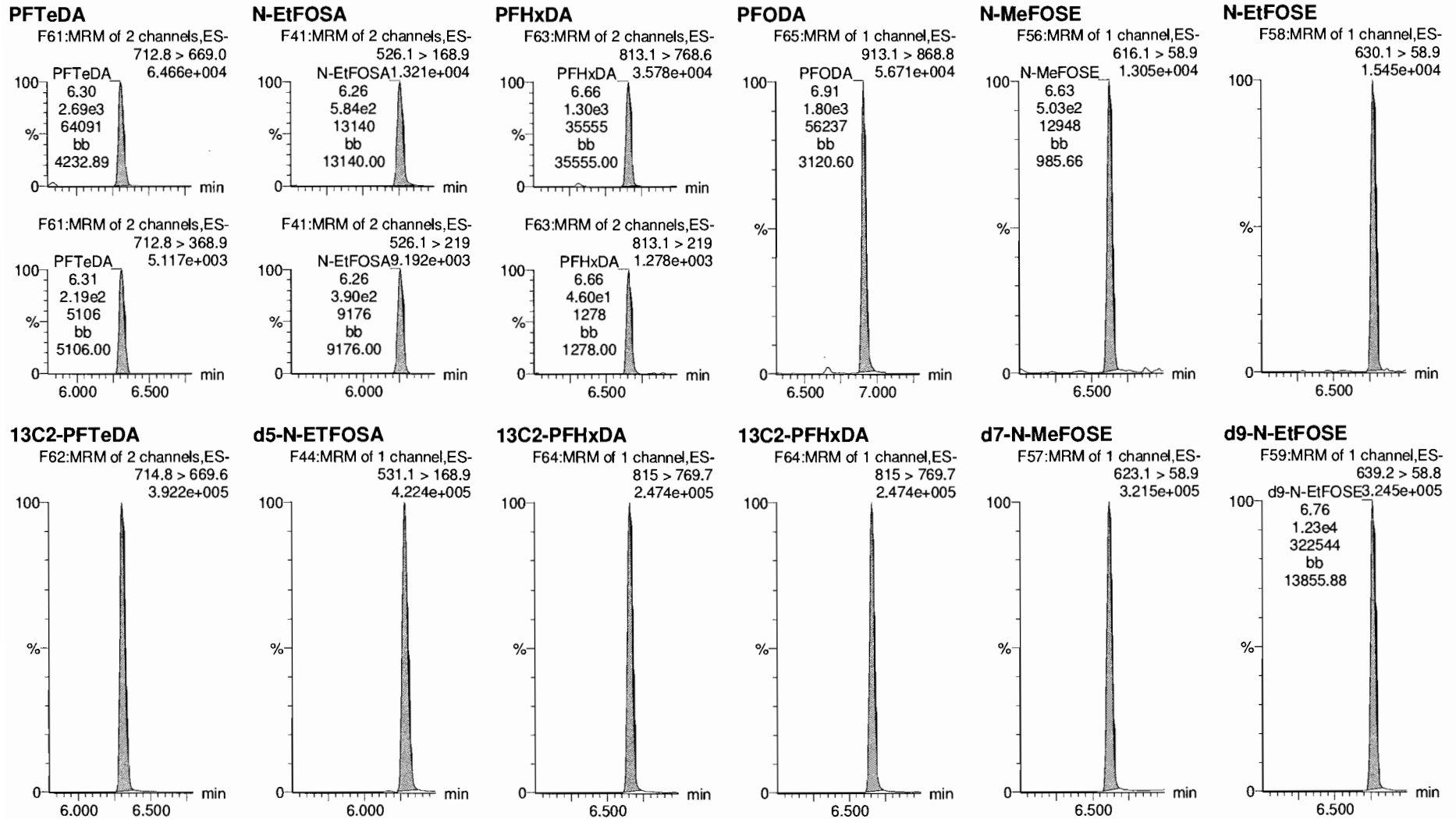
13C2-PFDoA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_4, Date: 17-Oct-2018, Time: 12:39:07, ID: ST181017M1-3 PFC CS0 18J0803, Description: PFC CS0 18J0803



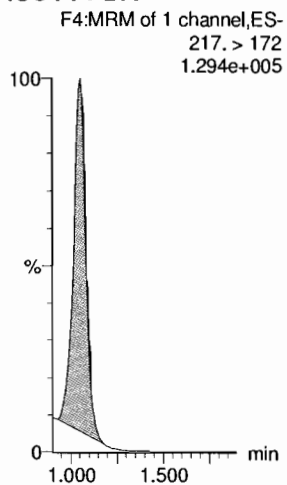
Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

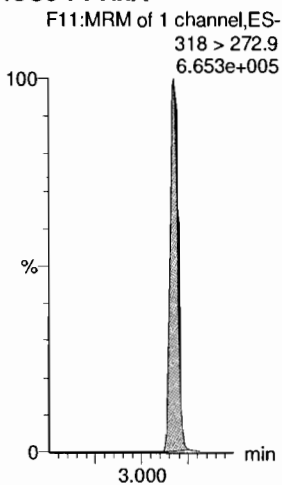
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_4, Date: 17-Oct-2018, Time: 12:39:07, ID: ST181017M1-3 PFC CS0 18J0803, Description: PFC CS0 18J0803

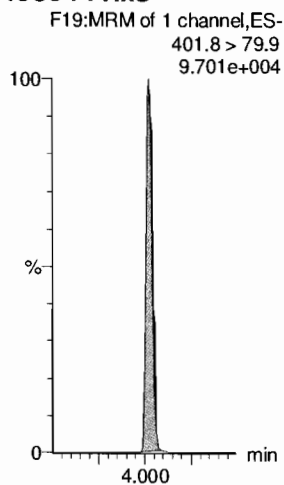
13C4-PFBA



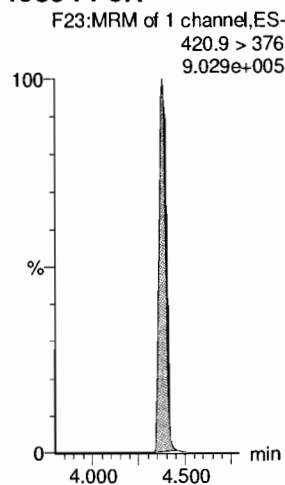
13C5-PFHxA



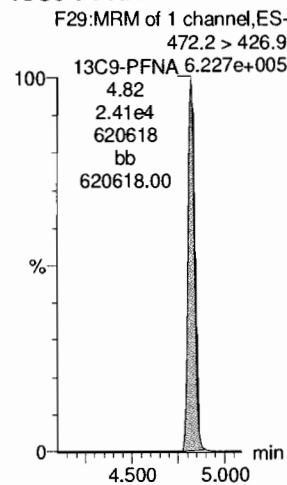
13C3-PFHxS



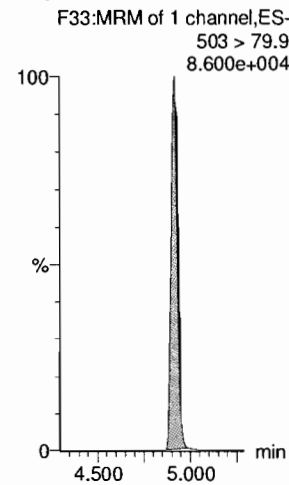
13C8-PFOA



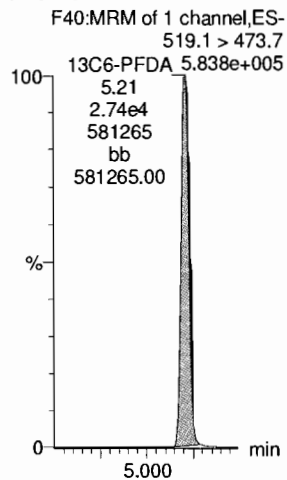
13C9-PFNA



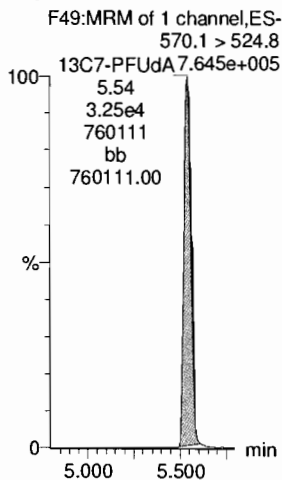
13C4-PFOS



13C6-PFDA



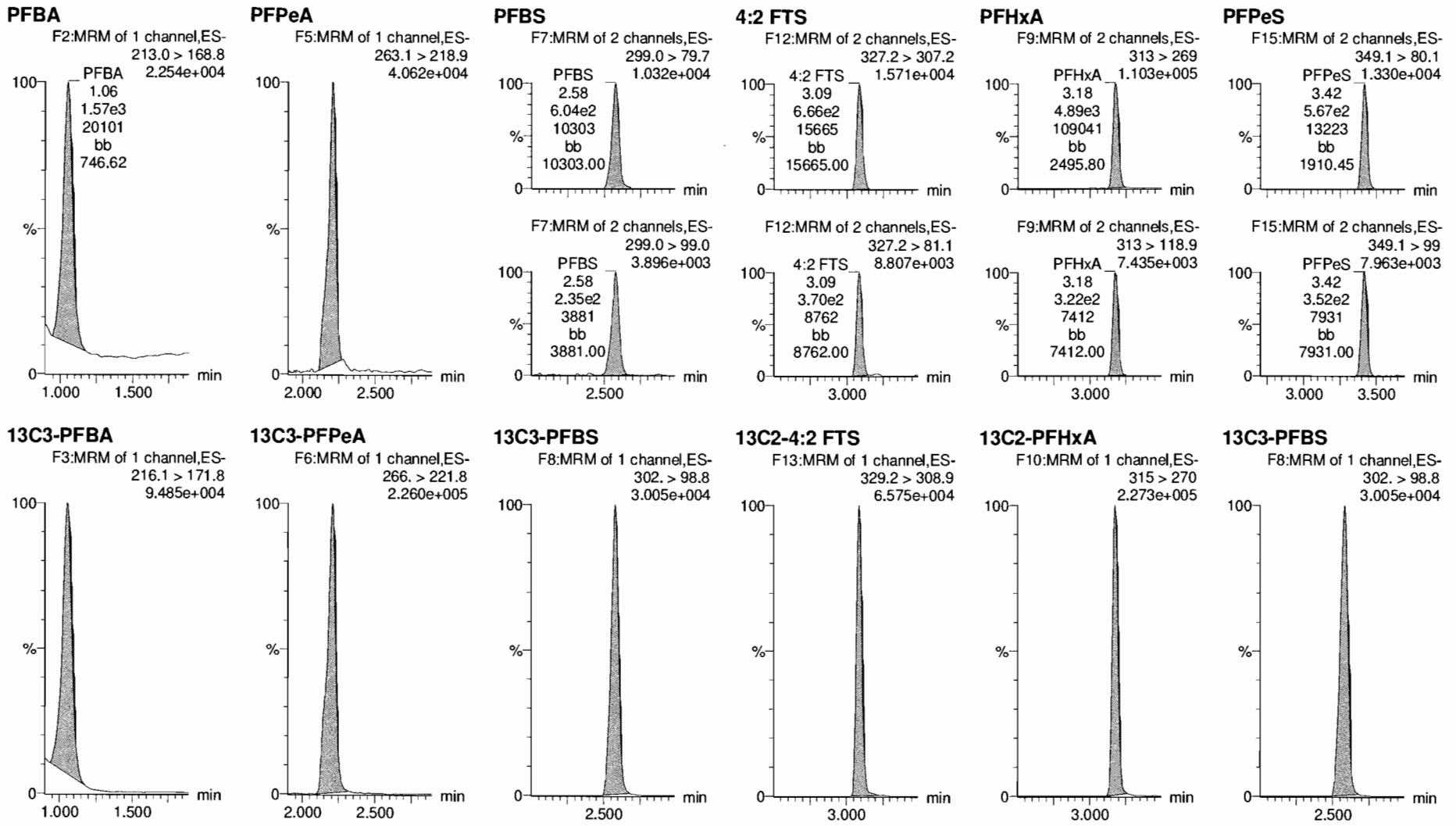
13C7-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

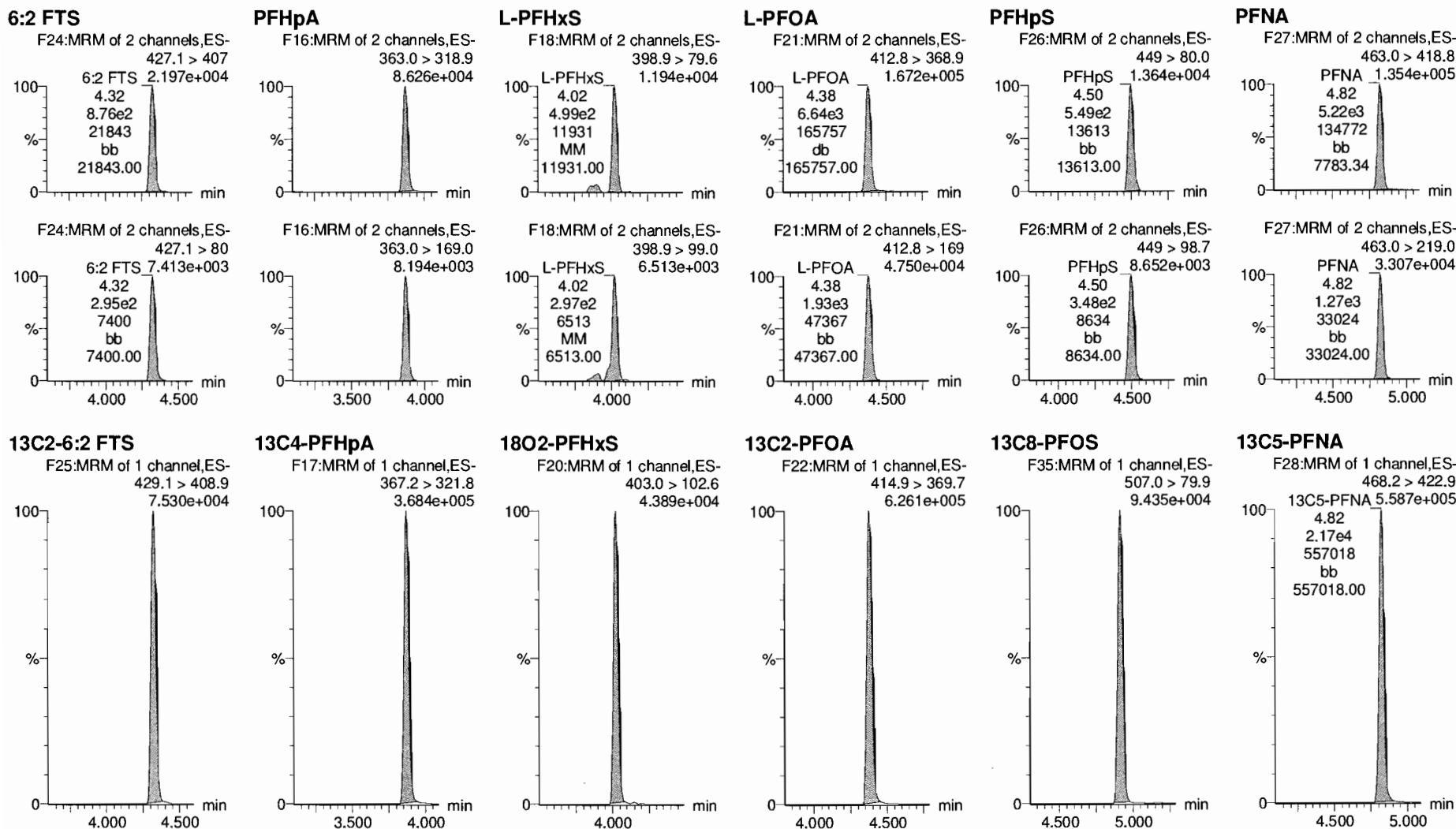
Name: 181017M1_5, Date: 17-Oct-2018, Time: 12:49:46, ID: ST181017M1-4 PFC CS1 18J0804, Description: PFC CS1 18J0804



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_5, Date: 17-Oct-2018, Time: 12:49:46, ID: ST181017M1-4 PFC CS1 18J0804, Description: PFC CS1 18J0804



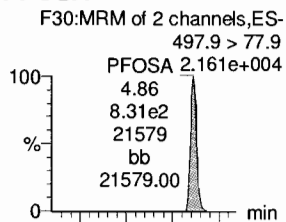
Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

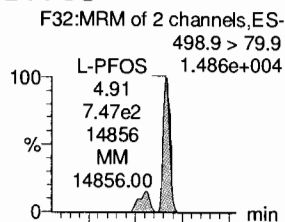
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_5, Date: 17-Oct-2018, Time: 12:49:46, ID: ST181017M1-4 PFC CS1 18J0804, Description: PFC CS1 18J0804

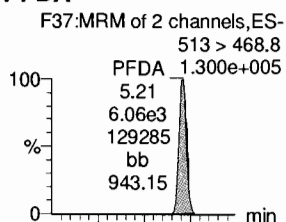
PFOSA



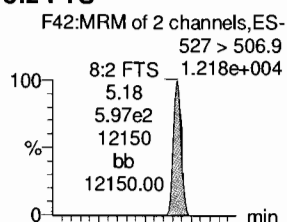
L-PFOS



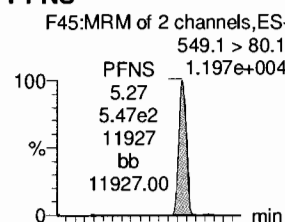
PFDA



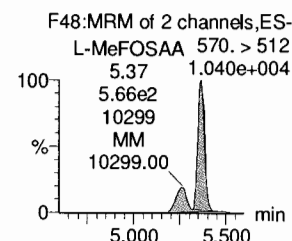
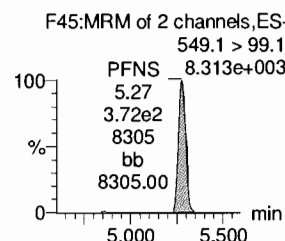
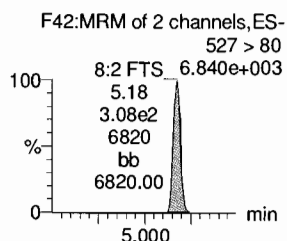
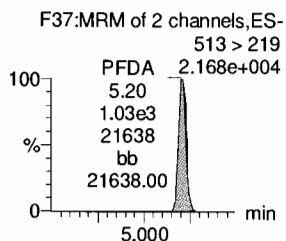
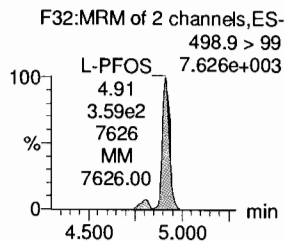
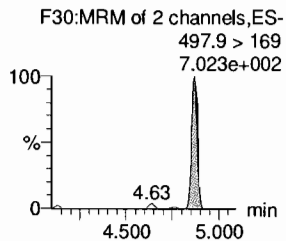
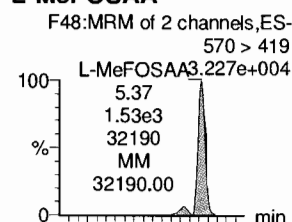
8:2 FTS



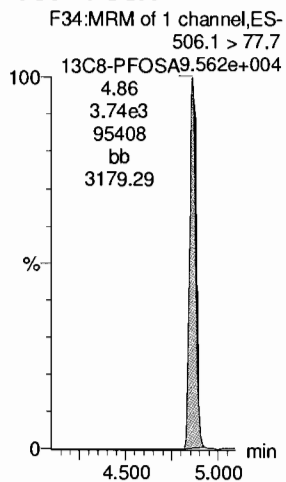
PFNS



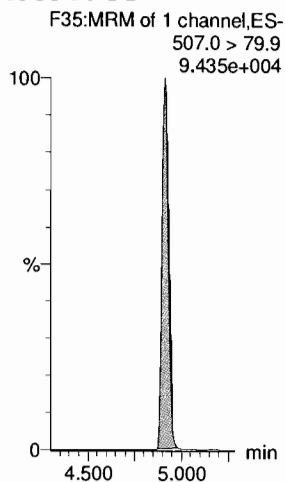
L-MeFOSAA



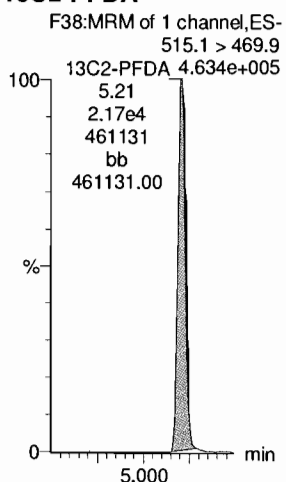
13C8-PFOSA



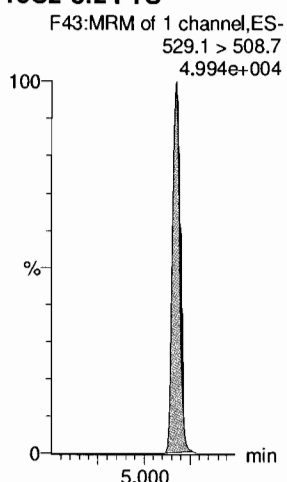
13C8-PFOS



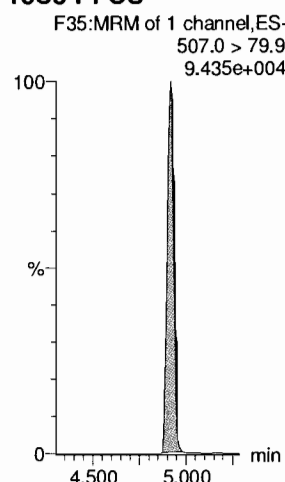
13C2-PFDA



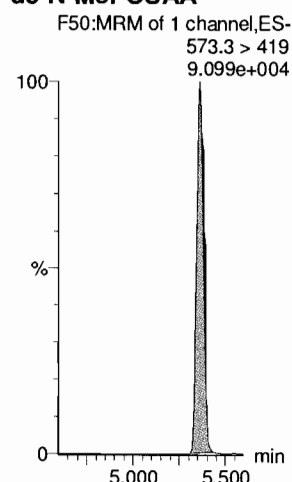
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

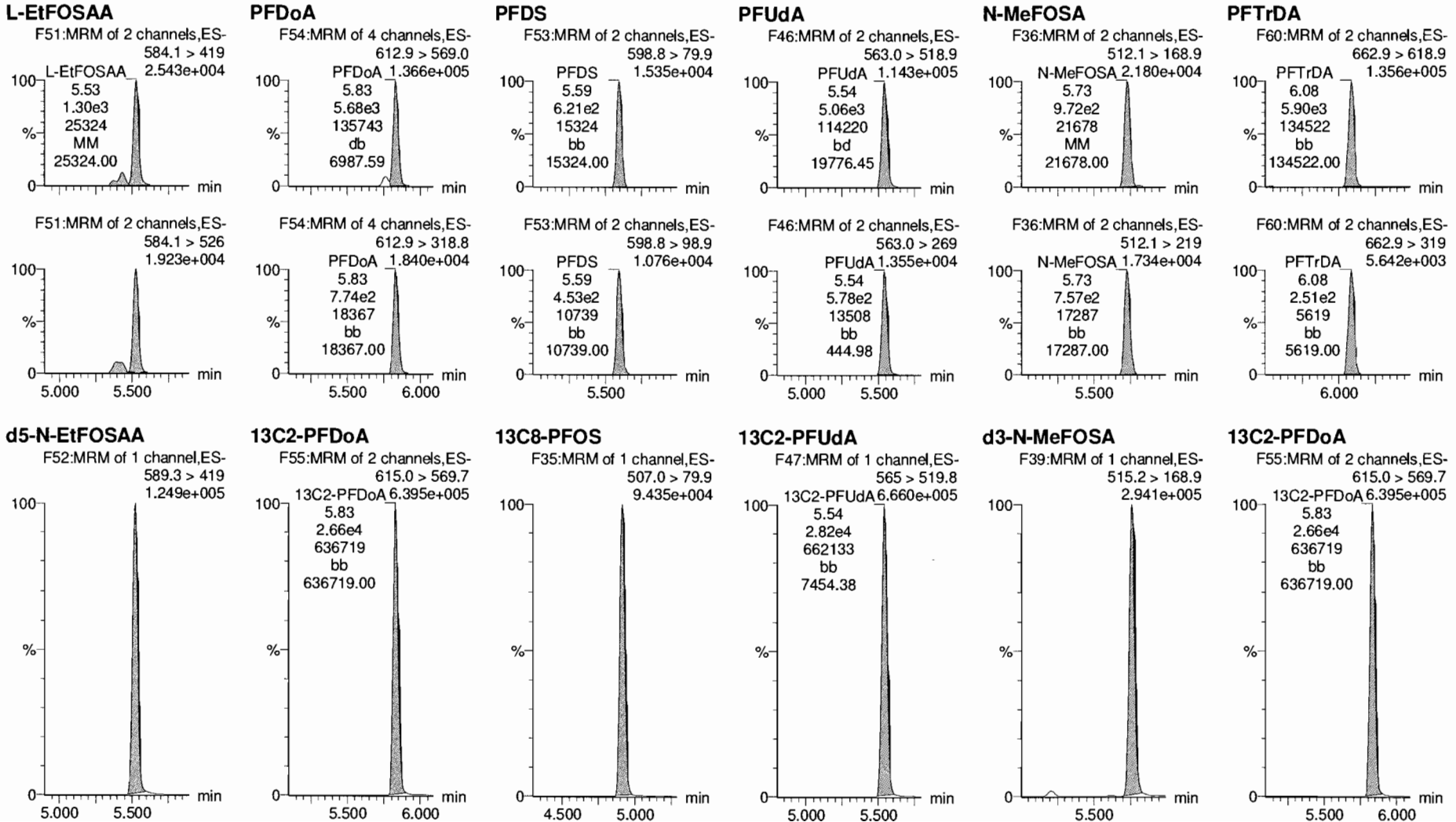


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

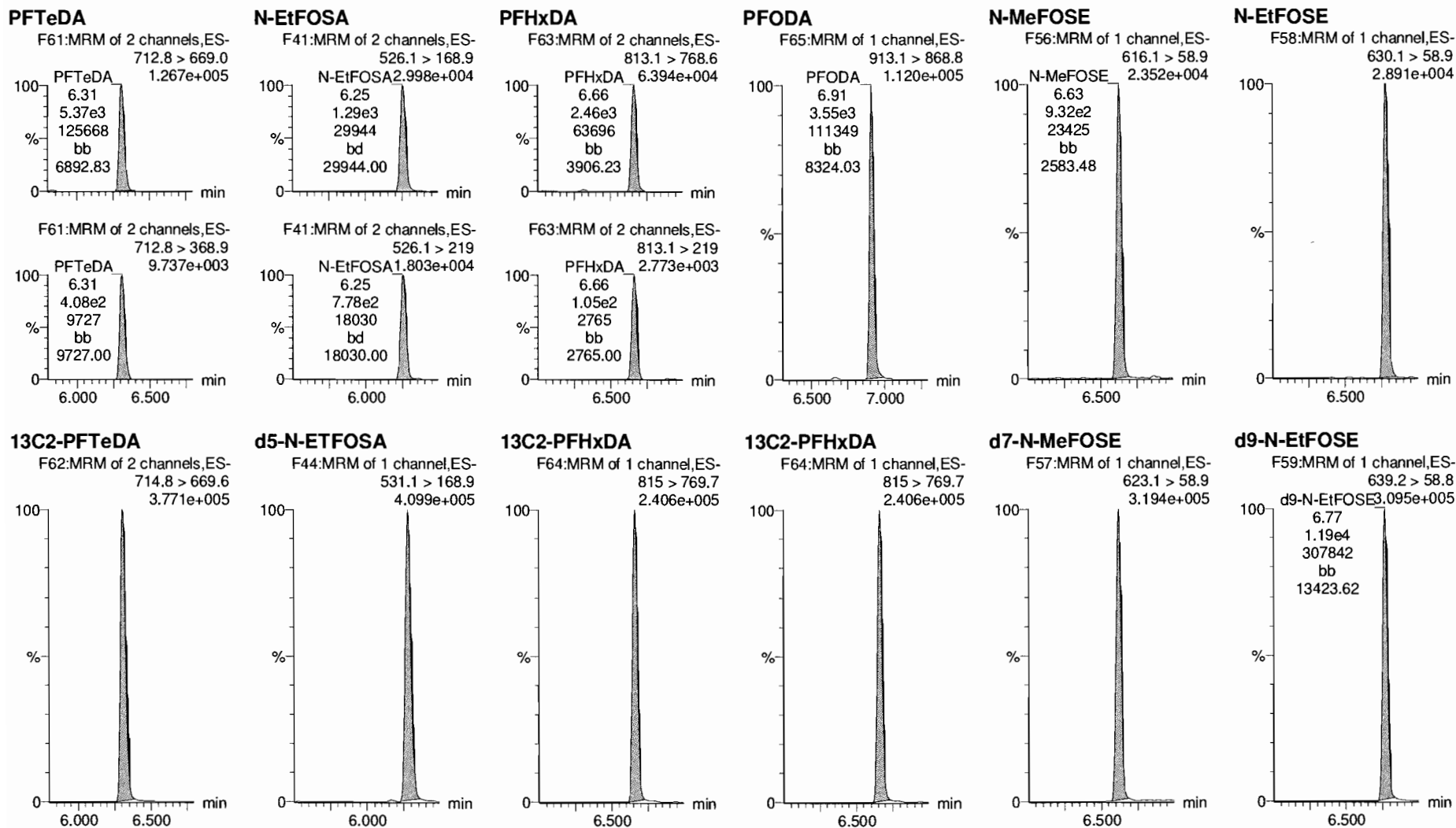
Name: 181017M1_5, Date: 17-Oct-2018, Time: 12:49:46, ID: ST181017M1-4 PFC CS1 18J0804, Description: PFC CS1 18J0804



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_5, Date: 17-Oct-2018, Time: 12:49:46, ID: ST181017M1-4 PFC CS1 18J0804, Description: PFC CS1 18J0804



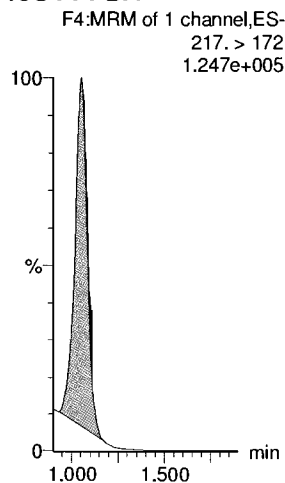
Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

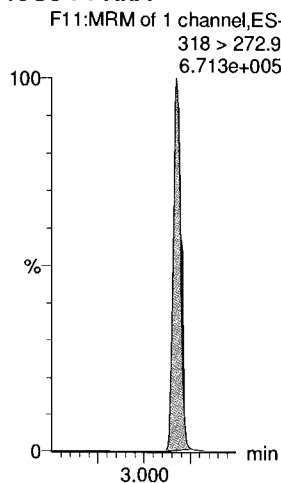
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_5, Date: 17-Oct-2018, Time: 12:49:46, ID: ST181017M1-4 PFC CS1 18J0804, Description: PFC CS1 18J0804

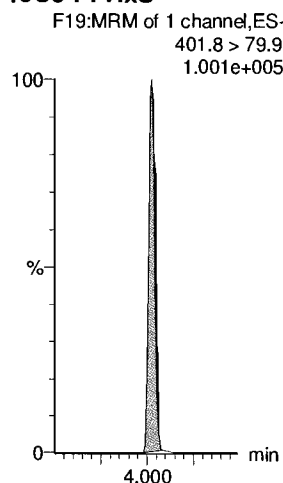
13C4-PFBA



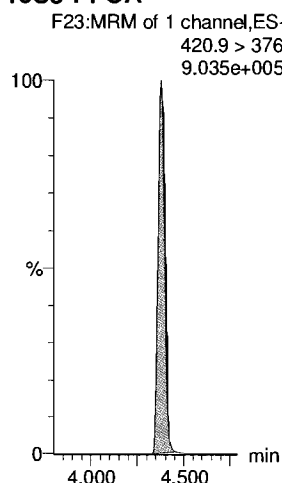
13C5-PFHxA



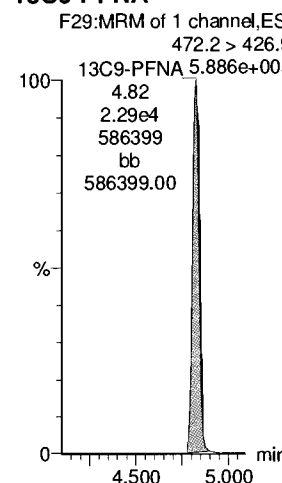
13C3-PFHxS



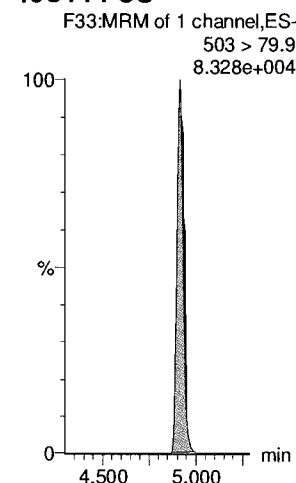
13C8-PFOA



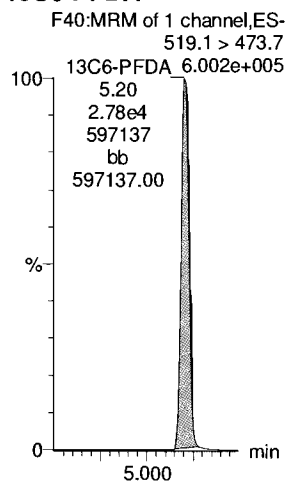
13C9-PFNA



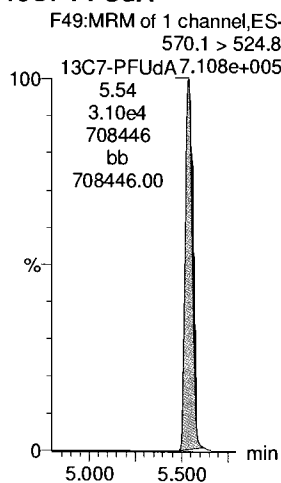
13C4-PFOS



13C6-PFDA



13C7-PFUdA

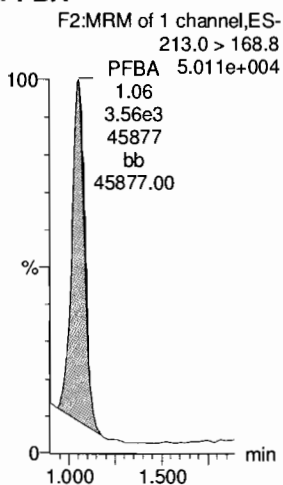


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

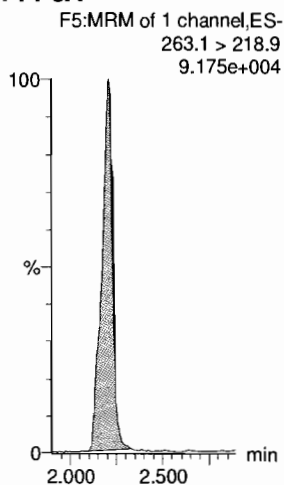
Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_6, Date: 17-Oct-2018, Time: 13:00:24, ID: ST181017M1-5 PFC CS2 18J0805, Description: PFC CS2 18J0805

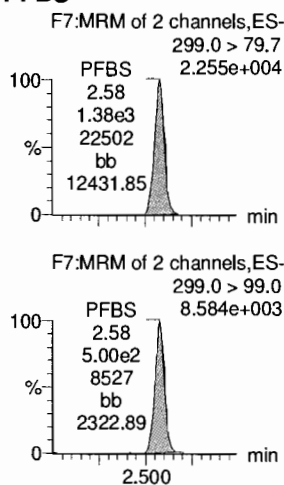
PFBA



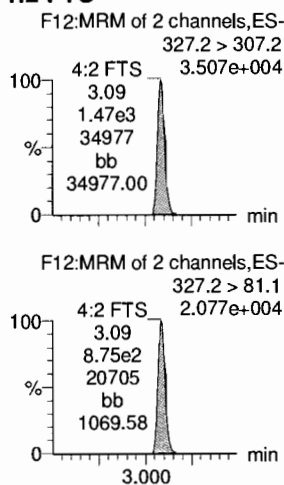
PFPeA



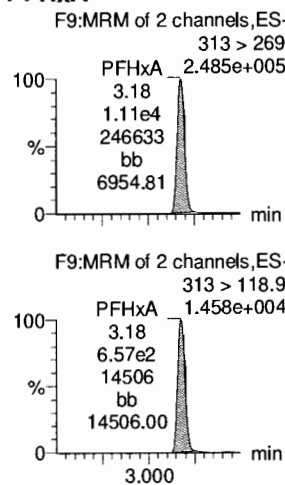
PFBS



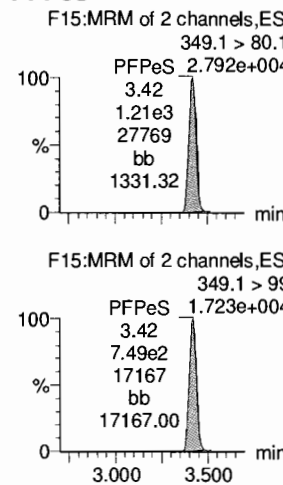
4:2 FTS



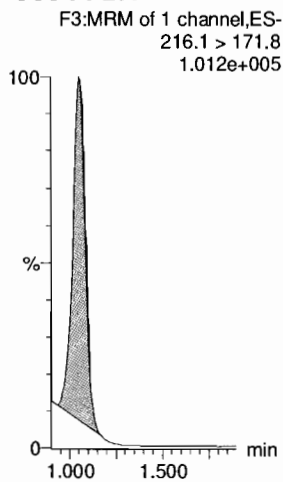
PFHxA



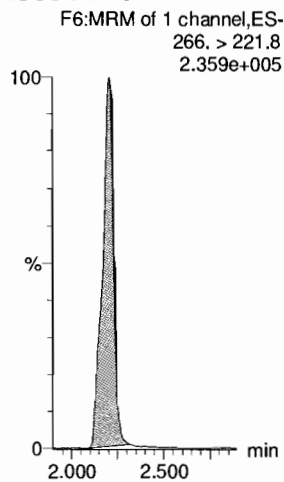
PFPeS



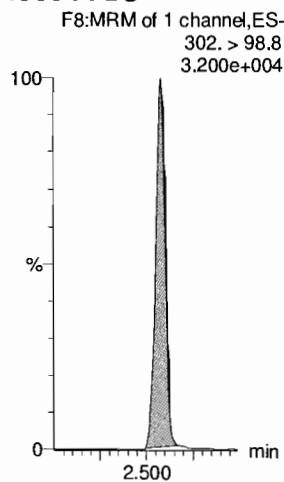
13C3-PFBA



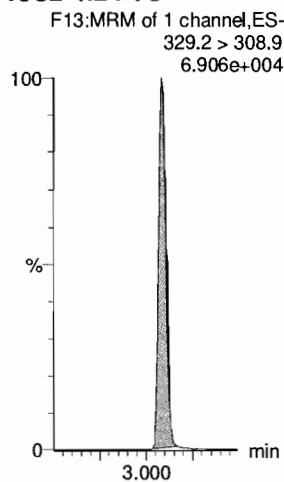
13C3-PFPeA



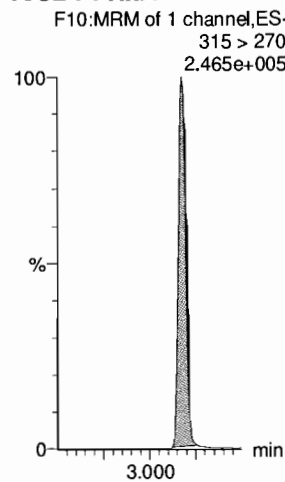
13C3-PFBS



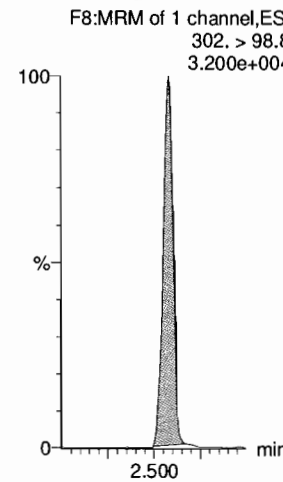
13C2-4:2 FTS



13C2-PFHxA



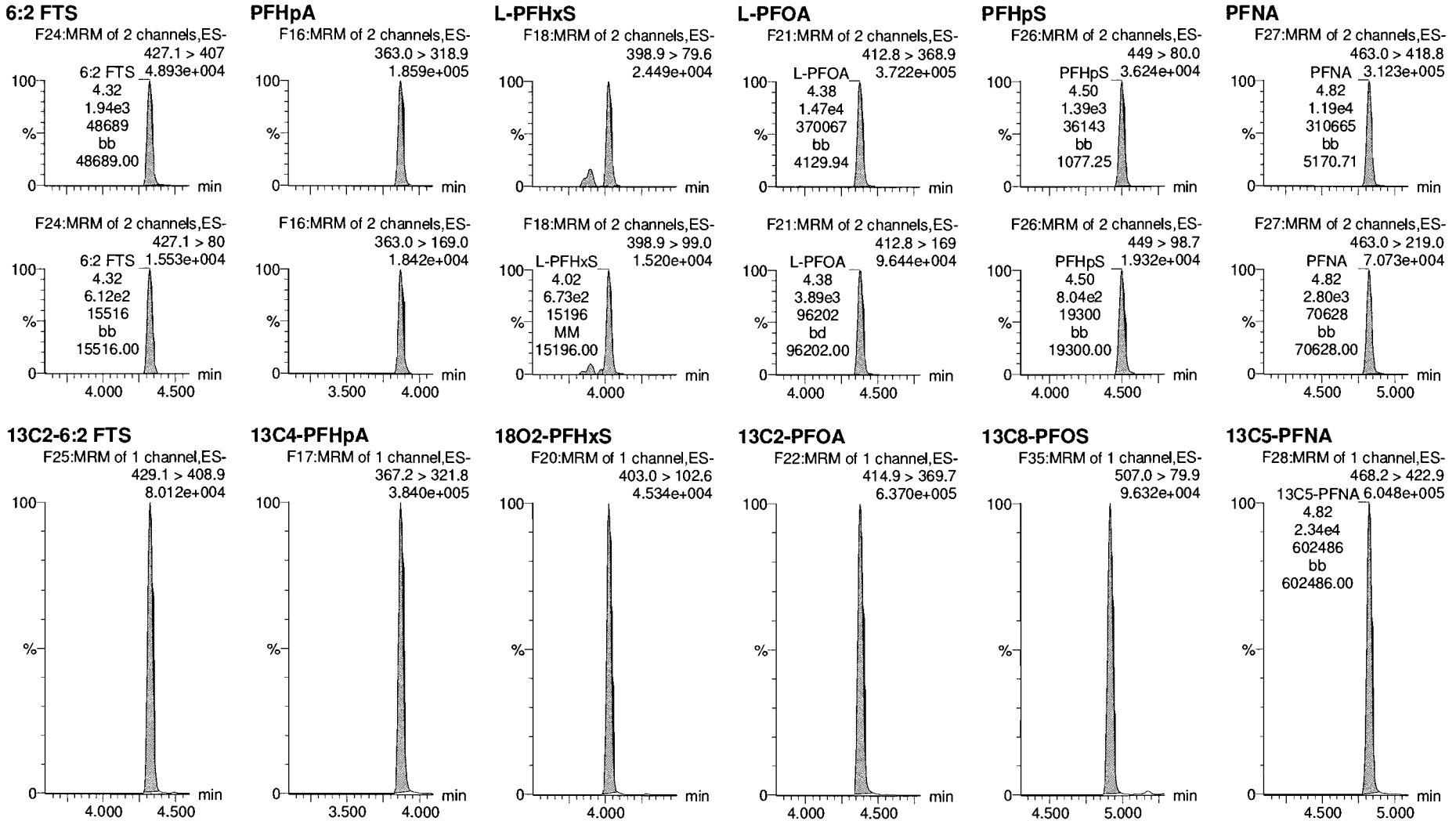
13C3-PFBS



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_6, Date: 17-Oct-2018, Time: 13:00:24, ID: ST181017M1-5 PFC CS2 18J0805, Description: PFC CS2 18J0805

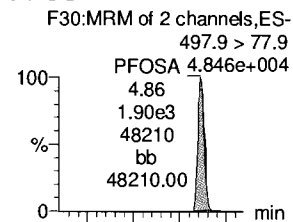


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

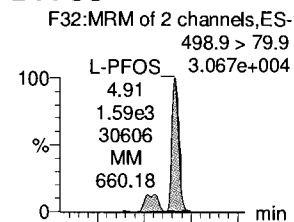
Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_6, Date: 17-Oct-2018, Time: 13:00:24, ID: ST181017M1-5 PFC CS2 18J0805, Description: PFC CS2 18J0805

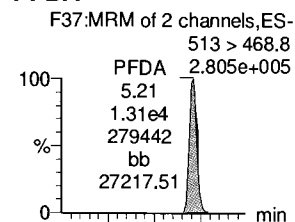
PFOSA



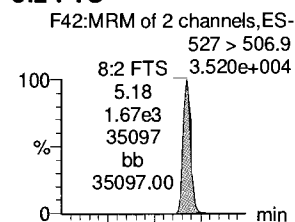
L-PFOS



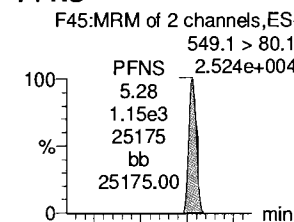
PFDA



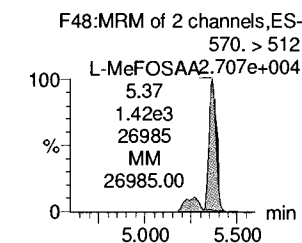
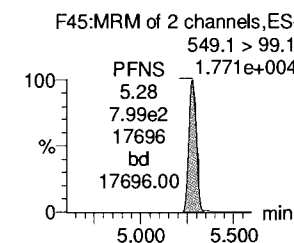
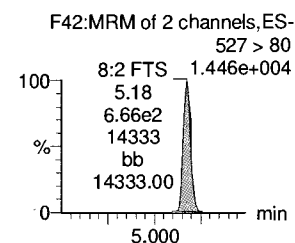
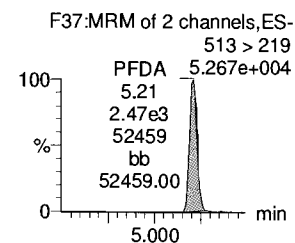
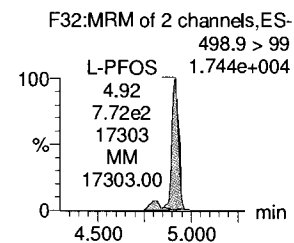
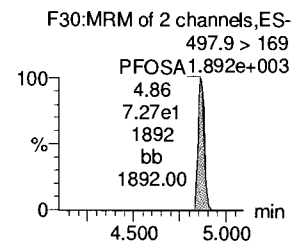
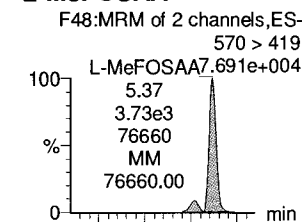
8:2 FTS



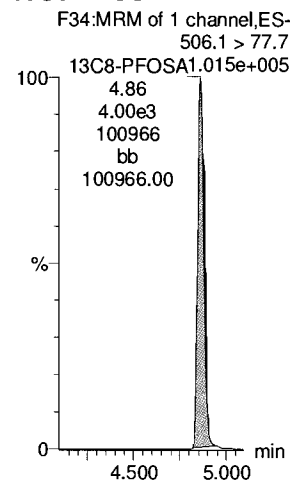
PFNS



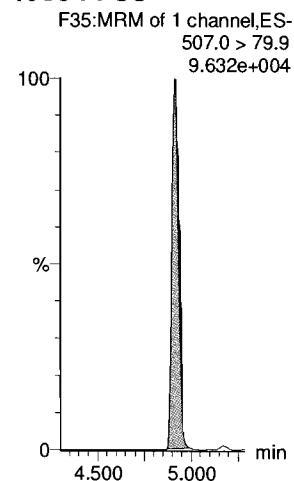
L-MeFOSAA



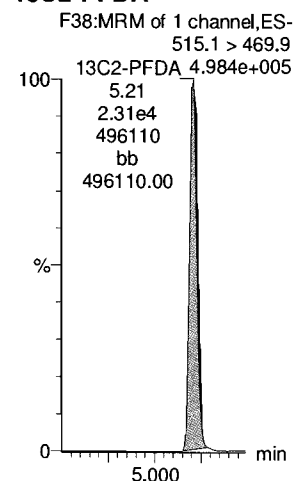
13C8-PFOSA



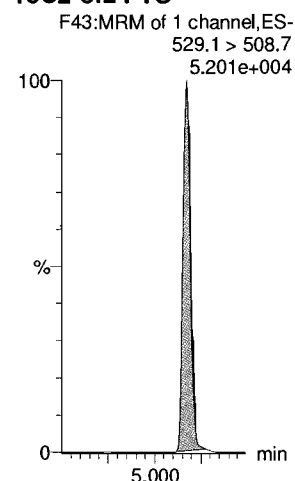
13C8-PFOS



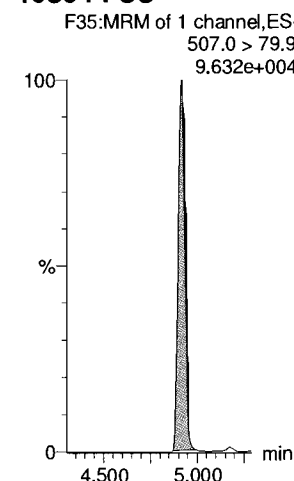
13C2-PFDA



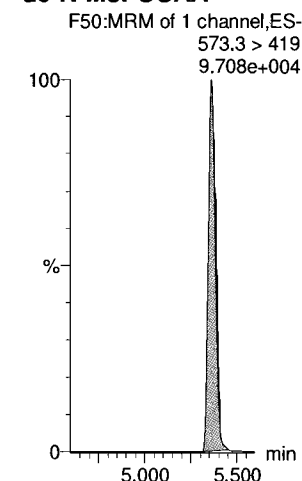
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

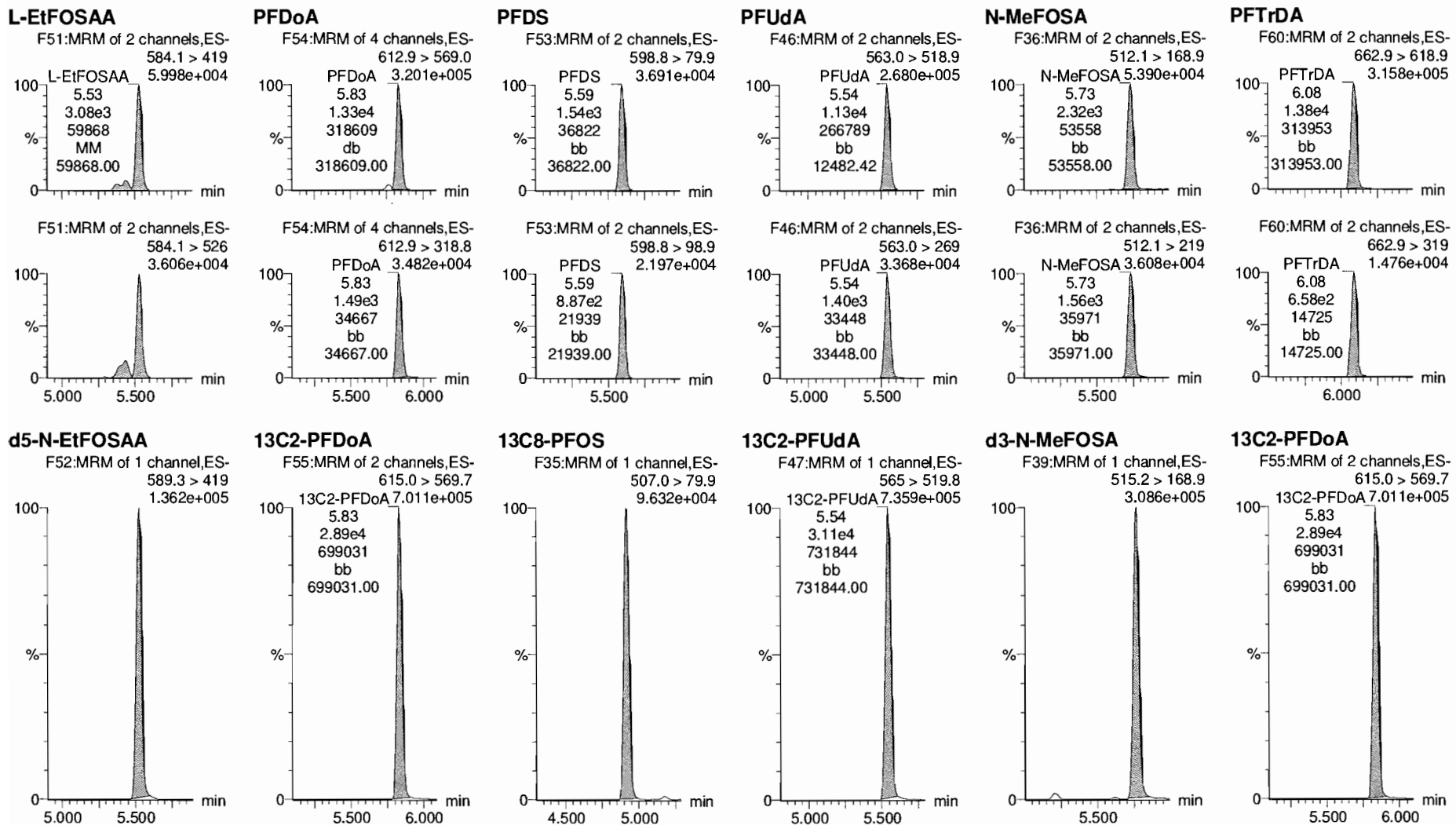


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_6, Date: 17-Oct-2018, Time: 13:00:24, ID: ST181017M1-5 PFC CS2 18J0805, Description: PFC CS2 18J0805



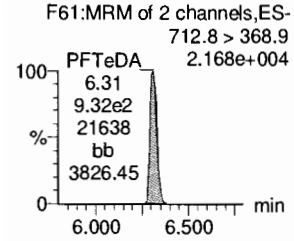
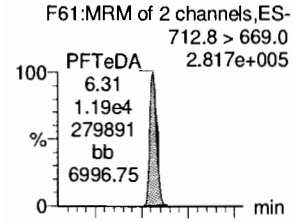
Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

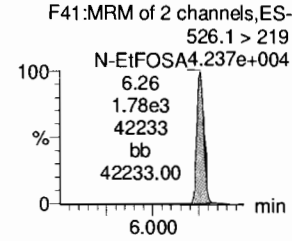
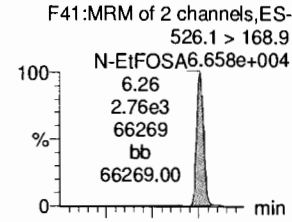
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_6, Date: 17-Oct-2018, Time: 13:00:24, ID: ST181017M1-5 PFC CS2 18J0805, Description: PFC CS2 18J0805

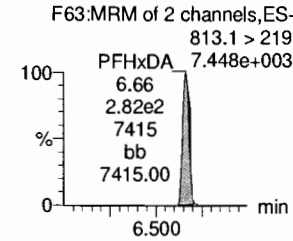
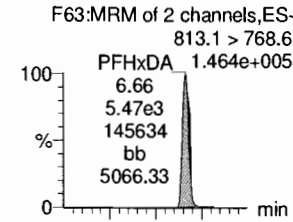
PFTeDA



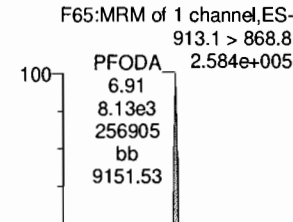
N-EtFOSA



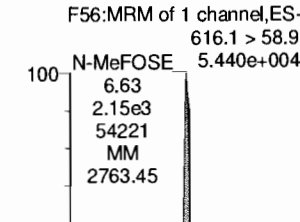
PFHxDA



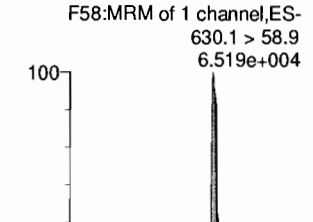
PFODA



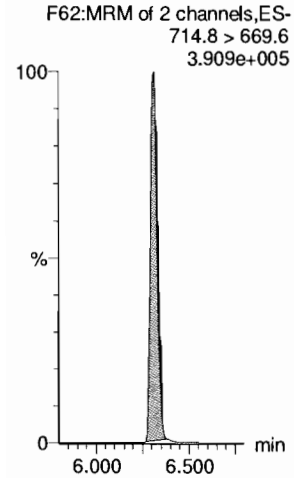
N-MeFOSE



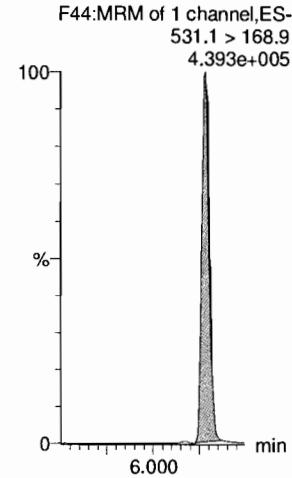
N-EtFOSE



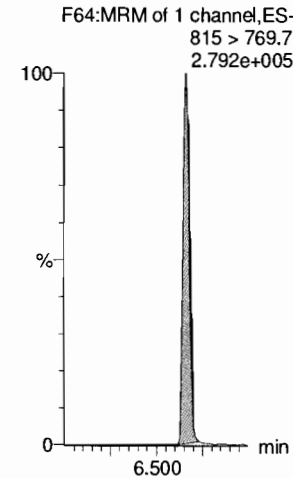
13C2-PFTeDA



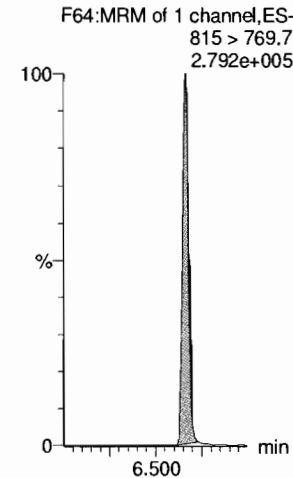
d5-N-ETFOSA



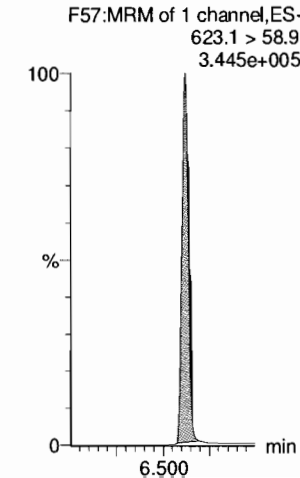
13C2-PFHxDA



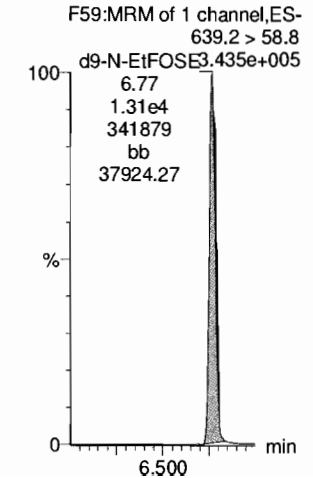
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE

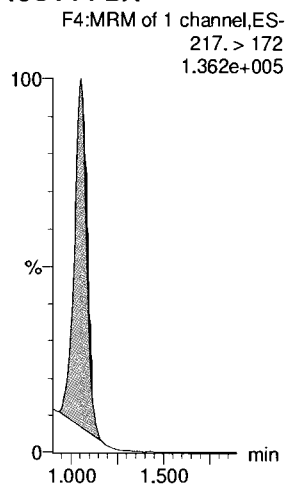


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

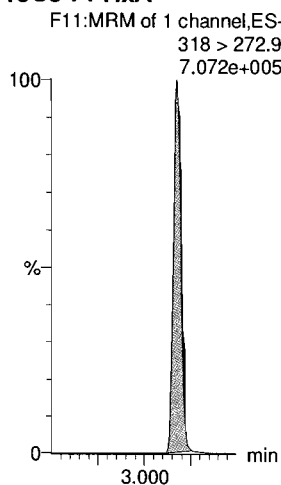
Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_6, Date: 17-Oct-2018, Time: 13:00:24, ID: ST181017M1-5 PFC CS2 18J0805, Description: PFC CS2 18J0805

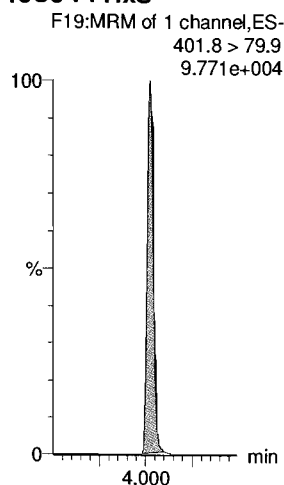
13C4-PFBA



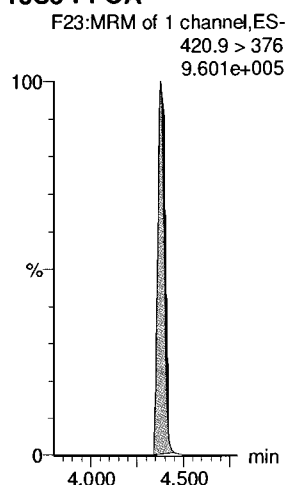
13C5-PFHxA



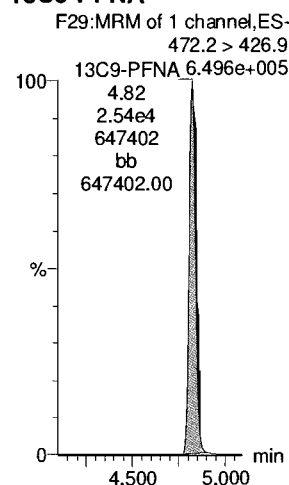
13C3-PFHxS



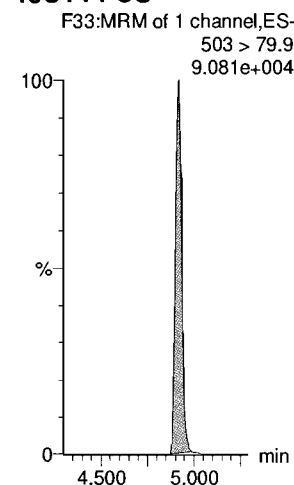
13C8-PFOA



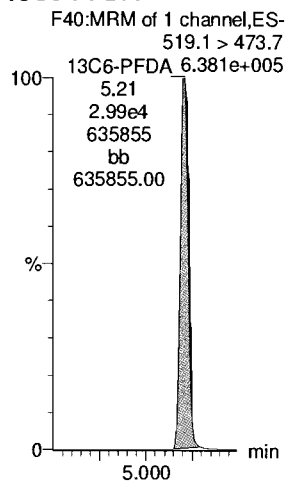
13C9-PFNA



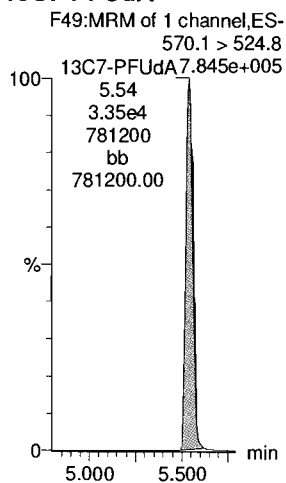
13C4-PFOS



13C6-PFDA



13C7-PFUdA

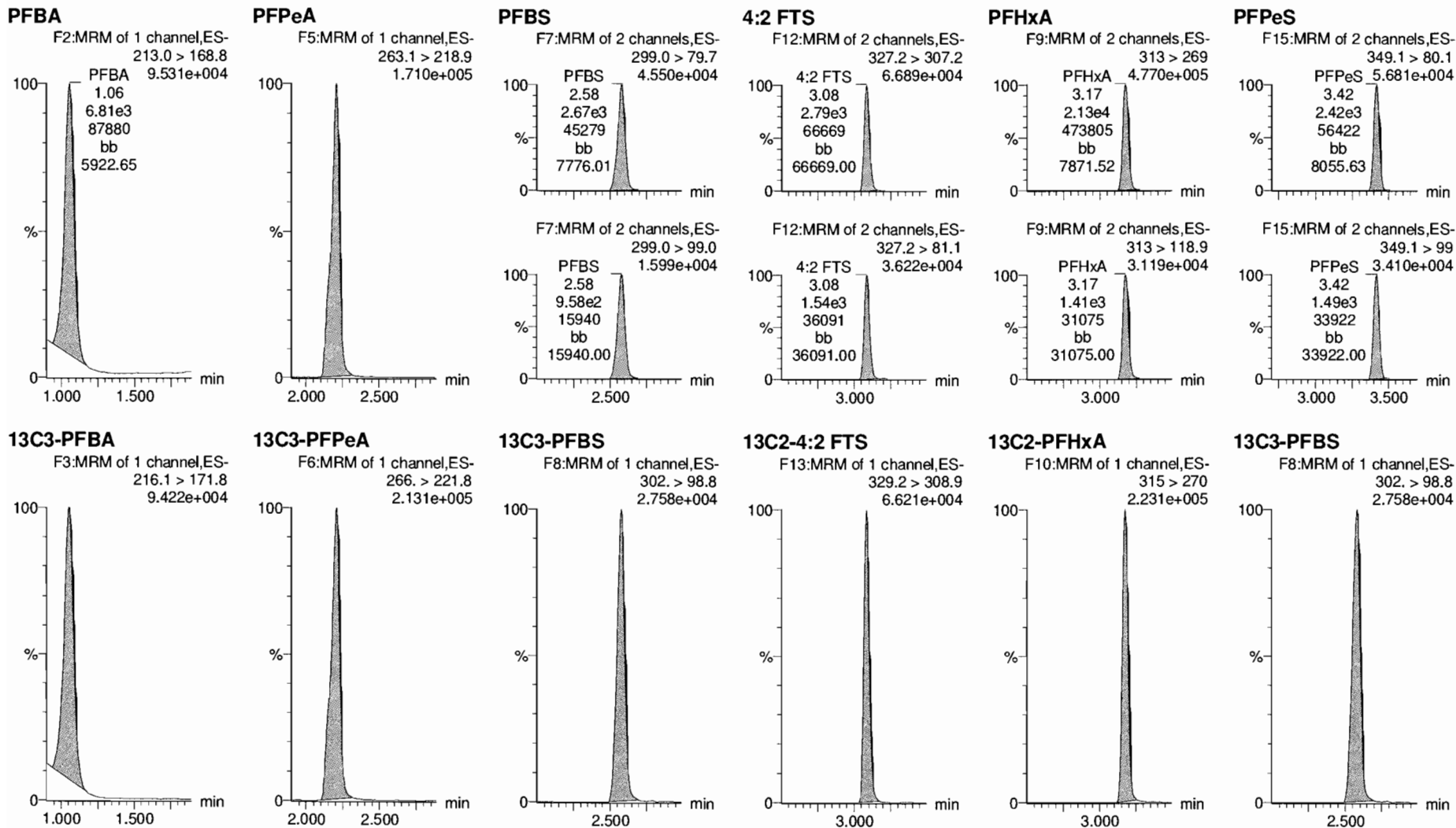


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806

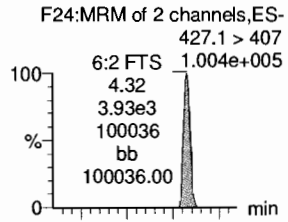


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

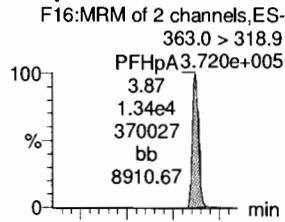
Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806

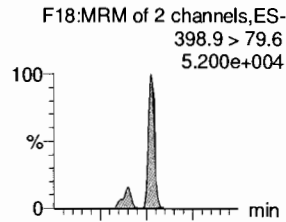
6:2 FTS



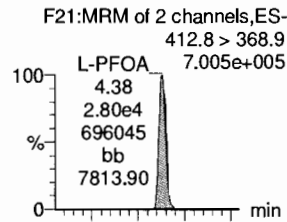
PFHpA



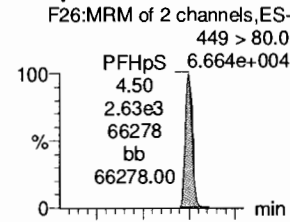
L-PFHxS



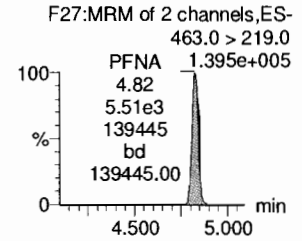
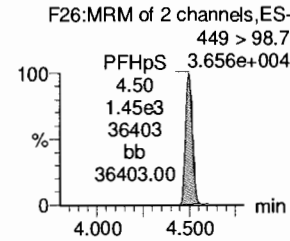
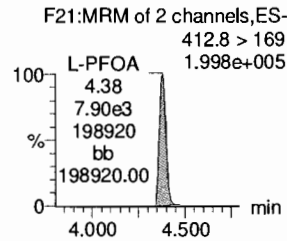
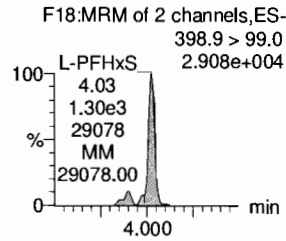
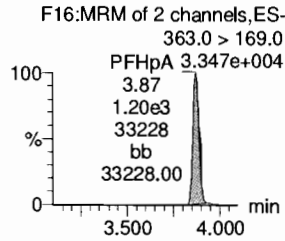
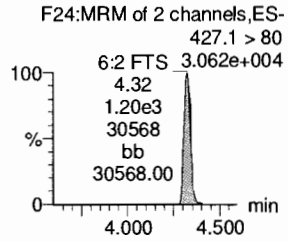
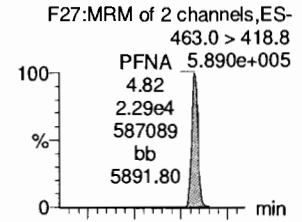
L-PFOA



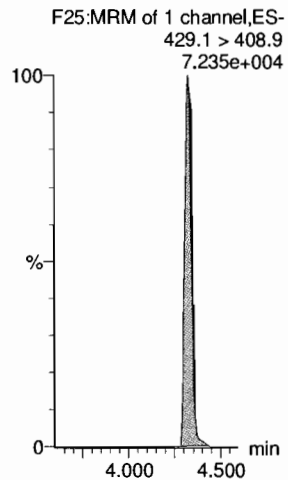
PFHpS



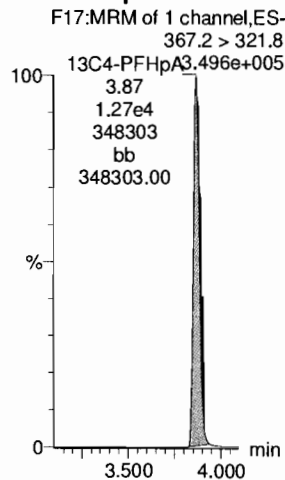
PFNA



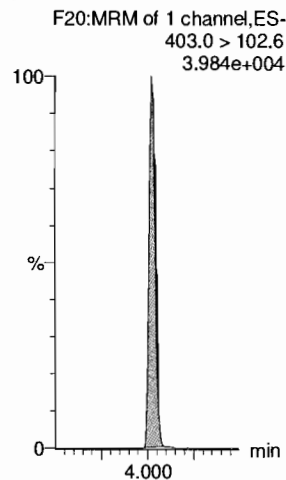
13C2-6:2 FTS



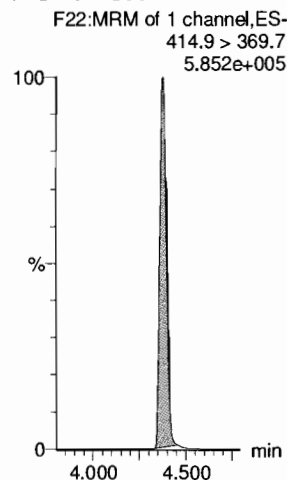
13C4-PFHpA



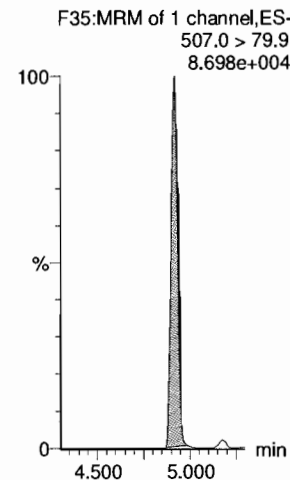
18O2-PFHxS



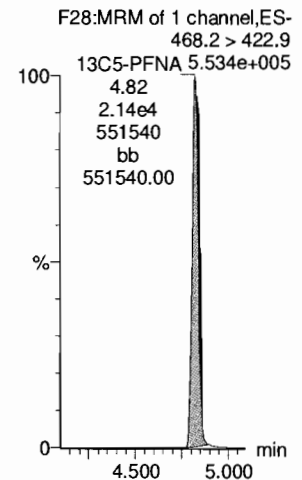
13C2-PFOA



13C8-PFOS



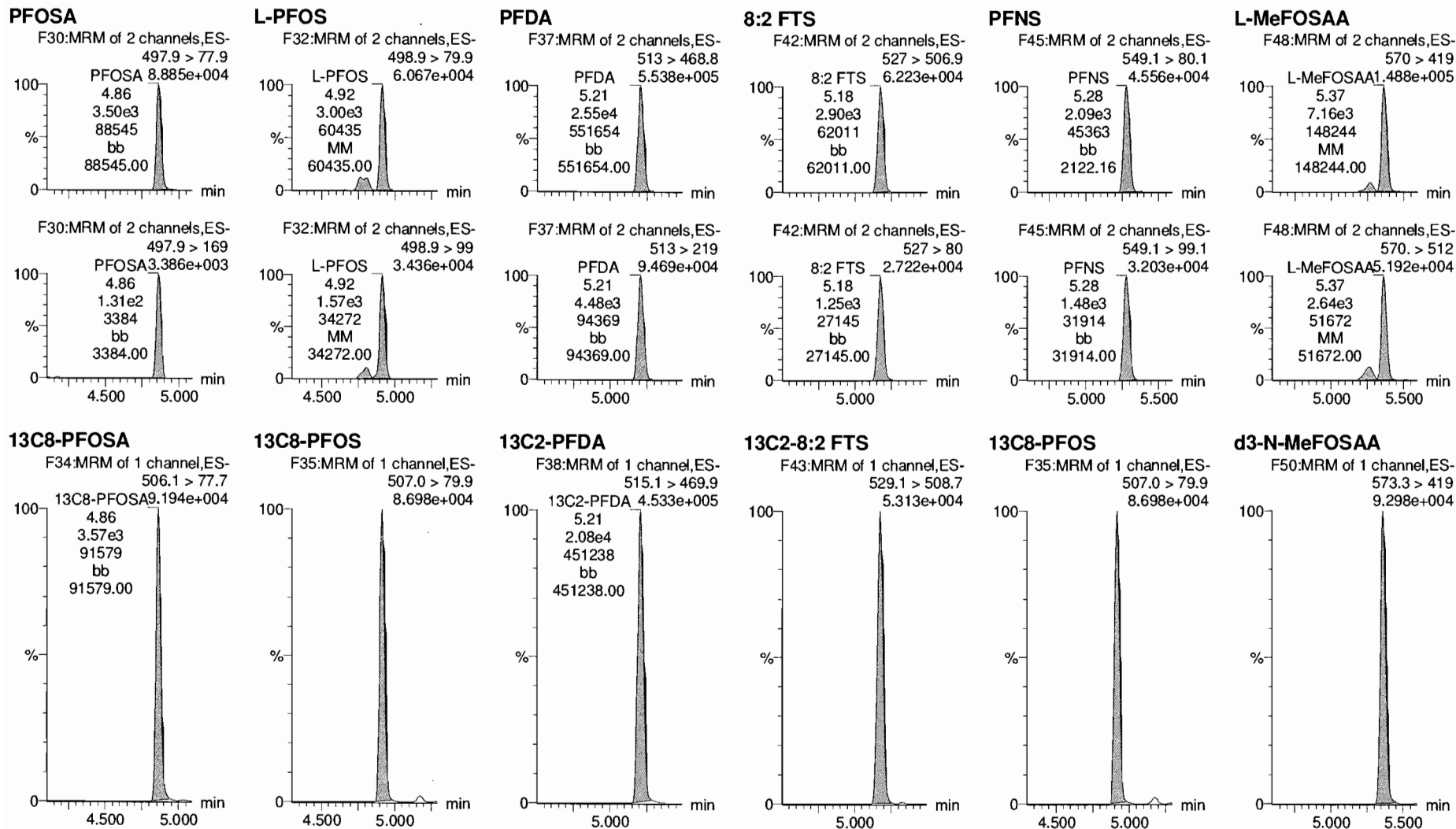
13C5-PFNA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

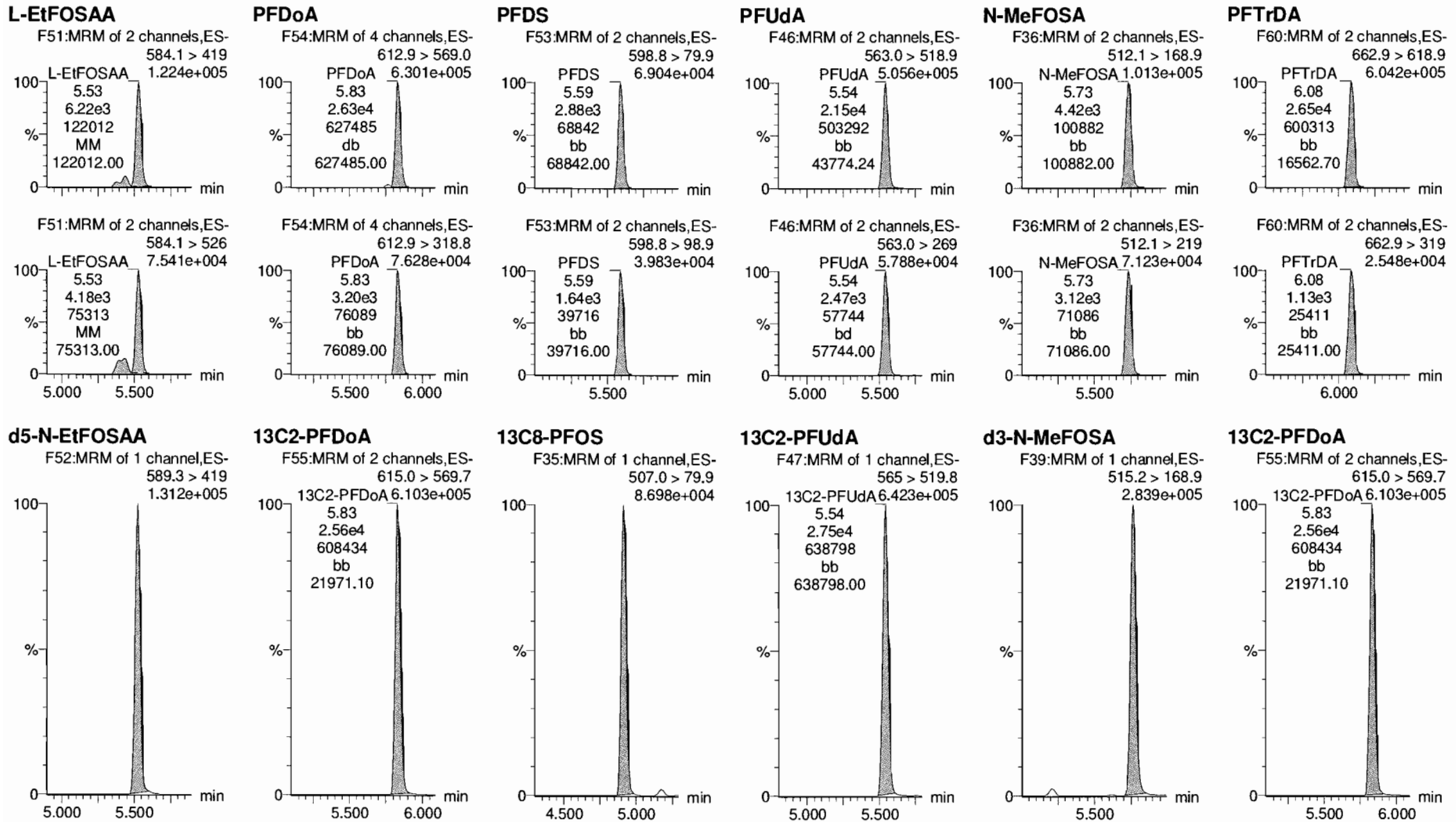
Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806

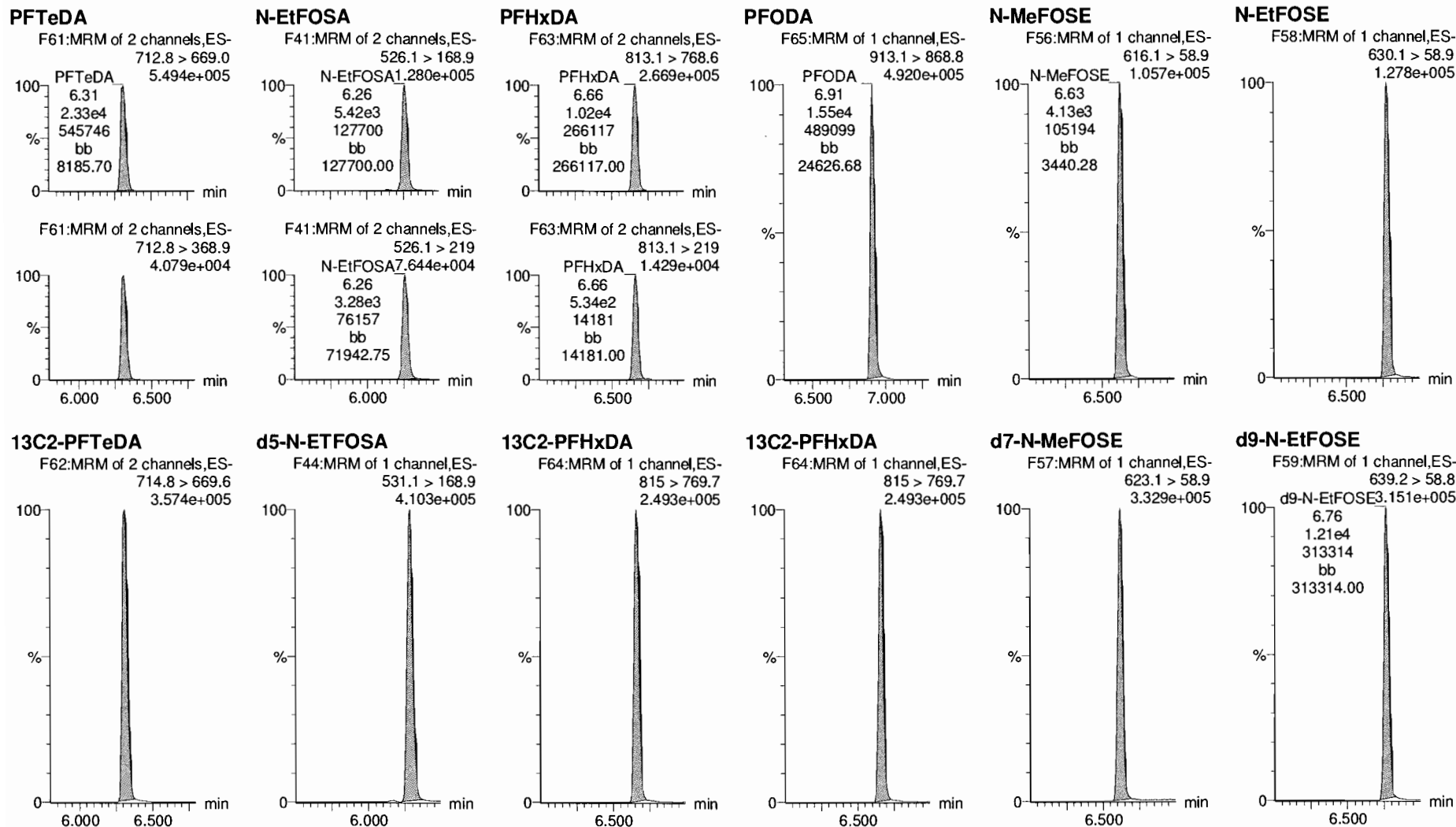


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806



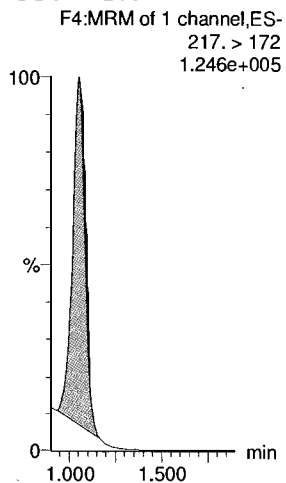
Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

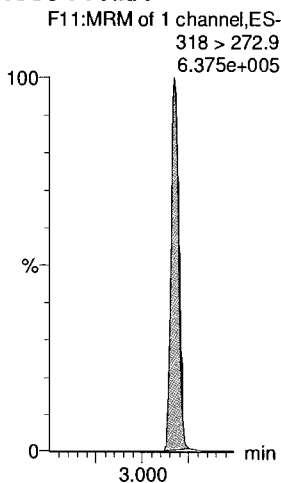
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806

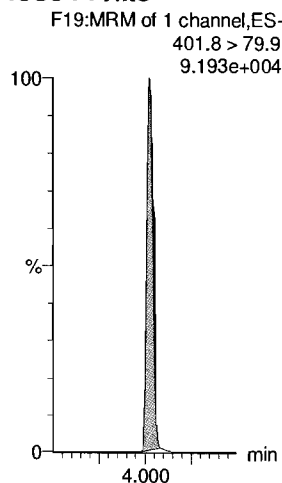
13C4-PFBA



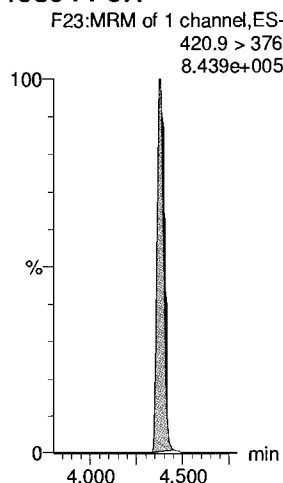
13C5-PFHxA



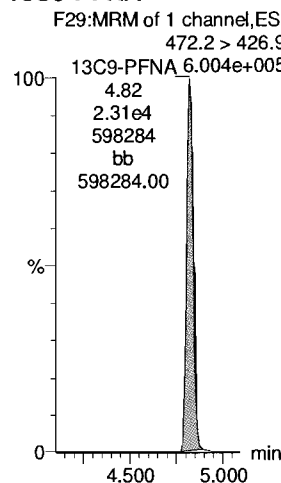
13C3-PFHxS



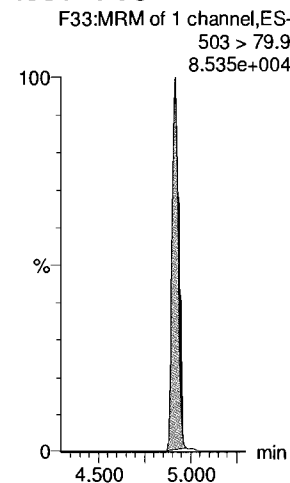
13C8-PFOA



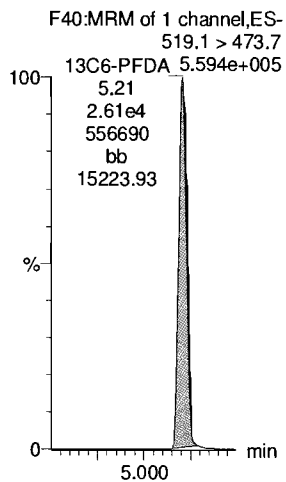
13C9-PFNA



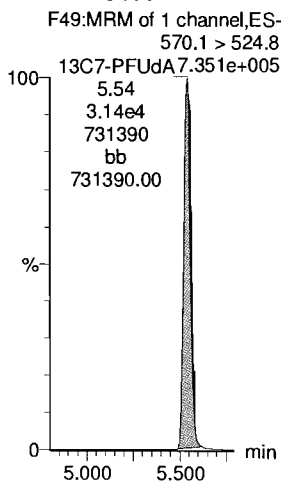
13C4-PFOS



13C6-PFDA



13C7-PFUdA



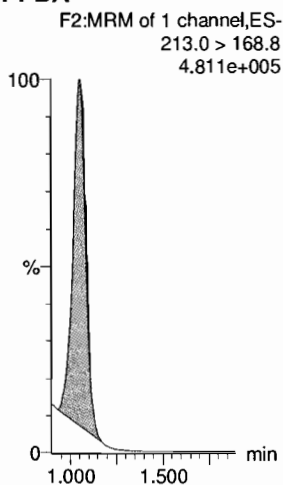
Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

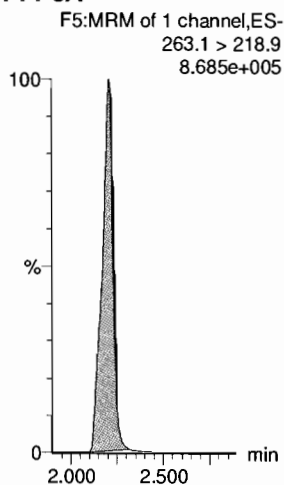
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_8, Date: 17-Oct-2018, Time: 13:21:27, ID: ST181017M1-7 PFC CS4 18J0807, Description: PFC CS4 18J0807

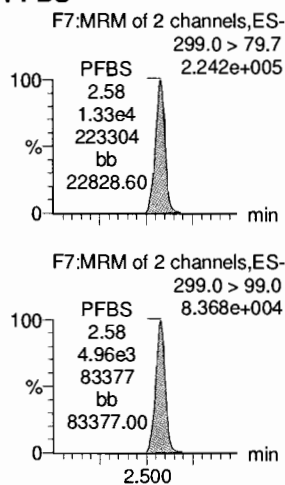
PFBA



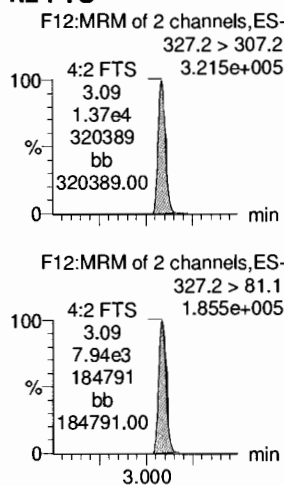
PFPeA



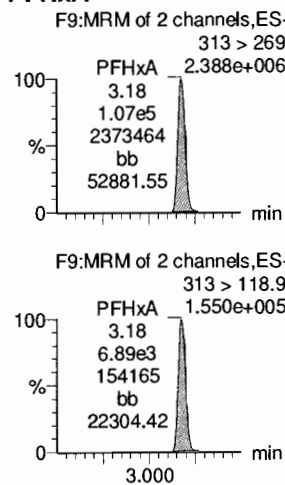
PFBS



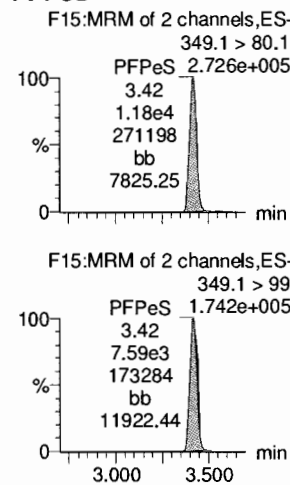
4:2 FTS



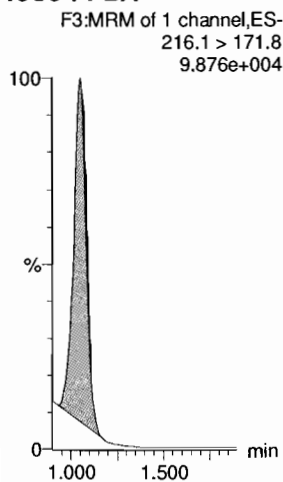
PFHxA



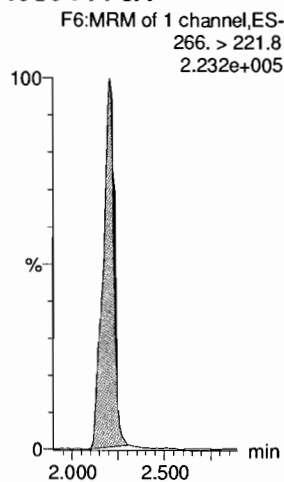
PFPeS



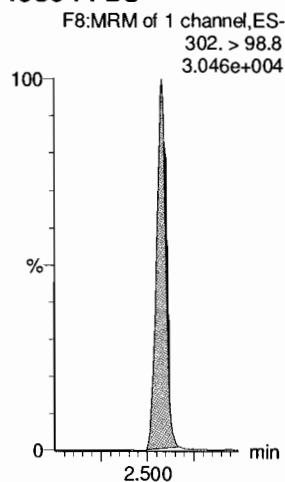
13C3-PFBA



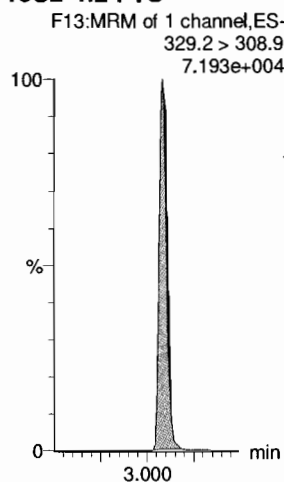
13C3-PFPeA



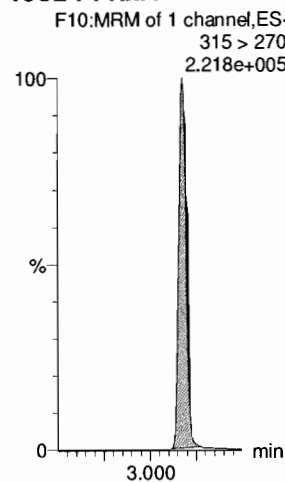
13C3-PFBS



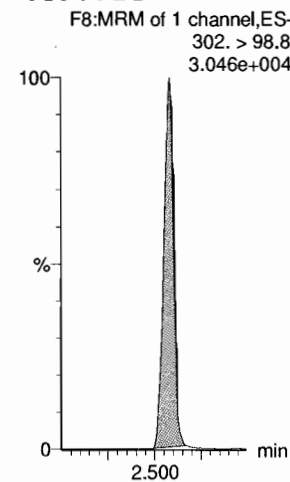
13C2-4:2 FTS



13C2-PFHxA



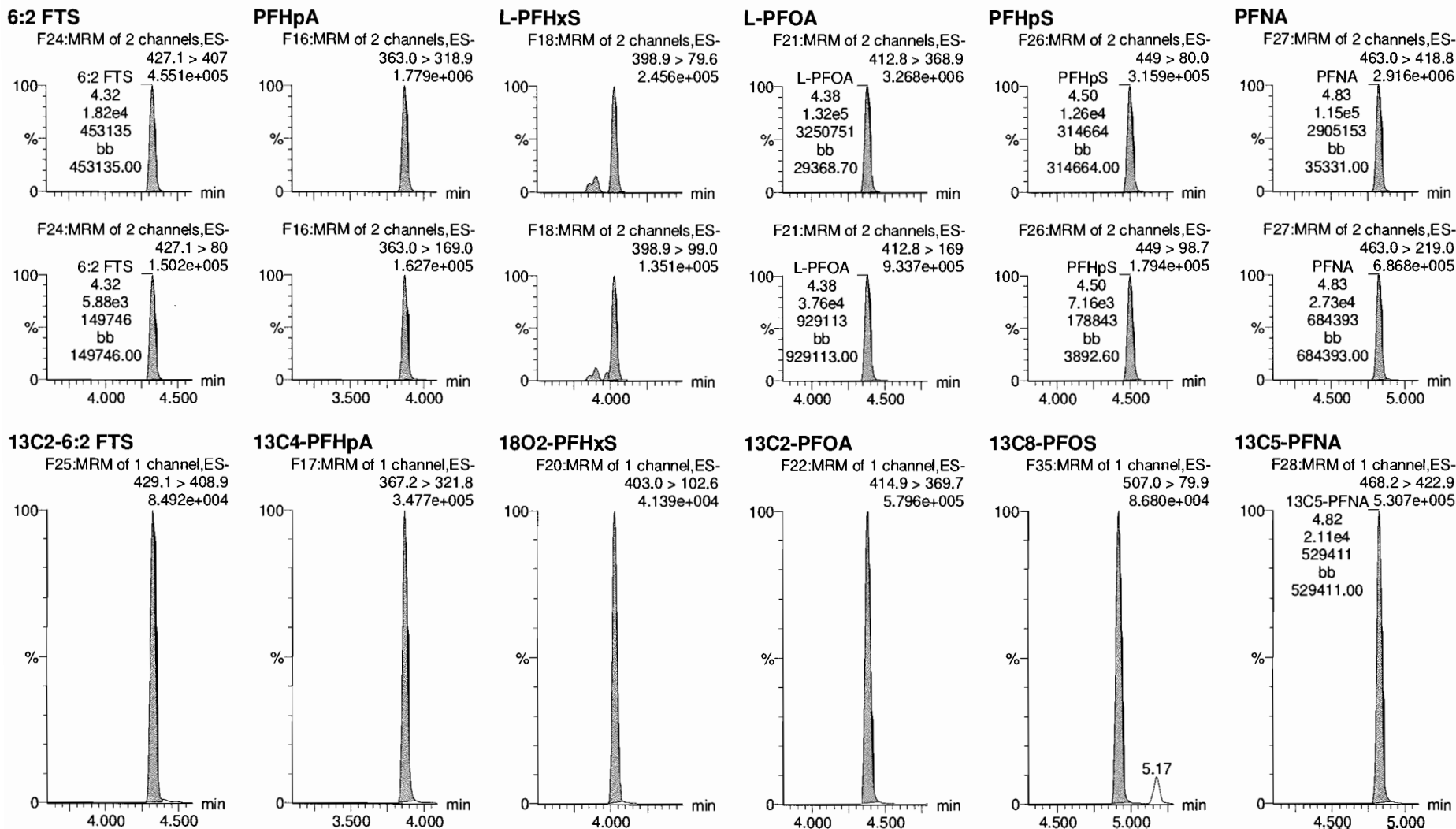
13C3-PFBS



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_8, Date: 17-Oct-2018, Time: 13:21:27, ID: ST181017M1-7 PFC CS4 18J0807, Description: PFC CS4 18J0807



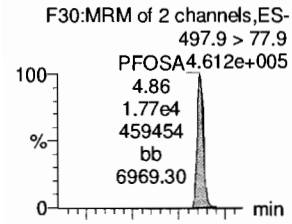
Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

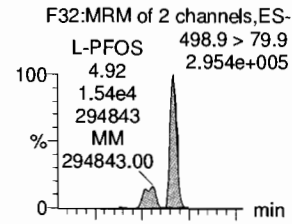
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_8, Date: 17-Oct-2018, Time: 13:21:27, ID: ST181017M1-7 PFC CS4 18J0807, Description: PFC CS4 18J0807

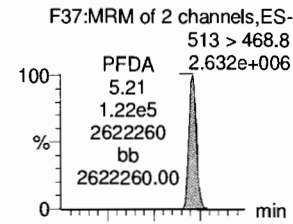
PFOSA



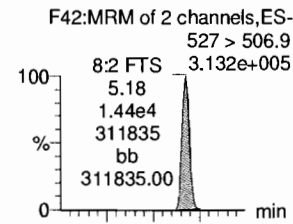
L-PFOS



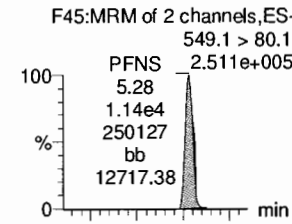
PFDA



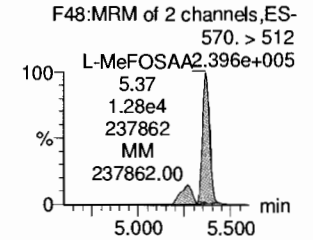
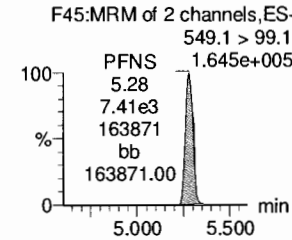
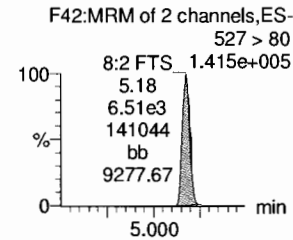
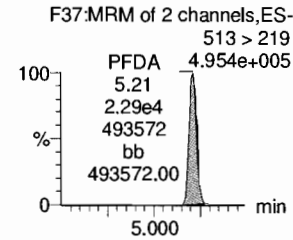
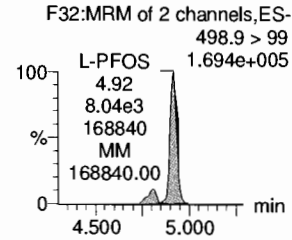
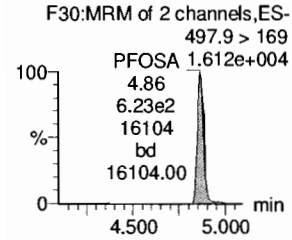
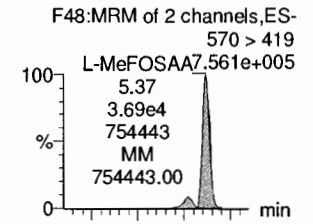
8:2 FTS



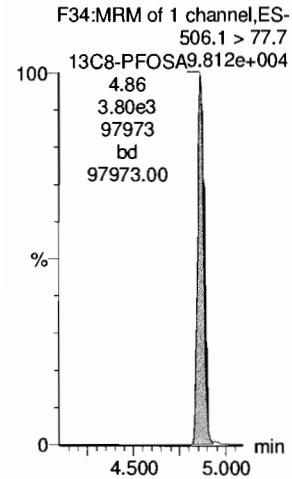
PFNS



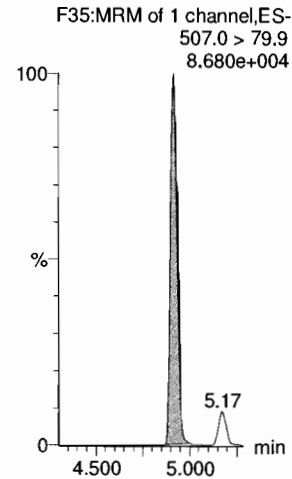
L-MeFOSAA



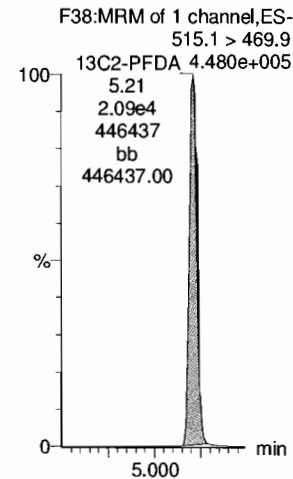
13C8-PFOSA



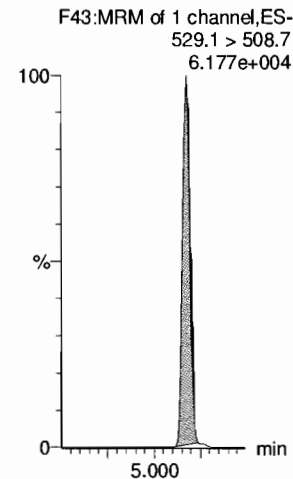
13C8-PFOS



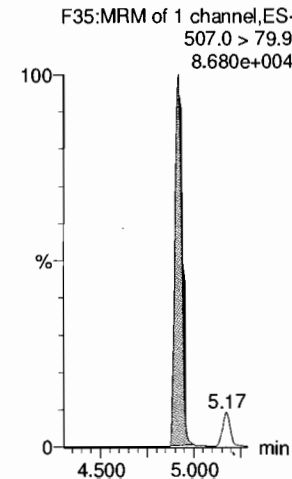
13C2-PFDA



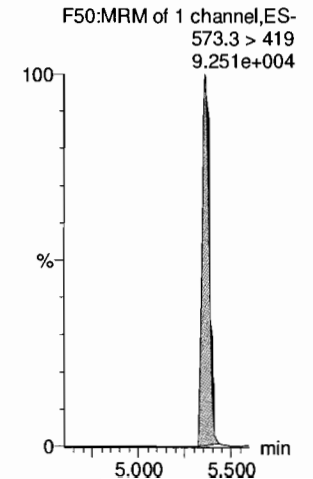
13C2-8:2 FTS



13C8-PFOS



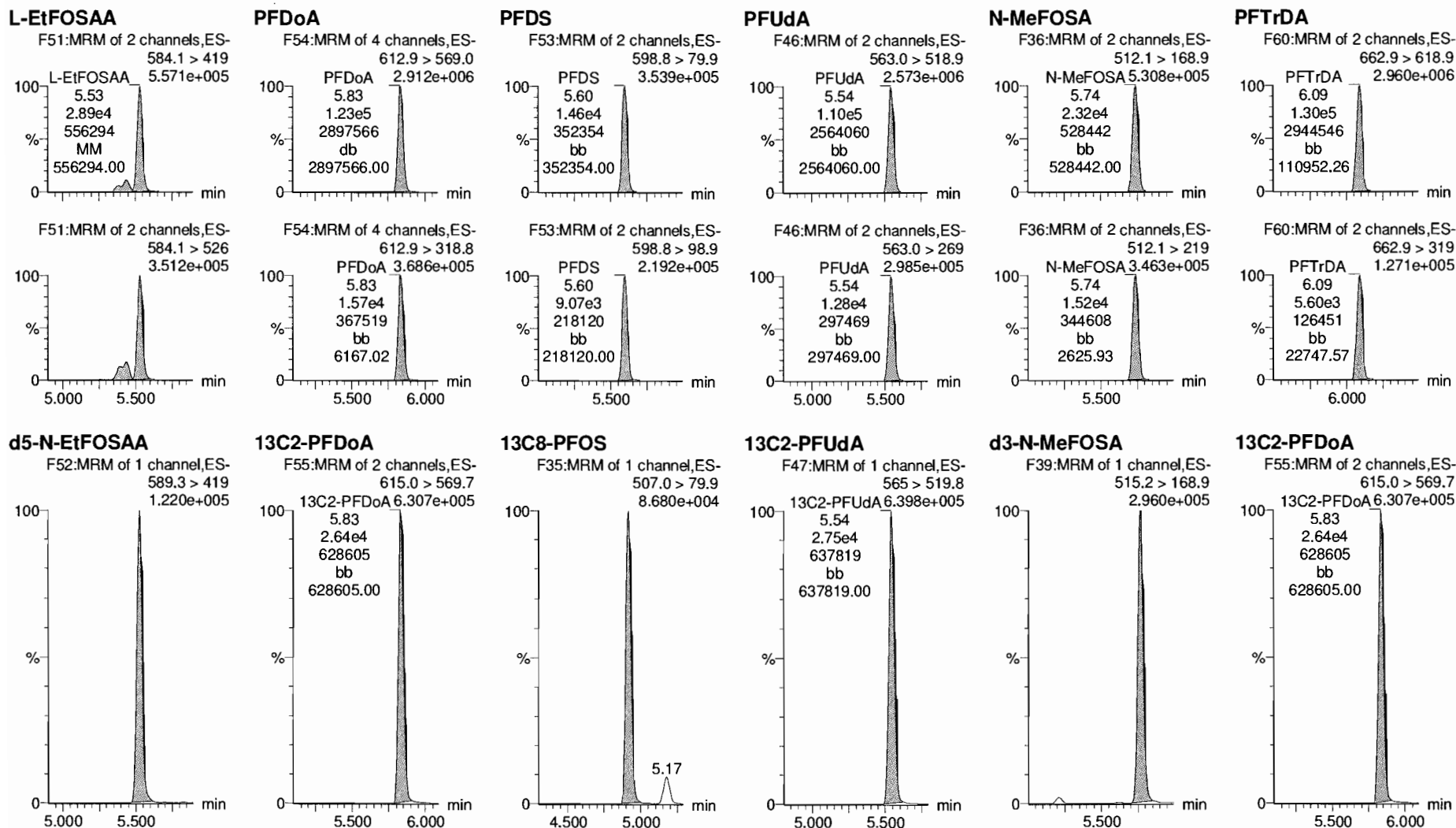
d3-N-MeFOSAA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_8, Date: 17-Oct-2018, Time: 13:21:27, ID: ST181017M1-7 PFC CS4 18J0807, Description: PFC CS4 18J0807

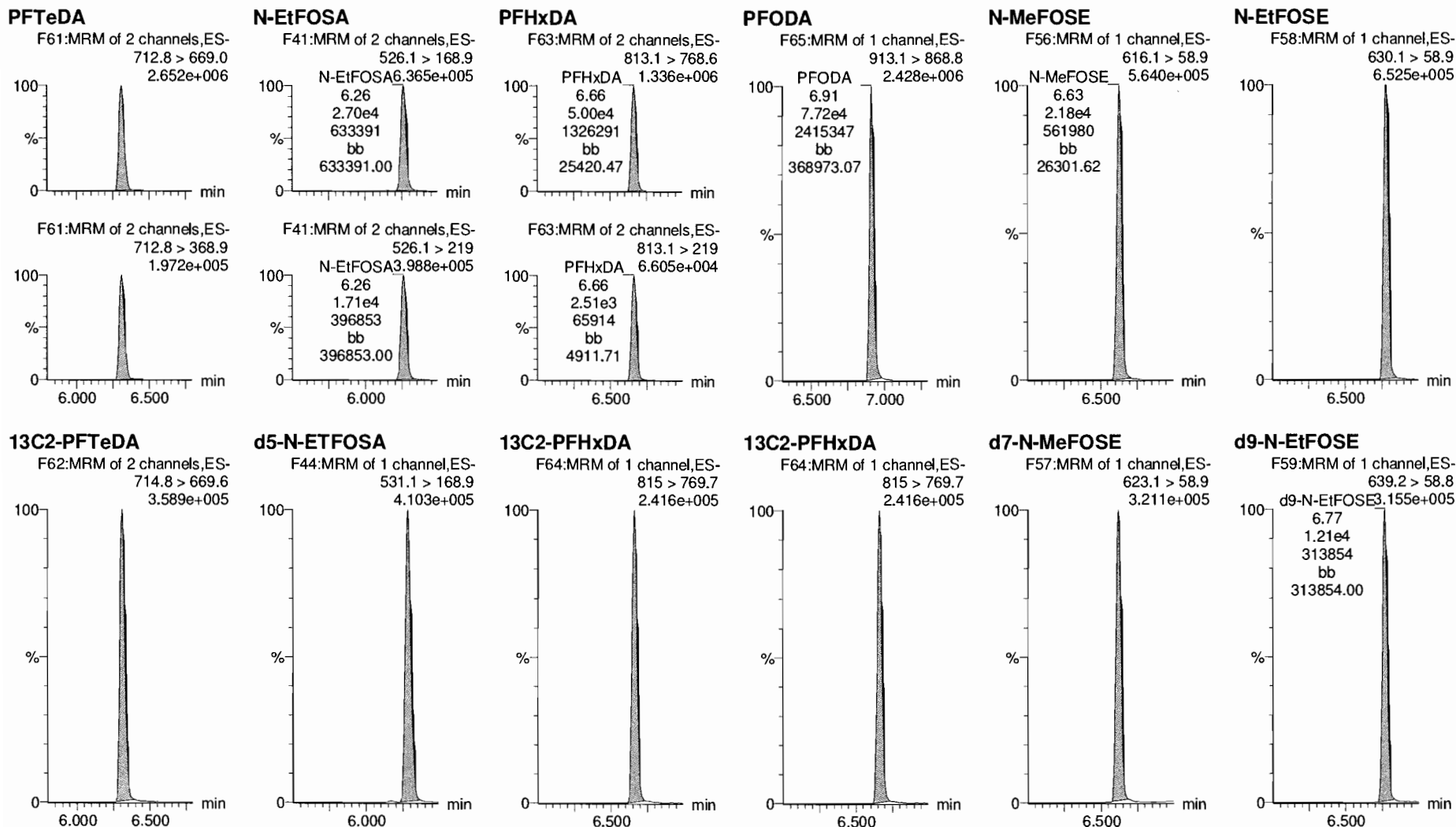


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_8, Date: 17-Oct-2018, Time: 13:21:27, ID: ST181017M1-7 PFC CS4 18J0807, Description: PFC CS4 18J0807



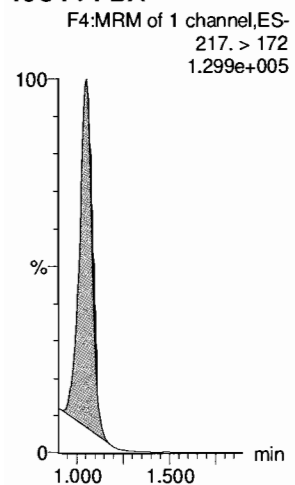
Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

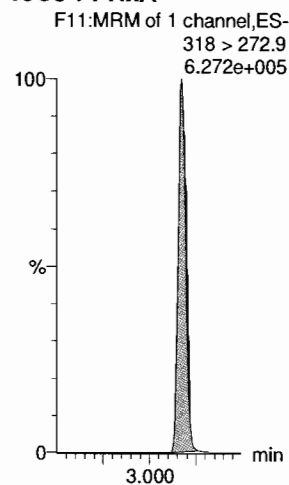
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_8, Date: 17-Oct-2018, Time: 13:21:27, ID: ST181017M1-7 PFC CS4 18J0807, Description: PFC CS4 18J0807

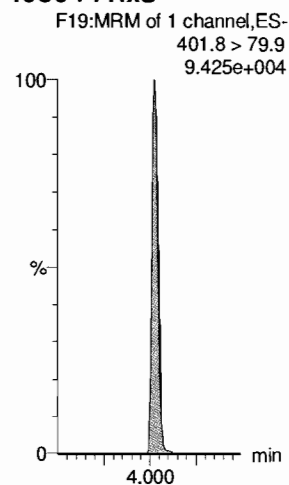
13C4-PFBA



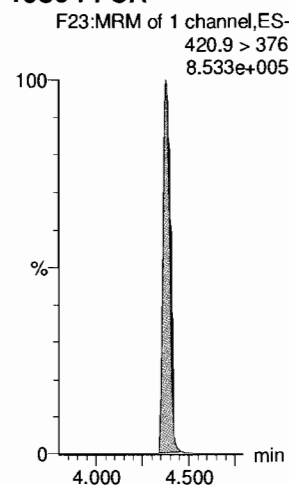
13C5-PFHxA



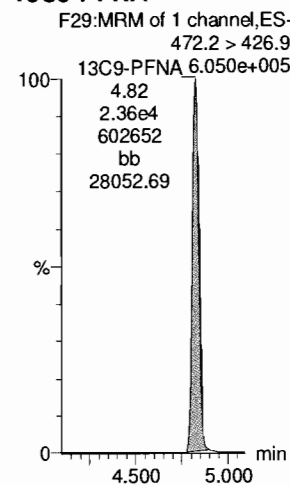
13C3-PFHxS



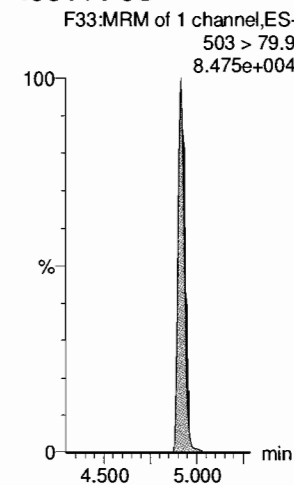
13C8-PFOA



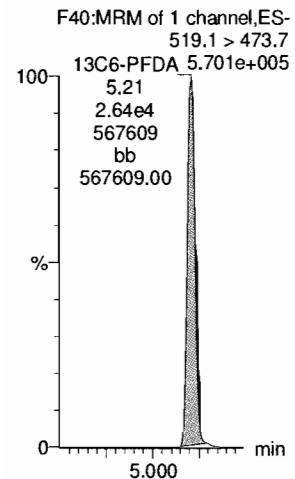
13C9-PFNA



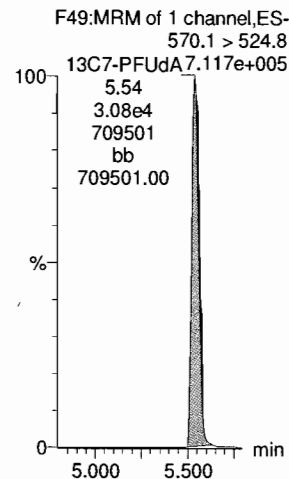
13C4-PFOS



13C6-PFDA



13C7-PFUdA

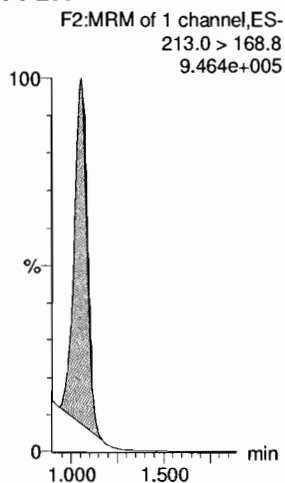


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

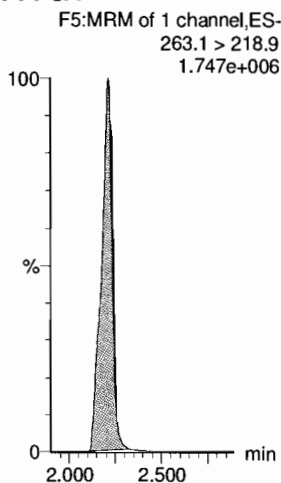
Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_9, Date: 17-Oct-2018, Time: 13:32:06, ID: ST181017M1-8 PFC CS5 18J0808, Description: PFC CS5 18J0808

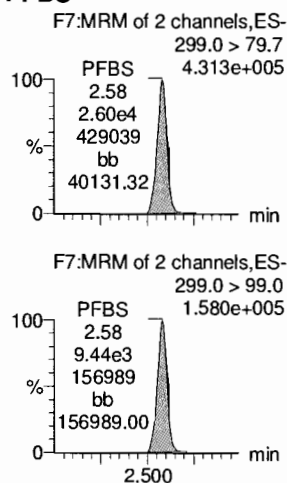
PFBA



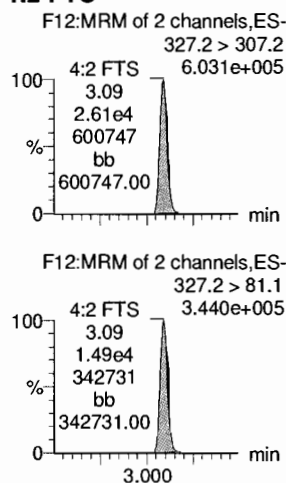
PFPeA



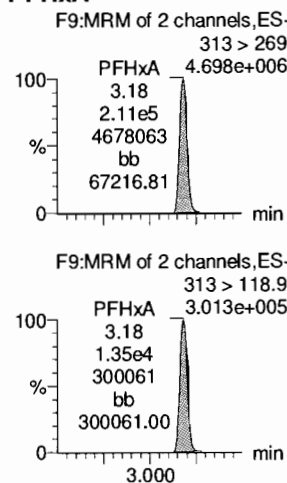
PFBS



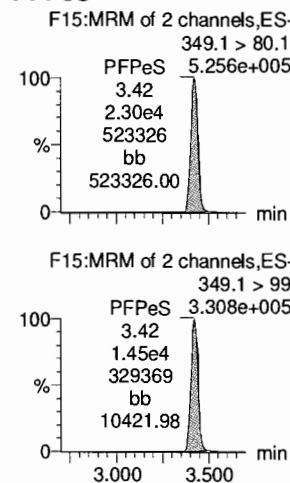
4:2 FTS



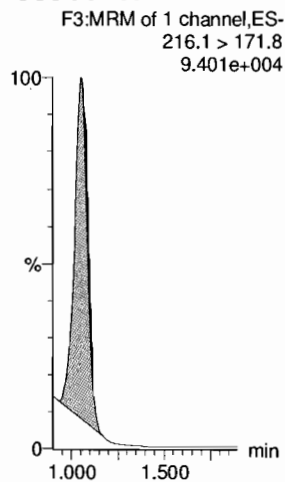
PFHxA



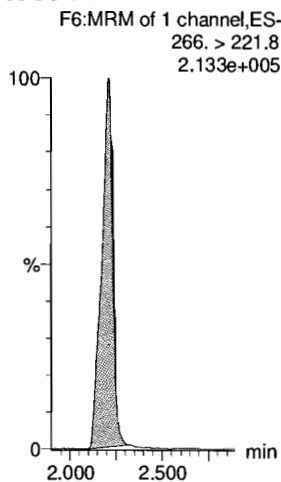
PFPeS



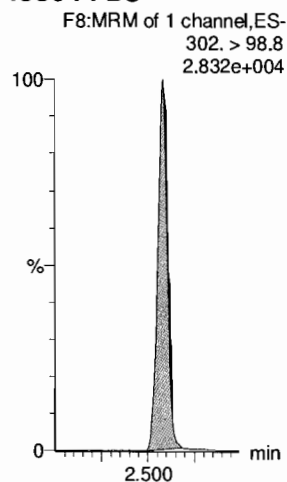
13C3-PFBA



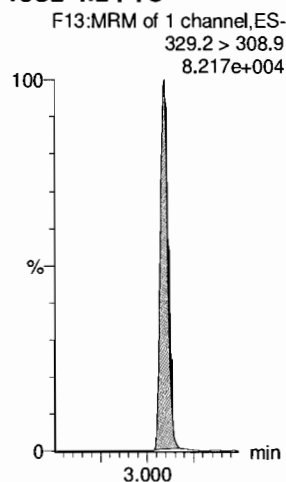
13C3-PFPeA



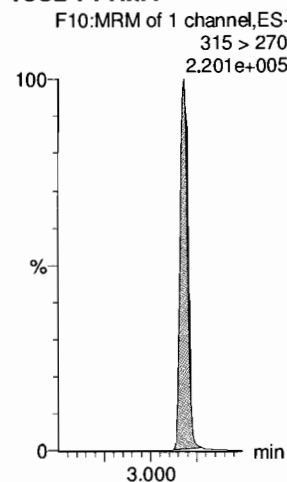
13C3-PFBS



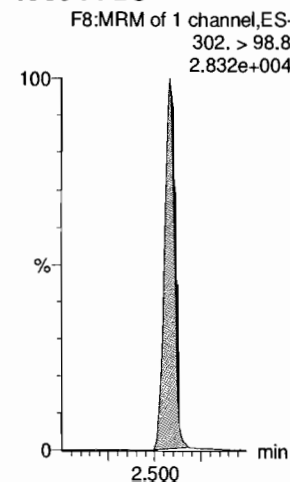
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS

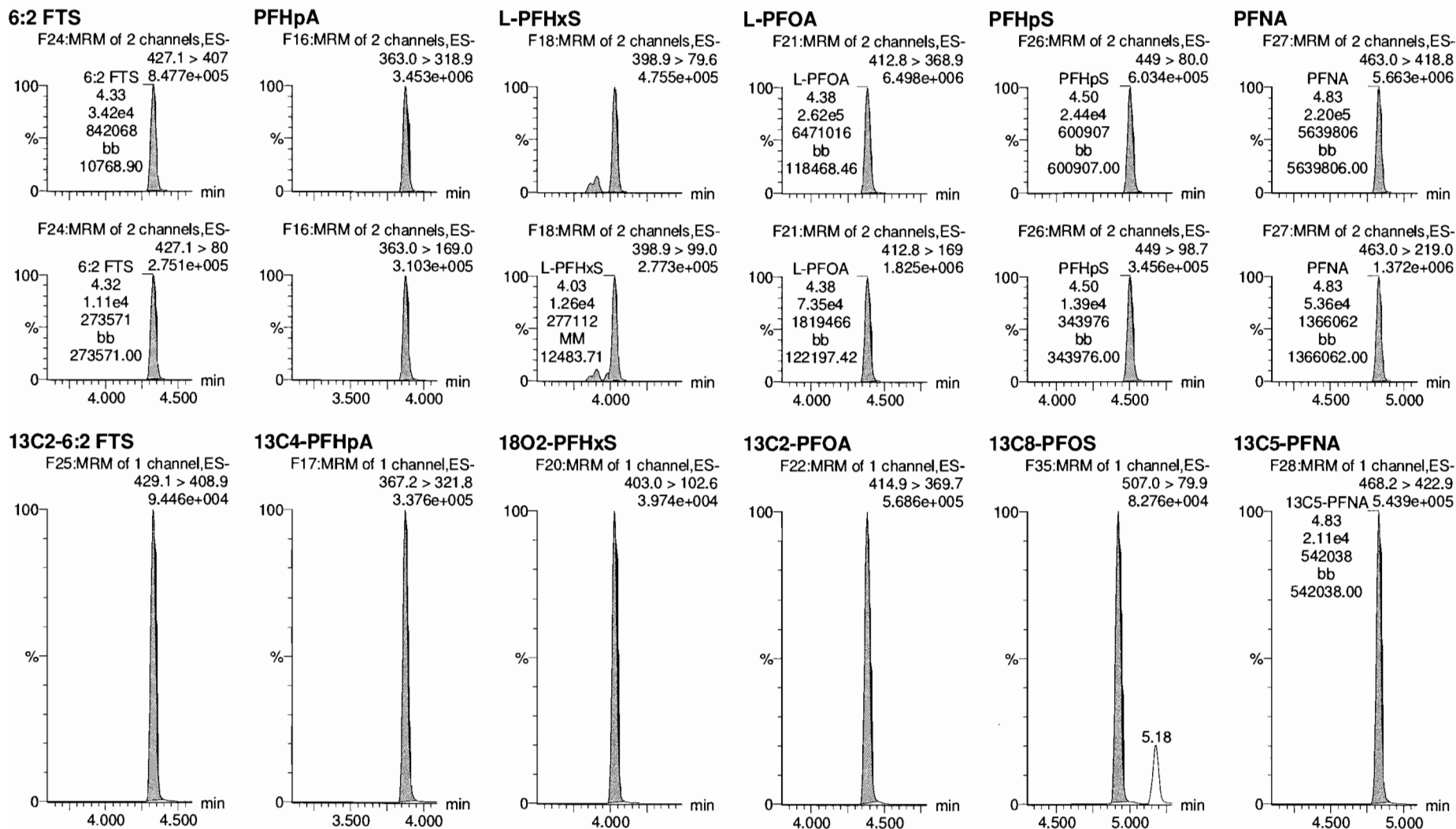


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_9, Date: 17-Oct-2018, Time: 13:32:06, ID: ST181017M1-8 PFC CS5 18J0808, Description: PFC CS5 18J0808



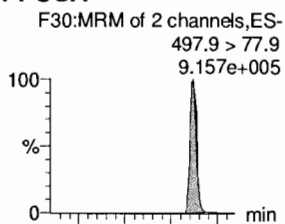
Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

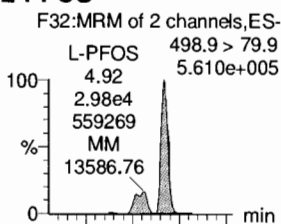
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_9, Date: 17-Oct-2018, Time: 13:32:06, ID: ST181017M1-8 PFC CS5 18J0808, Description: PFC CS5 18J0808

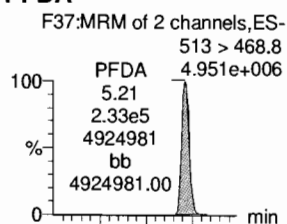
PFOSA



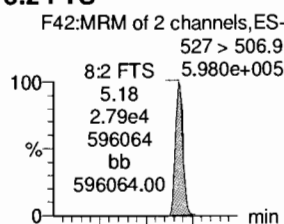
L-PFOS



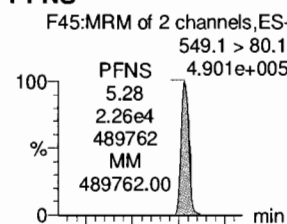
PFDA



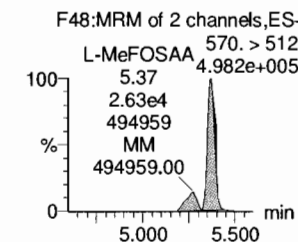
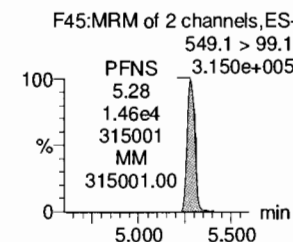
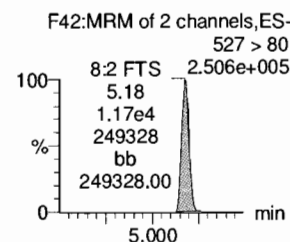
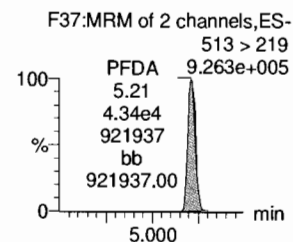
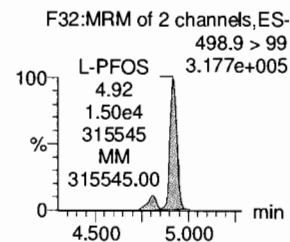
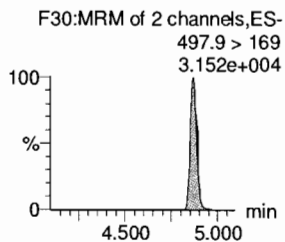
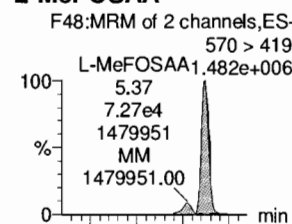
8:2 FTS



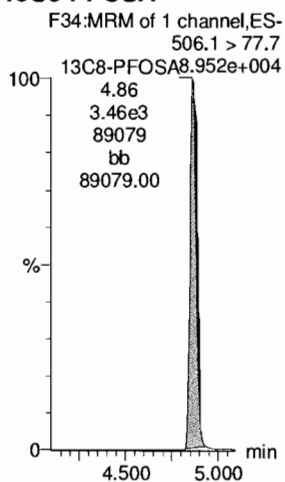
PFNS



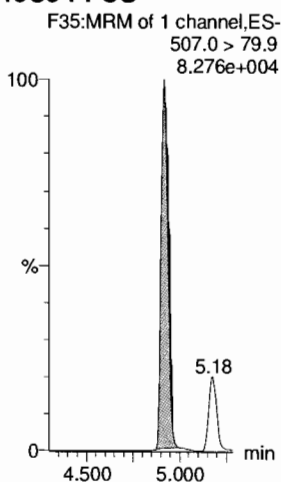
L-MeFOSAA



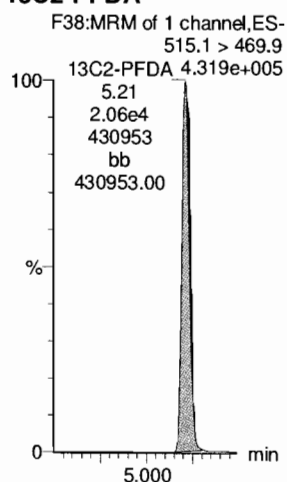
13C8-PFOSA



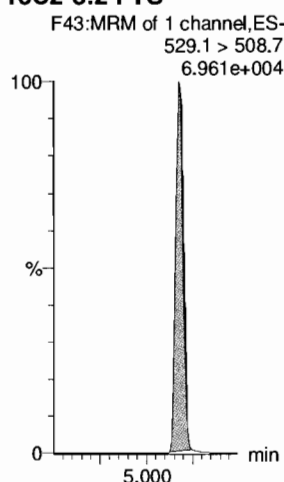
13C8-PFOS



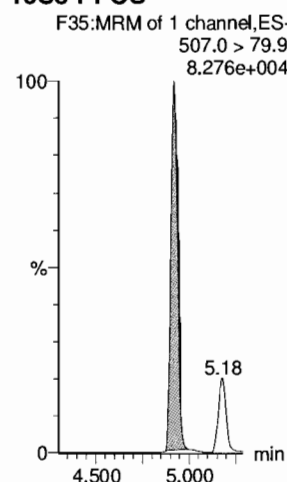
13C2-PFDA



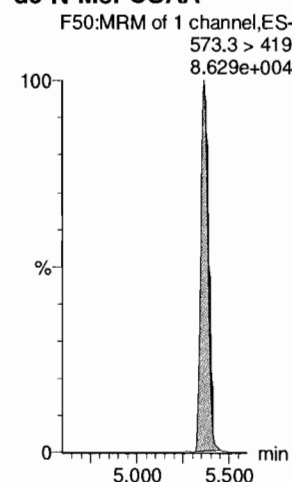
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

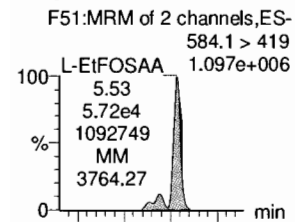


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

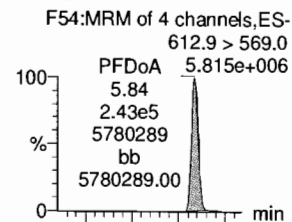
Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_9, Date: 17-Oct-2018, Time: 13:32:06, ID: ST181017M1-8 PFC CS5 18J0808, Description: PFC CS5 18J0808

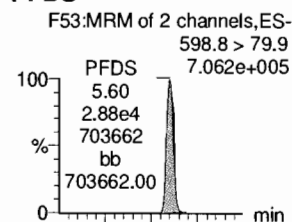
L-EtFOSAA



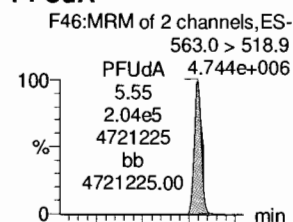
PFDoA



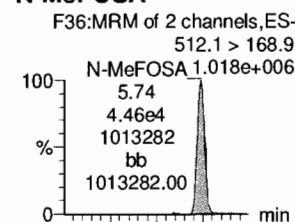
PFDS



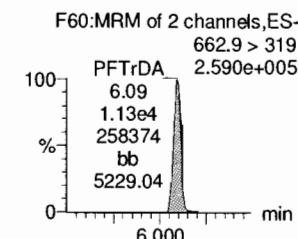
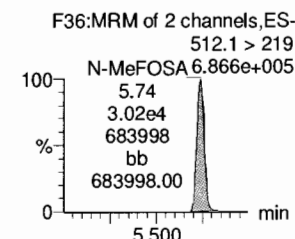
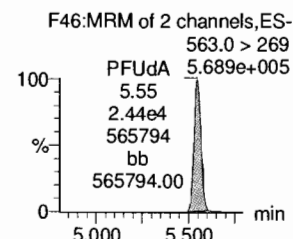
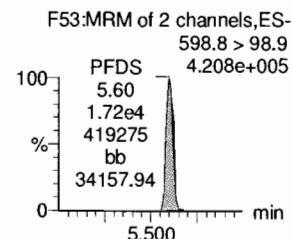
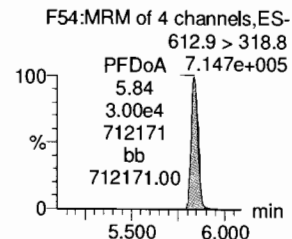
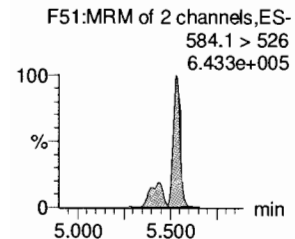
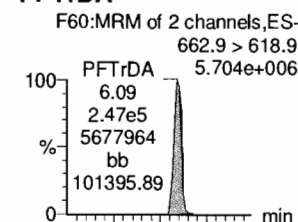
PFUdA



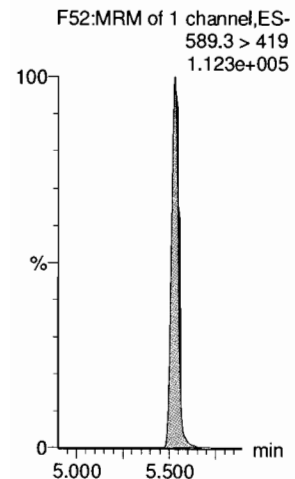
N-MeFOSA



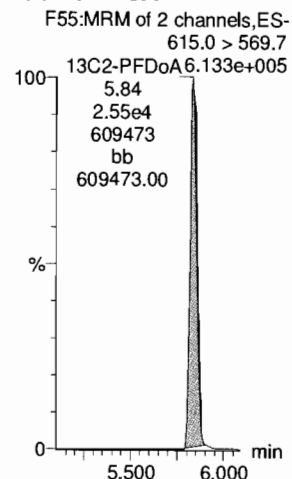
PFTrDA



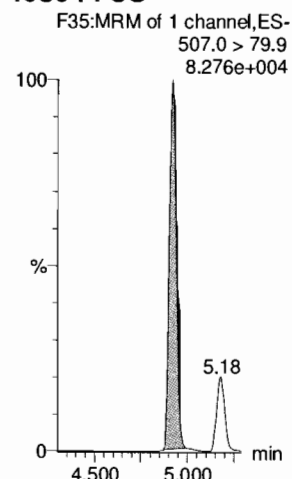
d5-N-EtFOSAA



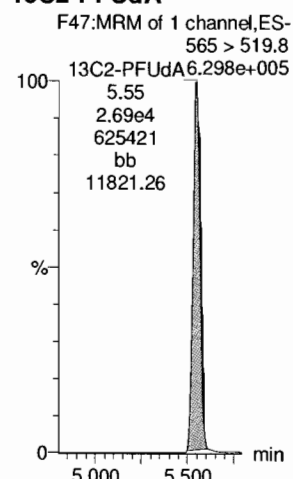
13C2-PFDoA



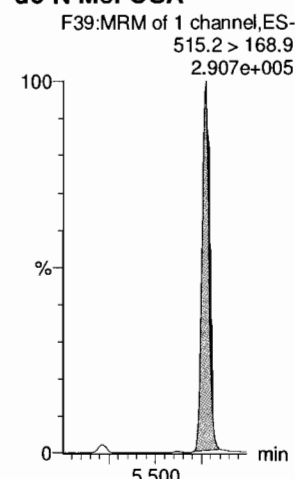
13C8-PFOS



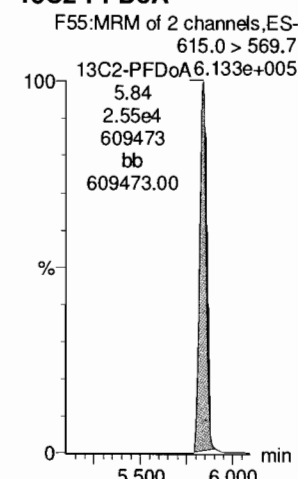
13C2-PFUdA



d3-N-MeFOSA



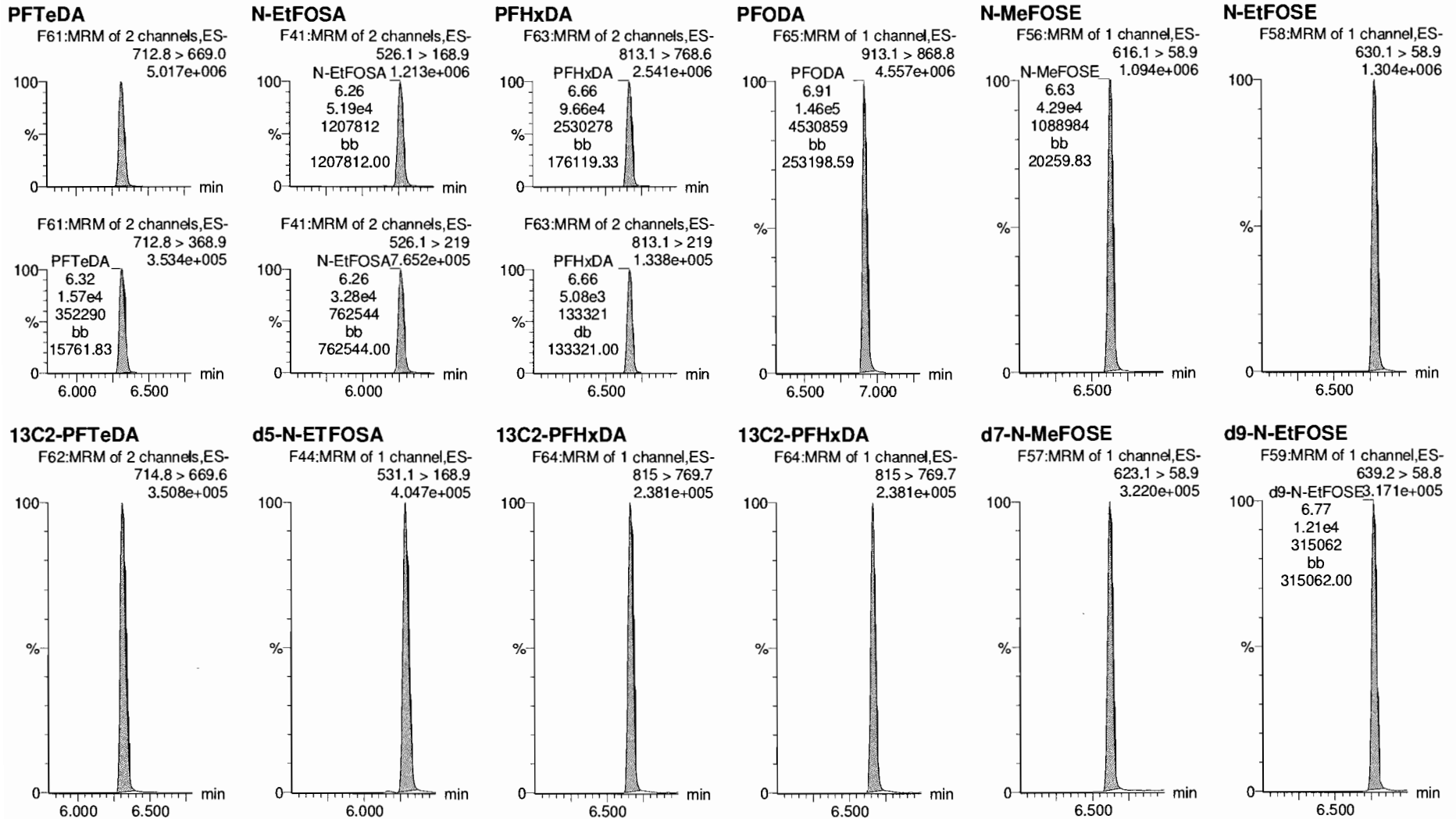
13C2-PFDoA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_9, Date: 17-Oct-2018, Time: 13:32:06, ID: ST181017M1-8 PFC CS5 18J0808, Description: PFC CS5 18J0808



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

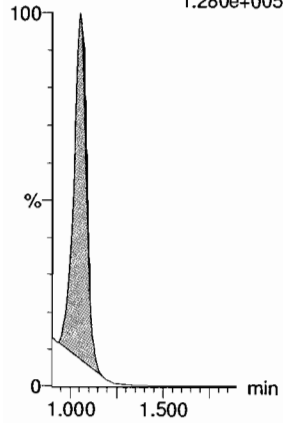
Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_9, Date: 17-Oct-2018, Time: 13:32:06, ID: ST181017M1-8 PFC CS5 18J0808, Description: PFC CS5 18J0808

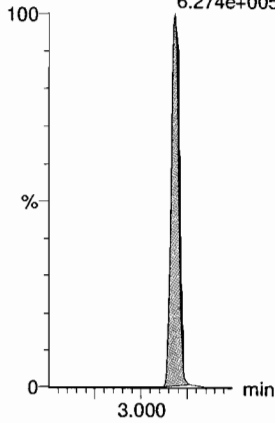
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.280e+005



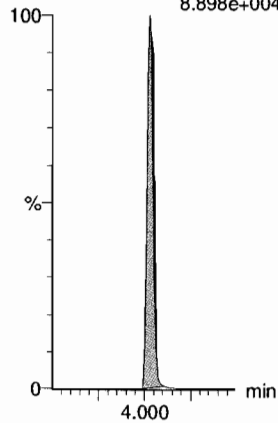
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
6.274e+005



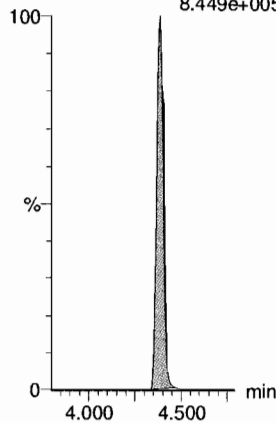
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
8.898e+004



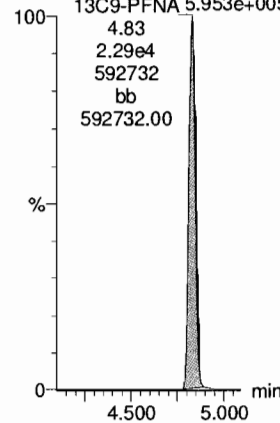
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
8.449e+005



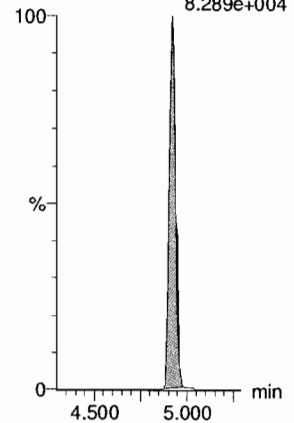
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
5.953e+005



13C4-PFOS

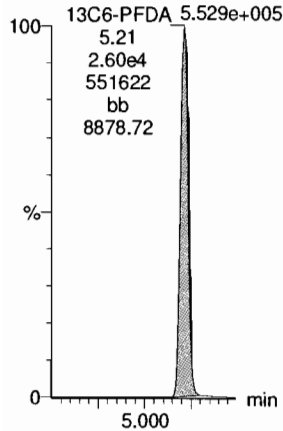
F33:MRM of 1 channel,ES-
503 > 79.9
8.289e+004



13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7

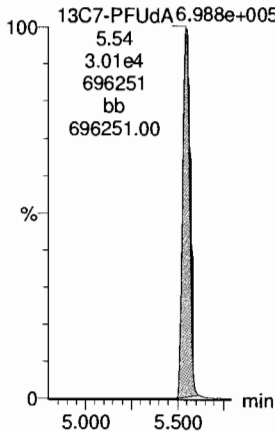
13C6-PFDA 5.529e+005
5.21
2.60e4
551622
bb
8878.72



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8

13C7-PFUdA 6.988e+005
5.54
3.01e4
696251
bb
696251.00

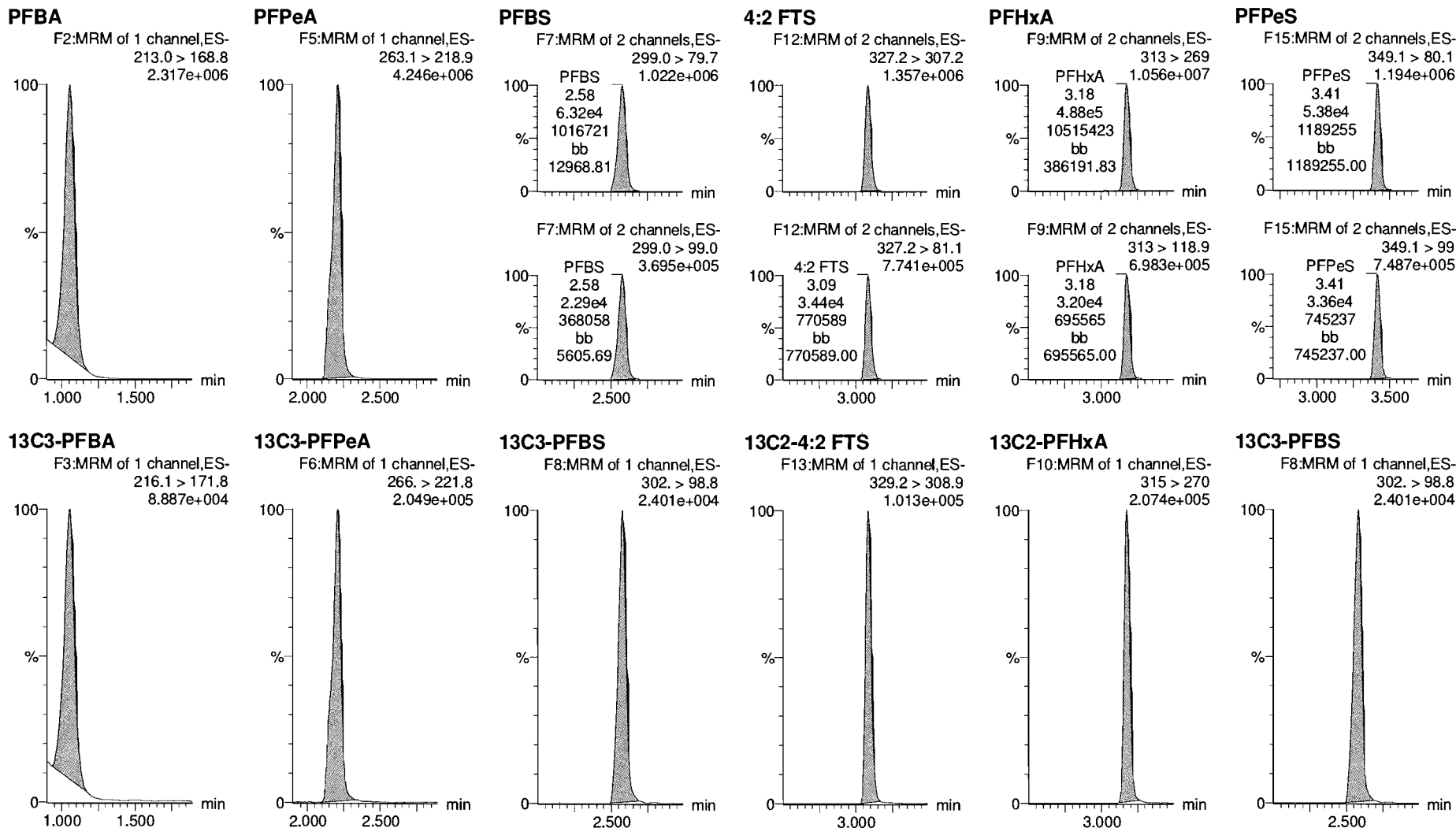


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:51:54 Pacific Daylight Time

Name: 181017M1_10, Date: 17-Oct-2018, Time: 13:42:39, ID: ST181017M1-9 PFC CS6 18J0809, Description: PFC CS6 18J0809

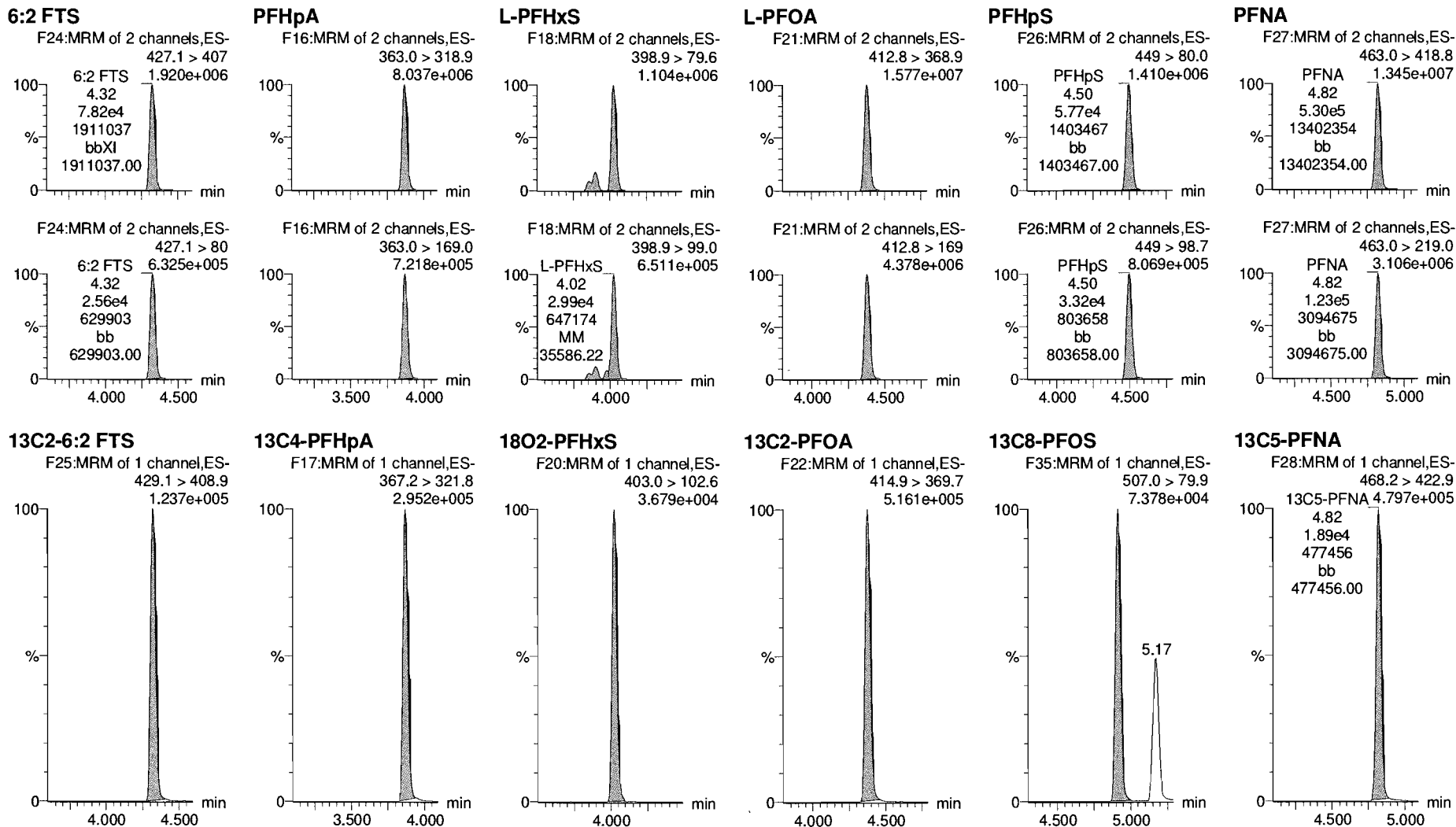


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:51:54 Pacific Daylight Time

Name: 181017M1_10, Date: 17-Oct-2018, Time: 13:42:39, ID: ST181017M1-9 PFC CS6 18J0809, Description: PFC CS6 18J0809

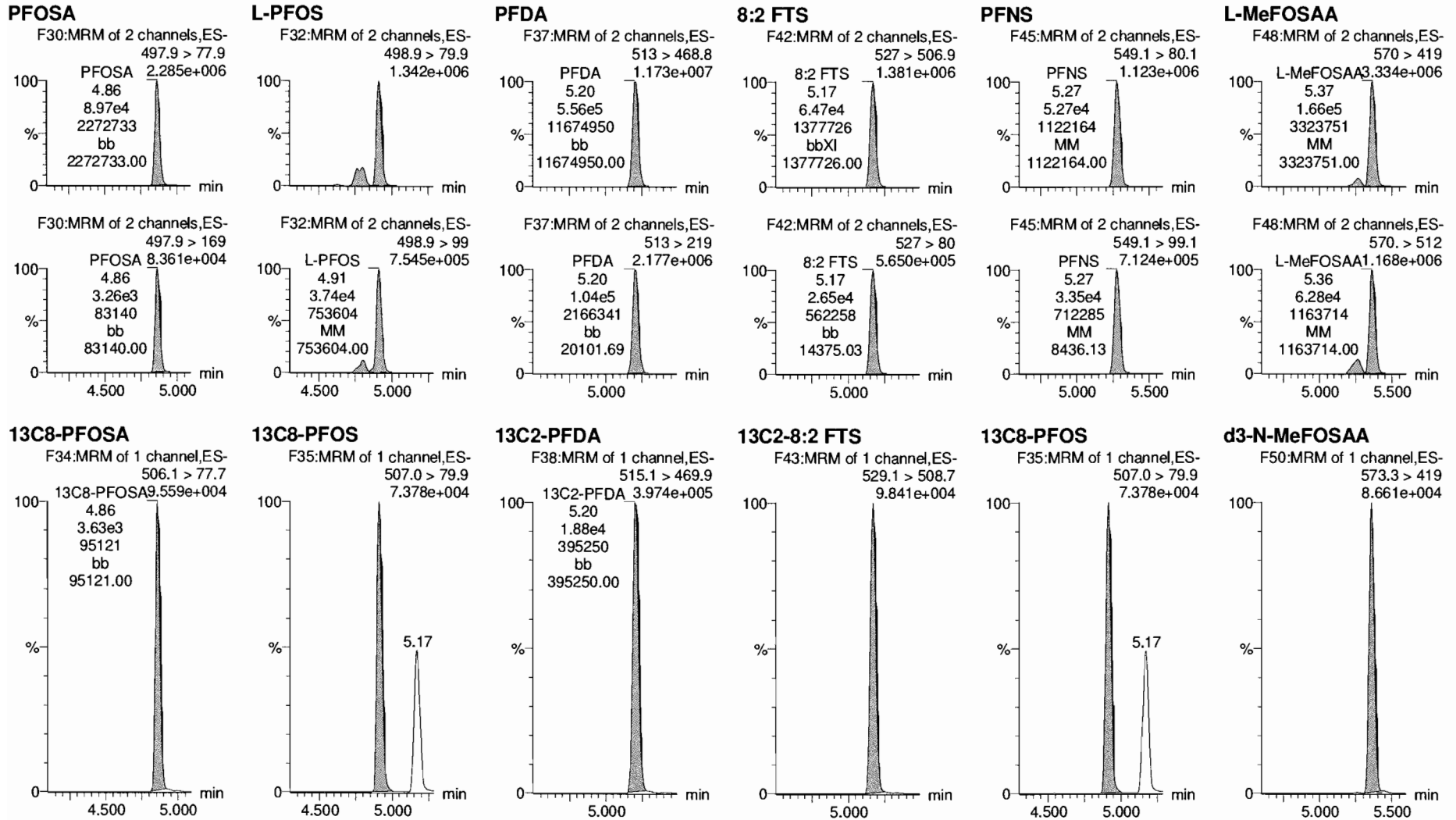


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:51:54 Pacific Daylight Time

Name: 181017M1_10, Date: 17-Oct-2018, Time: 13:42:39, ID: ST181017M1-9 PFC CS6 18J0809, Description: PFC CS6 18J0809

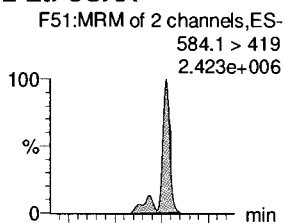


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

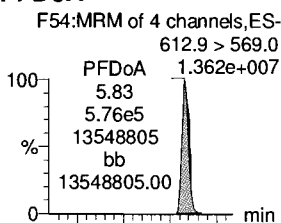
Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:51:54 Pacific Daylight Time

Name: 181017M1_10, Date: 17-Oct-2018, Time: 13:42:39, ID: ST181017M1-9 PFC CS6 18J0809, Description: PFC CS6 18J0809

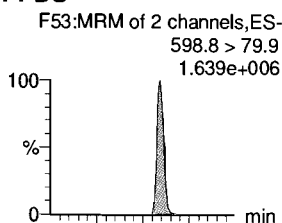
L-EtFOSAA



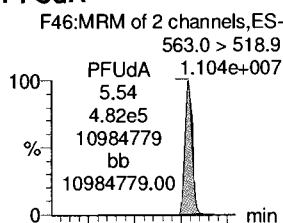
PFDoA



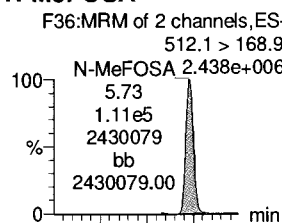
PFDS



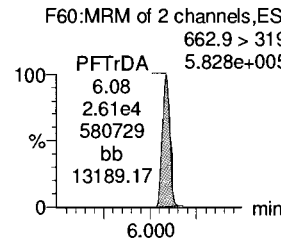
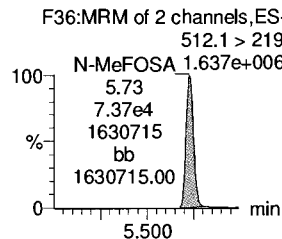
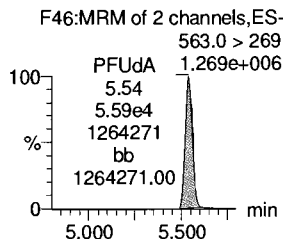
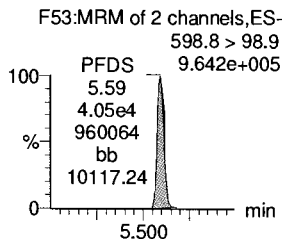
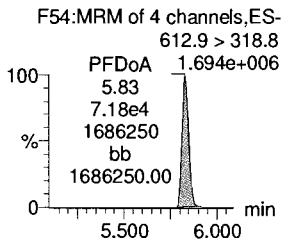
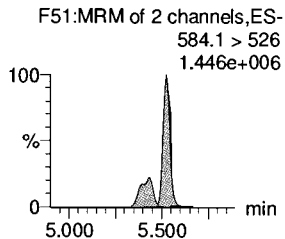
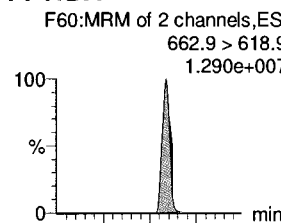
PFUdA



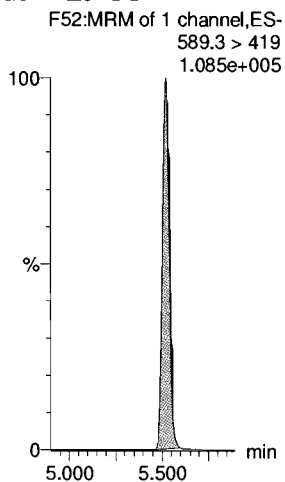
N-MeFOSA



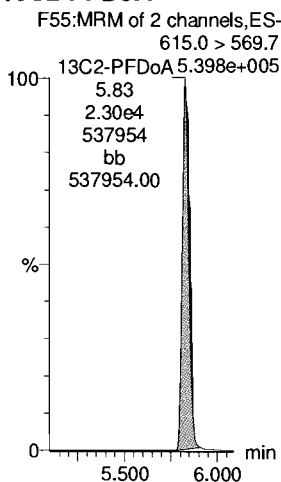
PFTTrDA



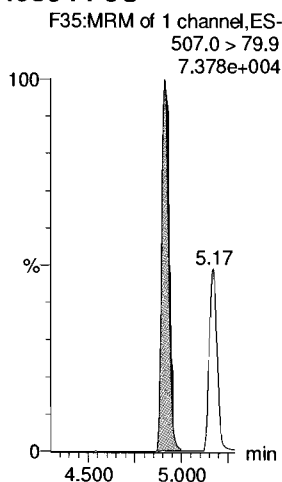
d5-N-EtFOSAA



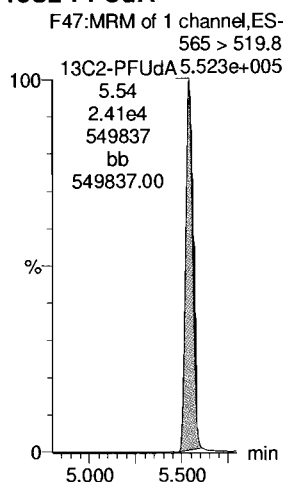
13C2-PFDoA



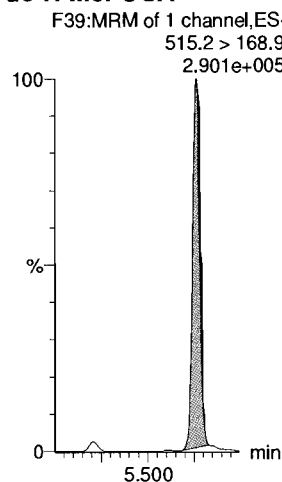
13C8-PFOS



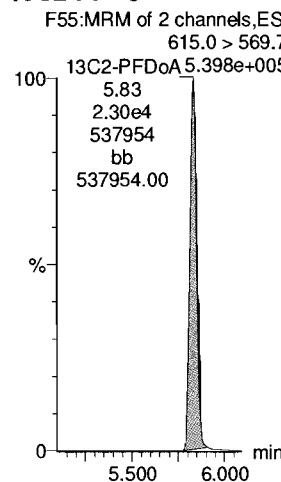
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA



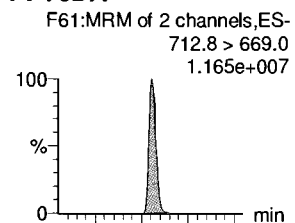
Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time

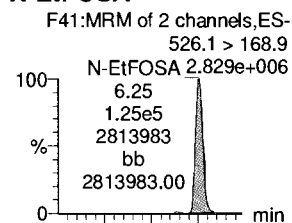
Printed: Thursday, October 18, 2018 11:51:54 Pacific Daylight Time

Name: 181017M1_10, Date: 17-Oct-2018, Time: 13:42:39, ID: ST181017M1-9 PFC CS6 18J0809, Description: PFC CS6 18J0809

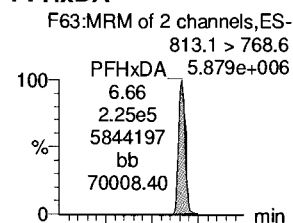
PFTeDA



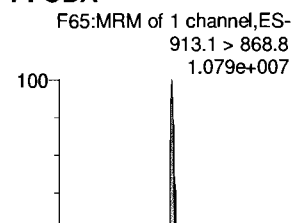
N-EtFOSA



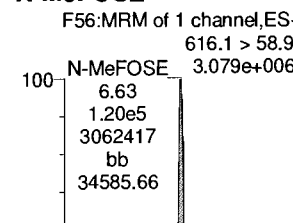
PFHxDA



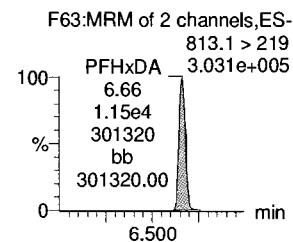
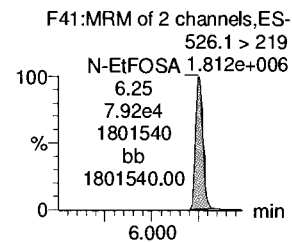
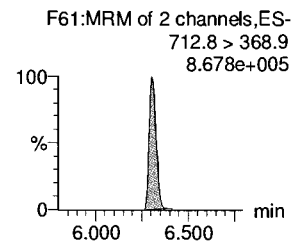
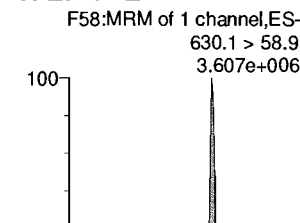
PFODA



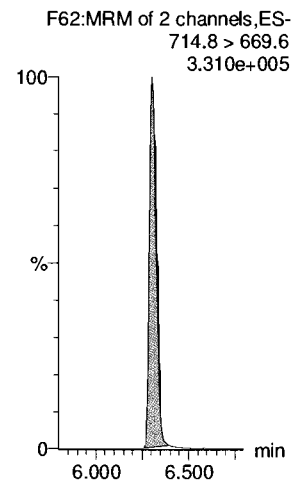
N-MeFOSE



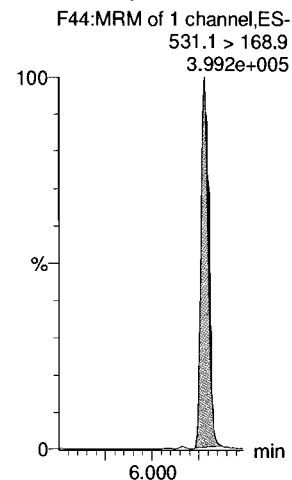
N-EtFOSE



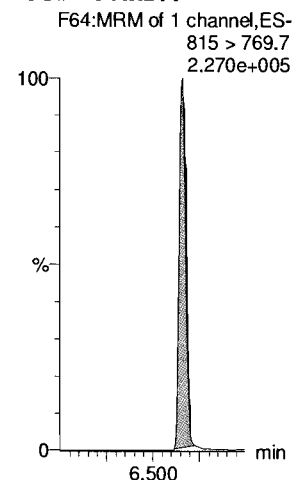
13C2-PFTeDA



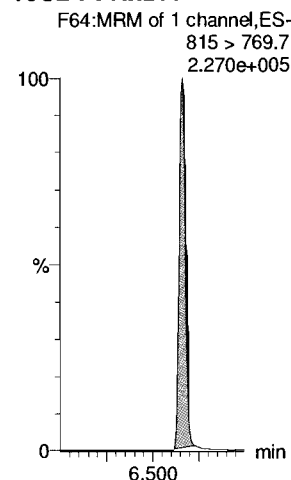
d5-N-ETFOSA



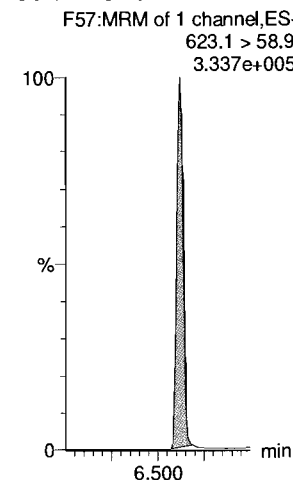
13C2-PFHxDA



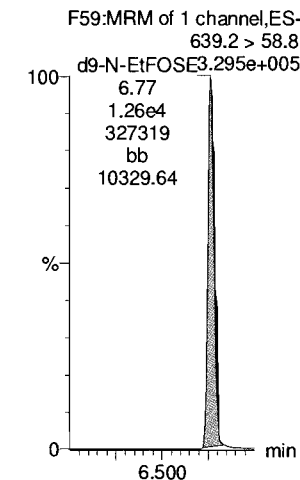
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE

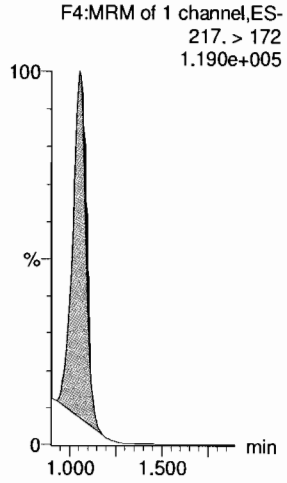


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

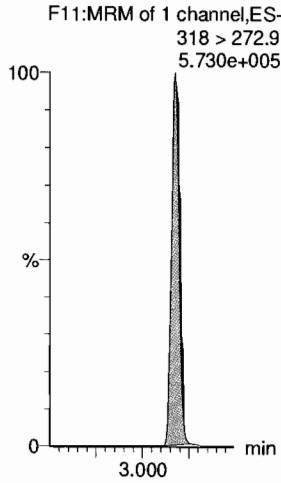
Last Altered: Thursday, October 18, 2018 11:51:35 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:51:54 Pacific Daylight Time

Name: 181017M1_10, Date: 17-Oct-2018, Time: 13:42:39, ID: ST181017M1-9 PFC CS6 18J0809, Description: PFC CS6 18J0809

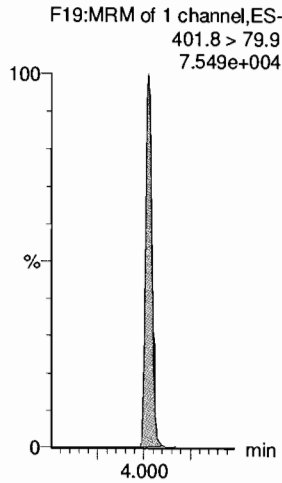
13C4-PFBA



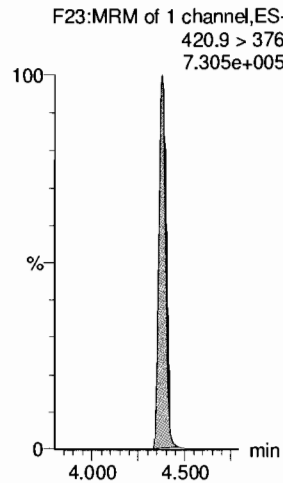
13C5-PFHxA



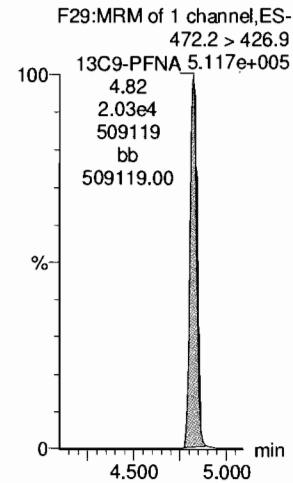
13C3-PFHxS



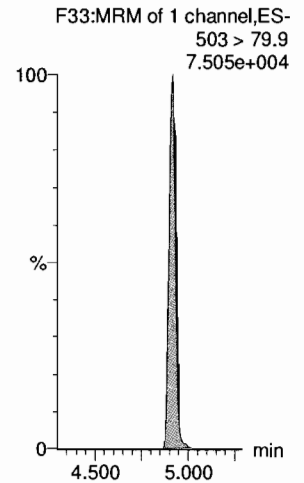
13C8-PFOA



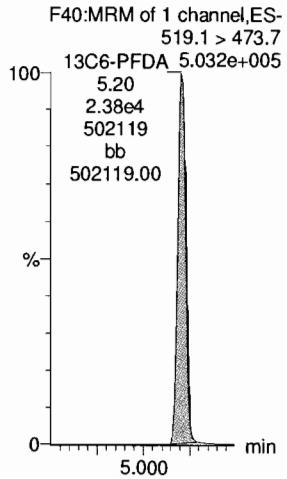
13C9-PFNA



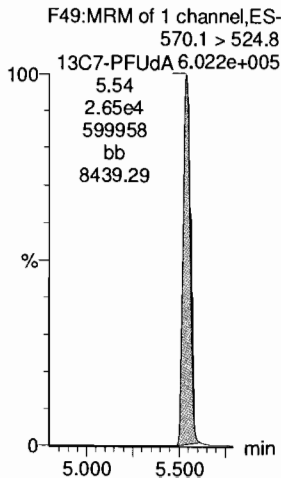
13C4-PFOS



13C6-PFDA



13C7-PFUdA

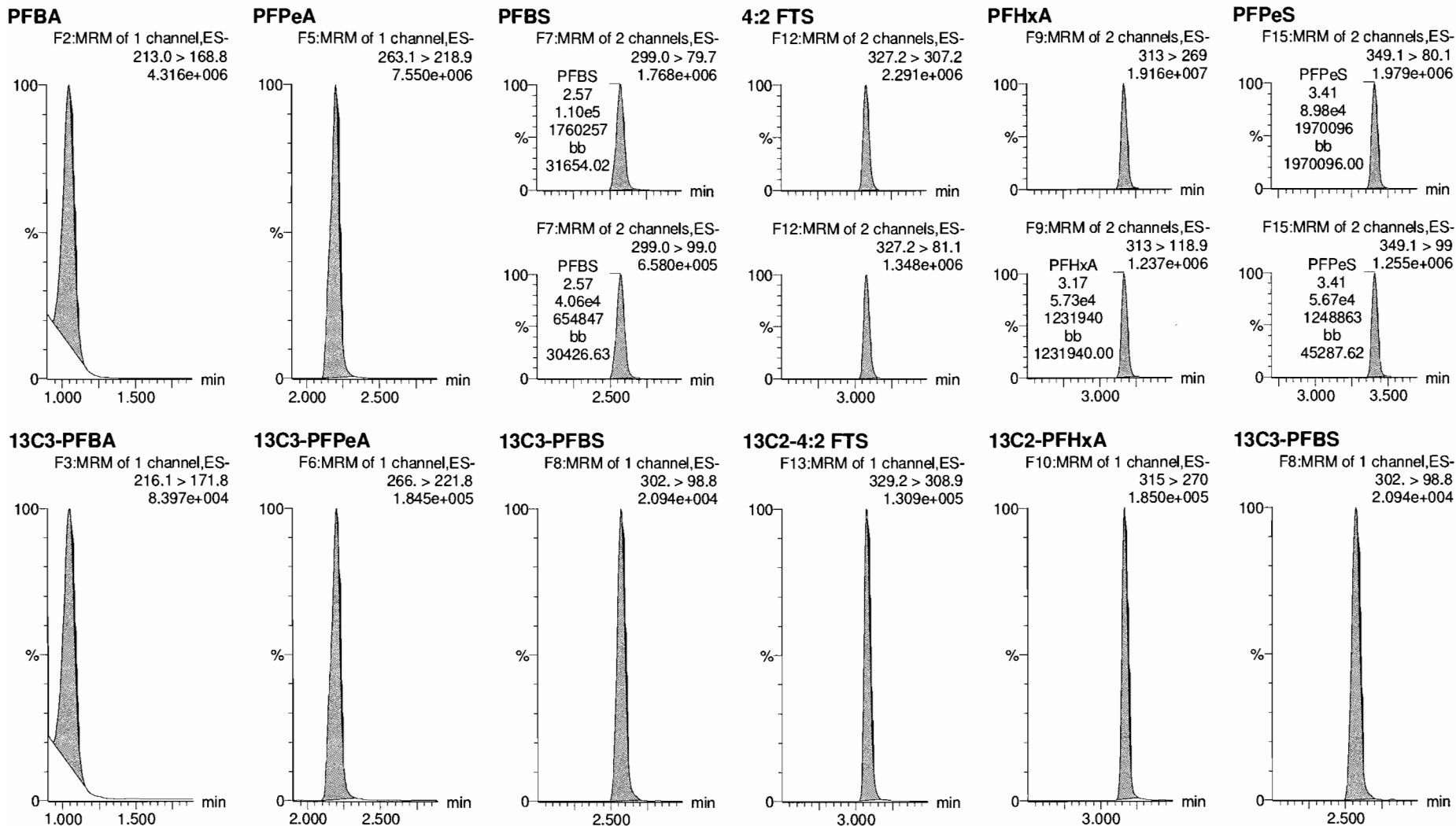


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

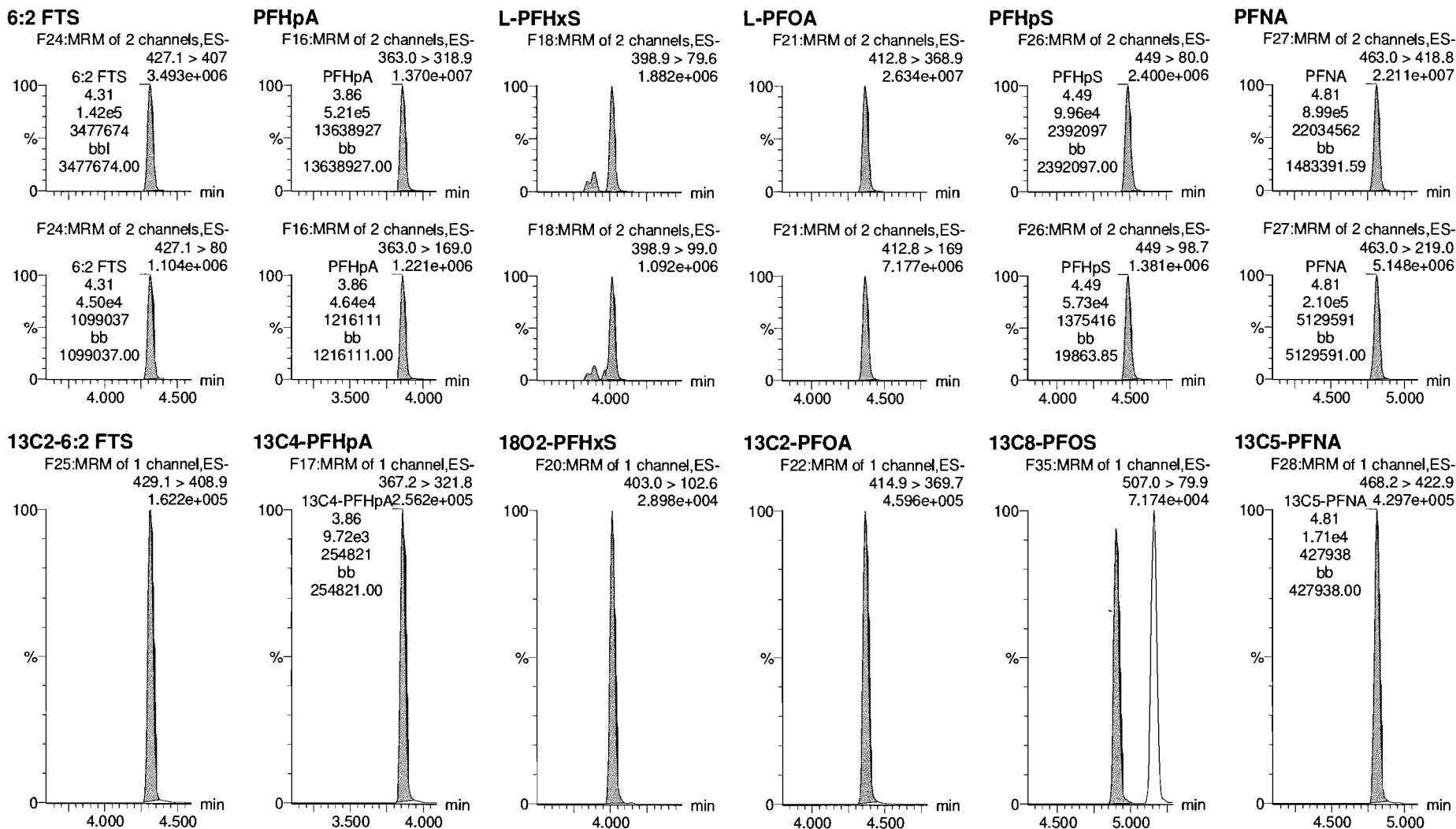
Name: 181017M1_11, Date: 17-Oct-2018, Time: 13:53:18, ID: ST181017M1-10 PFC CS7 18J0810, Description: PFC CS7 18J0810



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_11, Date: 17-Oct-2018, Time: 13:53:18, ID: ST181017M1-10 PFC CS7 18J0810, Description: PFC CS7 18J0810

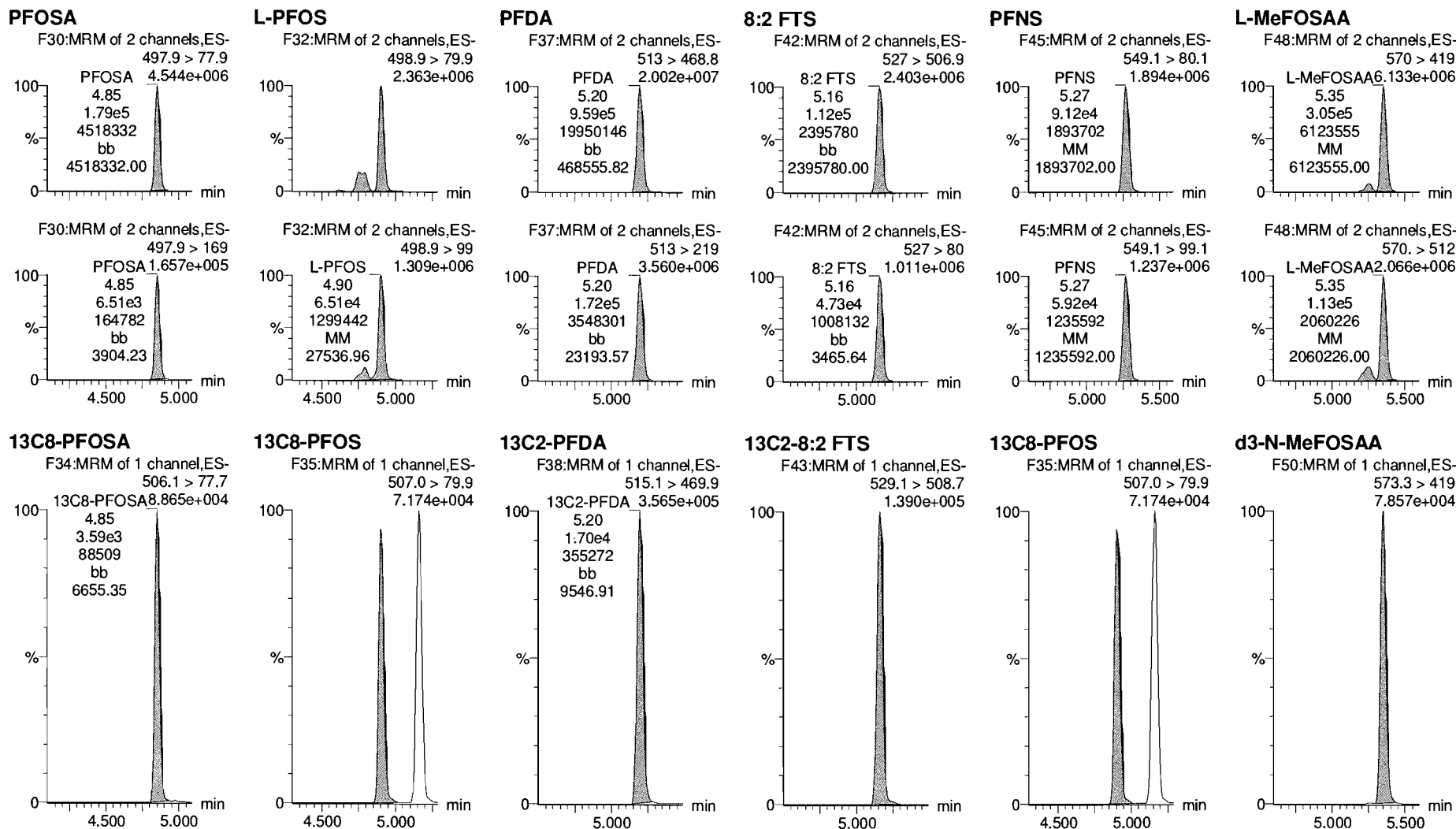


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_11, Date: 17-Oct-2018, Time: 13:53:18, ID: ST181017M1-10 PFC CS7 18J0810, Description: PFC CS7 18J0810

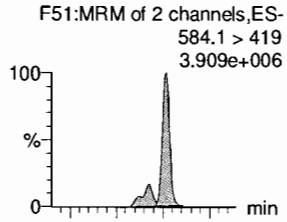


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

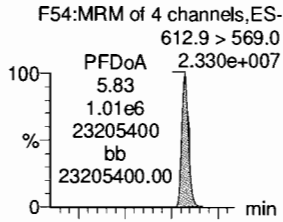
Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_11, Date: 17-Oct-2018, Time: 13:53:18, ID: ST181017M1-10 PFC CS7 18J0810, Description: PFC CS7 18J0810

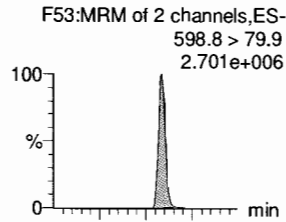
L-EtFOSAA



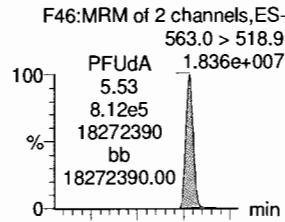
PFDaA



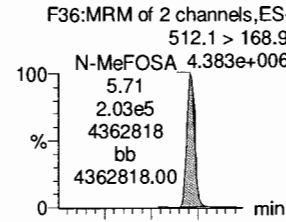
PFDS



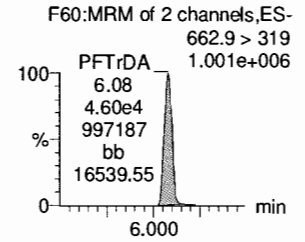
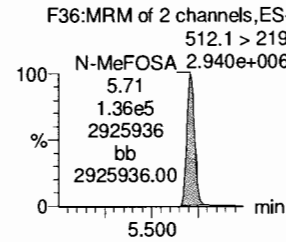
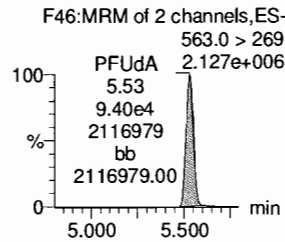
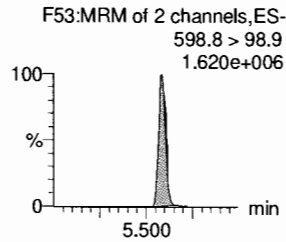
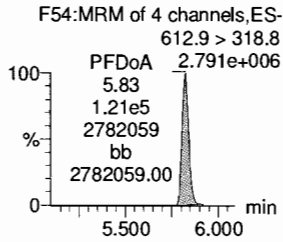
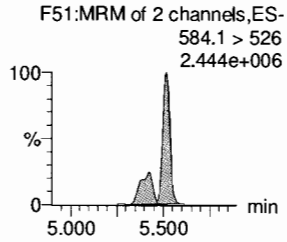
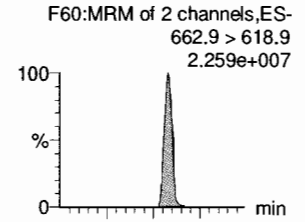
PFUdA



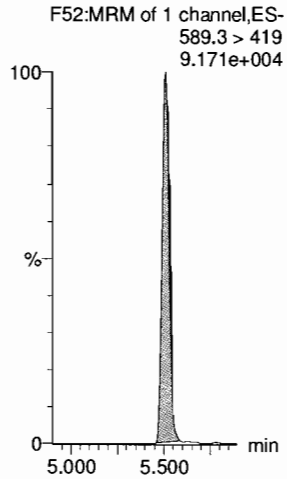
N-MeFOSA



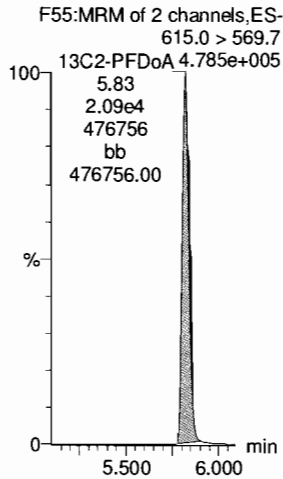
PFTrDA



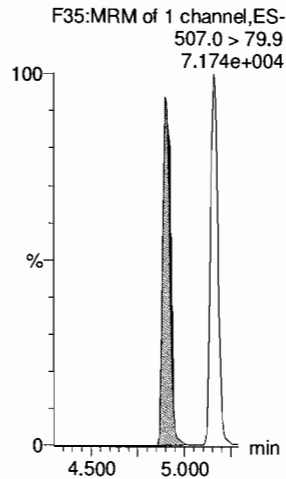
d5-N-EtFOSAA



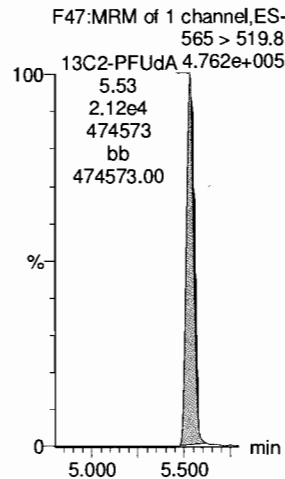
13C2-PFDaA



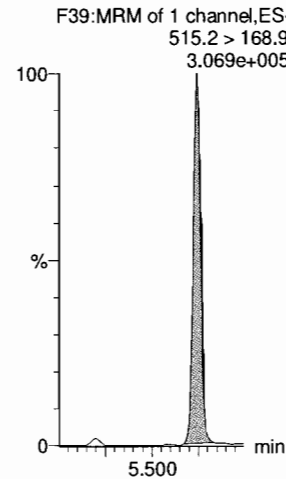
13C8-PFOS



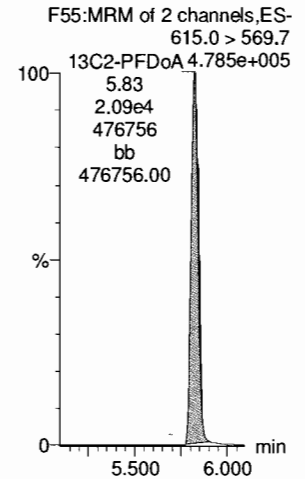
13C2-PFUdA



d3-N-MeFOSA



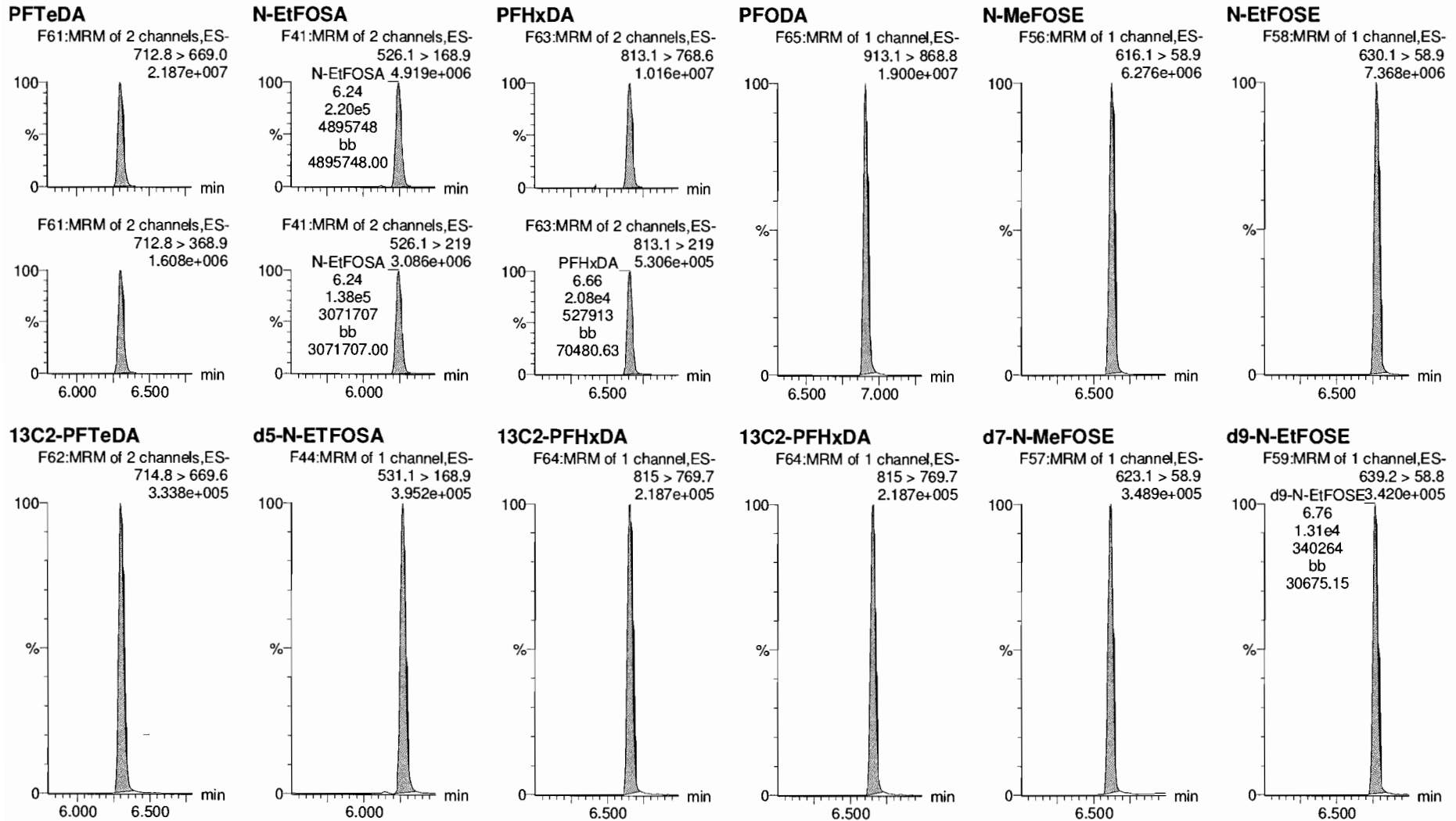
13C2-PFDaA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_11, Date: 17-Oct-2018, Time: 13:53:18, ID: ST181017M1-10 PFC CS7 18J0810, Description: PFC CS7 18J0810



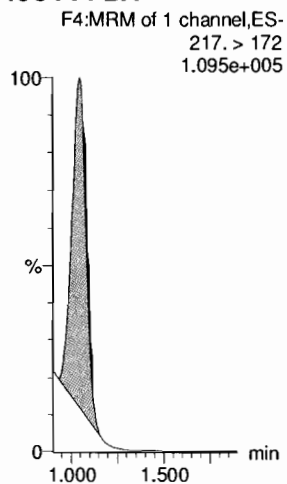
Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-CRV.qld

Last Altered: Thursday, October 18, 2018 11:05:38 Pacific Daylight Time

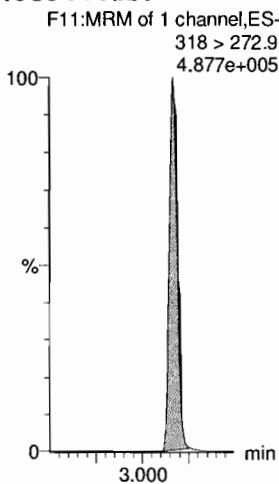
Printed: Thursday, October 18, 2018 11:33:39 Pacific Daylight Time

Name: 181017M1_11, Date: 17-Oct-2018, Time: 13:53:18, ID: ST181017M1-10 PFC CS7 18J0810, Description: PFC CS7 18J0810

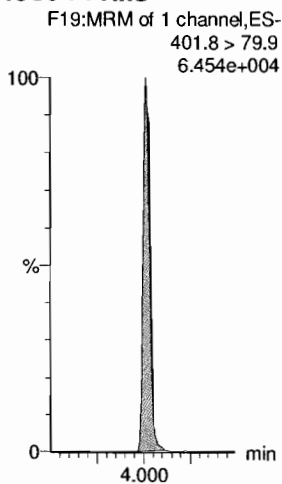
13C4-PFBA



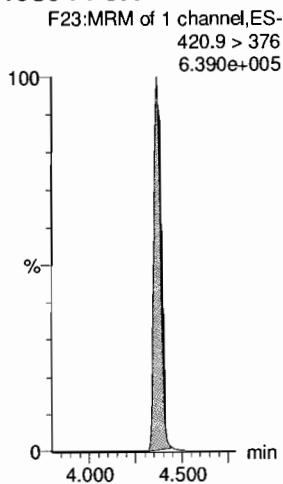
13C5-PFHxA



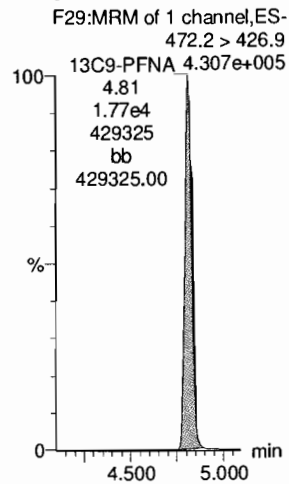
13C3-PFHxS



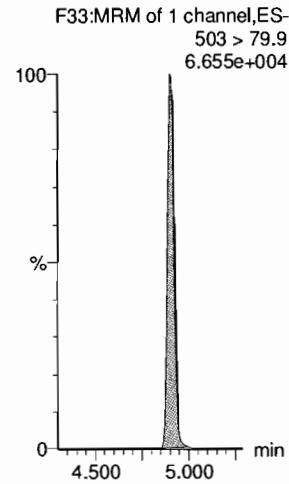
13C8-PFOA



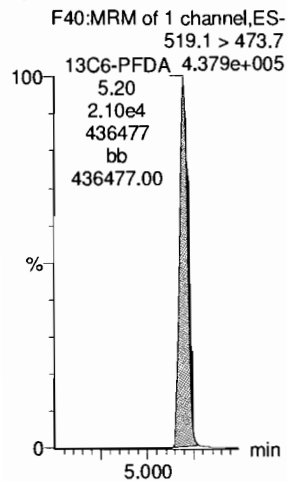
13C9-PFNA



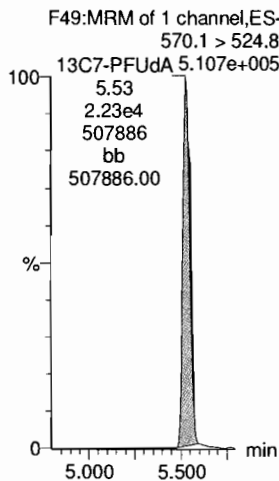
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-13.qld

Last Altered: Thursday, October 18, 2018 13:23:56 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:24:10 Pacific Daylight Time

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	6632.065	7564.707	1.00	1.02	10.959	8.5	84.8	NO		
2	2 PFPeA	263.1 > 218.9	10653.185	15453.876	1.00	2.15	8.617	8.6	86.0	NO		
3	3 PFBS	299.0 > 79.7	2156.791	1850.453	1.00	2.53	14.569	7.4	73.8	NO	2.685	NO
4	4 4:2 FTS	327.2>307.2	2643.112	3049.150	1.00	3.05	10.835	8.6	85.8	NO	1.785	NO
5	5 PFHxA	313 > 269	20090.891	10661.788	1.00	3.14	9.422	8.9	89.0	NO	15.162	NO
6	6 PFPeS	349.1>80.1	2020.219	1850.453	1.00	3.38	13.647	7.7	77.1	NO	1.504	NO
7	36 13C3-PFBA	216.1 > 171.8	7564.707	9726.916	1.00	1.02	9.721	12.9	103.5	NO		
8	37 13C3-PFPeA	266. > 221.8	15453.876	29880.137	1.00	2.15	6.465	12.7	101.4	NO		
9	38 13C3-PFBS	302. > 98.8	1850.453	3185.548	1.00	2.53	7.261	13.6	108.9	NO		
10	39 13C2-4:2 FTS	329.2>308.9	3049.150	3185.548	1.00	3.05	11.965	13.7	109.6	NO		
11	40 13C2-PFHxA	315 > 270	10661.788	29880.137	1.00	3.13	4.460	5.1	101.8	NO		
12	38 13C3-PFBS	302. > 98.8	1850.453	3185.548	1.00	2.53	7.261	13.6	108.9	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	3779.270	3677.909	1.00	4.29	12.844	8.1	80.7	NO	3.221	NO
15	7 PFHpA	363.0 > 318.9	12483.192	13584.505	1.00	3.84	11.487	8.6	85.7	NO	10.965	NO
16	8 L-PFHxS	398.9 > 79.6	1814.602	1437.847	1.00	4.00	15.775	8.6	86.3	NO	1.726	NO
17	11 L-PFOA	412.8 > 368.9	25827.213	24620.477	1.00	4.35	13.113	8.6	86.3	NO	3.717	NO
18	13 PFHpS	449 > 80.0	2220.700	3657.668	1.00	4.47	7.589	8.0	80.4	NO	1.772	NO
19	14 PFNA	463.0 > 418.8	20956.393	22033.180	1.00	4.80	11.889	8.6	85.9	NO	4.313	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	3677.909	3388.467	1.00	4.29	13.568	14.6	117.0	NO		
21	41 13C4-PFHpA	367.2 > 321.8	13584.505	29880.137	1.00	3.84	5.683	12.9	103.4	NO		
22	42 18O2-PFHxS	403.0 > 102.6	1437.847	3185.548	1.00	4.00	5.642	12.6	100.8	NO		
23	44 13C2-PFOA	414.9 > 369.7	24620.477	35311.895	1.00	4.35	8.715	12.7	101.7	NO		
24	47 13C8-PFOS	507.0 > 79.9	3657.668	3388.467	1.00	4.89	13.493	13.1	104.6	NO		
25	45 13C5-PFNA	468.2 > 422.9	22033.180	23308.727	1.00	4.80	11.816	12.7	101.4	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	4579.398	5142.652	1.00	4.84	11.131	9.0	90.1	NO	31.961	NO
28	16 L-PFOS	498.9 > 79.9	2675.326	3657.668	1.00	4.89	9.143	8.0	79.8	NO	2.019	NO
29	18 PFDA	513 > 468.8	23183.367	21982.664	1.00	5.19	13.183	8.9	88.7	NO	5.663	NO
30	19 8:2 FTS	527 > 506.9	2944.379	2965.961	1.00	5.15	12.409	8.2	82.2	NO	2.205	NO
31	20 PFNS	549.1 > 80.1	2061.568	3657.668	1.00	5.26	7.045	8.3	82.9	NO	1.539	NO
32	21 L-MeFOSAA	570 > 419	8222.389	4490.470	1.00	5.35	22.888	9.8	97.5	NO	2.970	NO
33	46 13C8-PFOA	506.1 > 77.7	5142.652	31923.773	1.00	4.84	2.014	16.1	128.6	NO		
34	47 13C8-PFOS	507.0 > 79.9	3657.668	3388.467	1.00	4.89	13.493	13.1	104.6	NO		

VKB
10/18/18

DM
10/18/18

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-13.qld

Last Altered: Thursday, October 18, 2018 13:23:56 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:24:10 Pacific Daylight Time

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery...	Ion Ratio	Ratio Out?
35	48 13C2-PFDA	515.1 > 469.9	21982.664	27731.266	1.00	5.19	9.909	12.5	100.3	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	2965.961	3388.467	1.00	5.16	10.941	14.8	118.4	NO		
37	47 13C8-PFOS	507.0 > 79.9	3657.668	3388.467	1.00	4.89	13.493	13.1	104.6	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	4490.470	31923.773	1.00	5.34	1.758	13.3	106.2	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	6889.903	6101.753	1.00	5.51	14.115	10.1	100.6	NO	1.596	NO
41	27 PFDoA	612.9 > 569.0	23509.617	27103.928	1.00	5.82	10.842	8.8	88.0	NO	8.293	NO
42	26 PFDS	598.8 > 79.9	2684.337	3657.668	1.00	5.58	9.174	9.0	90.0	NO	1.745	NO
43	25 PFUDa	563.0 > 518.9	20360.398	28939.492	1.00	5.52	8.794	8.8	87.9	NO	9.021	NO
44	28 N-MeFOSA	512.1 > 168.9		14937.880	1.00					NO		
45	29 PFTrDA	662.9 > 618.9	24179.348	27103.928	1.00	6.08	11.151	9.0	89.7	NO	22.786	NO
46	52 d5-N-EtFOSAA	589.3 > 419	6101.753	31923.773	1.00	5.51	2.389	13.7	109.9	NO		
47	53 13C2-PFDoA	615.0 > 569.7	27103.928	27731.266	1.00	5.82	12.217	12.5	100.0	NO		
48	47 13C8-PFOS	507.0 > 79.9	3657.668	3388.467	1.00	4.89	13.493	13.1	104.6	NO		
49	51 13C2-PFUDa	565 > 519.8	28939.492	31923.773	1.00	5.52	11.331	12.5	100.2	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	14937.880	31923.773	1.00	5.72	5.849	161.2	107.4	NO		
51	53 13C2-PFDoA	615.0 > 569.7	27103.928	27731.266	1.00	5.82	12.217	12.5	100.0	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	23276.012	17128.322	1.00	6.30	16.986	9.1	90.9	NO	13.889	NO
54	31 N-EtFOSA	526.1 > 168.9		19138.037	1.00					NO		
55	32 PFHxDA	813.1 > 768.6		9610.883	1.00					NO		
56	33 PFODA	913.1 > 868.8		9610.883	1.00					NO		
57	34 N-MeFOSE	616.1 > 58.9		14893.150	1.00					NO		
58	35 N-EtFOSE	630.1 > 58.9		14339.205	1.00					NO		
59	55 13C2-PFTeDA	714.8 > 669.6	17128.322	31923.773	1.00	6.30	6.707	12.9	103.5	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	19138.037	31923.773	1.00	6.25	7.494	151.3	100.9	NO		
61	57 13C2-PFHxDA	815 > 769.7	9610.883	31923.773	1.00	6.65	3.763	4.9	97.1	NO		
62	57 13C2-PFHxDA	815 > 769.7	9610.883	31923.773	1.00	6.65	3.763	4.9	97.1	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	14893.150	31923.773	1.00	6.62	5.832	162.9	108.6	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	14339.205	31923.773	1.00	6.76	5.615	161.6	107.7	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	9726.916	9726.916	1.00	1.03	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	29880.137	29880.137	1.00	3.13	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	3185.548	3185.548	1.00	4.00	12.500	12.5	100.0	NO		

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-13.qld

Last Altered: Thursday, October 18, 2018 13:23:56 Pacific Daylight Time

Printed: Thursday, October 18, 2018 13:24:10 Pacific Daylight Time

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

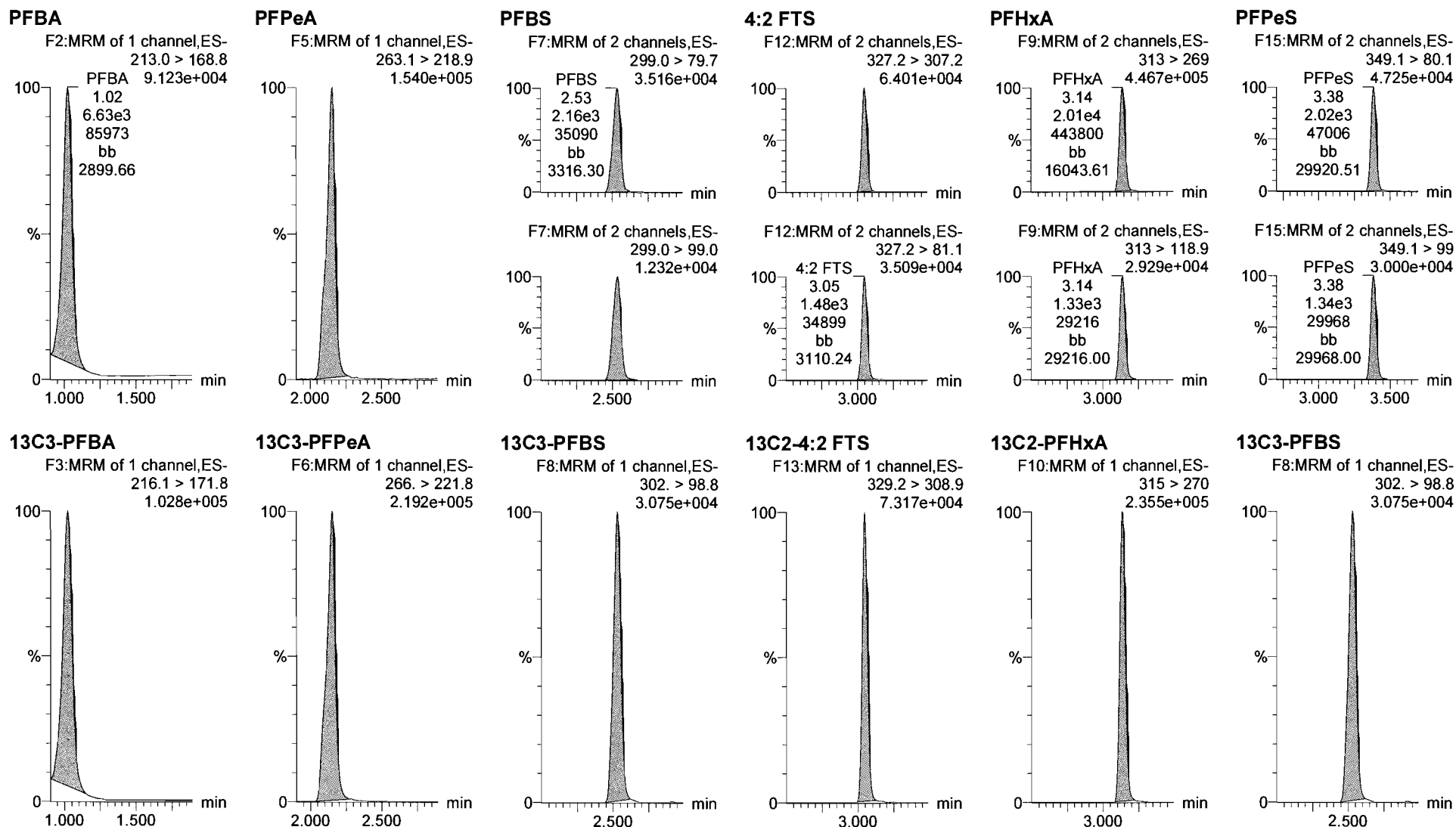
#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
69	63 13C8-PFOA	420.9 > 376	35311.895	35311.895	1.00	4.35	12.500	12.5	100.0		NO	
70	64 13C9-PFNA	472.2 > 426.9	23308.727	23308.727	1.00	4.80	12.500	12.5	100.0		NO	
71	65 13C4-PFOS	503 > 79.9	3388.467	3388.467	1.00	4.89	12.500	12.5	100.0		NO	
72	66 13C6-PFDA	519.1 > 473.7	27731.266	27731.266	1.00	5.19	12.500	12.5	100.0		NO	
73	67 13C7-PFUdA	570.1 > 524.8	31923.773	31923.773	1.00	5.52	12.500	12.5	100.0		NO	

Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-13.qld

Last Altered: Thursday, October 18, 2018 13:23:56 Pacific Daylight Time
Printed: Thursday, October 18, 2018 13:24:10 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 13:13:00

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

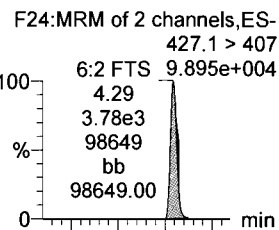


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-13.qld

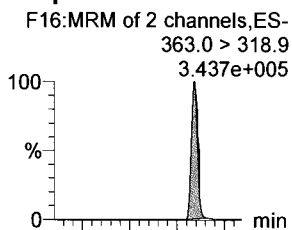
Last Altered: Thursday, October 18, 2018 13:23:56 Pacific Daylight Time
Printed: Thursday, October 18, 2018 13:24:10 Pacific Daylight Time

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

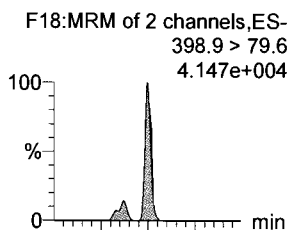
6:2 FTS



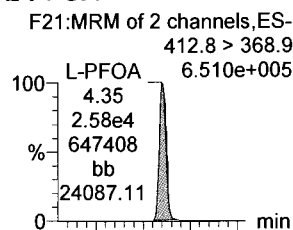
PFHpA



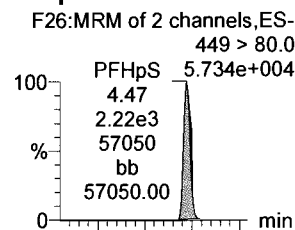
L-PFHxS



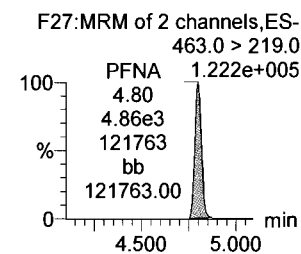
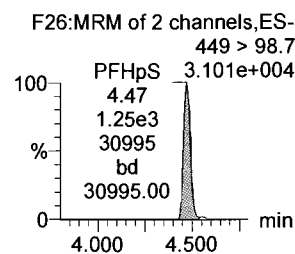
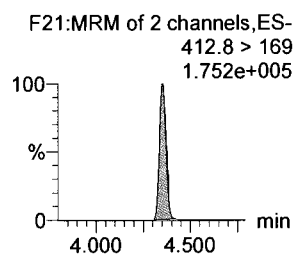
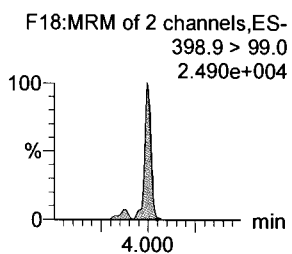
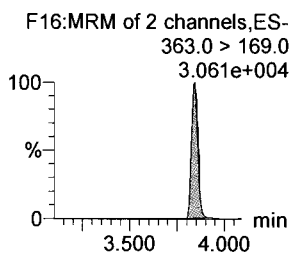
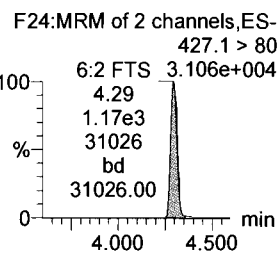
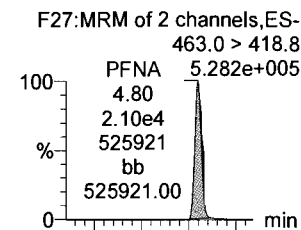
L-PFOA



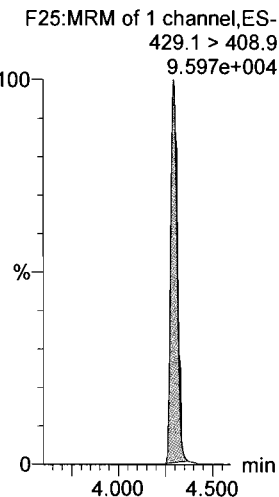
PFHpS



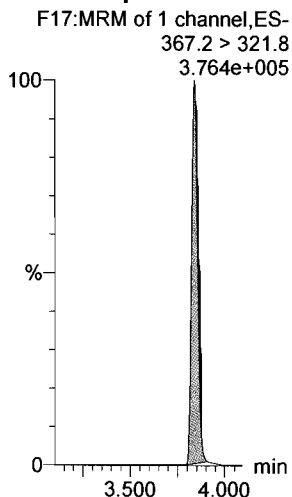
PFNA



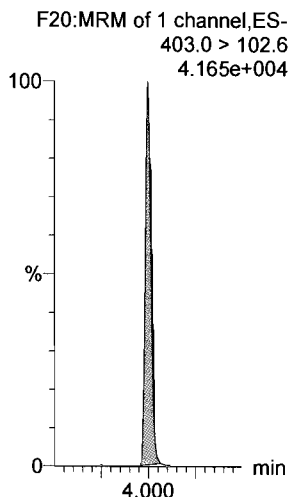
13C2-6:2 FTS



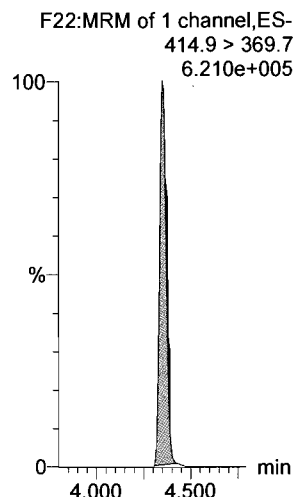
13C4-PFHpA



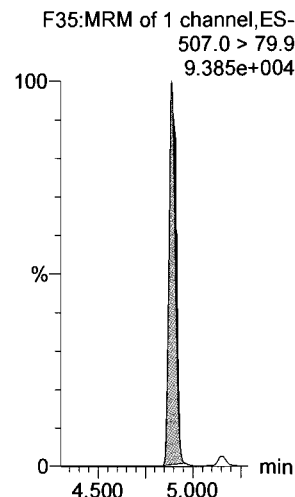
18O2-PFHxS



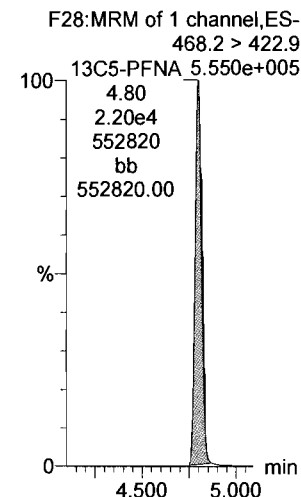
13C2-PFOA



13C8-PFOS



13C5-PFNA

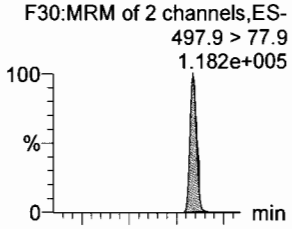


Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-13.qld

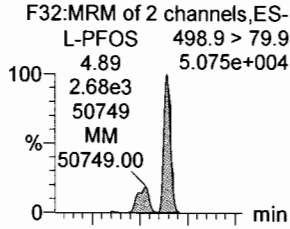
Last Altered: Thursday, October 18, 2018 13:23:56 Pacific Daylight Time
Printed: Thursday, October 18, 2018 13:24:10 Pacific Daylight Time

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

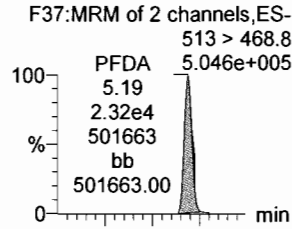
PFOSA



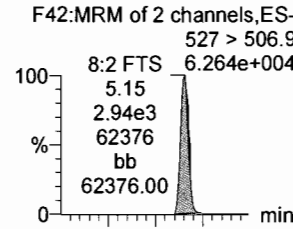
L-PFOS



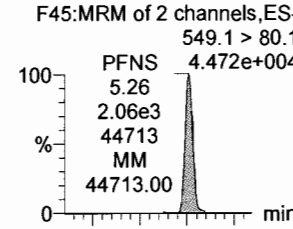
PFDA



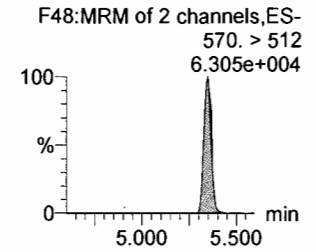
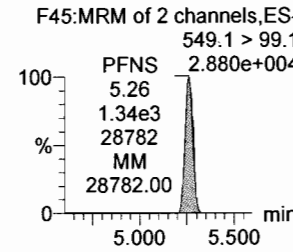
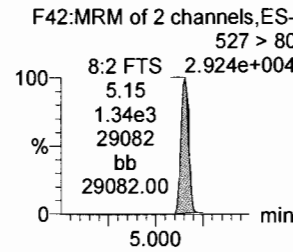
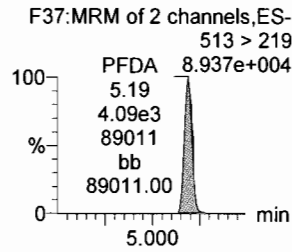
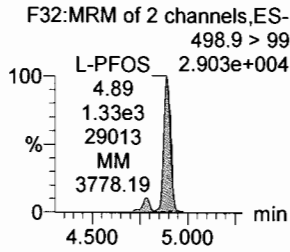
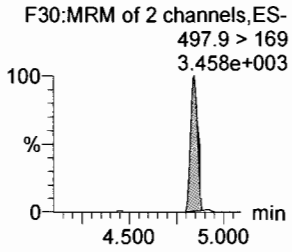
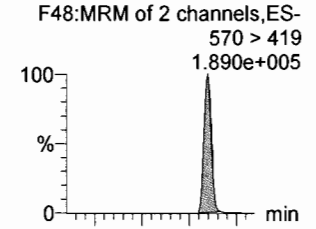
8:2 FTS



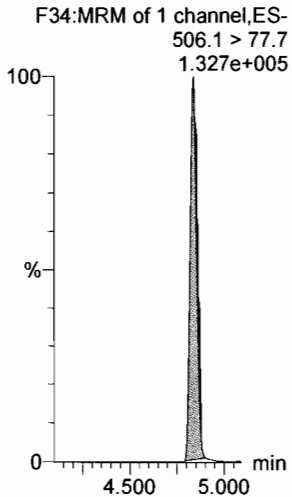
PFNS



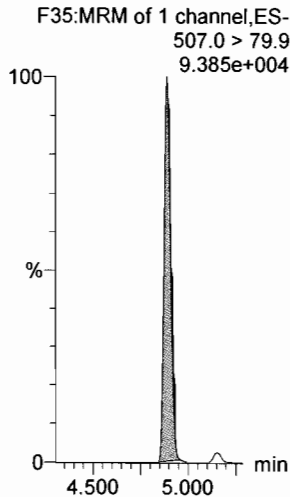
L-MeFOSAA



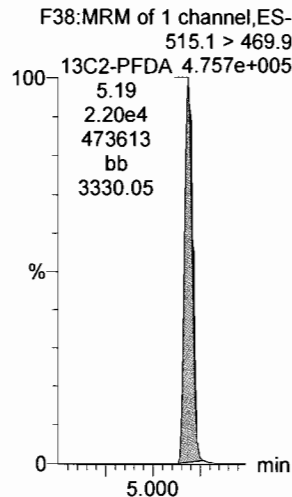
13C8-PFOSA



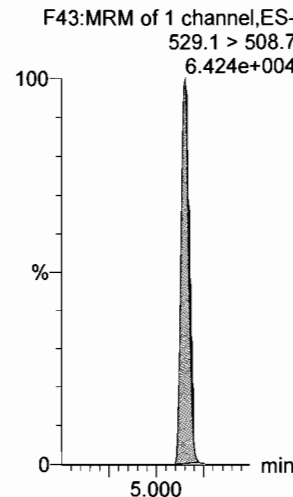
13C8-PFOS



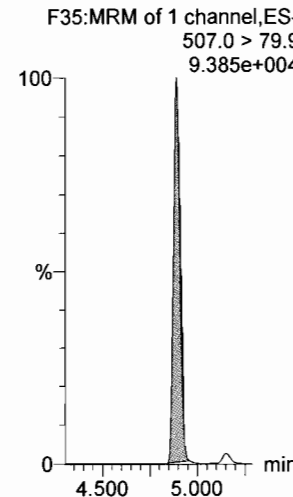
13C2-PFDA



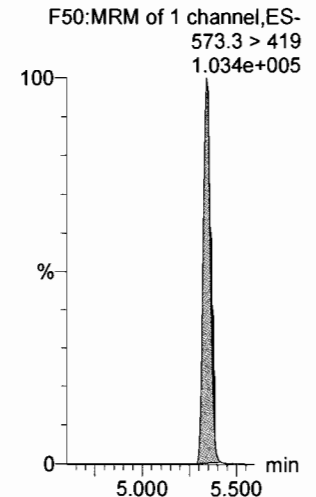
13C2-8:2 FTS



13C8-PFOS



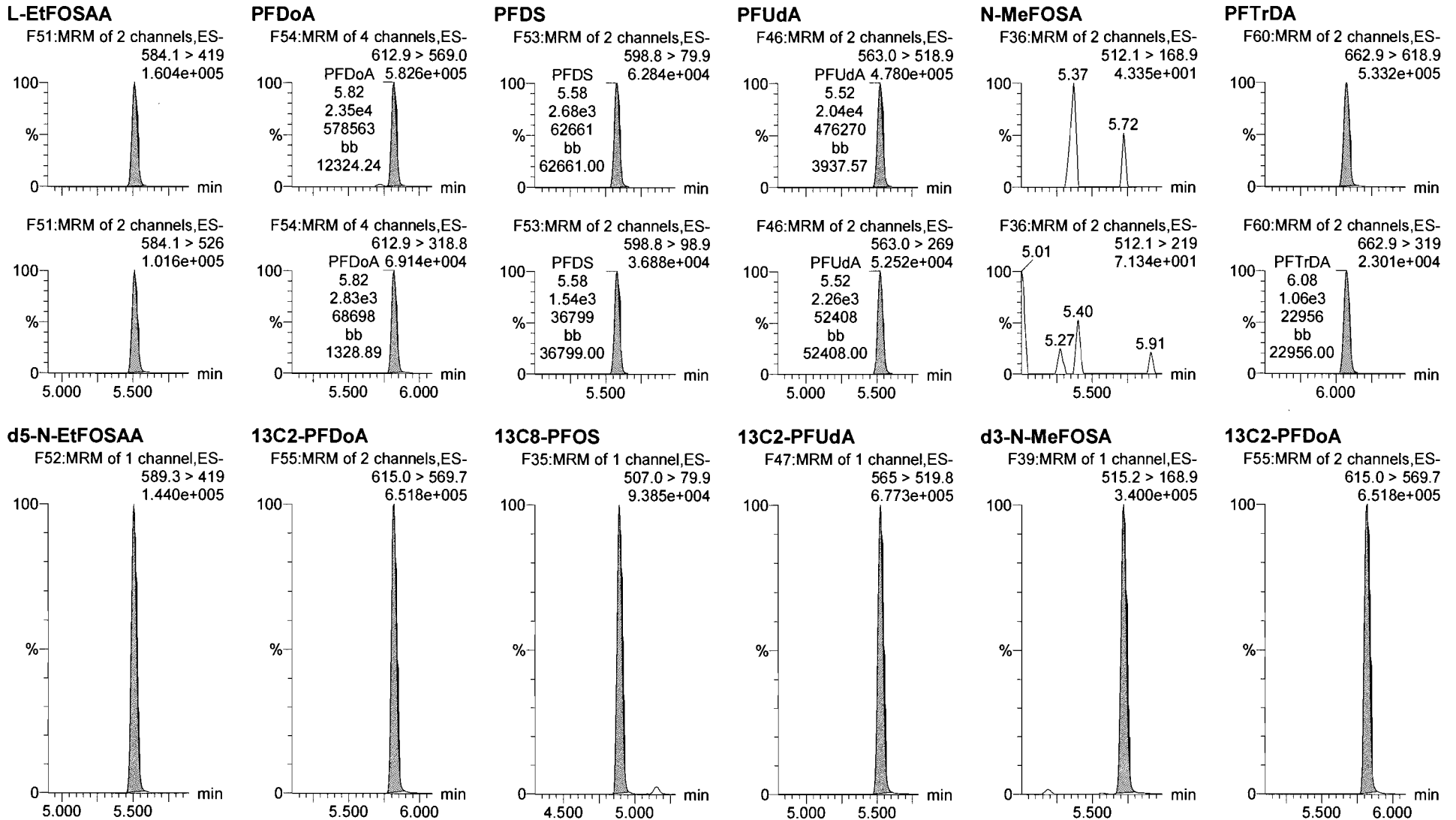
d3-N-MeFOSAA



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-13.qld

Last Altered: Thursday, October 18, 2018 13:23:56 Pacific Daylight Time
Printed: Thursday, October 18, 2018 13:24:10 Pacific Daylight Time

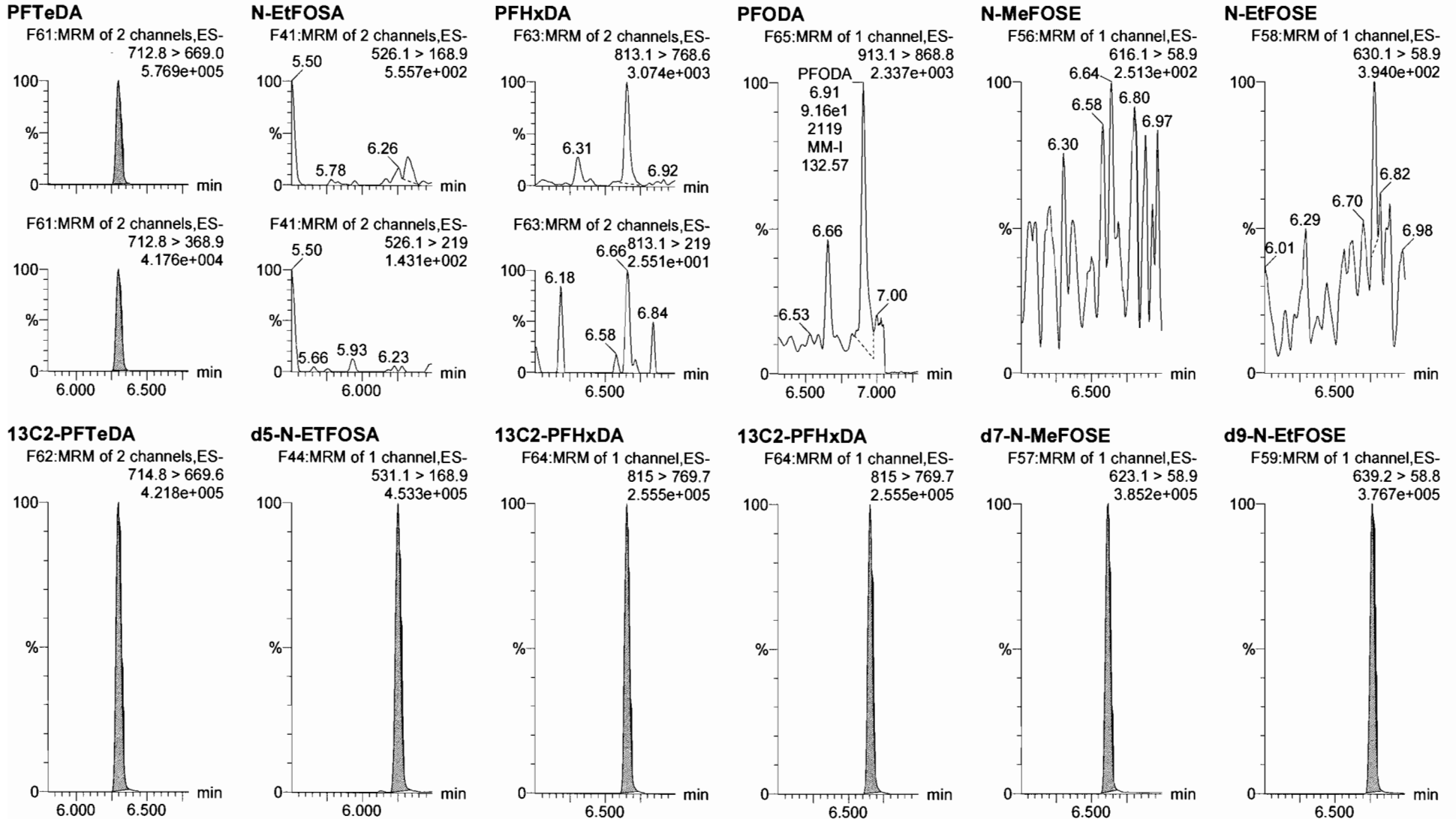
Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-13.qld

Last Altered: Thursday, October 18, 2018 13:23:56 Pacific Daylight Time
Printed: Thursday, October 18, 2018 13:24:10 Pacific Daylight Time

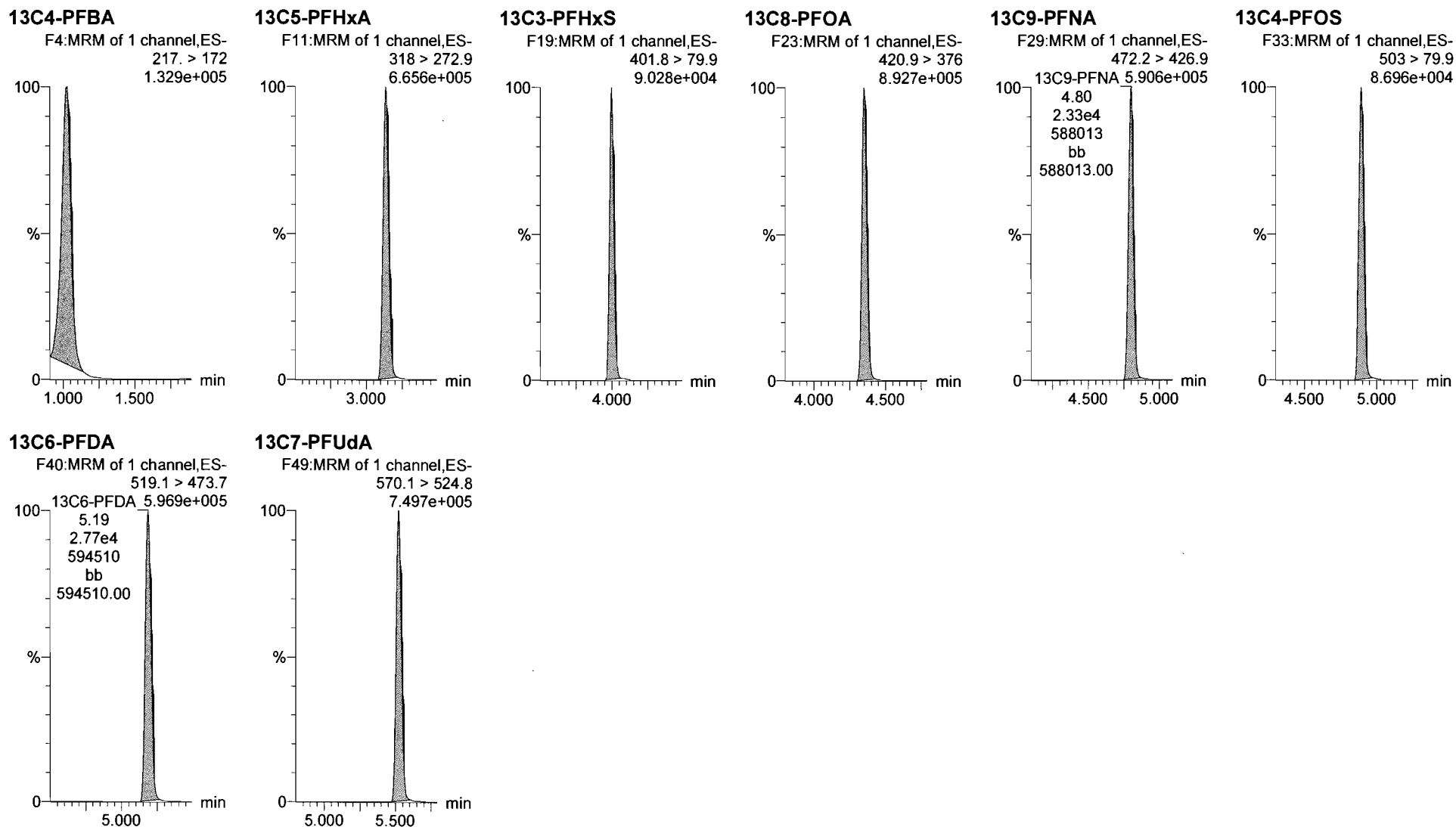
Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811



Dataset: Z:\Projects\PFAS.PRO\Results\181017M1\181017M1-13.qld

Last Altered: Thursday, October 18, 2018 13:23:56 Pacific Daylight Time
Printed: Thursday, October 18, 2018 13:24:10 Pacific Daylight Time

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101718.mdb 18 Oct 2018 11:39:10

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 11:51:35

Name: 181017M1_1, Date: 17-Oct-2018, Time: 12:07:22, ID: IPA, Description: IPA

PFBA

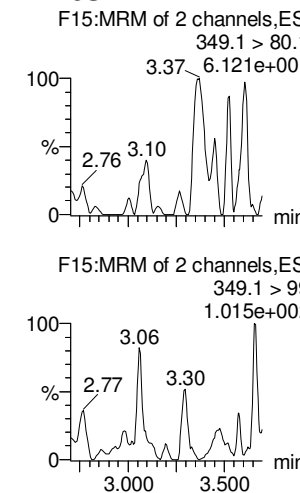
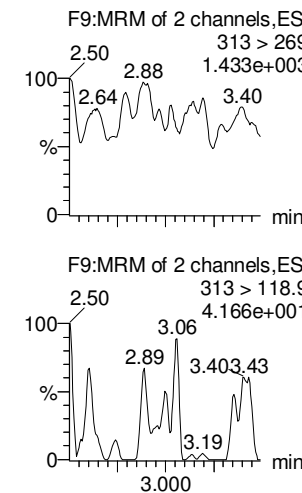
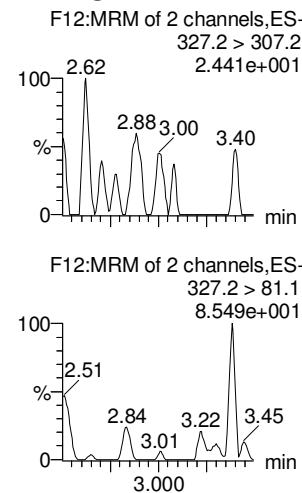
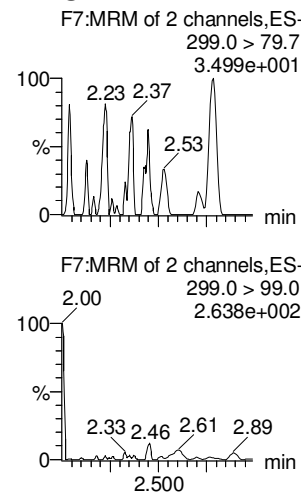
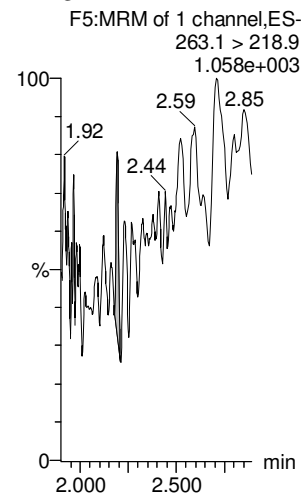
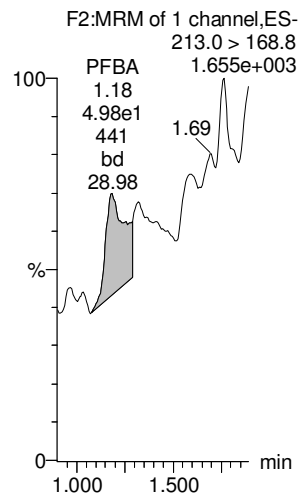
PFPeA

PFBS

4:2 FTS

PFHxA

PFPeS



13C3-PFBA

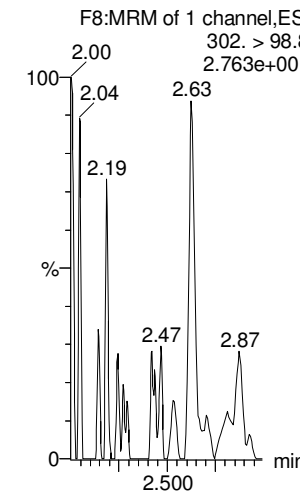
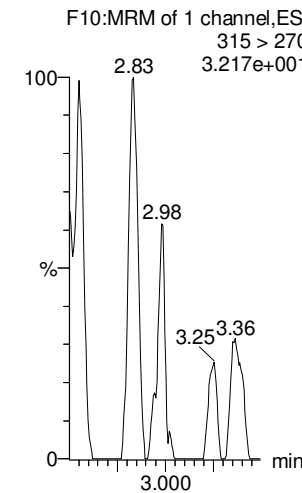
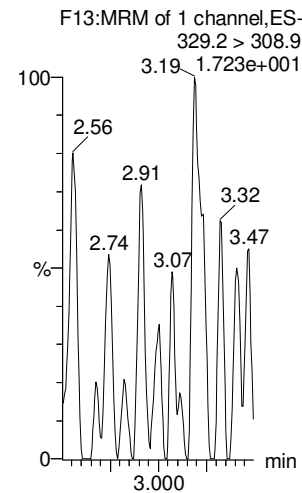
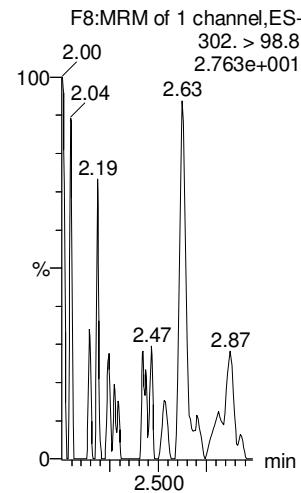
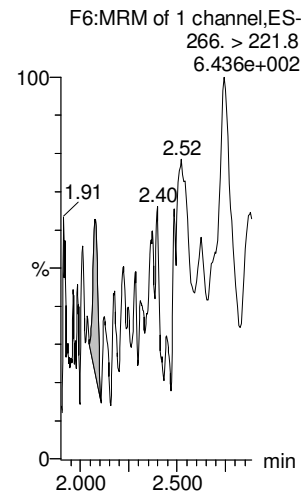
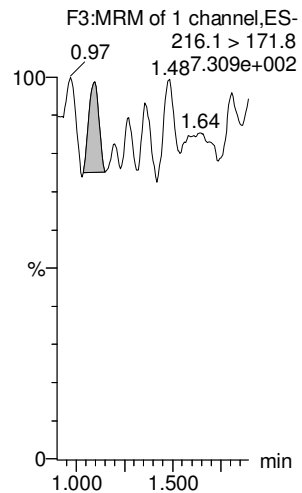
13C3-PFPeA

13C3-PFBS

13C2-4:2 FTS

13C2-PFHxA

13C3-PFBS



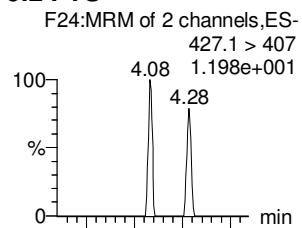
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

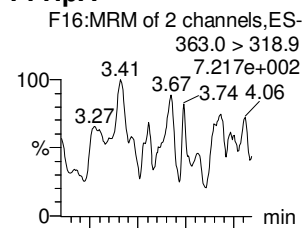
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_1, Date: 17-Oct-2018, Time: 12:07:22, ID: IPA, Description: IPA

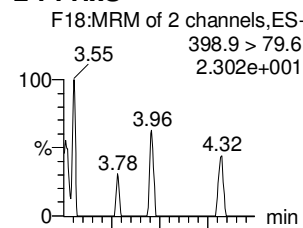
6:2 FTS



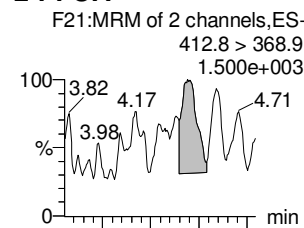
PFHpA



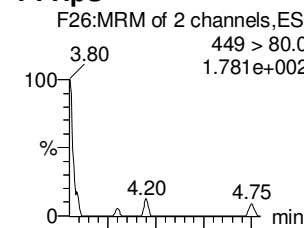
L-PFHxS



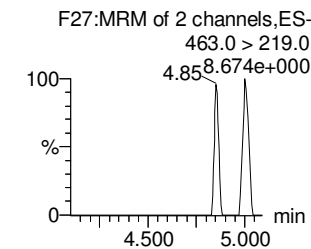
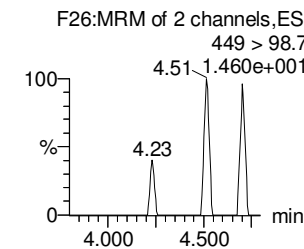
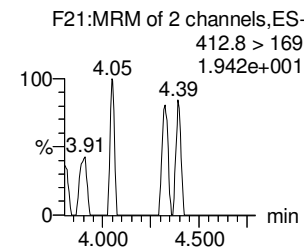
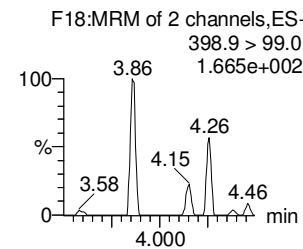
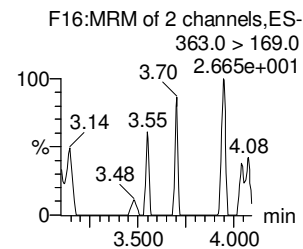
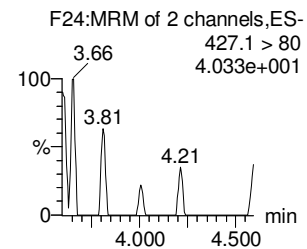
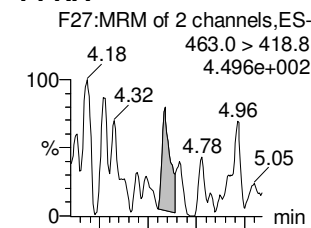
L-PFOA



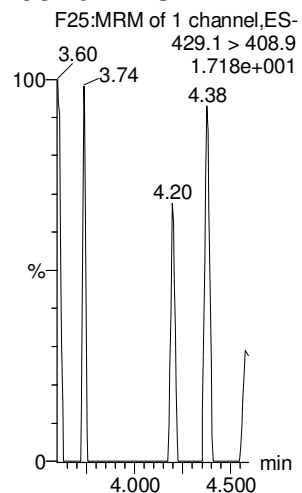
PFHpS



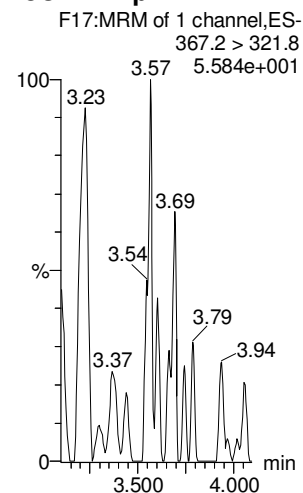
PFNA



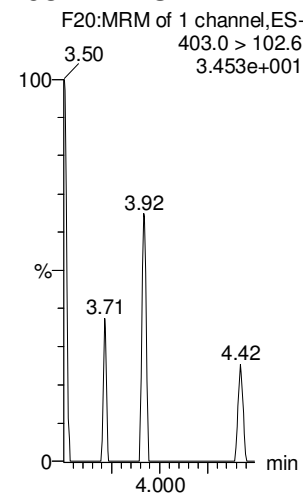
13C2-6:2 FTS



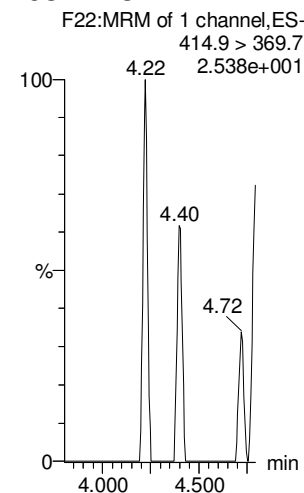
13C4-PFHpA



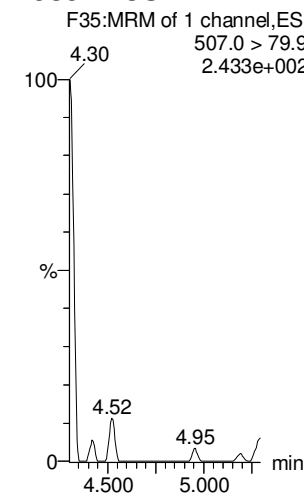
18O2-PFHxS



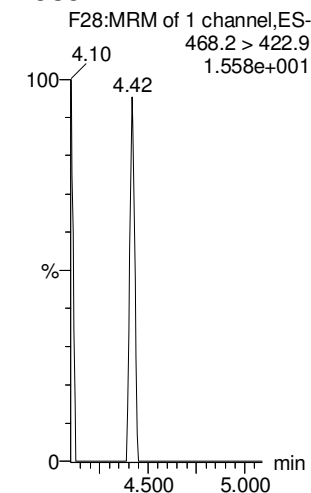
13C2-PFOA



13C8-PFOS



13C5-PFNA



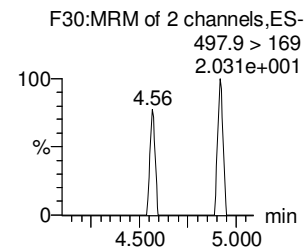
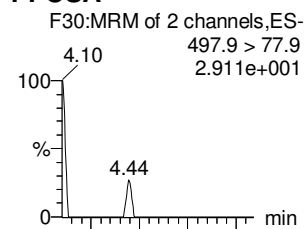
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

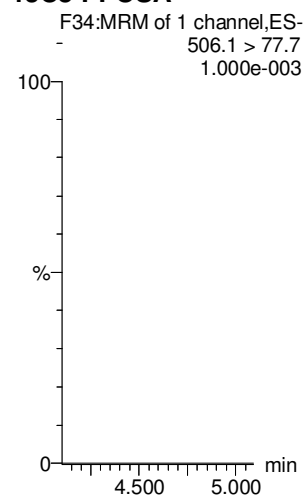
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_1, Date: 17-Oct-2018, Time: 12:07:22, ID: IPA, Description: IPA

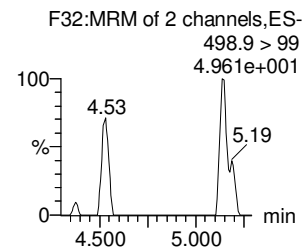
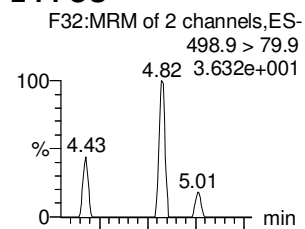
PFOSA



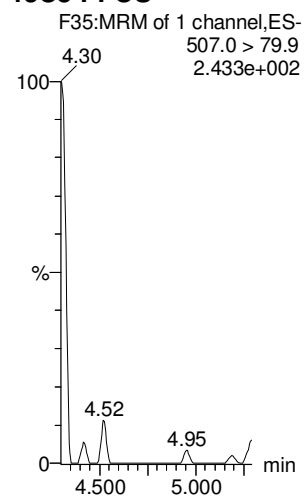
13C8-PFOA



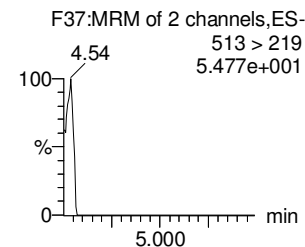
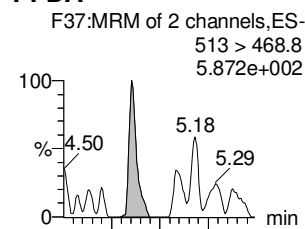
L-PFOS



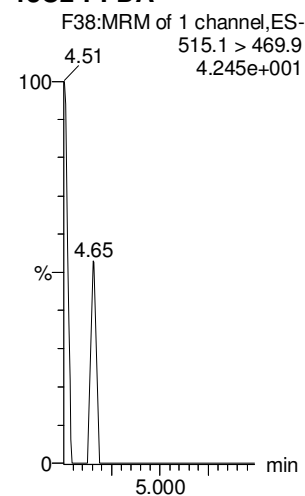
13C8-PFOS



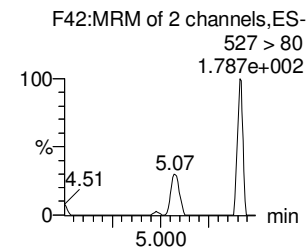
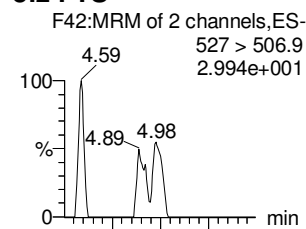
PFDA



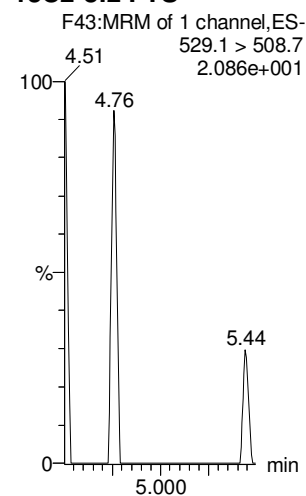
13C2-PFDA



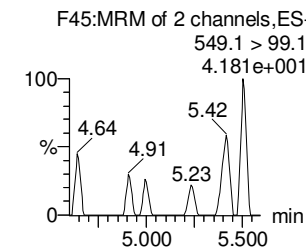
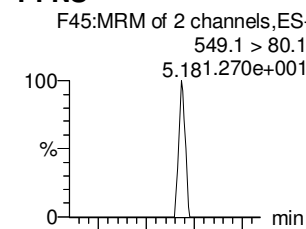
8:2 FTS



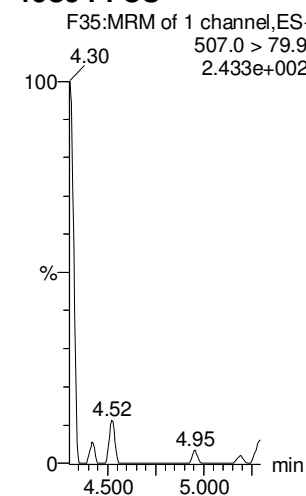
13C2-8:2 FTS



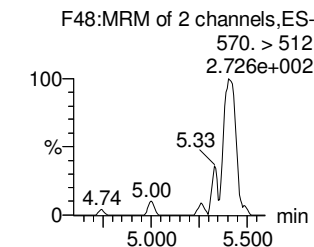
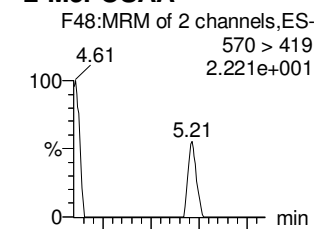
PFNS



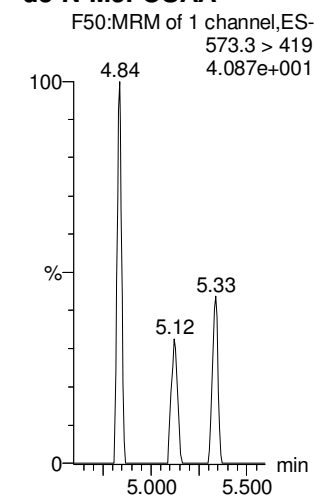
13C8-PFOS



L-MeFOSAA



d3-N-MeFOSAA



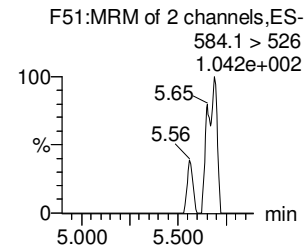
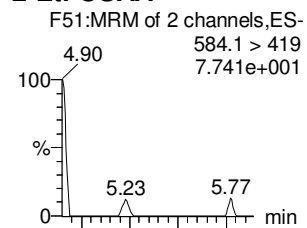
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

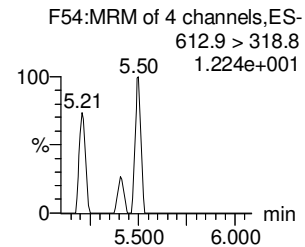
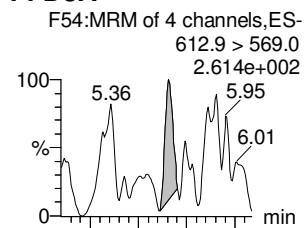
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_1, Date: 17-Oct-2018, Time: 12:07:22, ID: IPA, Description: IPA

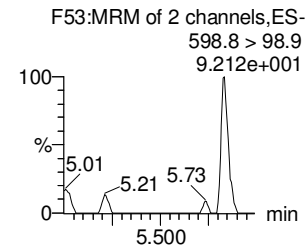
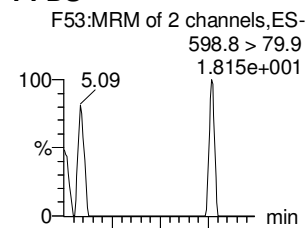
L-EtFOSAA



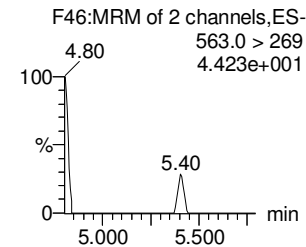
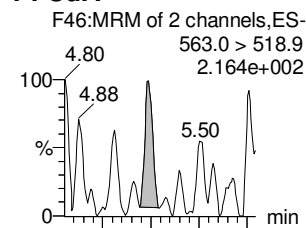
PFDoA



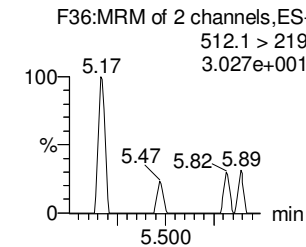
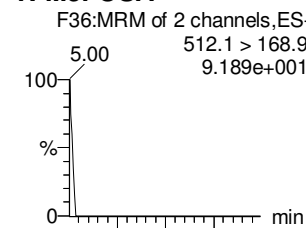
PFDS



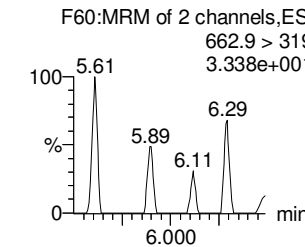
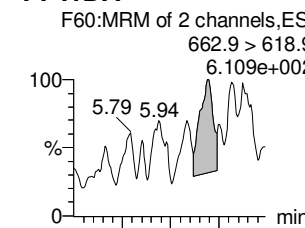
PFUdA



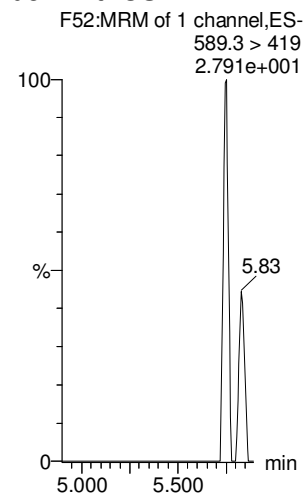
N-MeFOSA



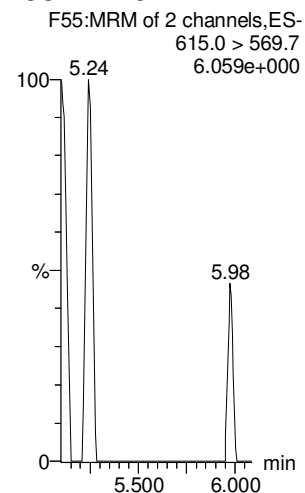
PFTrDA



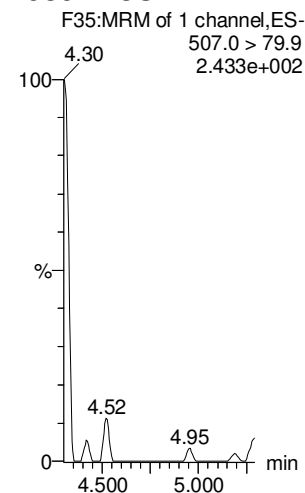
d5-N-EtFOSAA



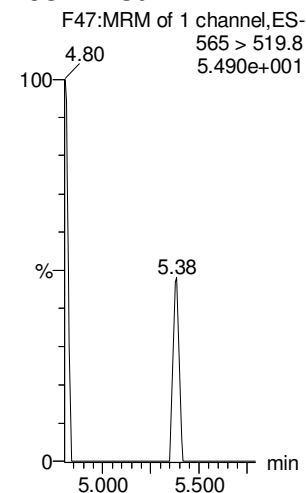
13C2-PFDoA



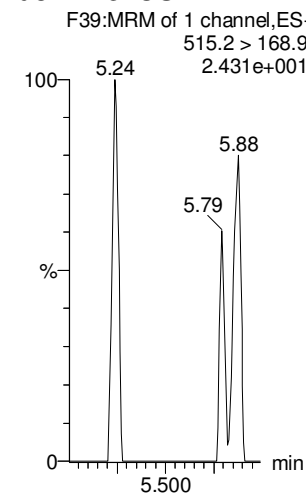
13C8-PFOS



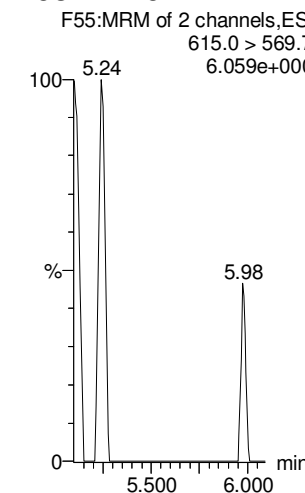
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_1, Date: 17-Oct-2018, Time: 12:07:22, ID: IPA, Description: IPA

PFTeDA

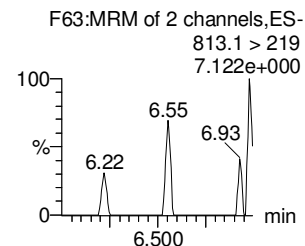
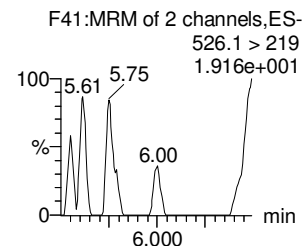
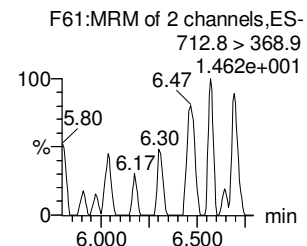
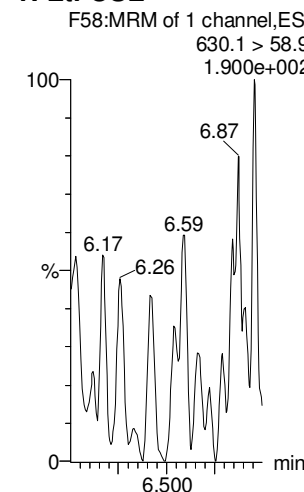
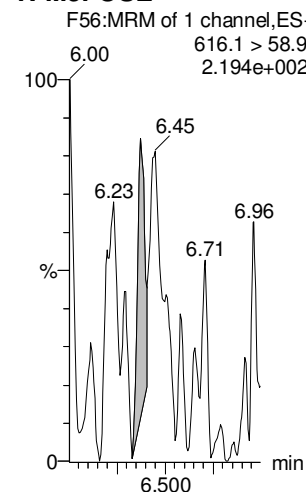
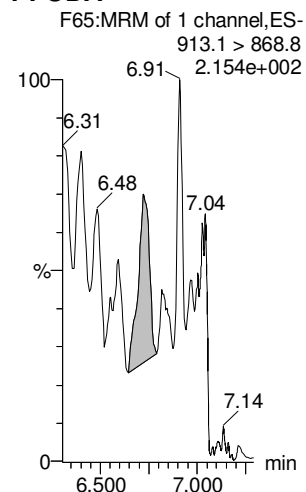
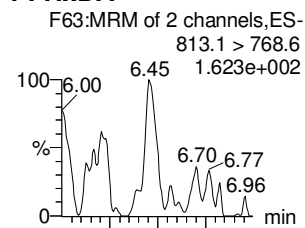
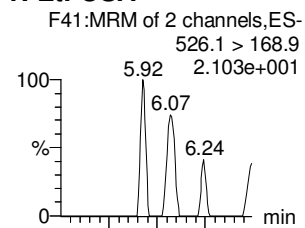
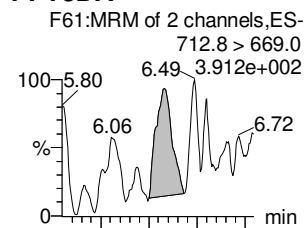
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

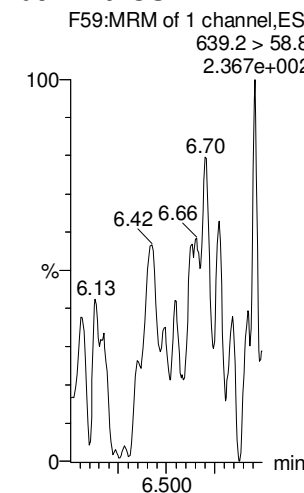
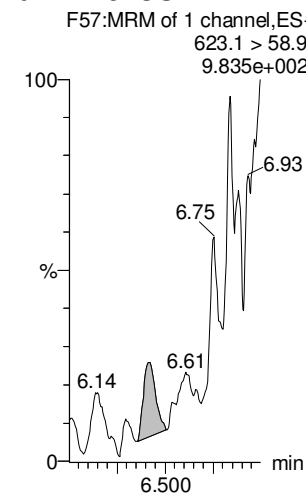
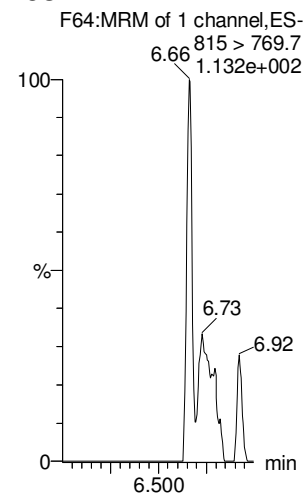
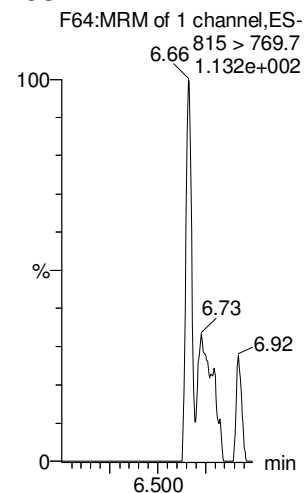
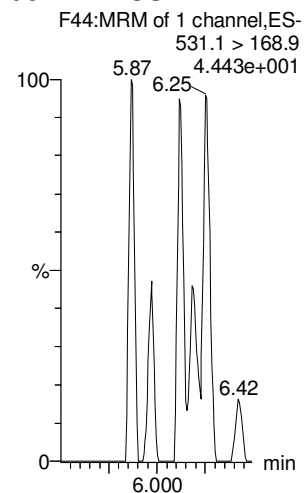
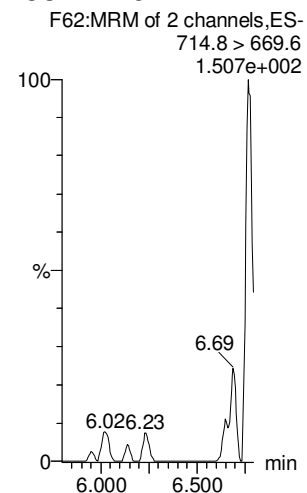
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



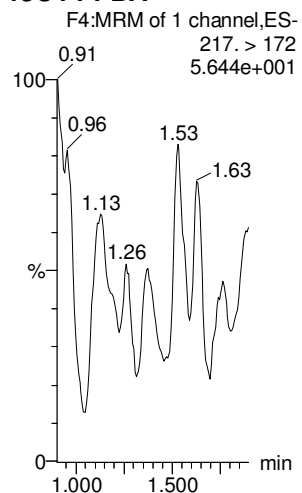
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

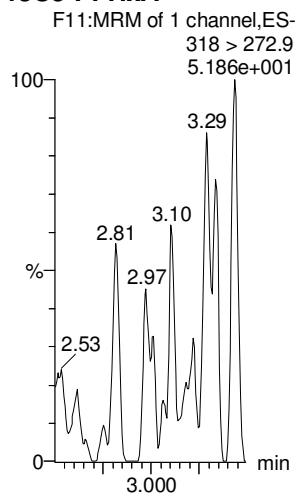
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_1, Date: 17-Oct-2018, Time: 12:07:22, ID: IPA, Description: IPA

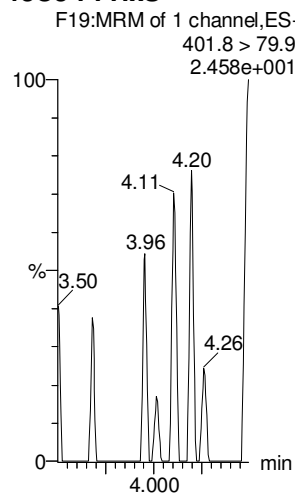
13C4-PFBA



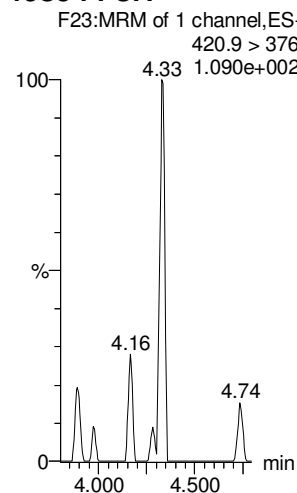
13C5-PFHxA



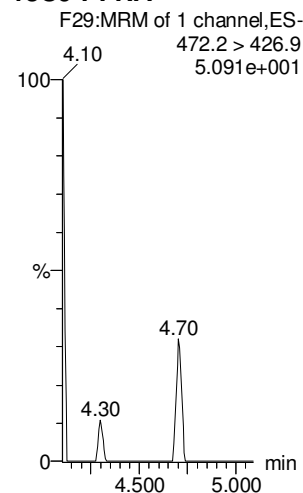
13C3-PFHxS



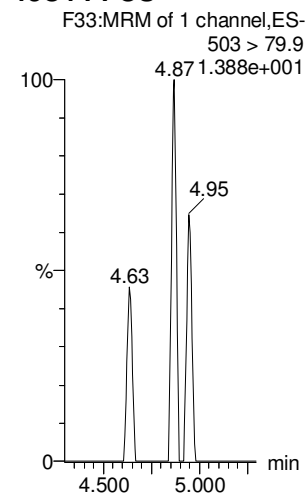
13C8-PFOA



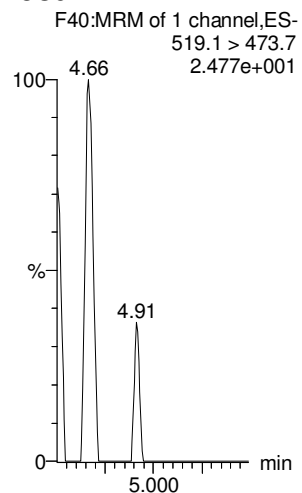
13C9-PFNA



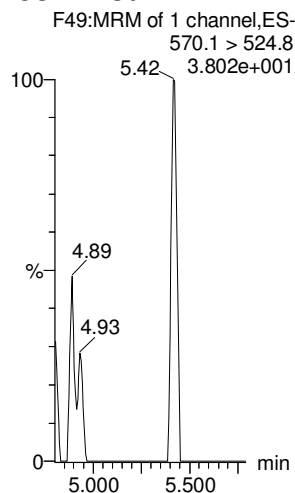
13C4-PFOS



13C6-PFDA



13C7-PFUdA

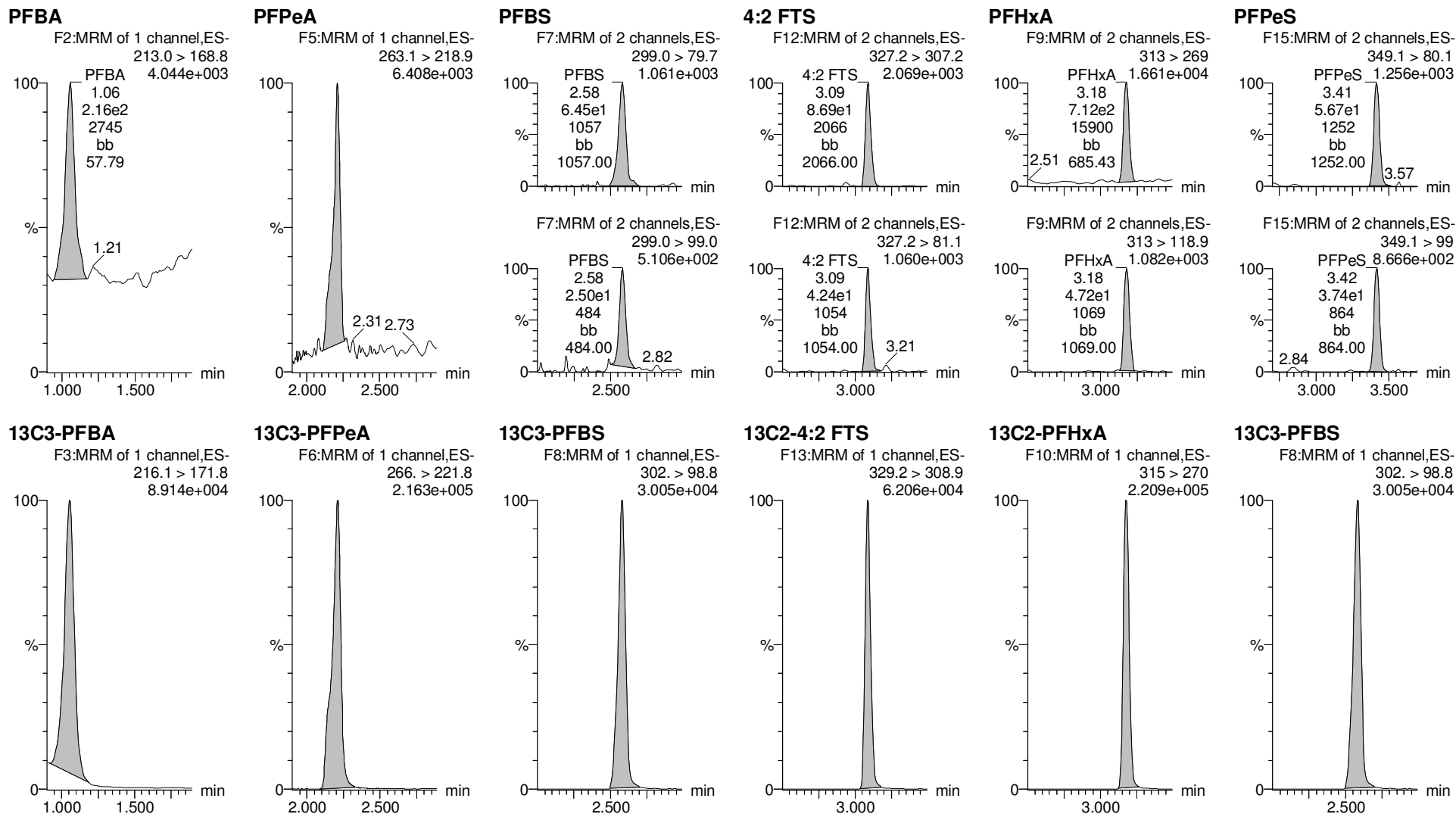


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801

6:2 FTS

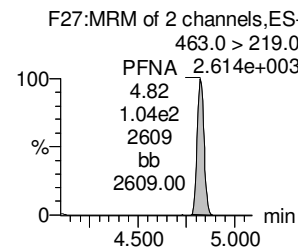
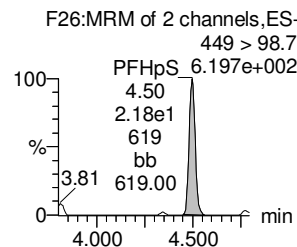
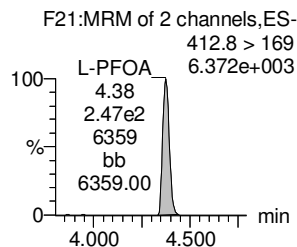
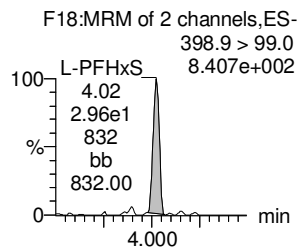
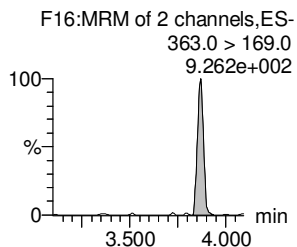
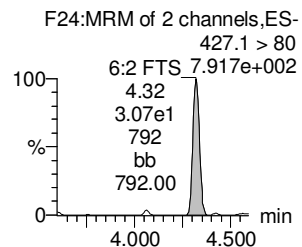
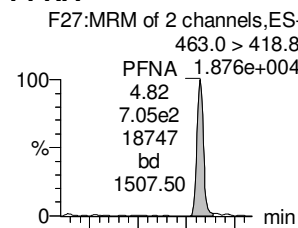
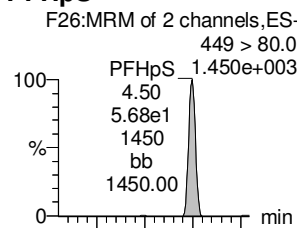
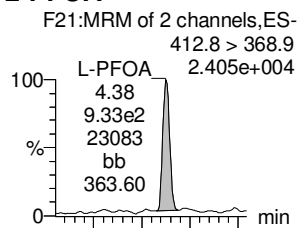
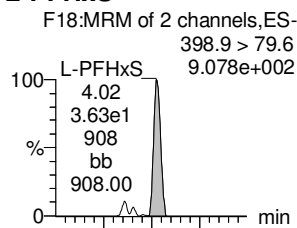
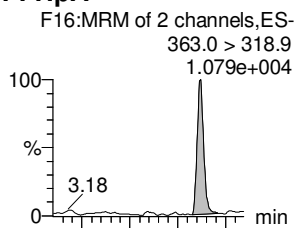
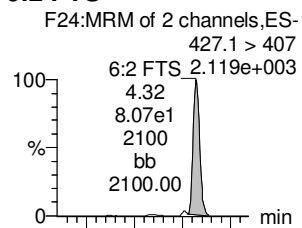
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

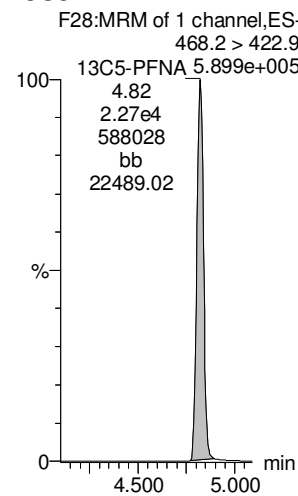
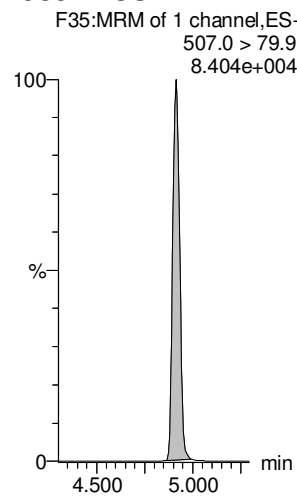
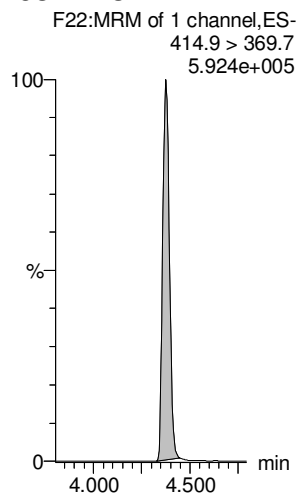
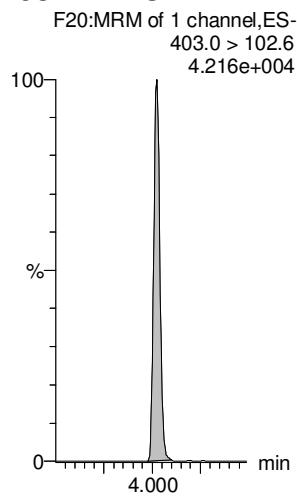
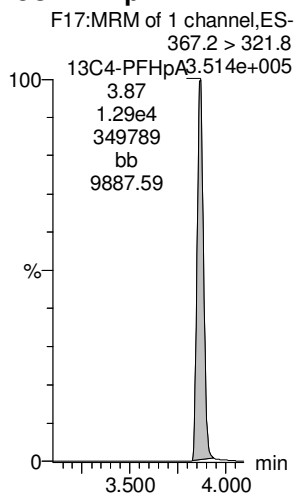
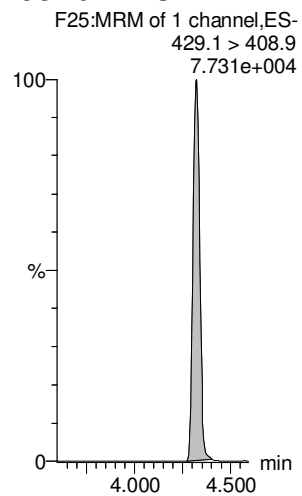
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801

PFOSA

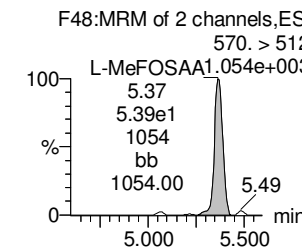
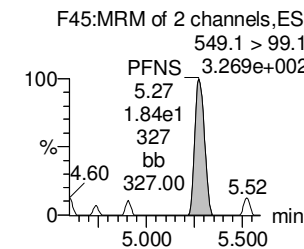
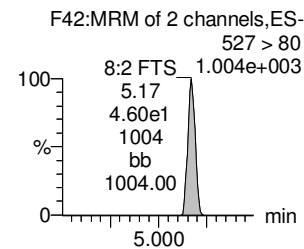
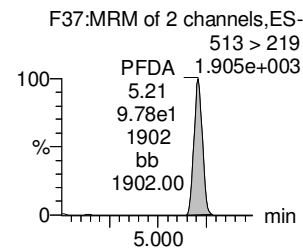
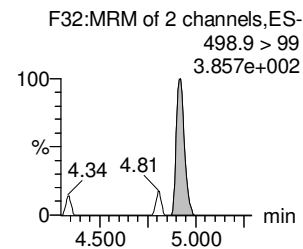
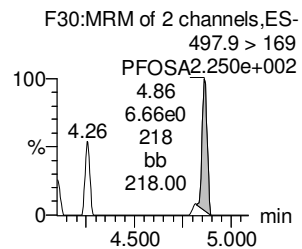
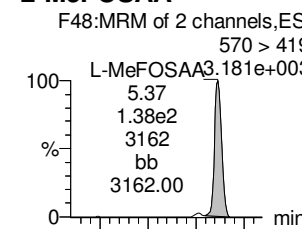
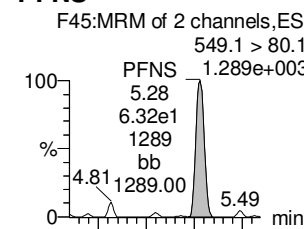
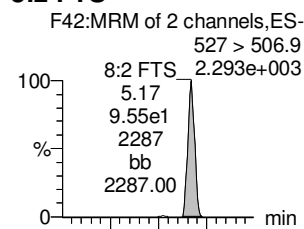
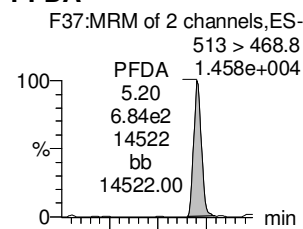
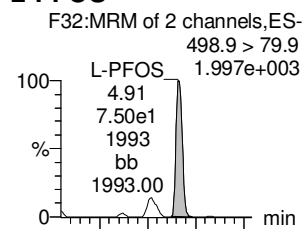
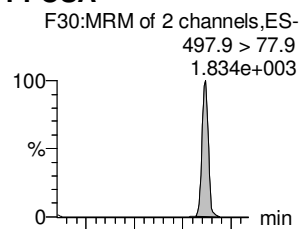
L-PFOS

PFDA

8:2 FTS

PFNS

L-MeFOSAA



13C8-PFOSA

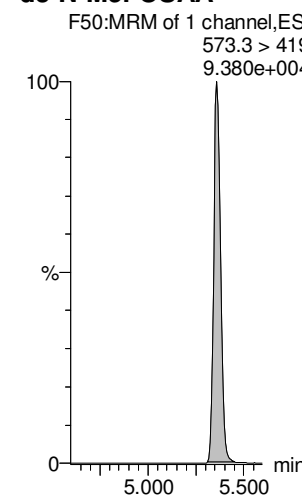
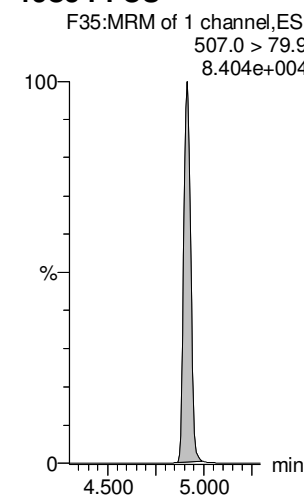
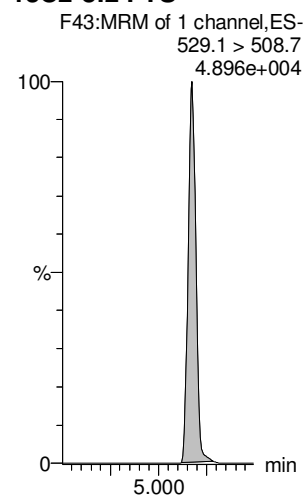
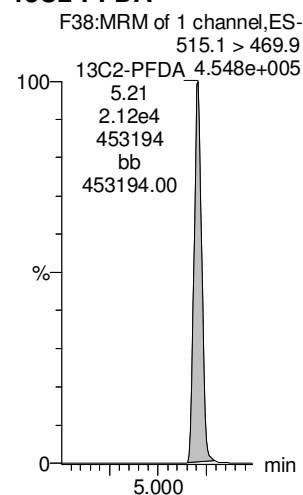
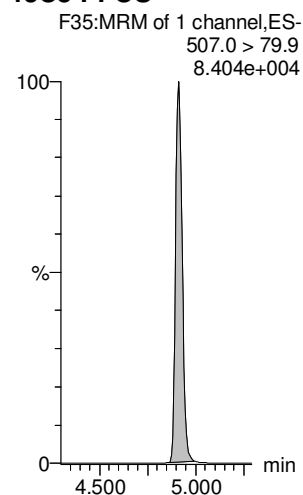
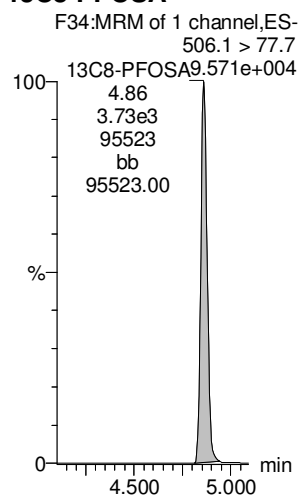
13C8-PFOS

13C2-PFDA

13C2-8:2 FTS

13C8-PFOS

d3-N-MeFOSAA

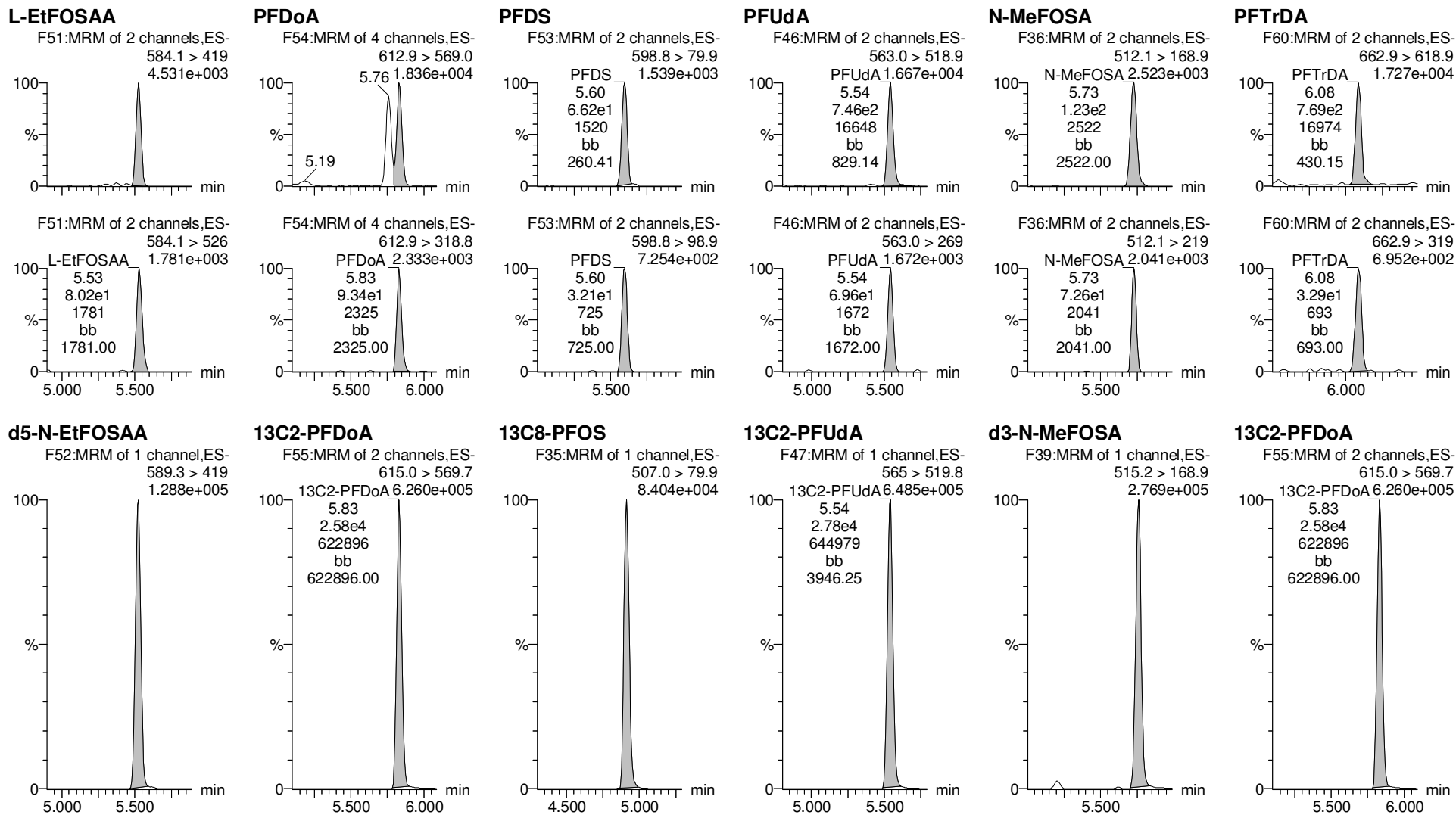


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801



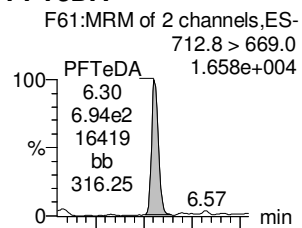
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

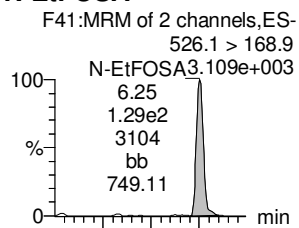
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801

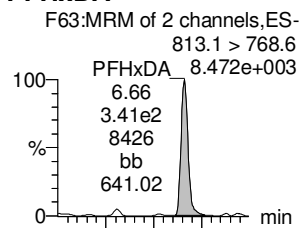
PFTeDA



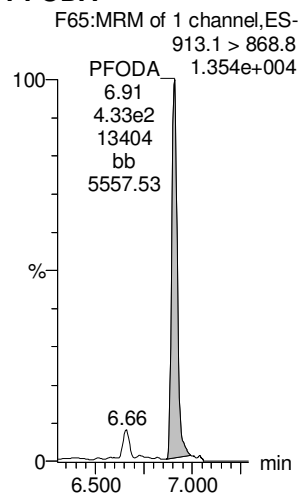
N-EtFOSA



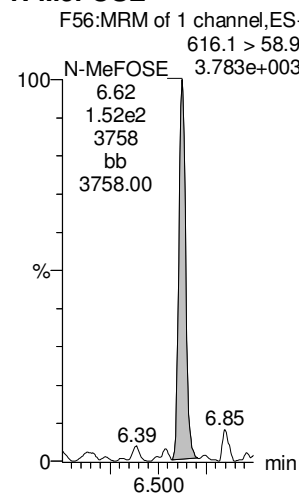
PFHxDA



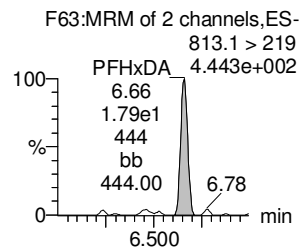
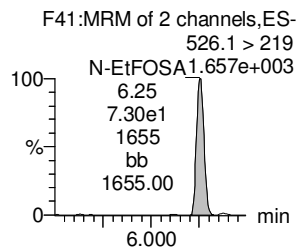
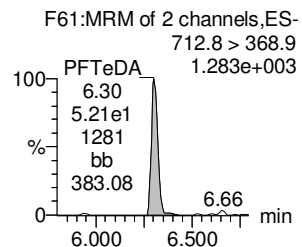
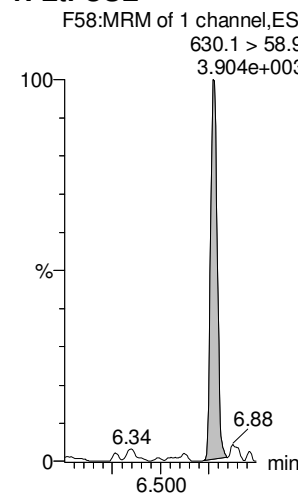
PFODA



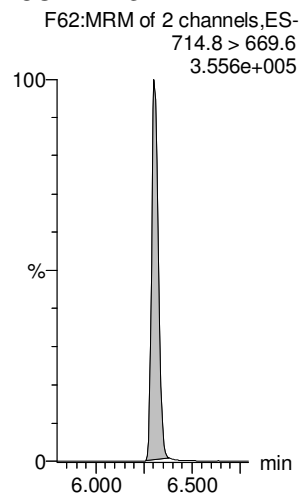
N-MeFOSE



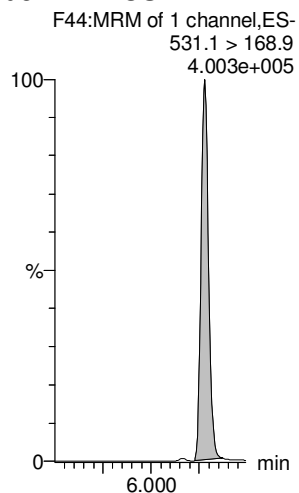
N-EtFOSE



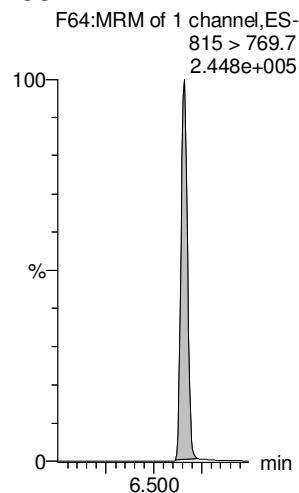
13C2-PFTeDA



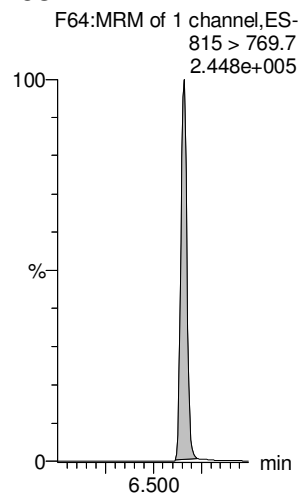
d5-N-ETFOSA



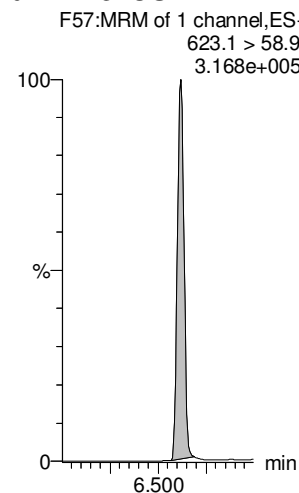
13C2-PFHxDA



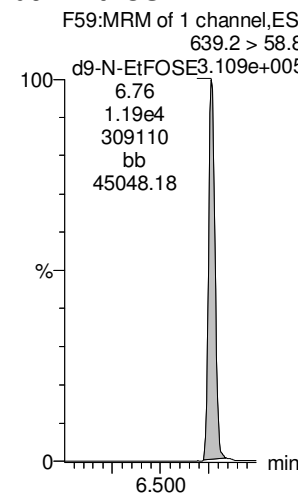
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



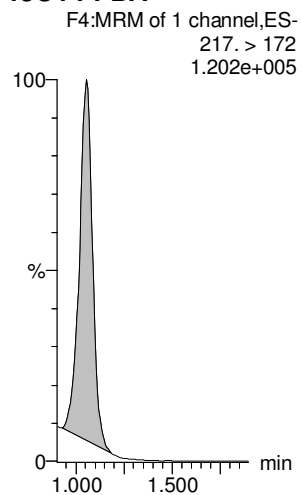
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

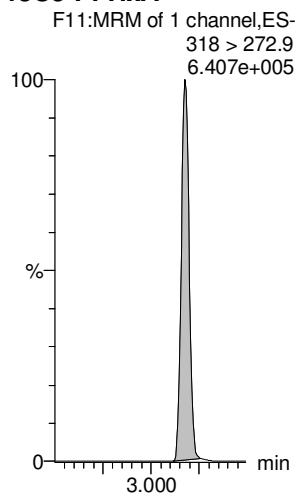
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_2, Date: 17-Oct-2018, Time: 12:17:56, ID: ST181017M1-1 PFC CS-2 18J0801, Description: PFC CS-2 18J0801

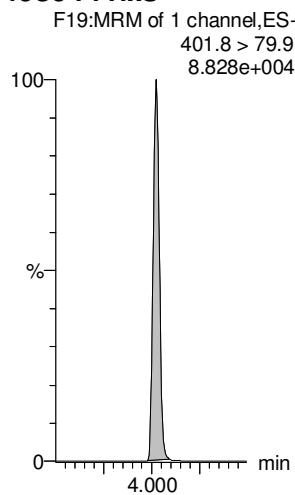
13C4-PFBA



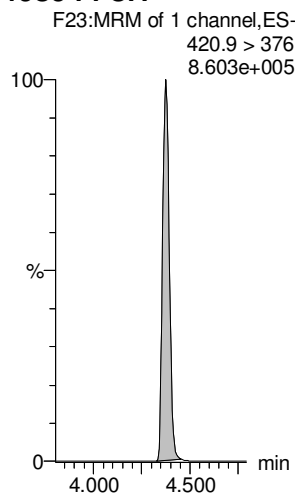
13C5-PFHxA



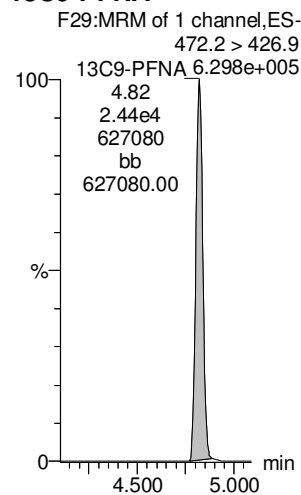
13C3-PFHxS



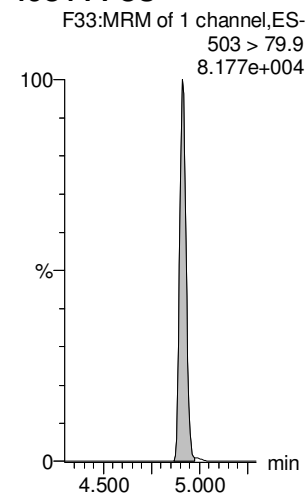
13C8-PFOA



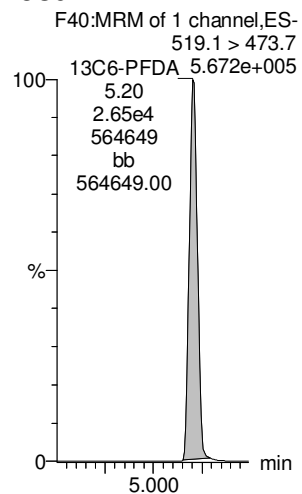
13C9-PFNA



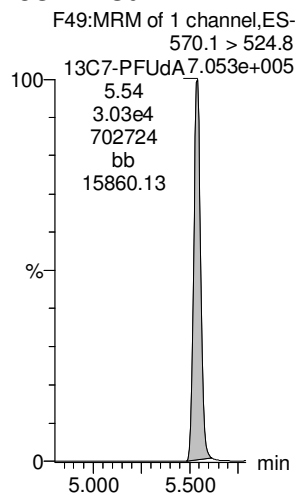
13C4-PFOS



13C6-PFDA



13C7-PFUdA

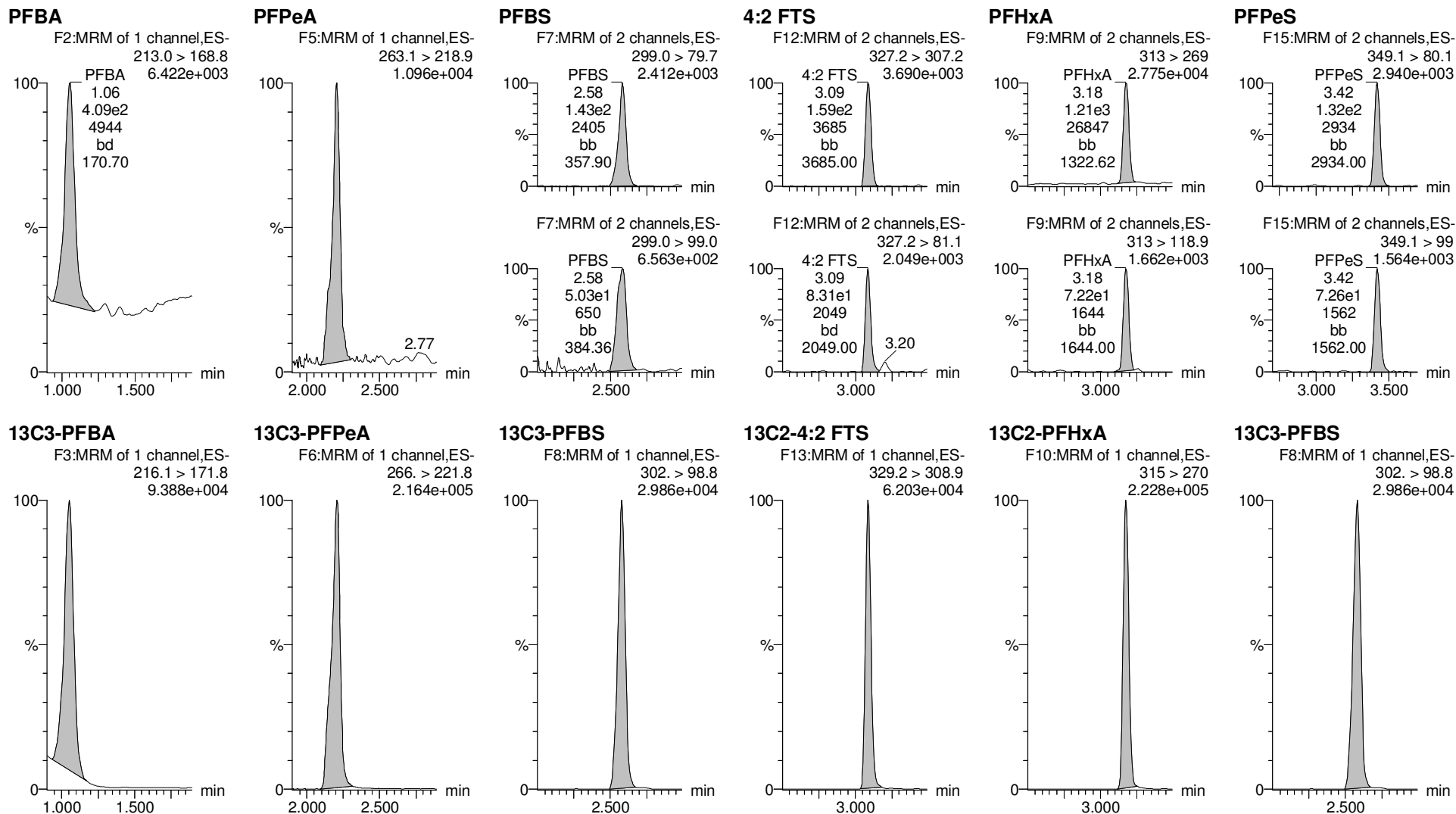


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_3, Date: 17-Oct-2018, Time: 12:28:34, ID: ST181017M1-2 PFC CS-1 18J0802, Description: PFC CS-1 18J0802



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_3, Date: 17-Oct-2018, Time: 12:28:34, ID: ST181017M1-2 PFC CS-1 18J0802, Description: PFC CS-1 18J0802

6:2 FTS

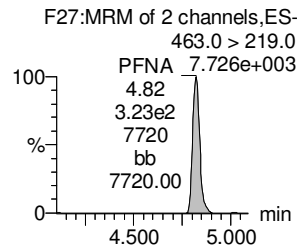
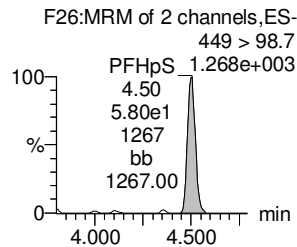
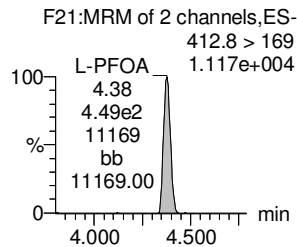
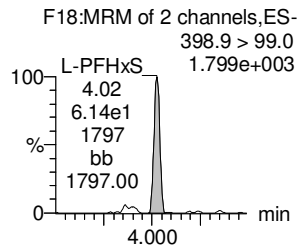
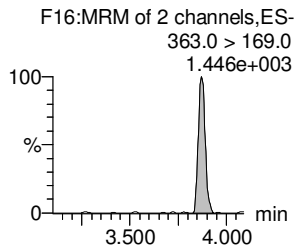
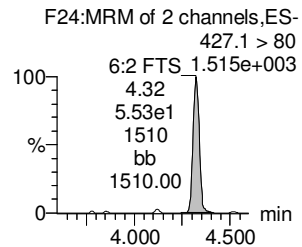
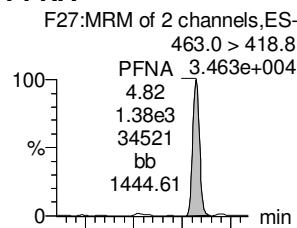
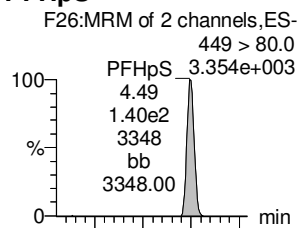
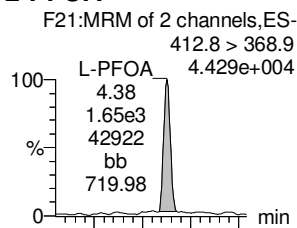
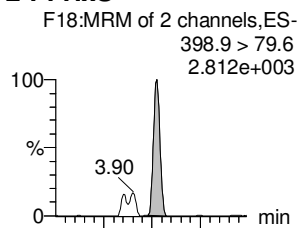
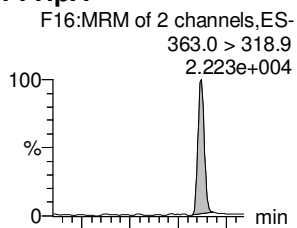
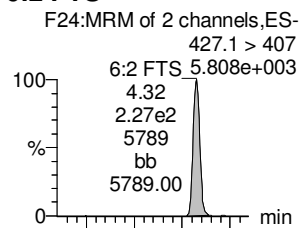
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

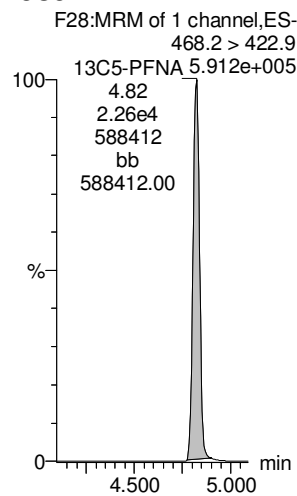
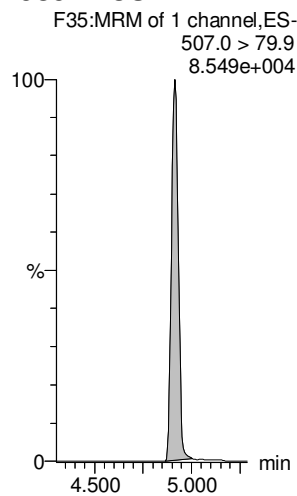
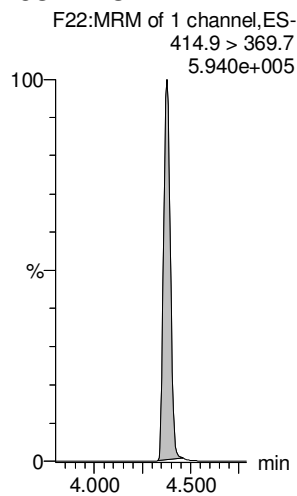
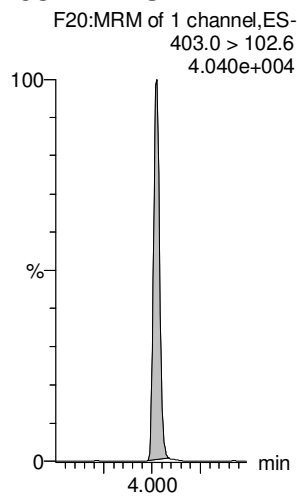
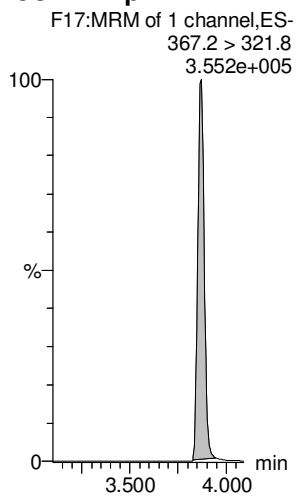
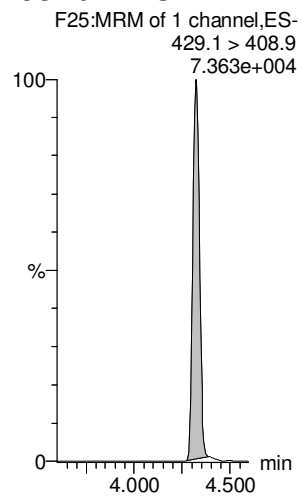
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



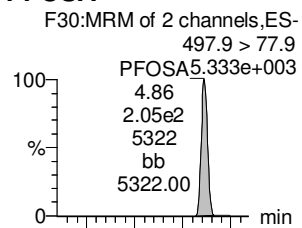
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

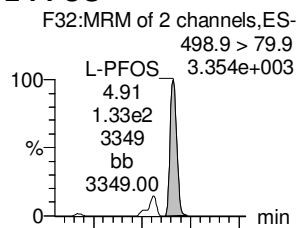
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_3, Date: 17-Oct-2018, Time: 12:28:34, ID: ST181017M1-2 PFC CS-1 18J0802, Description: PFC CS-1 18J0802

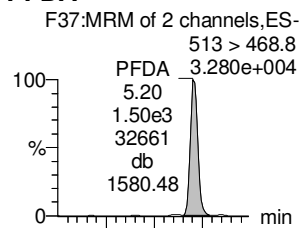
PFOSA



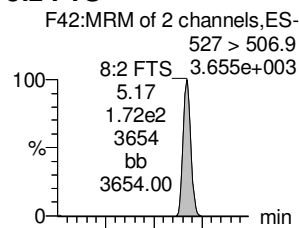
L-PFOS



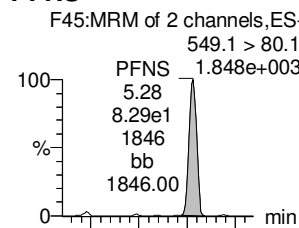
PFDA



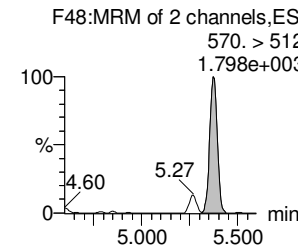
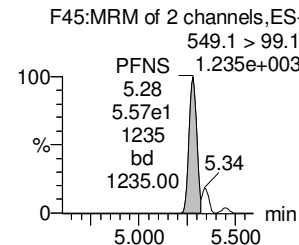
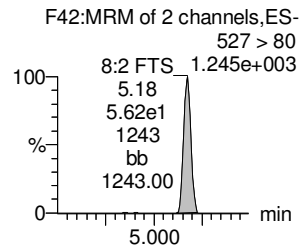
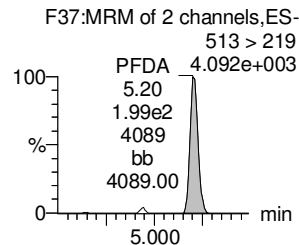
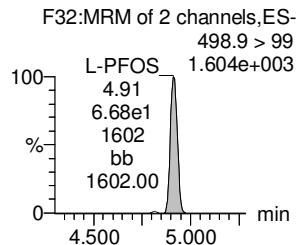
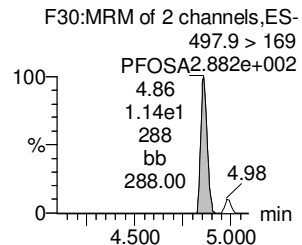
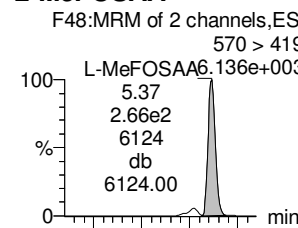
8:2 FTS



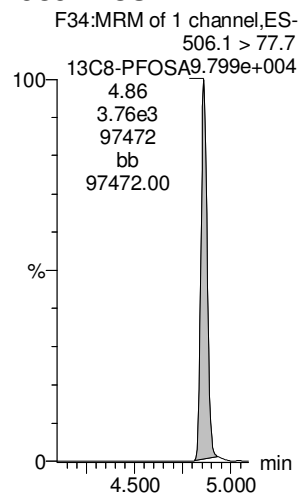
PFNS



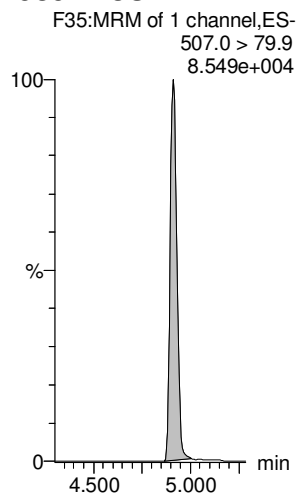
L-MeFOSAA



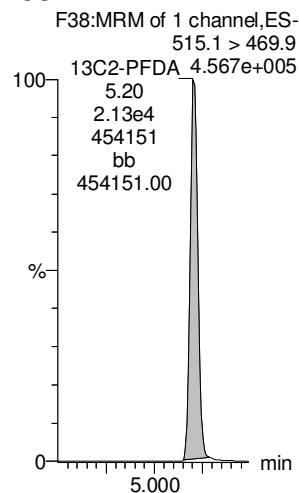
13C8-PFOSA



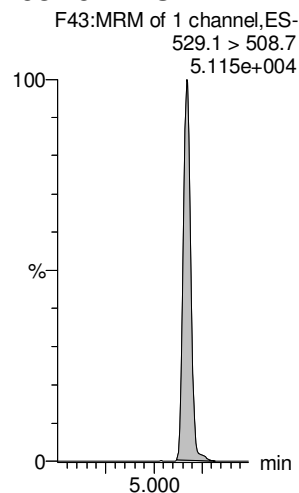
13C8-PFOS



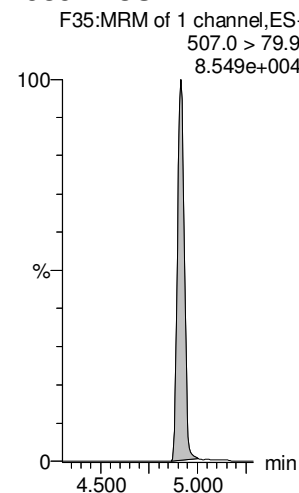
13C2-PFDA



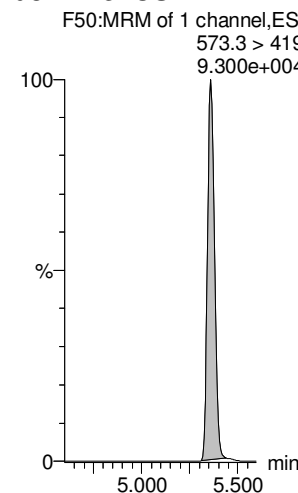
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

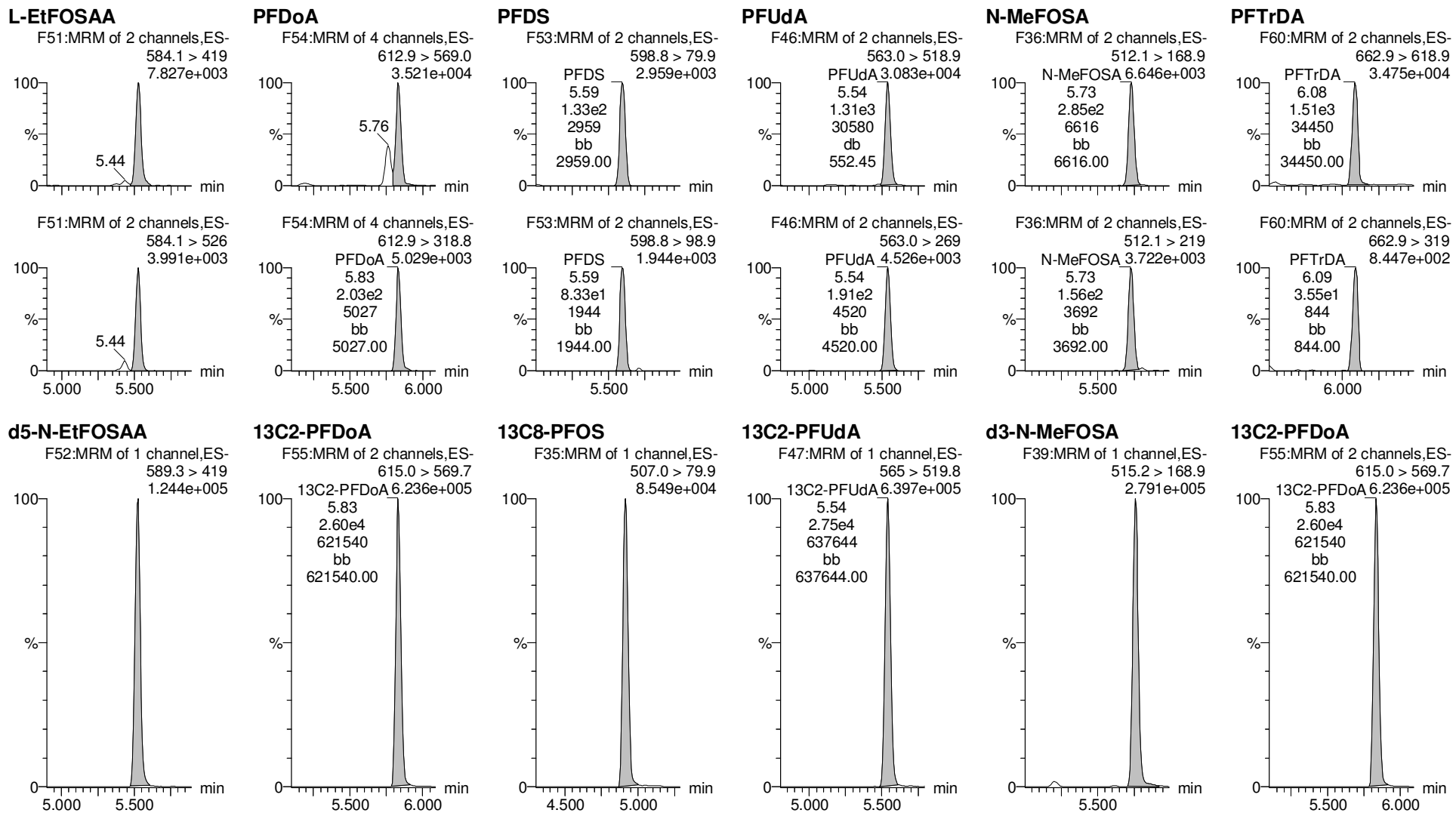


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_3, Date: 17-Oct-2018, Time: 12:28:34, ID: ST181017M1-2 PFC CS-1 18J0802, Description: PFC CS-1 18J0802



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_3, Date: 17-Oct-2018, Time: 12:28:34, ID: ST181017M1-2 PFC CS-1 18J0802, Description: PFC CS-1 18J0802

PFTeDA

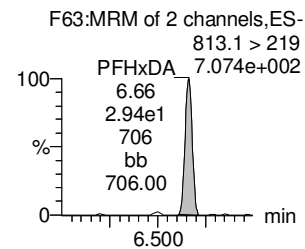
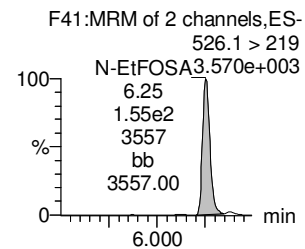
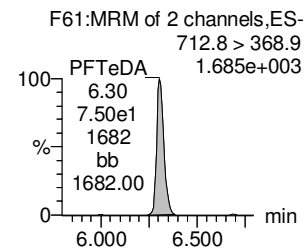
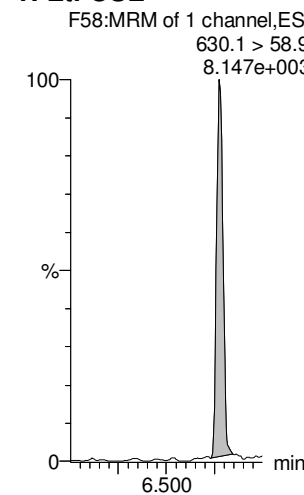
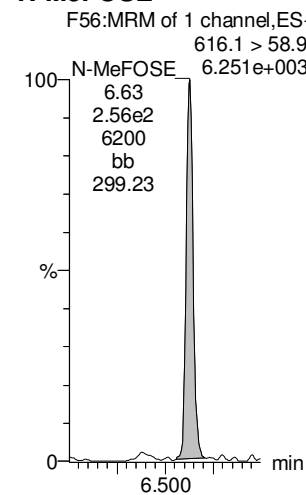
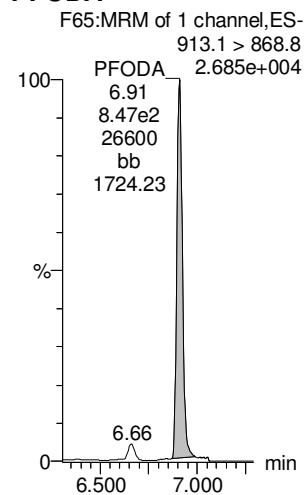
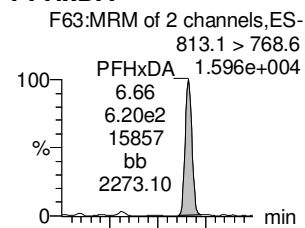
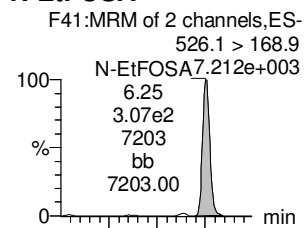
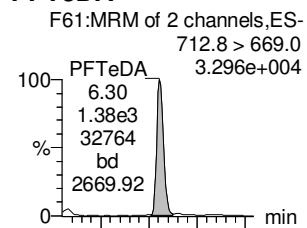
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

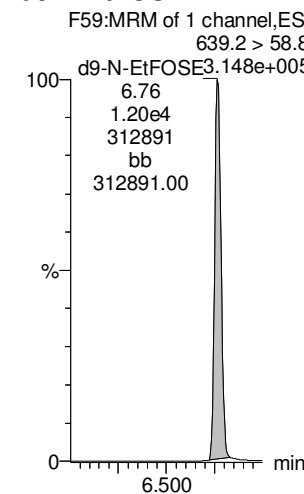
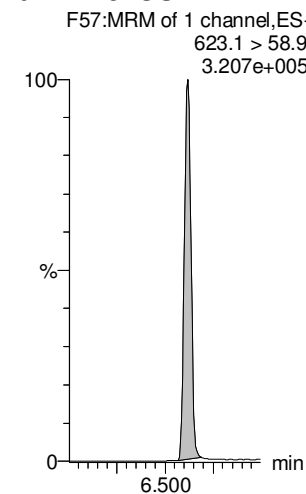
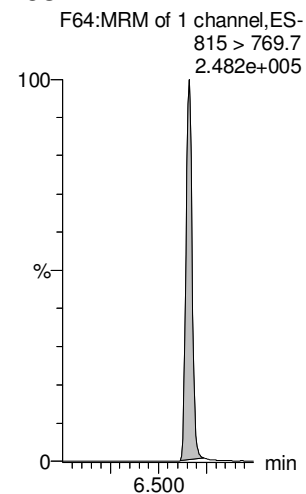
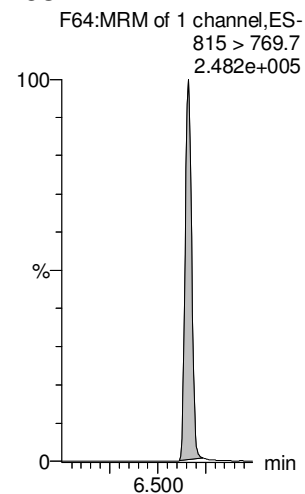
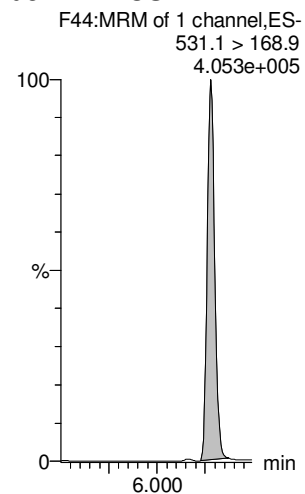
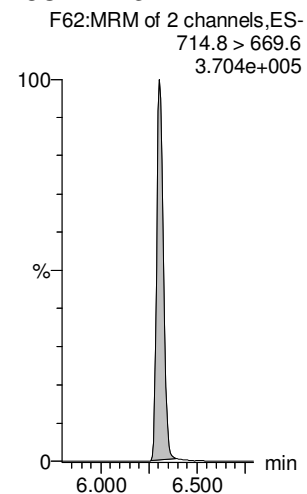
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



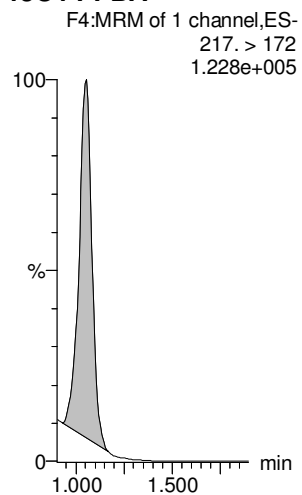
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

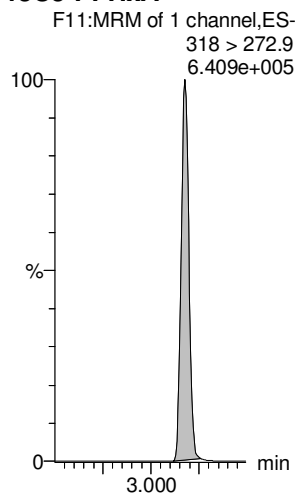
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_3, Date: 17-Oct-2018, Time: 12:28:34, ID: ST181017M1-2 PFC CS-1 18J0802, Description: PFC CS-1 18J0802

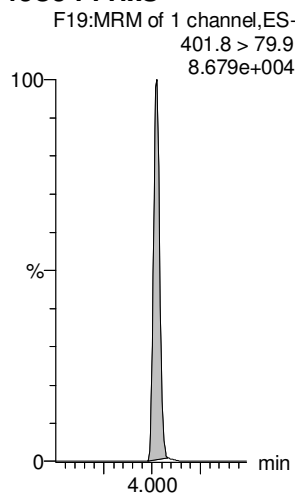
13C4-PFBA



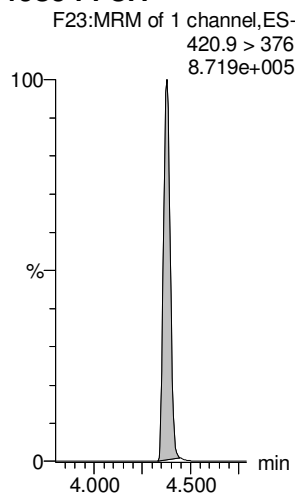
13C5-PFHxA



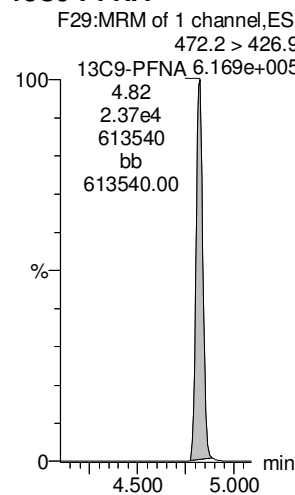
13C3-PFHxS



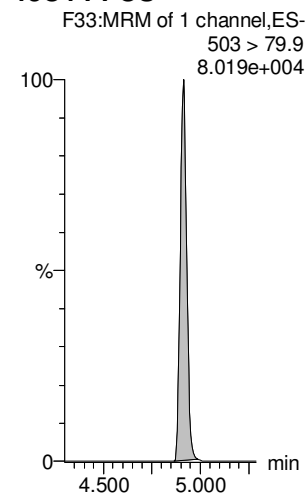
13C8-PFOA



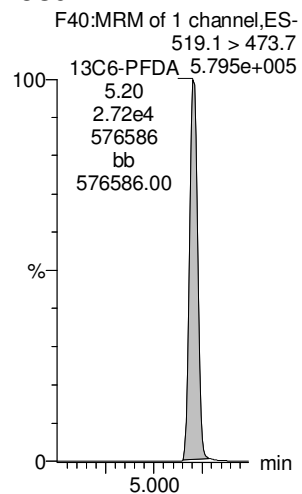
13C9-PFNA



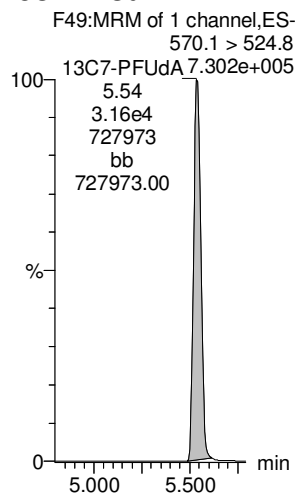
13C4-PFOS



13C6-PFDA



13C7-PFUdA

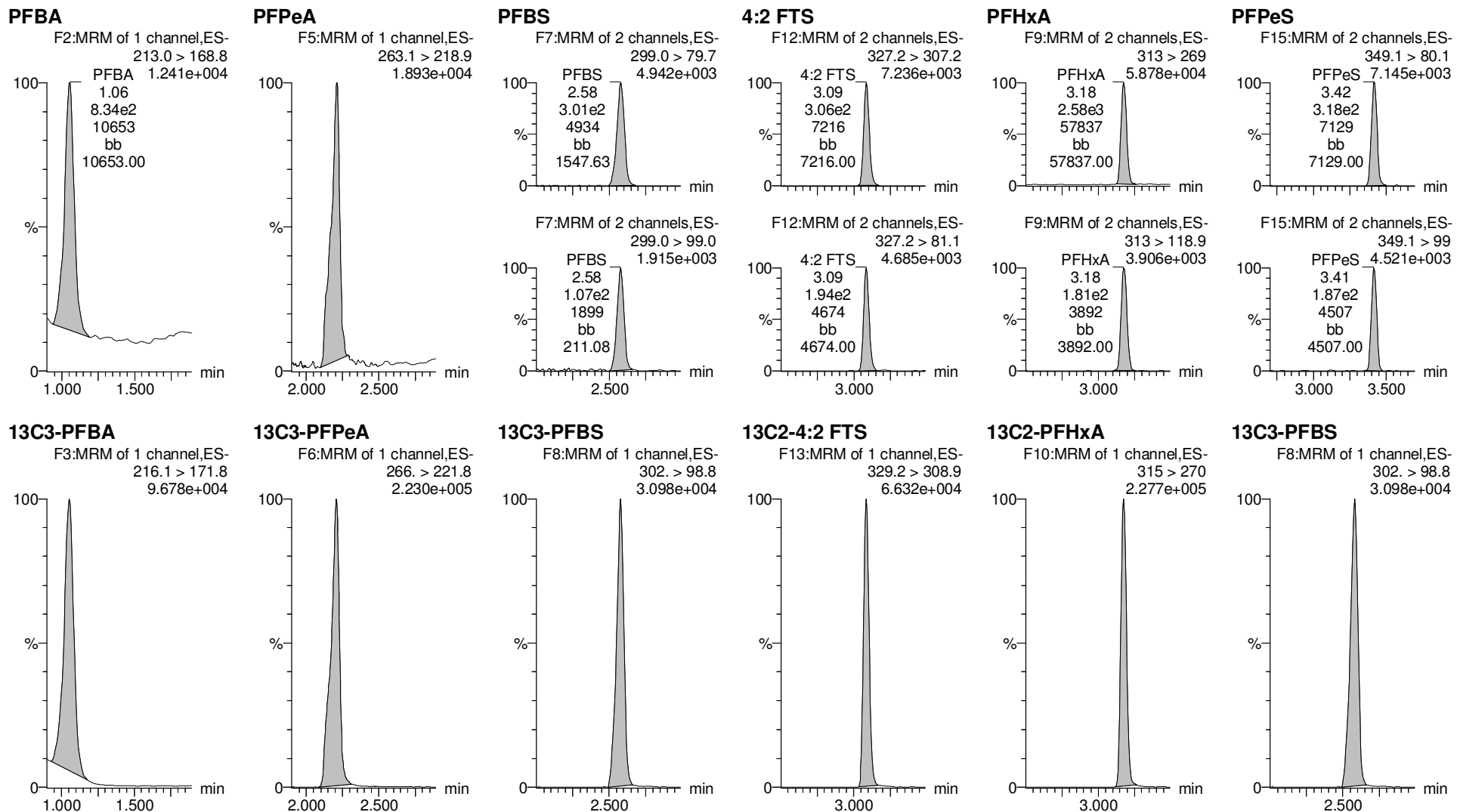


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_4, Date: 17-Oct-2018, Time: 12:39:07, ID: ST181017M1-3 PFC CS0 18J0803, Description: PFC CS0 18J0803



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_4, Date: 17-Oct-2018, Time: 12:39:07, ID: ST181017M1-3 PFC CS0 18J0803, Description: PFC CS0 18J0803

6:2 FTS

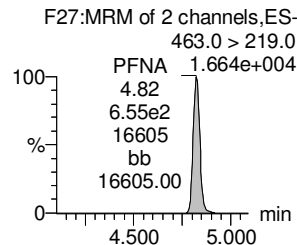
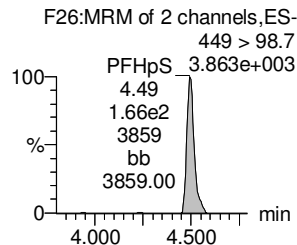
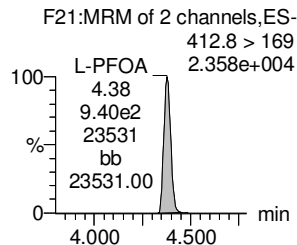
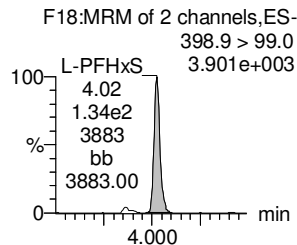
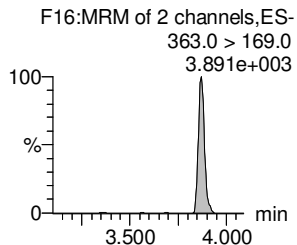
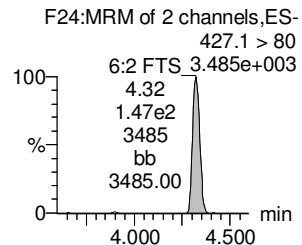
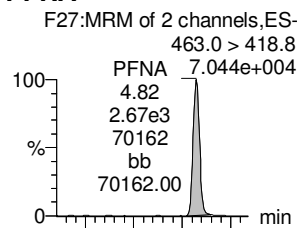
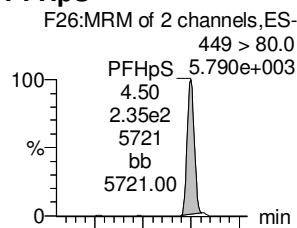
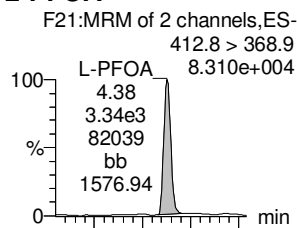
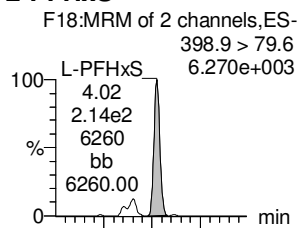
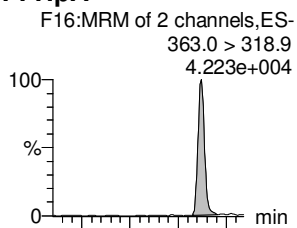
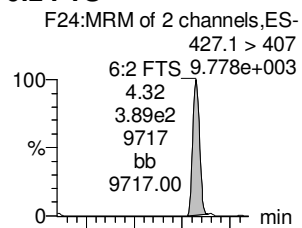
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

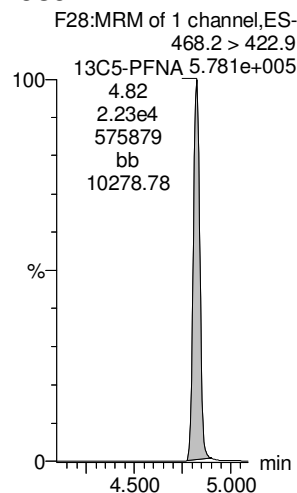
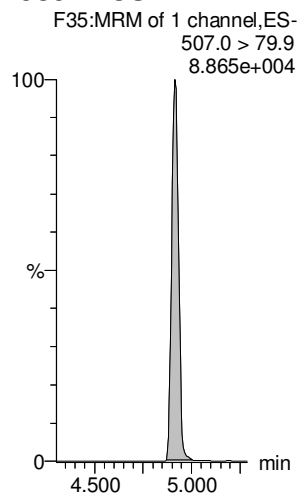
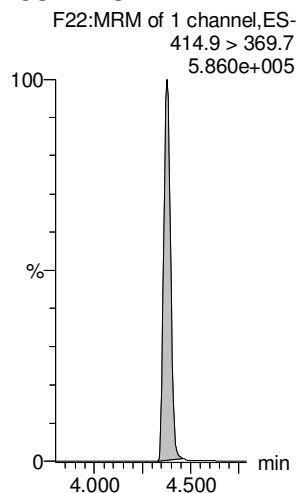
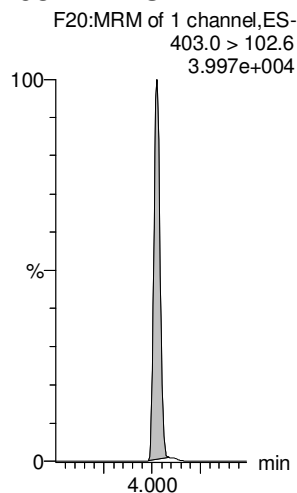
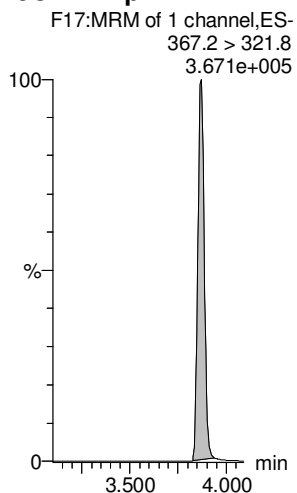
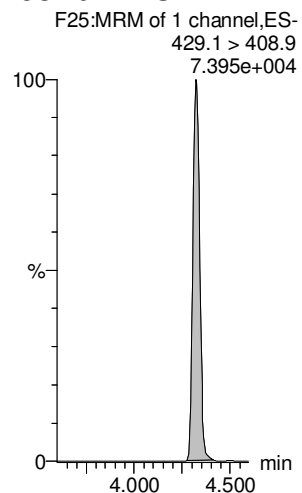
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



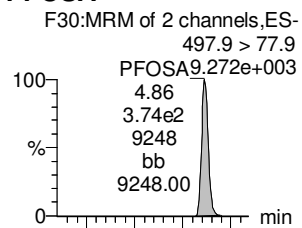
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

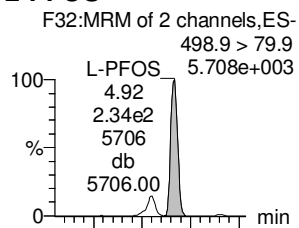
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_4, Date: 17-Oct-2018, Time: 12:39:07, ID: ST181017M1-3 PFC CS0 18J0803, Description: PFC CS0 18J0803

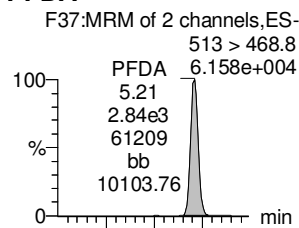
PFOSA



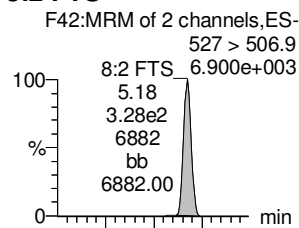
L-PFOS



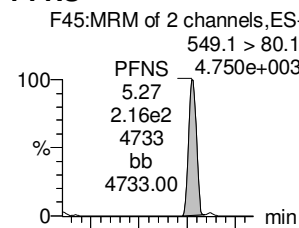
PFDA



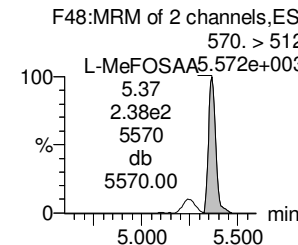
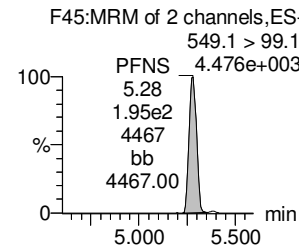
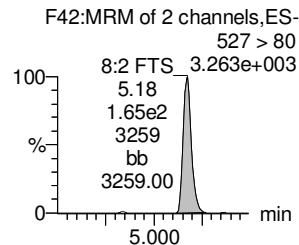
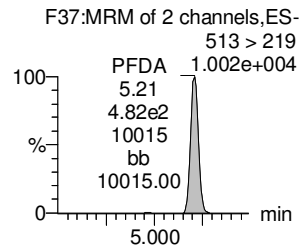
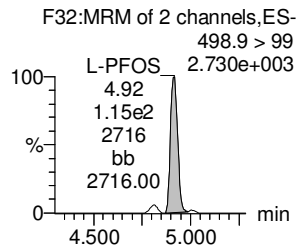
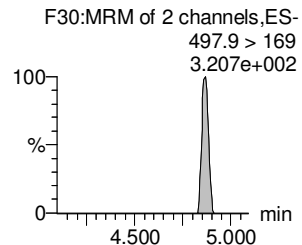
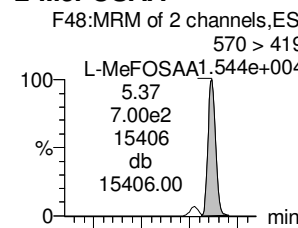
8:2 FTS



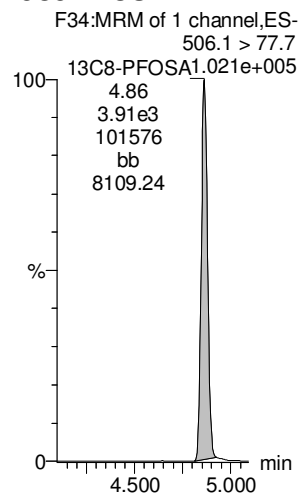
PFNS



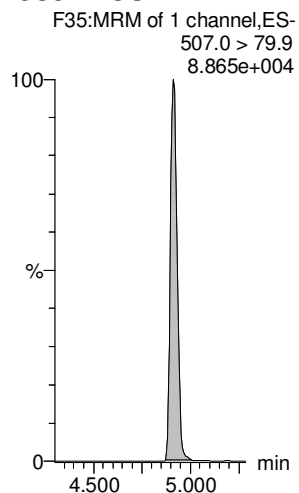
L-MeFOSAA



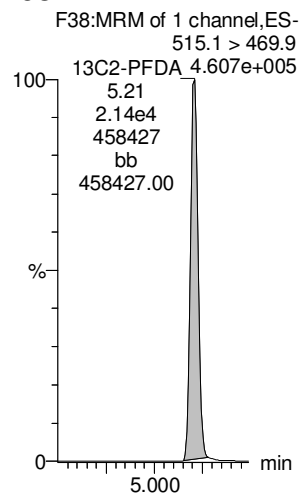
13C8-PFOSA



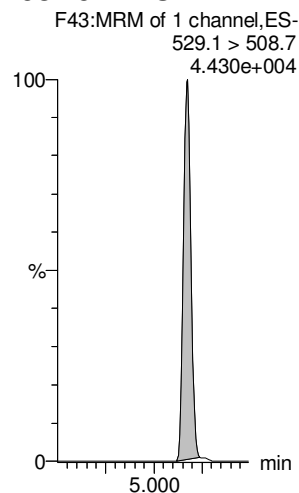
13C8-PFOS



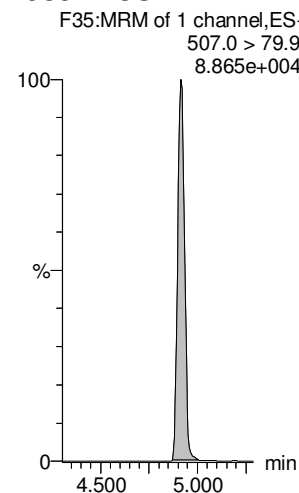
13C2-PFDA



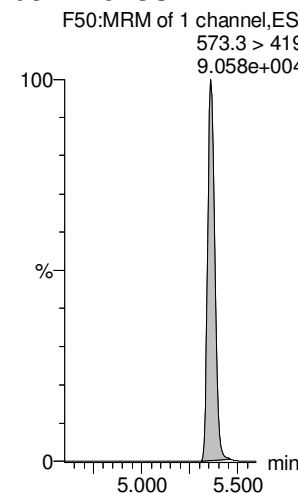
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_4, Date: 17-Oct-2018, Time: 12:39:07, ID: ST181017M1-3 PFC CS0 18J0803, Description: PFC CS0 18J0803

L-EtFOSAA

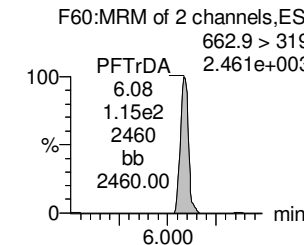
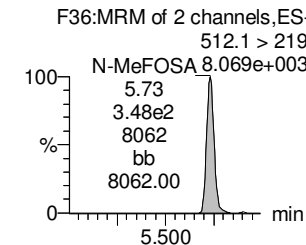
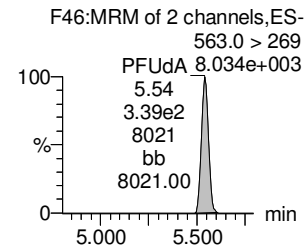
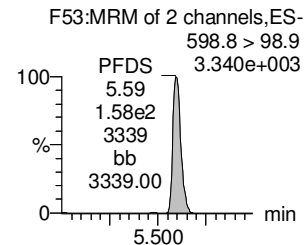
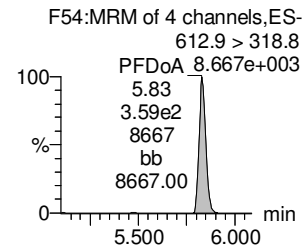
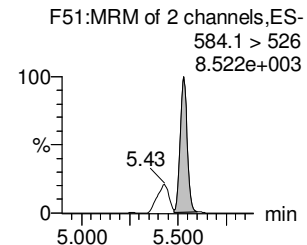
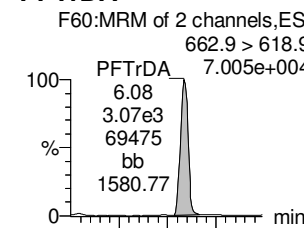
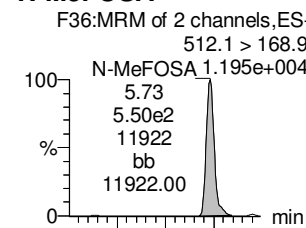
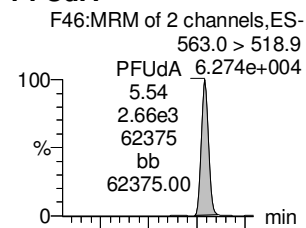
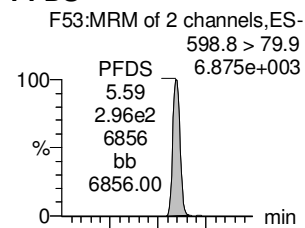
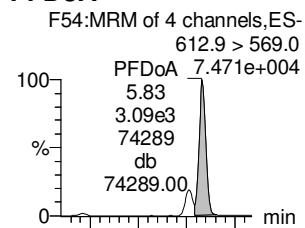
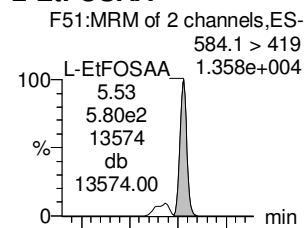
PFDoA

PFDS

PFUdA

N-MeFOSA

PFTrDA



d5-N-EtFOSAA

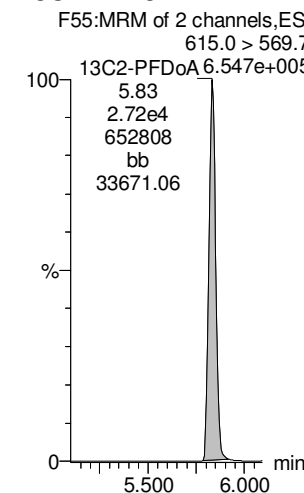
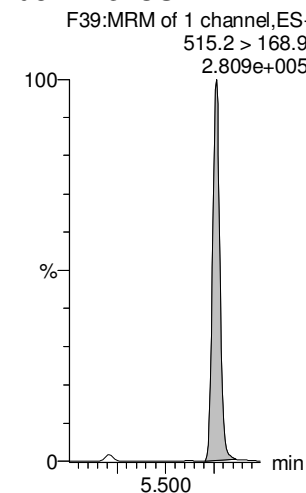
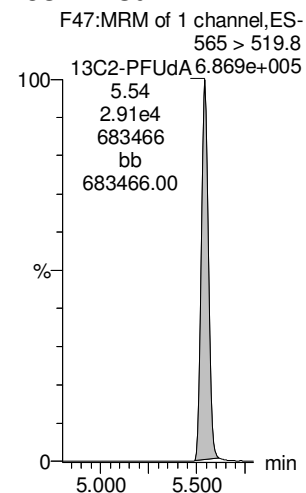
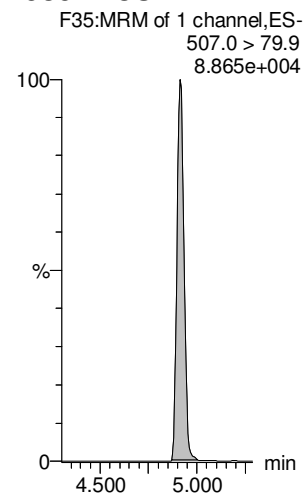
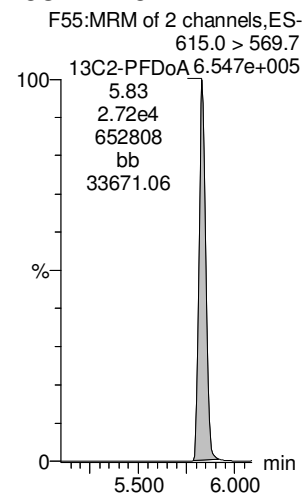
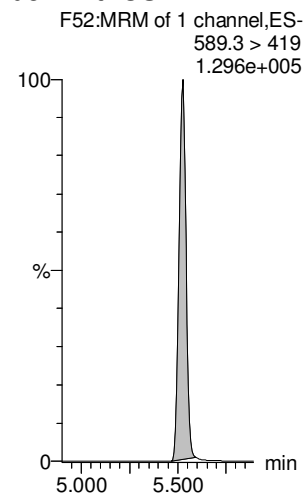
13C2-PFDoA

13C8-PFOS

13C2-PFUdA

d3-N-MeFOSA

13C2-PFDoA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_4, Date: 17-Oct-2018, Time: 12:39:07, ID: ST181017M1-3 PFC CS0 18J0803, Description: PFC CS0 18J0803

PFTeDA

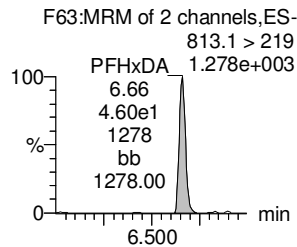
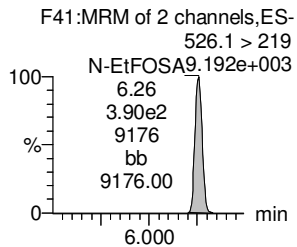
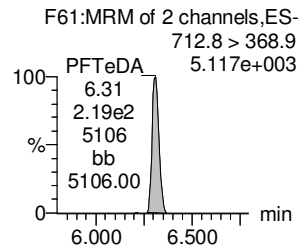
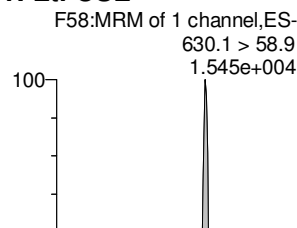
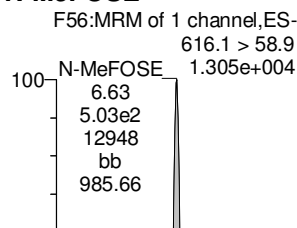
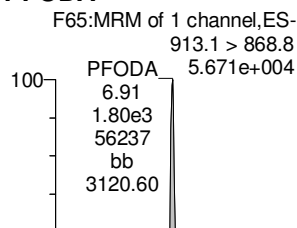
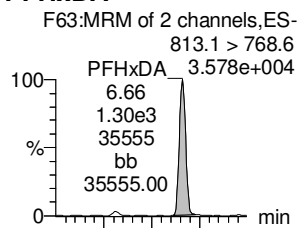
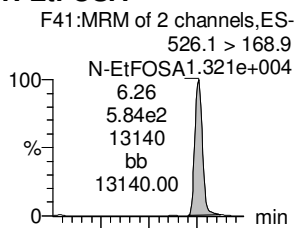
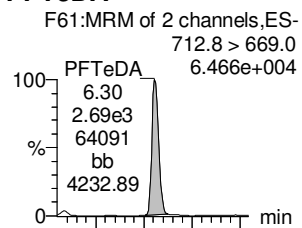
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

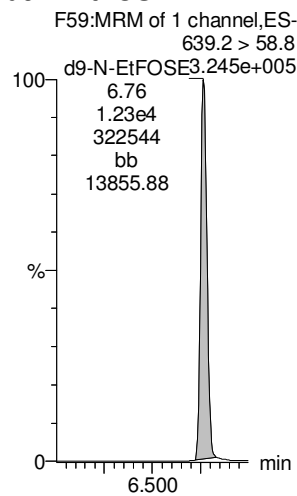
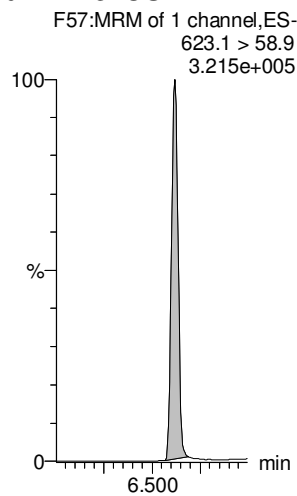
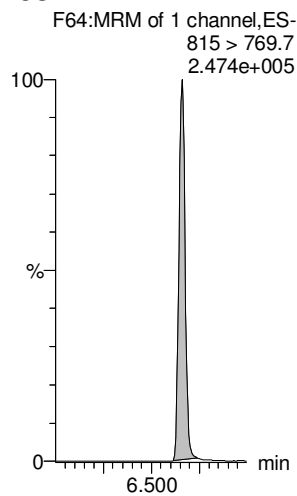
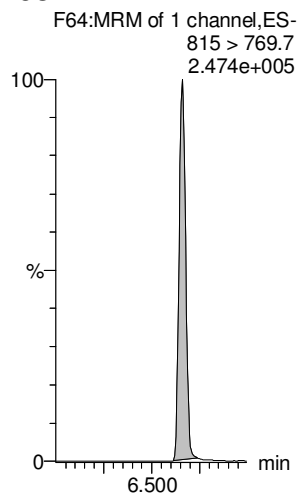
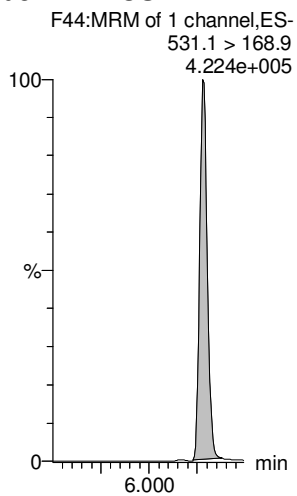
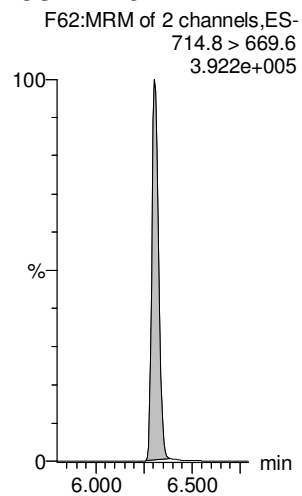
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



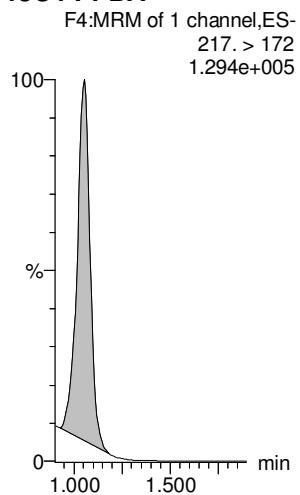
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

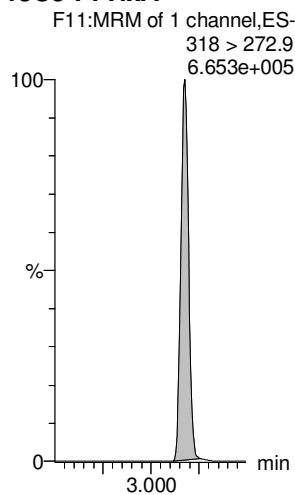
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_4, Date: 17-Oct-2018, Time: 12:39:07, ID: ST181017M1-3 PFC CS0 18J0803, Description: PFC CS0 18J0803

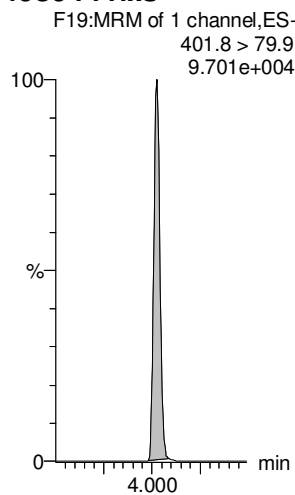
13C4-PFBA



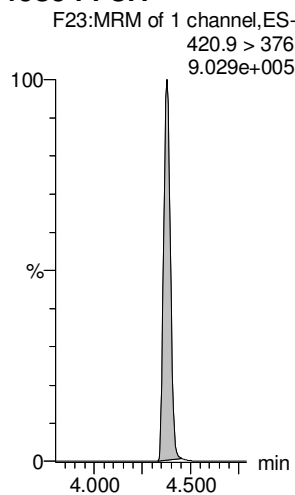
13C5-PFHxA



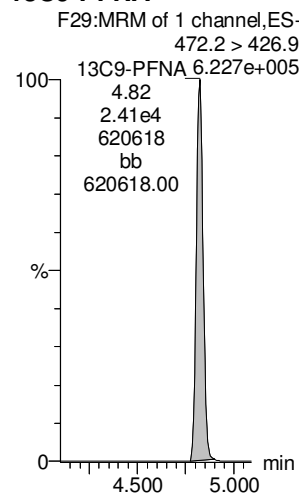
13C3-PFHxS



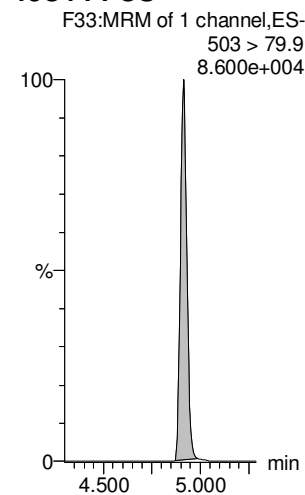
13C8-PFOA



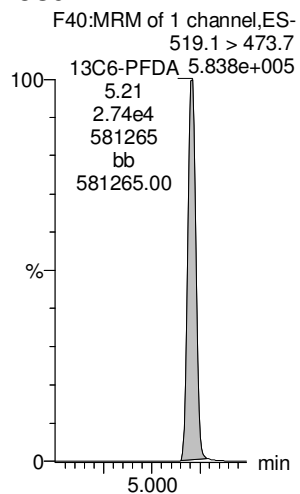
13C9-PFNA



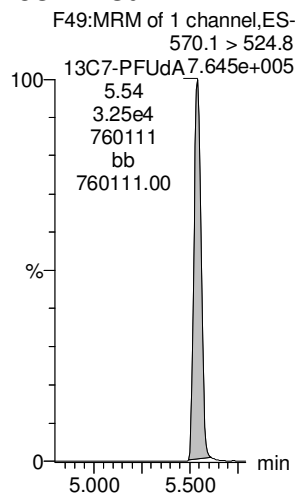
13C4-PFOS



13C6-PFDA



13C7-PFUdA

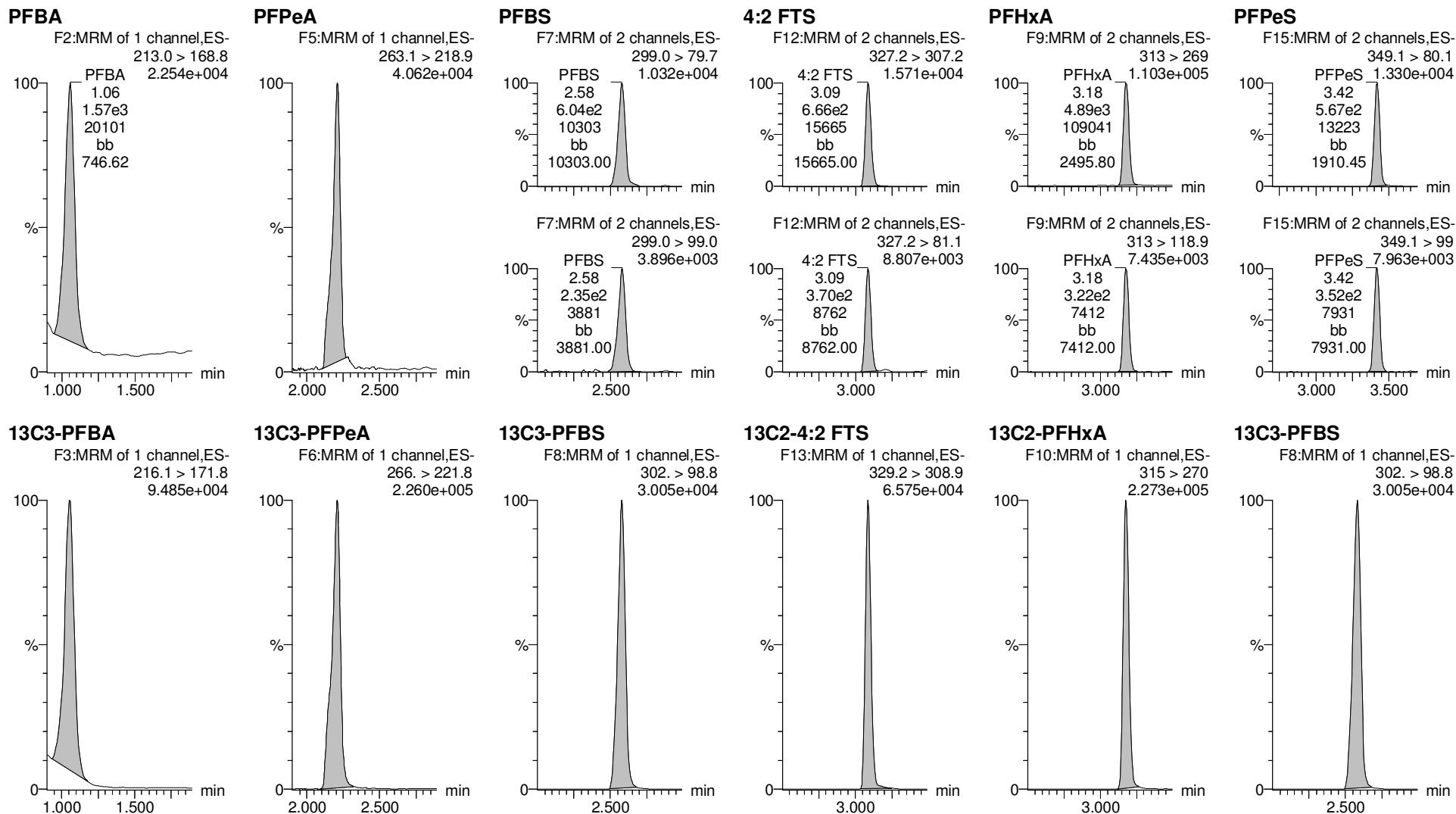


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_5, Date: 17-Oct-2018, Time: 12:49:46, ID: ST181017M1-4 PFC CS1 18J0804, Description: PFC CS1 18J0804



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_5, Date: 17-Oct-2018, Time: 12:49:46, ID: ST181017M1-4 PFC CS1 18J0804, Description: PFC CS1 18J0804

6:2 FTS

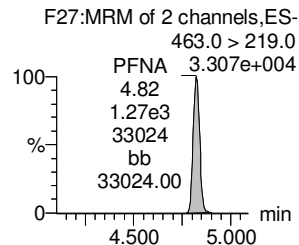
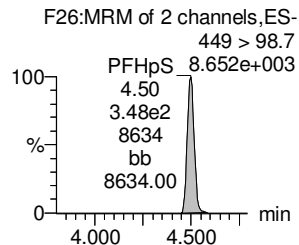
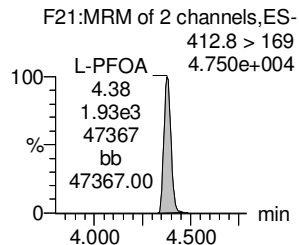
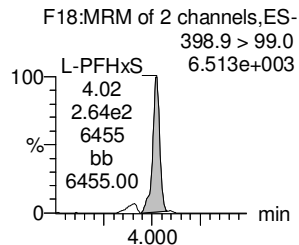
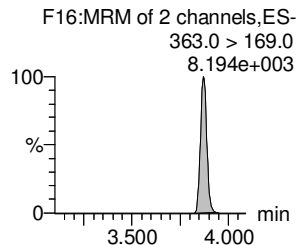
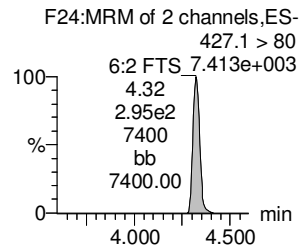
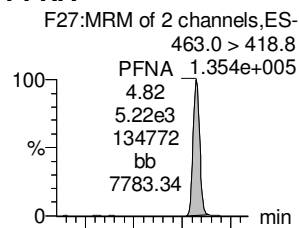
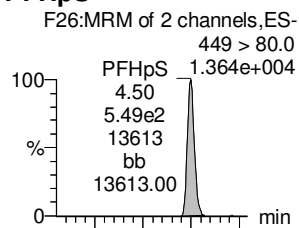
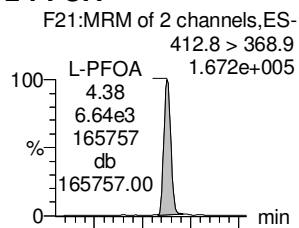
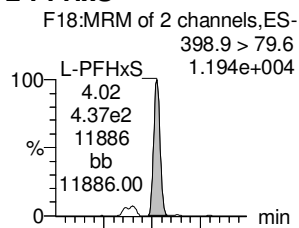
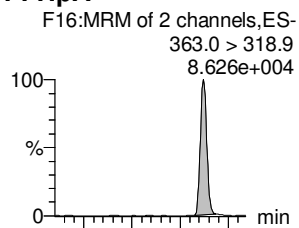
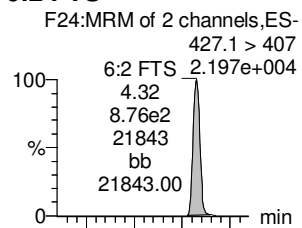
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

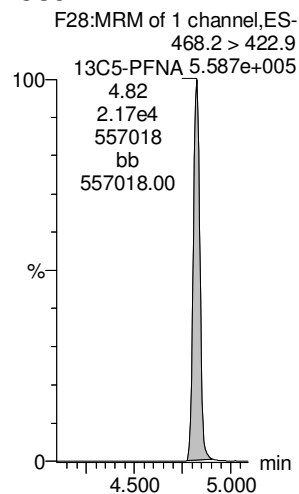
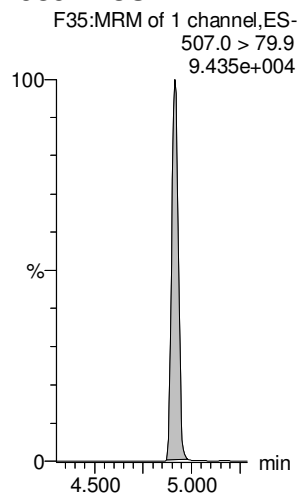
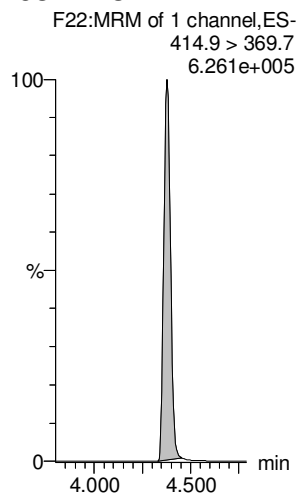
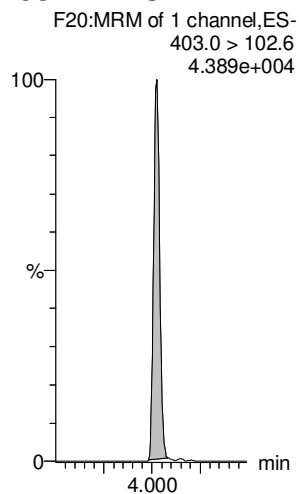
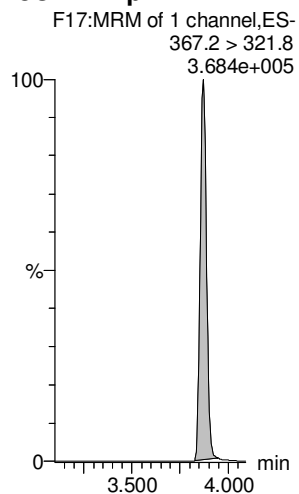
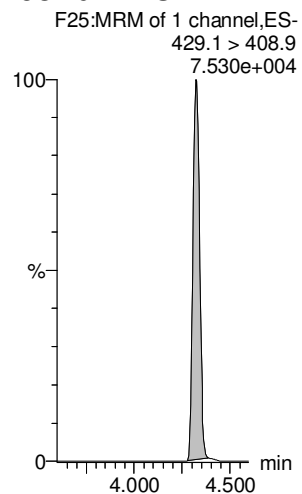
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_5, Date: 17-Oct-2018, Time: 12:49:46, ID: ST181017M1-4 PFC CS1 18J0804, Description: PFC CS1 18J0804

PFOSA

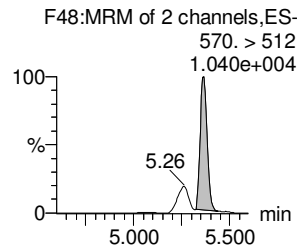
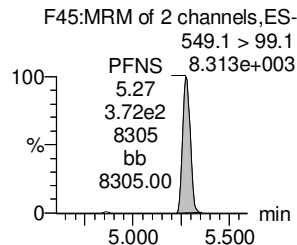
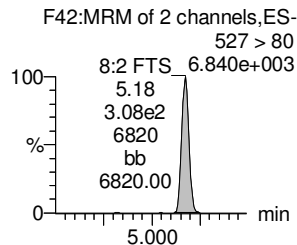
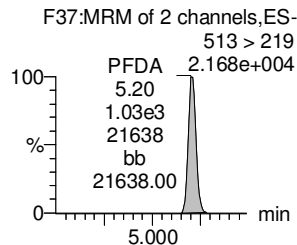
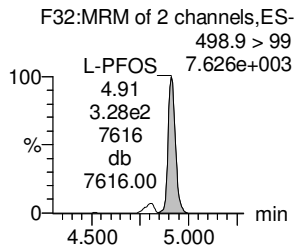
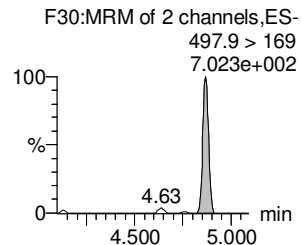
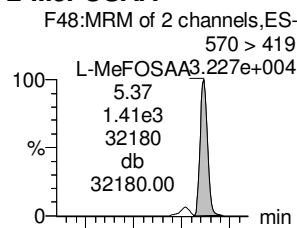
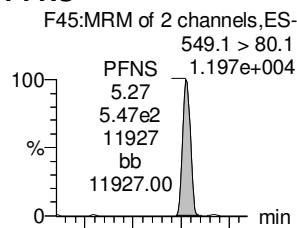
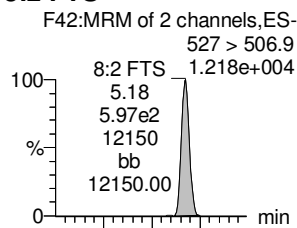
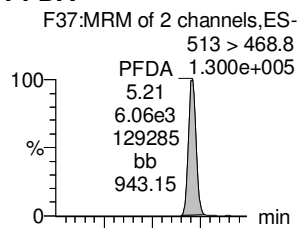
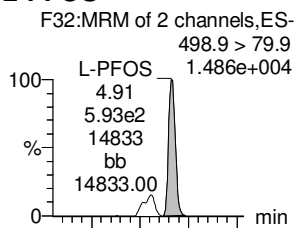
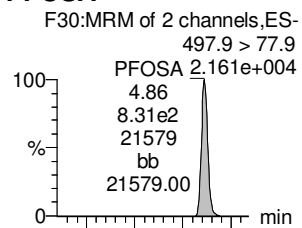
L-PFOS

PFDA

8:2 FTS

PFNS

L-MeFOSAA



13C8-PFOSA

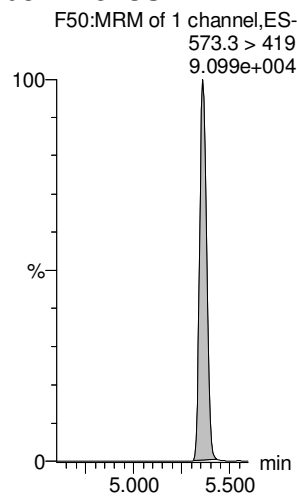
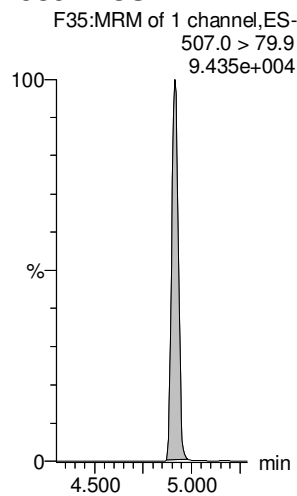
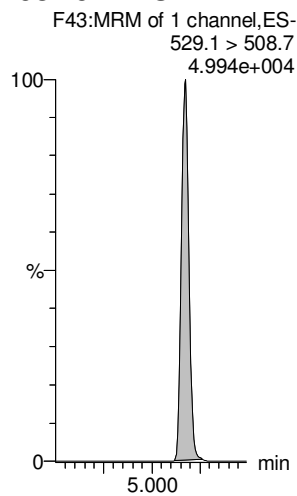
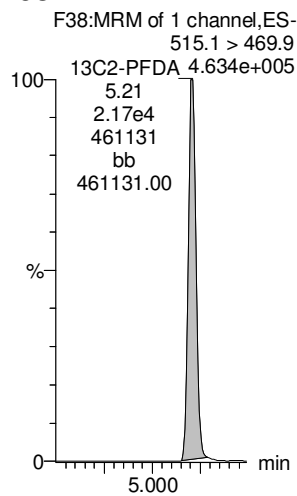
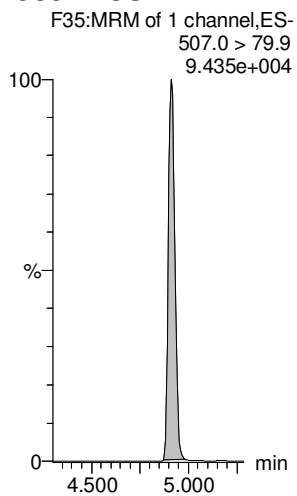
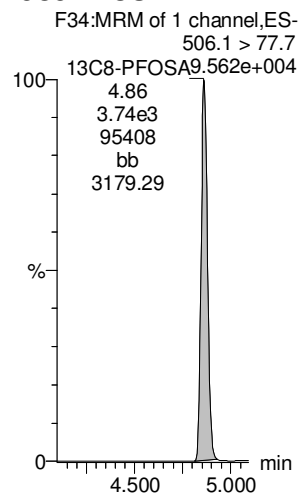
13C8-PFOS

13C2-PFDA

13C2-8:2 FTS

13C8-PFOS

d3-N-MeFOSAA

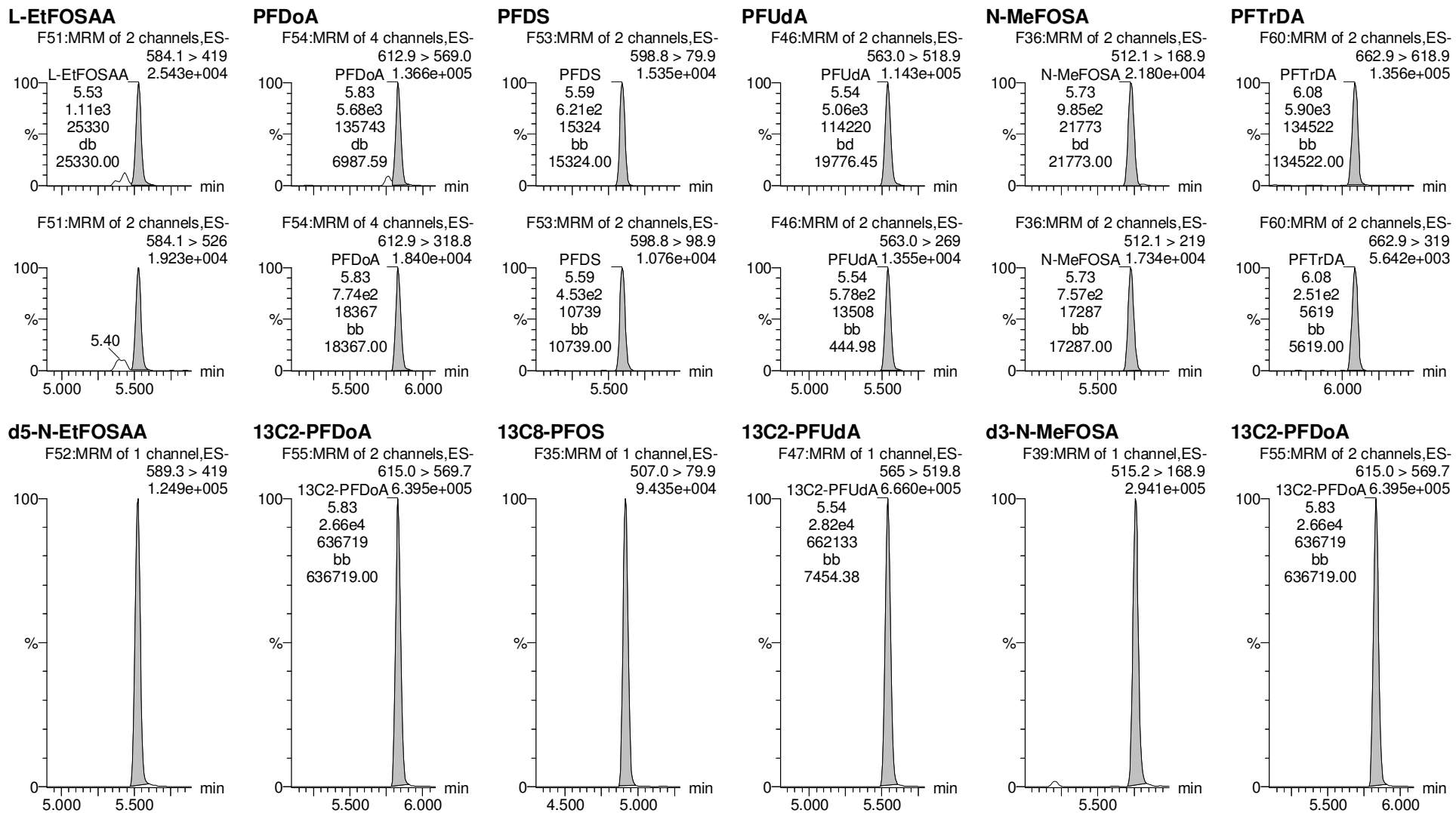


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_5, Date: 17-Oct-2018, Time: 12:49:46, ID: ST181017M1-4 PFC CS1 18J0804, Description: PFC CS1 18J0804



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_5, Date: 17-Oct-2018, Time: 12:49:46, ID: ST181017M1-4 PFC CS1 18J0804, Description: PFC CS1 18J0804

PFTeDA

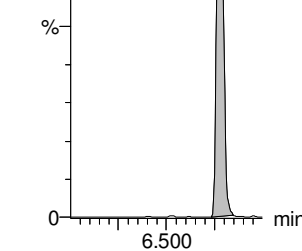
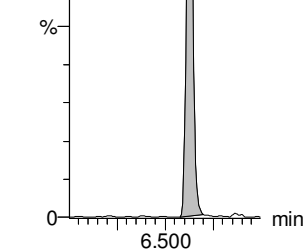
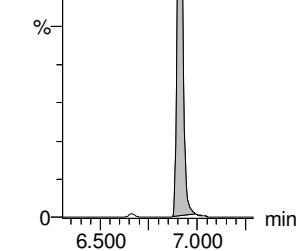
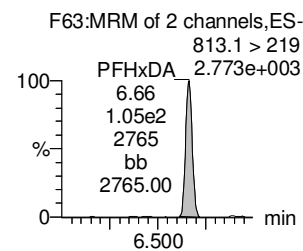
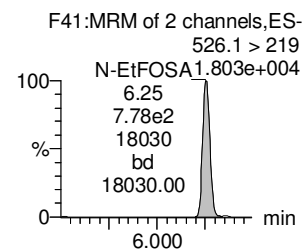
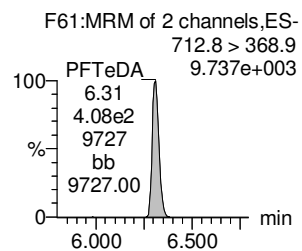
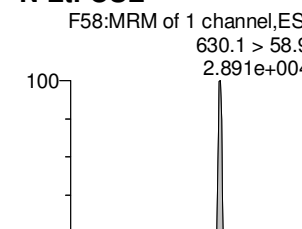
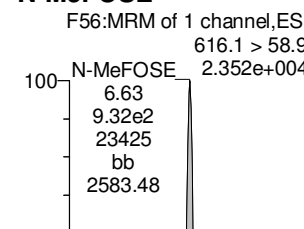
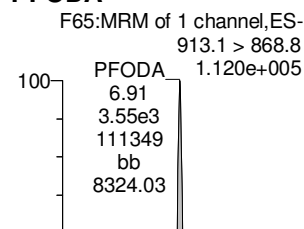
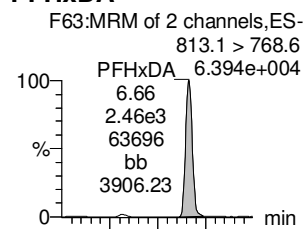
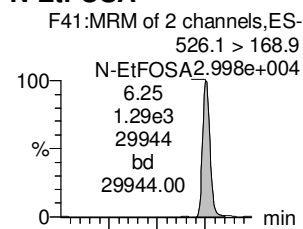
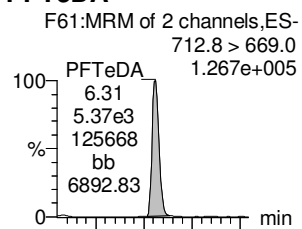
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



¹³C2-PFTeDA

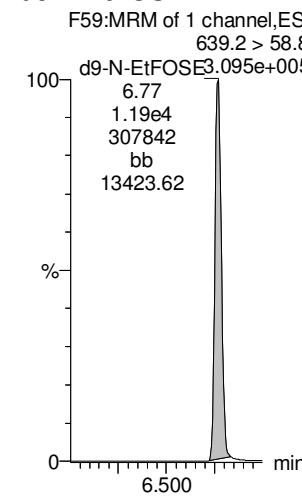
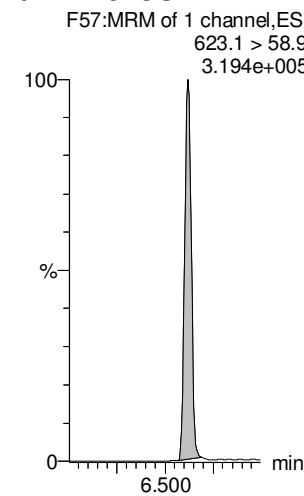
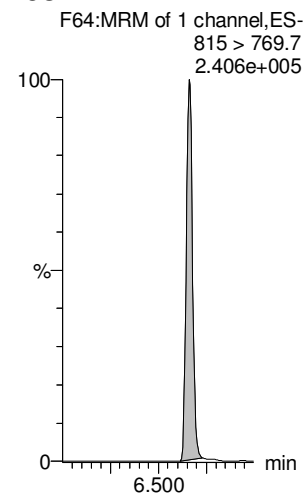
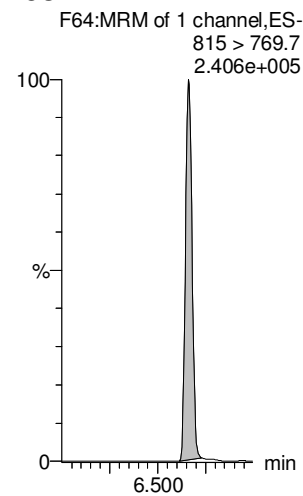
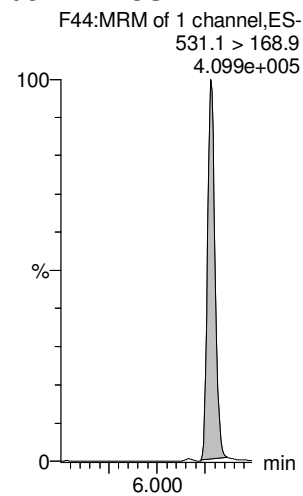
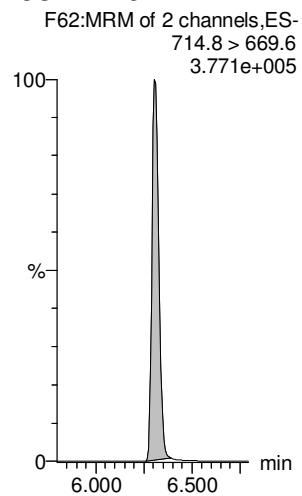
d5-N-ETFOSA

¹³C2-PFHxDA

¹³C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



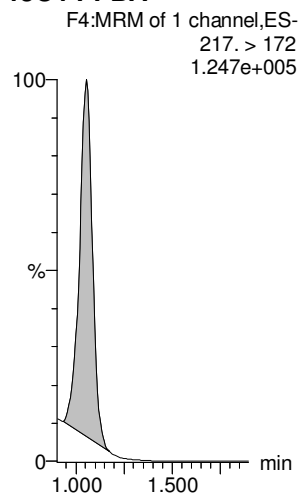
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

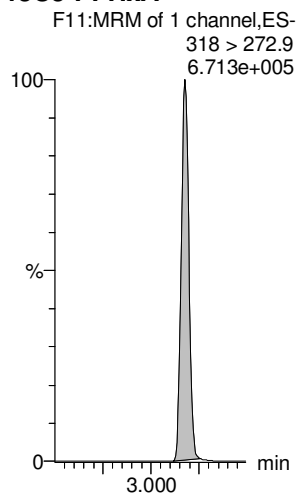
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_5, Date: 17-Oct-2018, Time: 12:49:46, ID: ST181017M1-4 PFC CS1 18J0804, Description: PFC CS1 18J0804

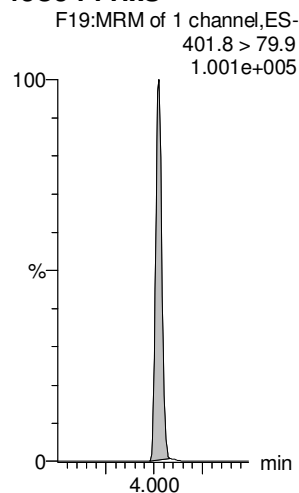
13C4-PFBA



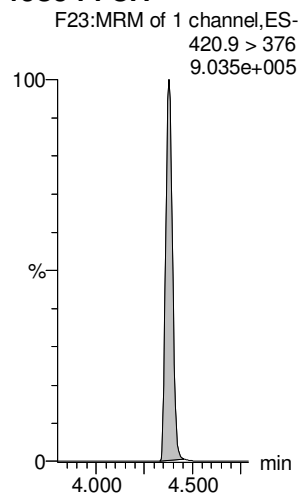
13C5-PFHxA



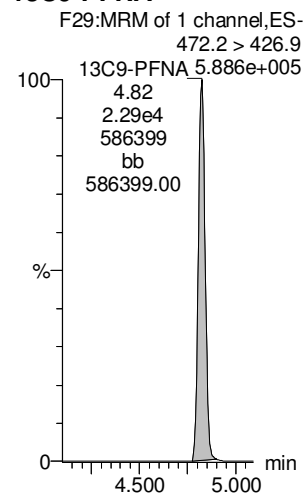
13C3-PFHxS



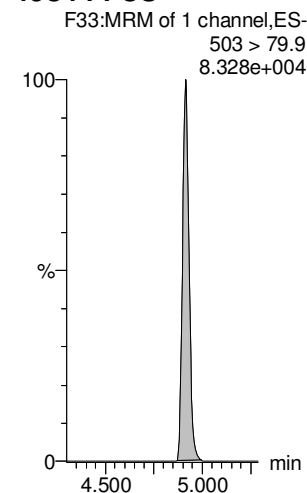
13C8-PFOA



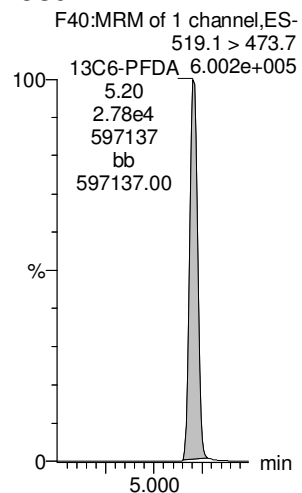
13C9-PFNA



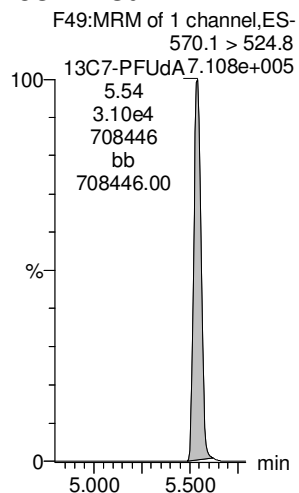
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_6, Date: 17-Oct-2018, Time: 13:00:24, ID: ST181017M1-5 PFC CS2 18J0805, Description: PFC CS2 18J0805

PFBA

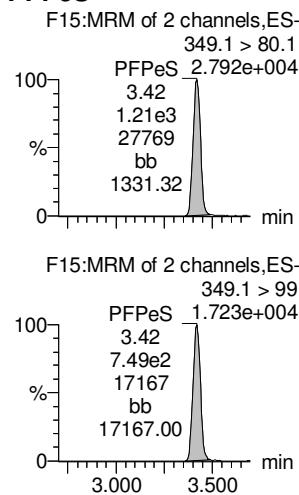
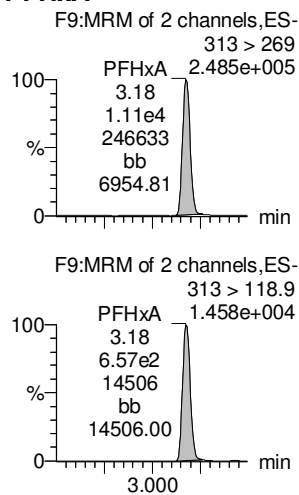
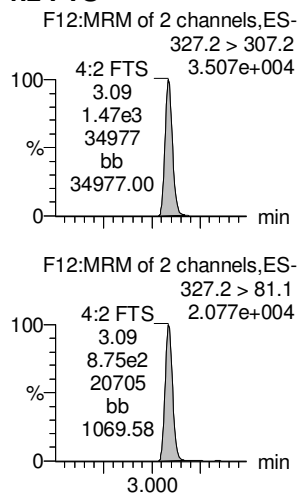
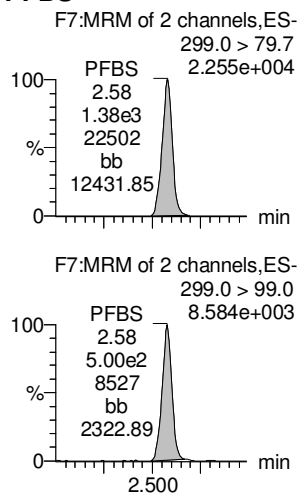
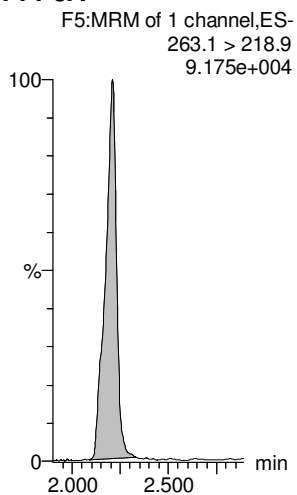
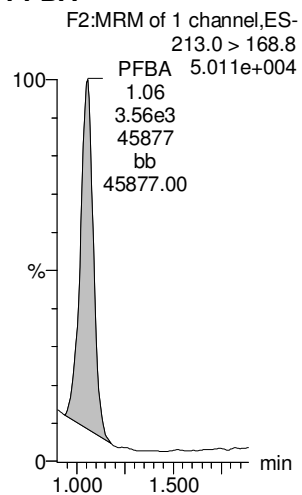
PFPeA

PFBS

4:2 FTS

PFHxA

PFPeS



13C3-PFBA

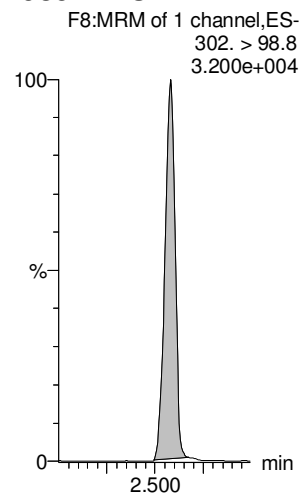
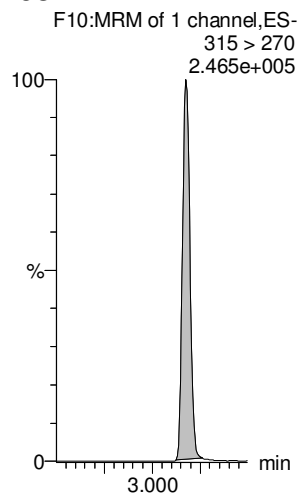
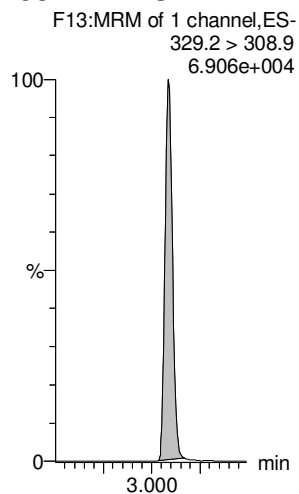
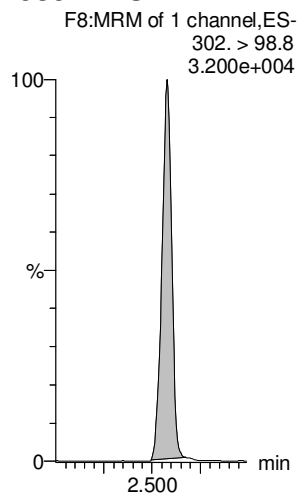
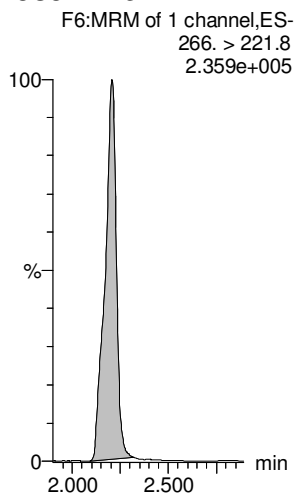
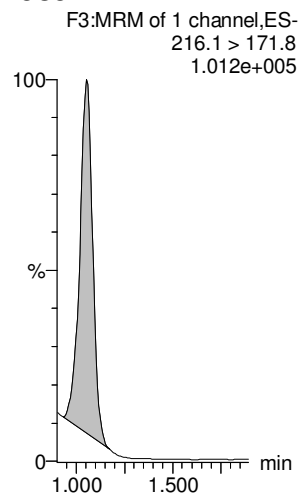
13C3-PFPeA

13C3-PFBS

13C2-4:2 FTS

13C2-PFHxA

13C3-PFBS



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_6, Date: 17-Oct-2018, Time: 13:00:24, ID: ST181017M1-5 PFC CS2 18J0805, Description: PFC CS2 18J0805

6:2 FTS

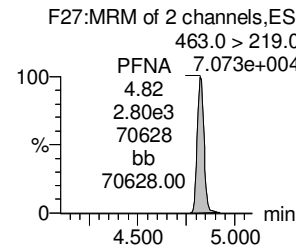
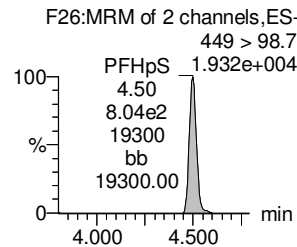
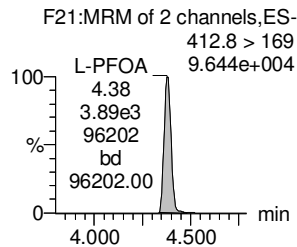
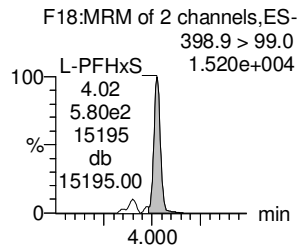
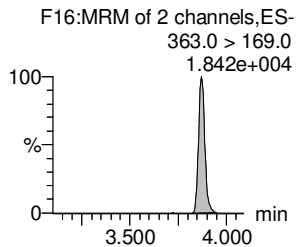
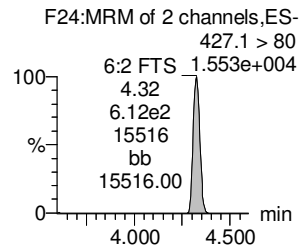
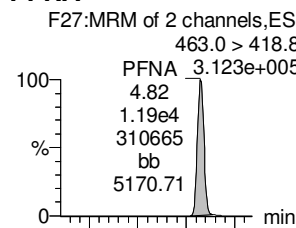
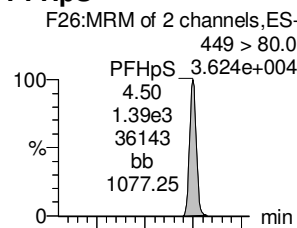
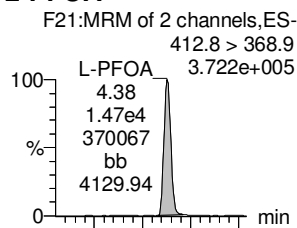
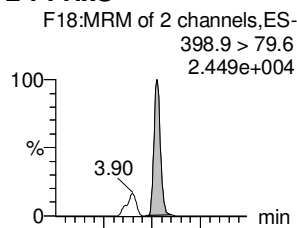
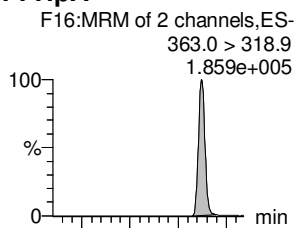
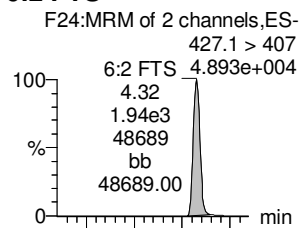
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

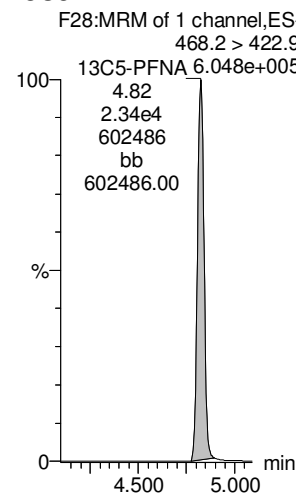
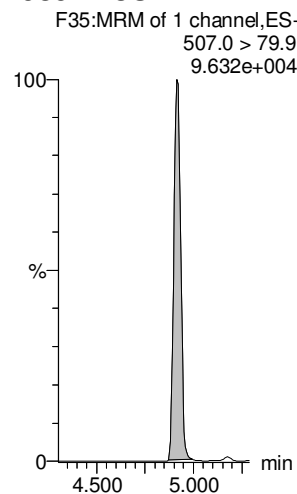
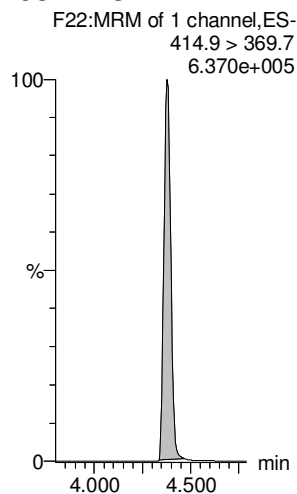
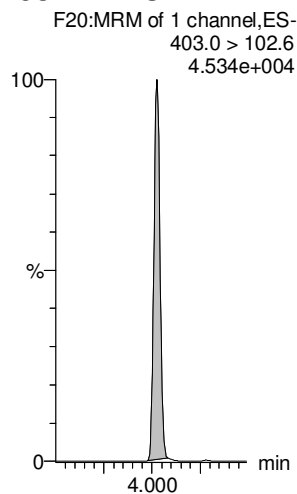
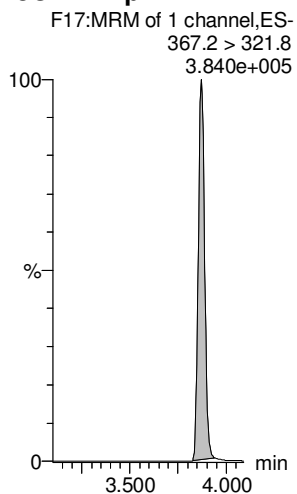
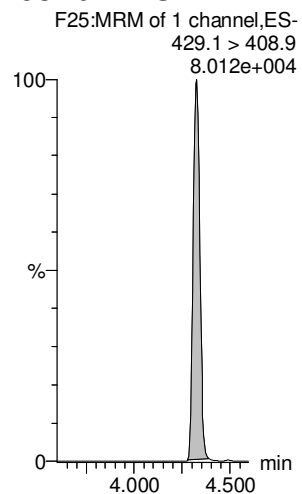
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_6, Date: 17-Oct-2018, Time: 13:00:24, ID: ST181017M1-5 PFC CS2 18J0805, Description: PFC CS2 18J0805

PFOSA

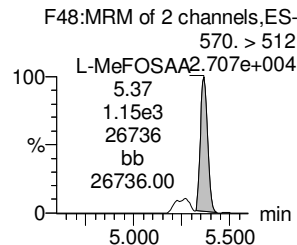
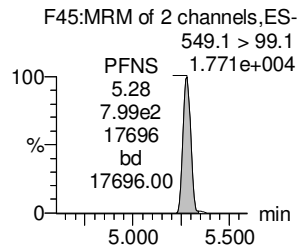
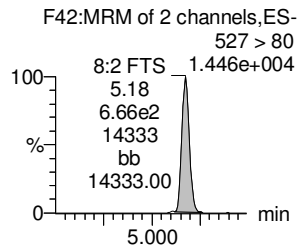
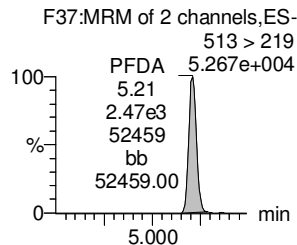
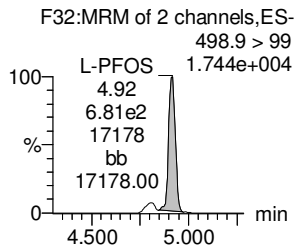
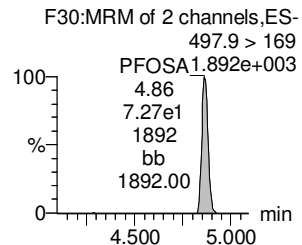
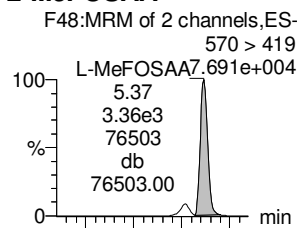
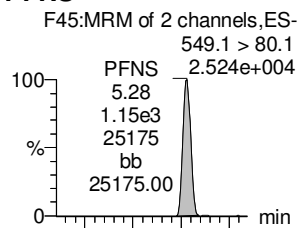
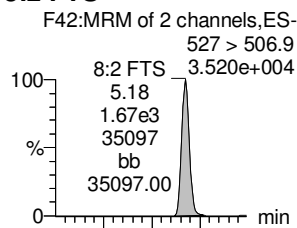
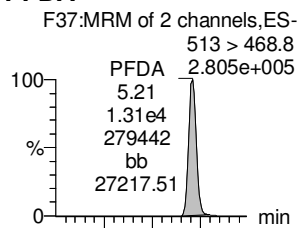
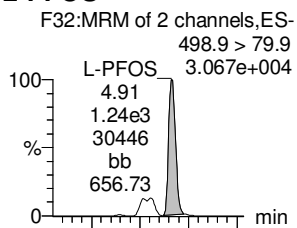
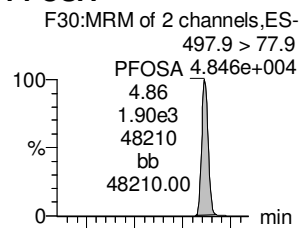
L-PFOS

PFDA

8:2 FTS

PFNS

L-MeFOSAA



13C8-PFOSA

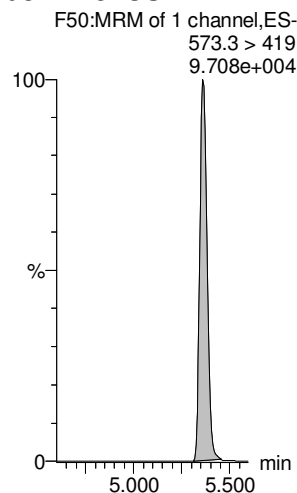
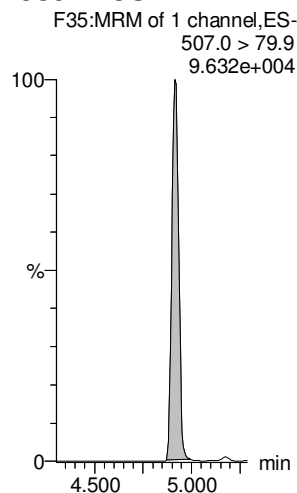
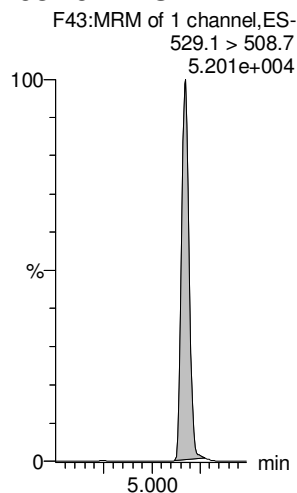
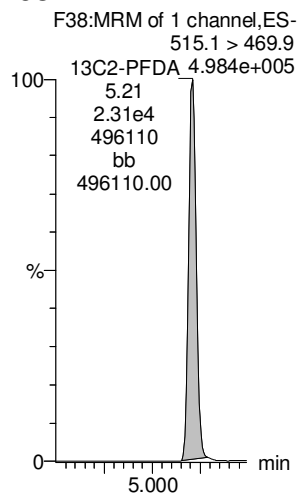
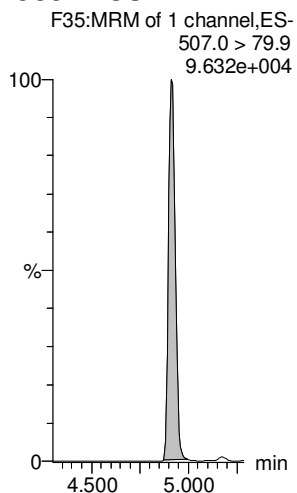
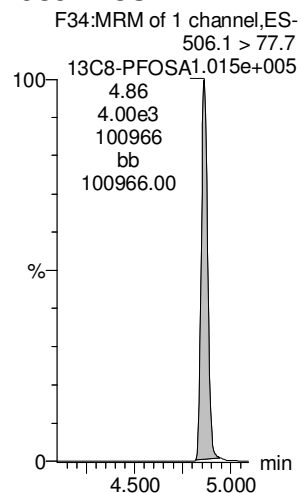
13C8-PFOS

13C2-PFDA

13C2-8:2 FTS

13C8-PFOS

d3-N-MeFOSAA

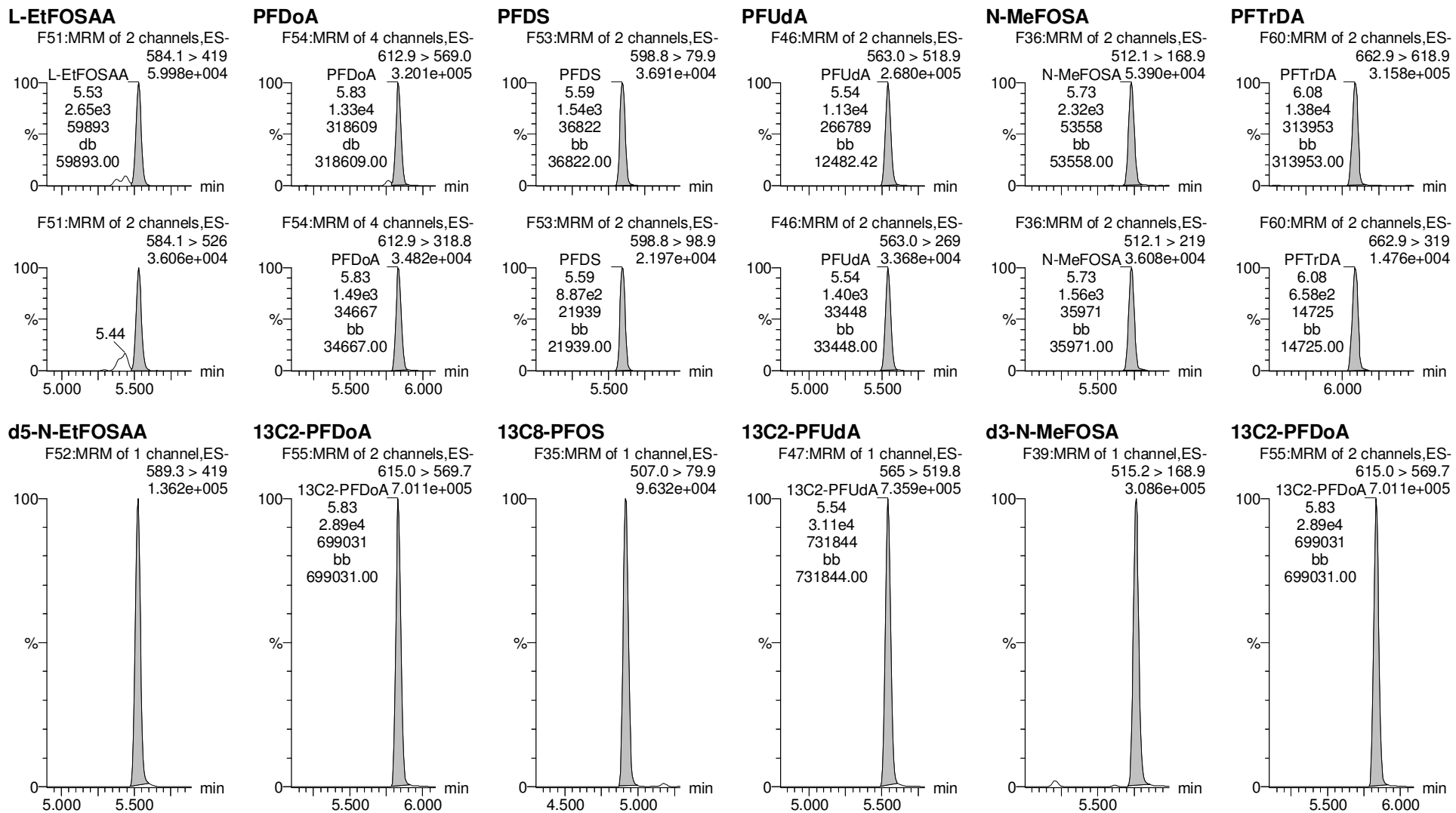


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_6, Date: 17-Oct-2018, Time: 13:00:24, ID: ST181017M1-5 PFC CS2 18J0805, Description: PFC CS2 18J0805



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_6, Date: 17-Oct-2018, Time: 13:00:24, ID: ST181017M1-5 PFC CS2 18J0805, Description: PFC CS2 18J0805

PFTeDA

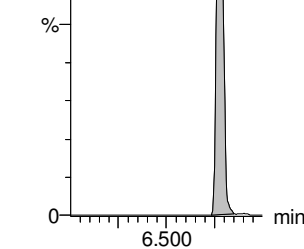
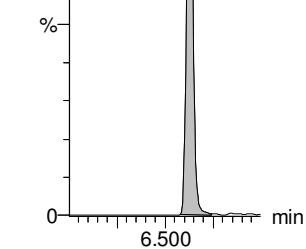
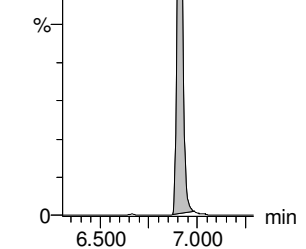
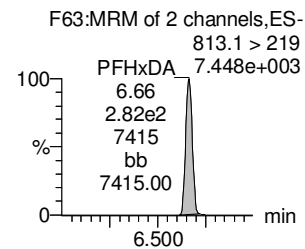
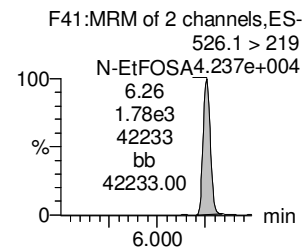
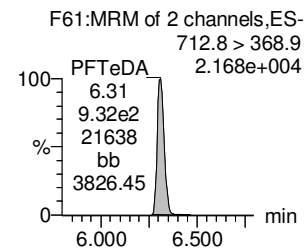
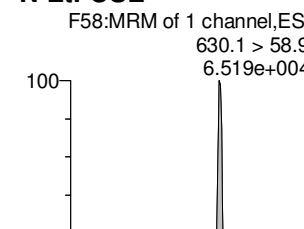
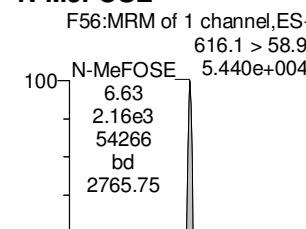
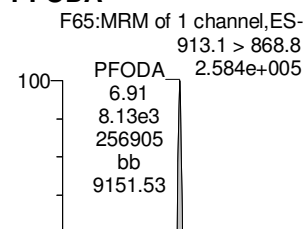
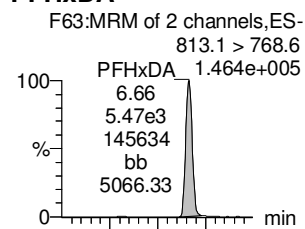
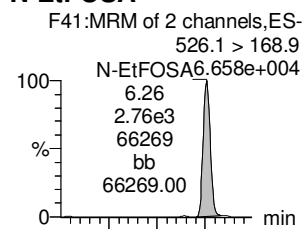
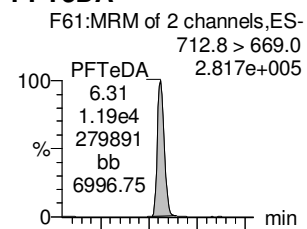
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

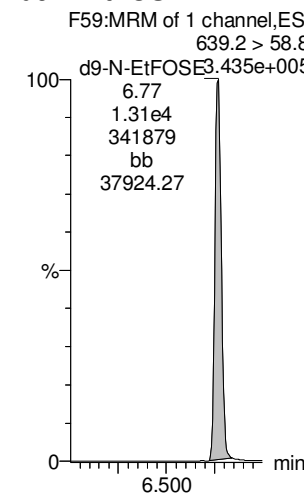
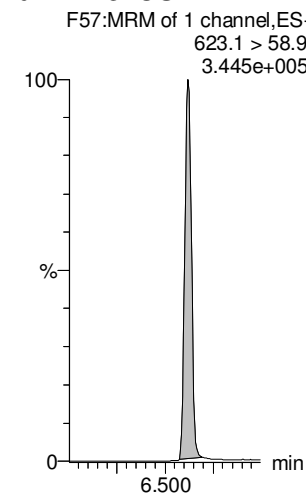
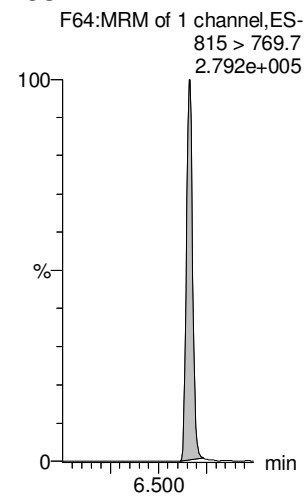
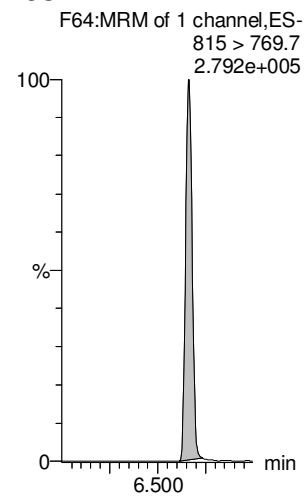
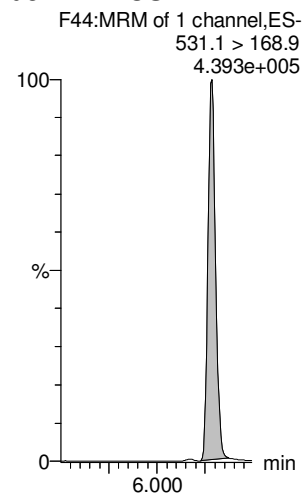
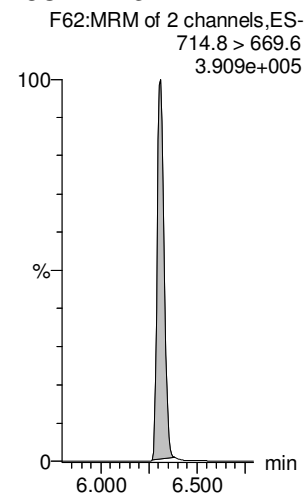
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



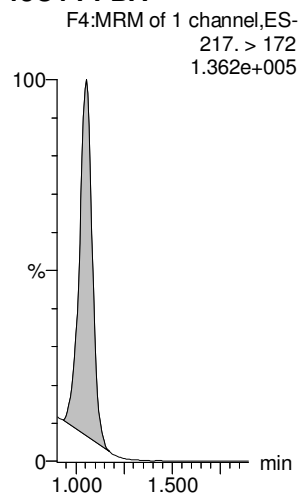
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

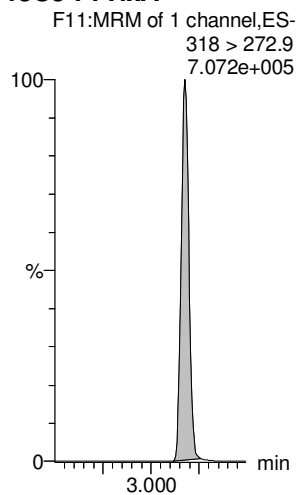
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_6, Date: 17-Oct-2018, Time: 13:00:24, ID: ST181017M1-5 PFC CS2 18J0805, Description: PFC CS2 18J0805

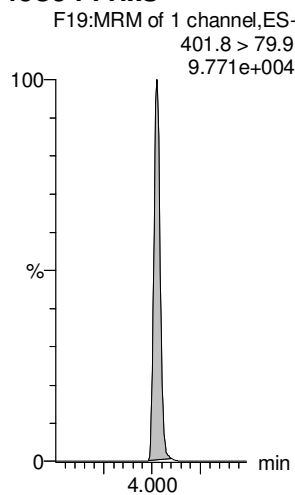
13C4-PFBA



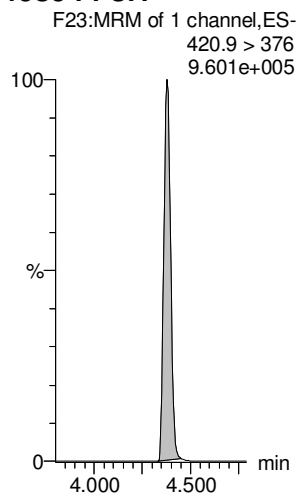
13C5-PFHxA



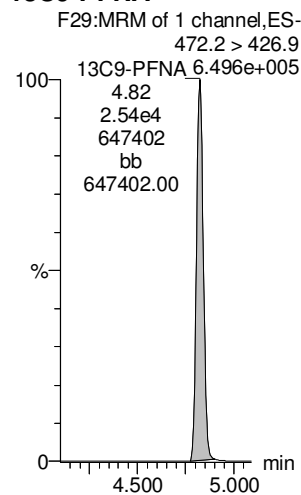
13C3-PFHxS



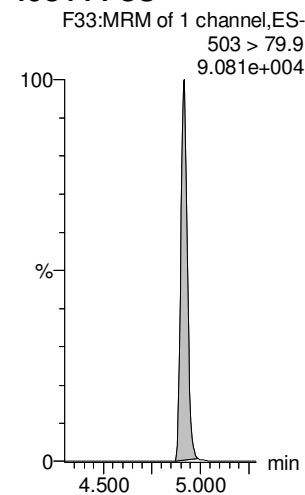
13C8-PFOA



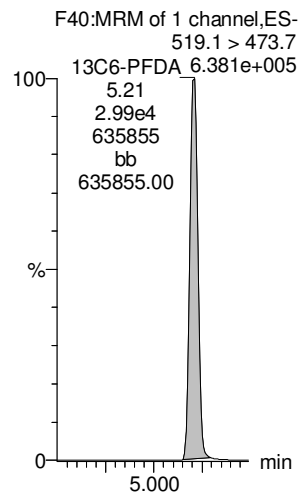
13C9-PFNA



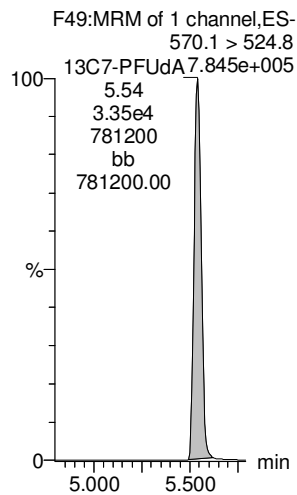
13C4-PFOS



13C6-PFDA



13C7-PFUdA



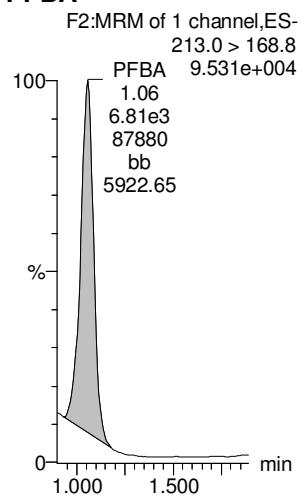
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

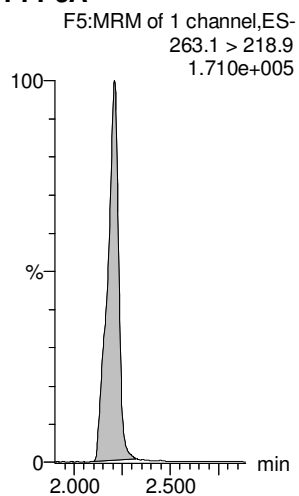
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806

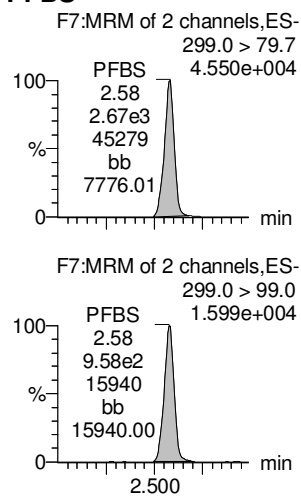
PFBA



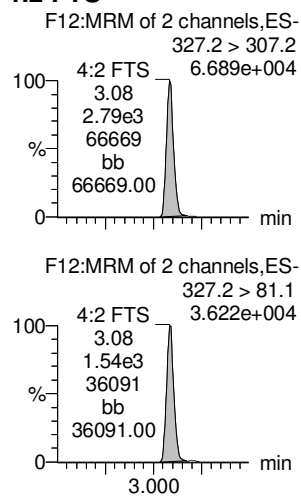
PFPeA



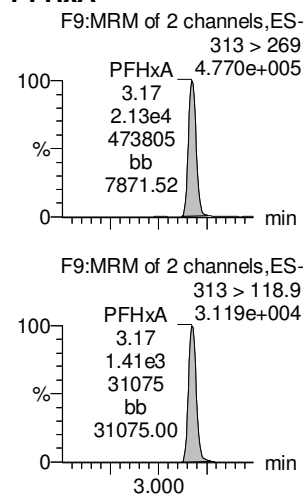
PFBS



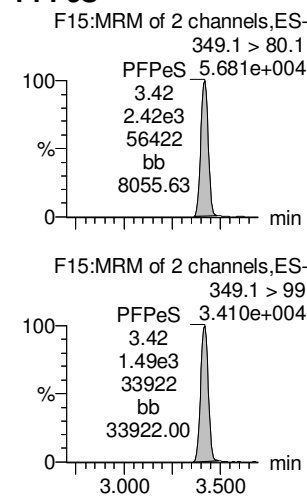
4:2 FTS



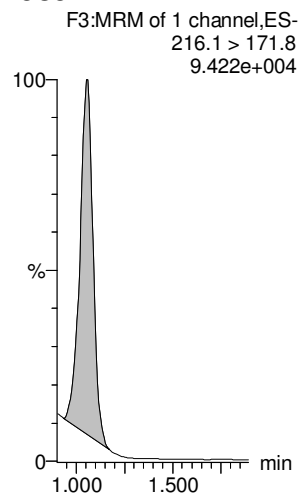
PFHxA



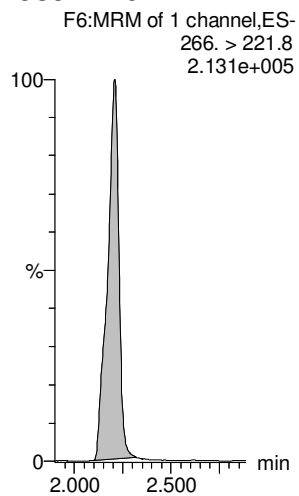
PFPeS



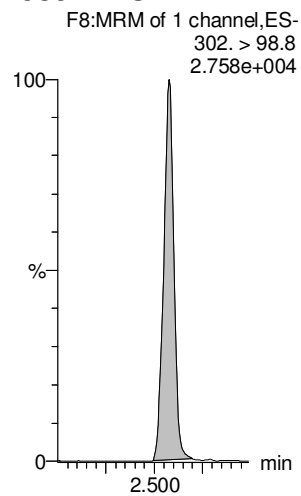
13C3-PFBA



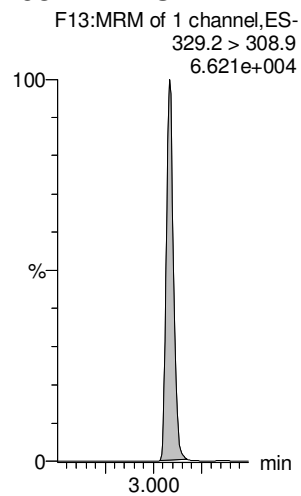
13C3-PFPeA



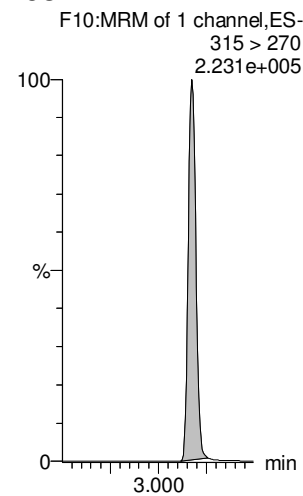
13C3-PFBS



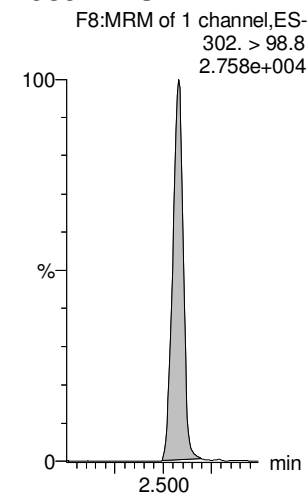
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806

6:2 FTS

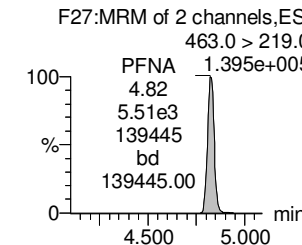
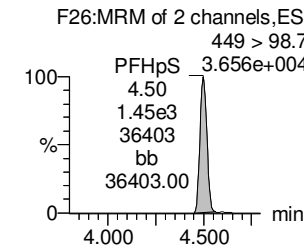
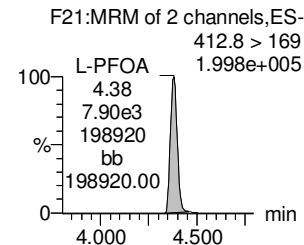
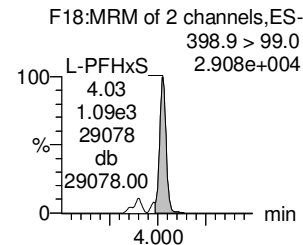
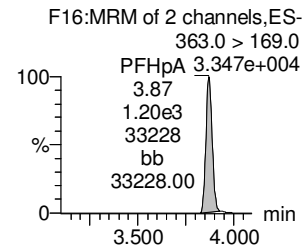
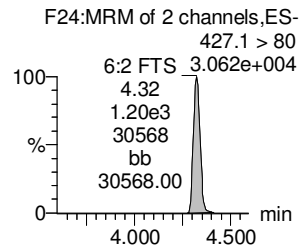
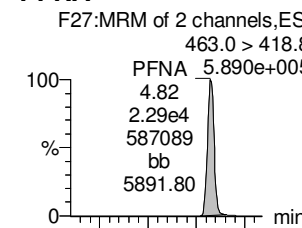
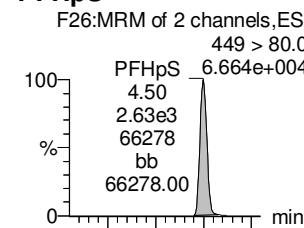
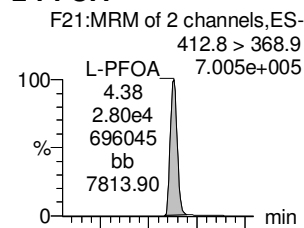
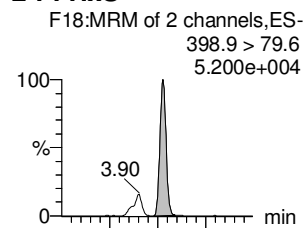
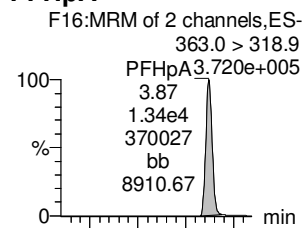
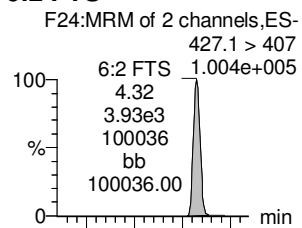
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

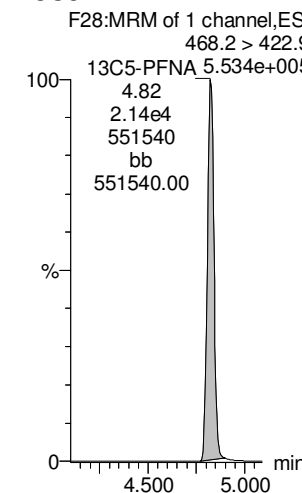
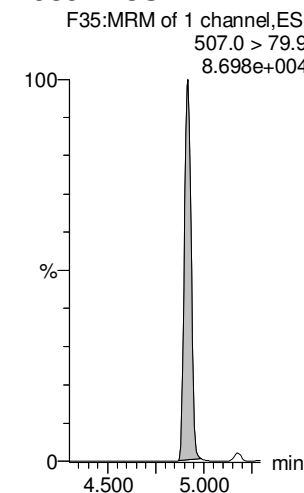
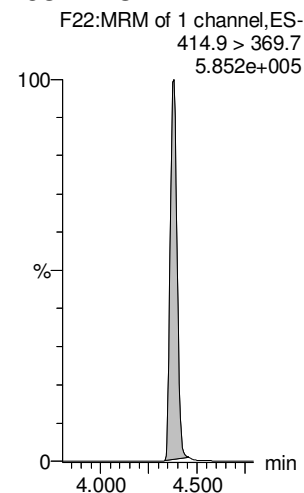
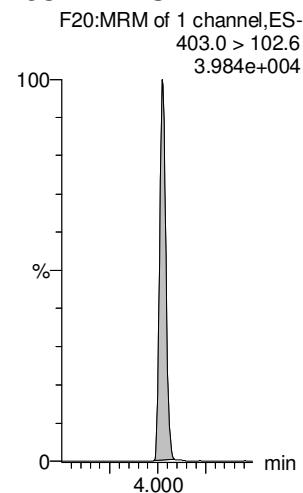
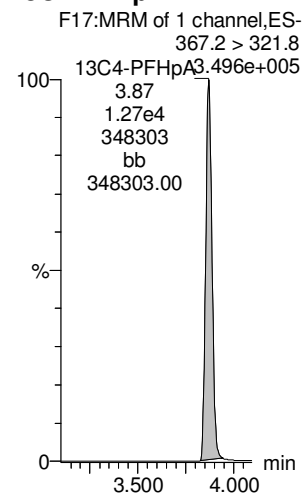
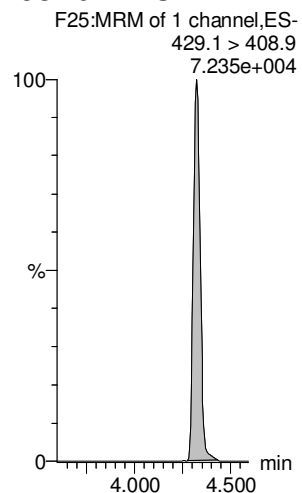
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806

PFOSA

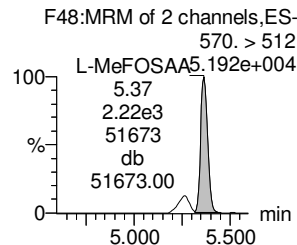
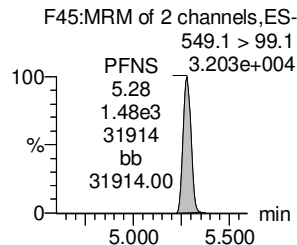
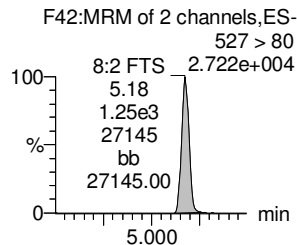
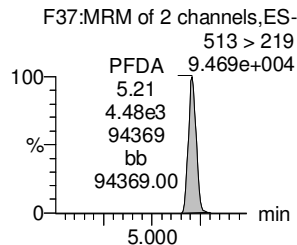
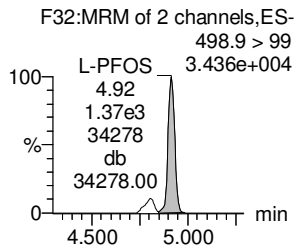
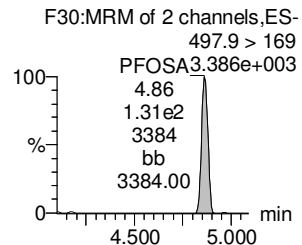
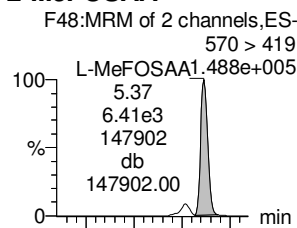
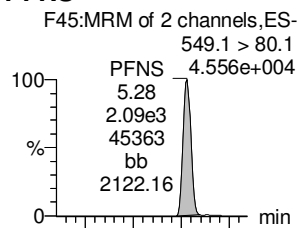
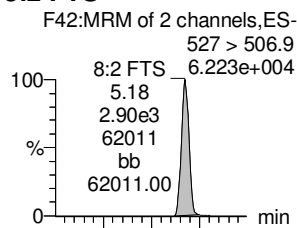
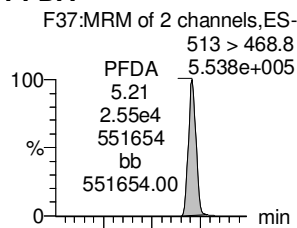
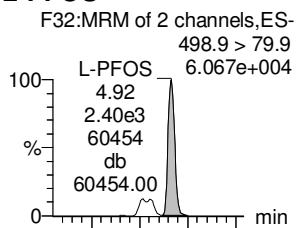
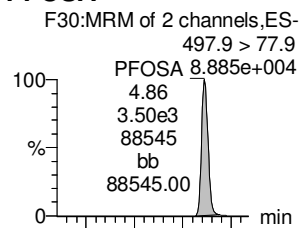
L-PFOS

PFDA

8:2 FTS

PFNS

L-MeFOSAA



13C8-PFOSA

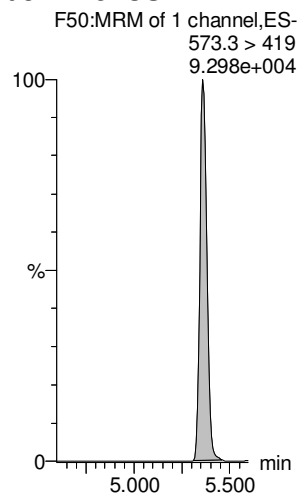
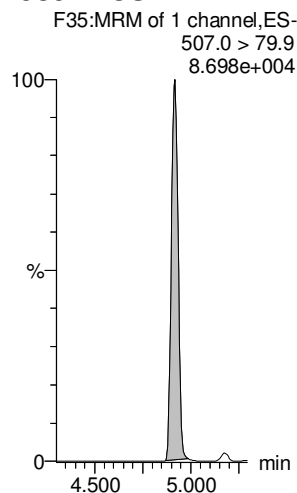
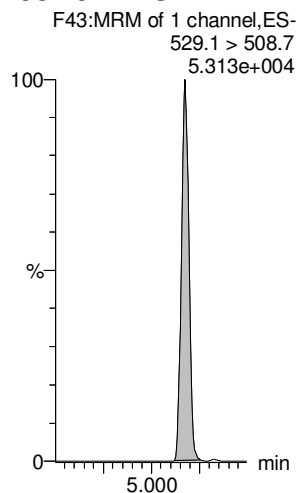
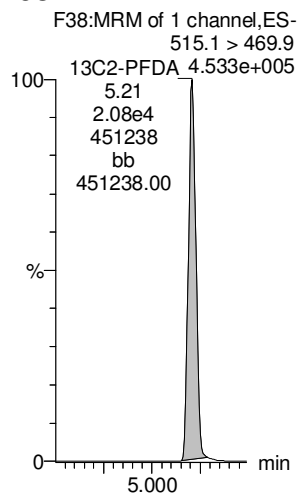
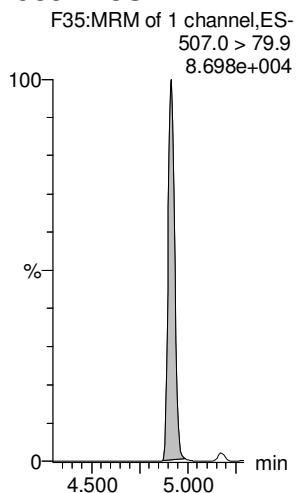
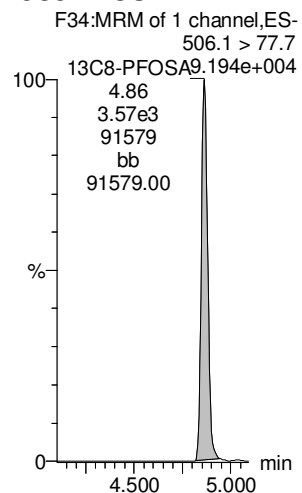
13C8-PFOS

13C2-PFDA

13C2-8:2 FTS

13C8-PFOS

d3-N-MeFOSAA

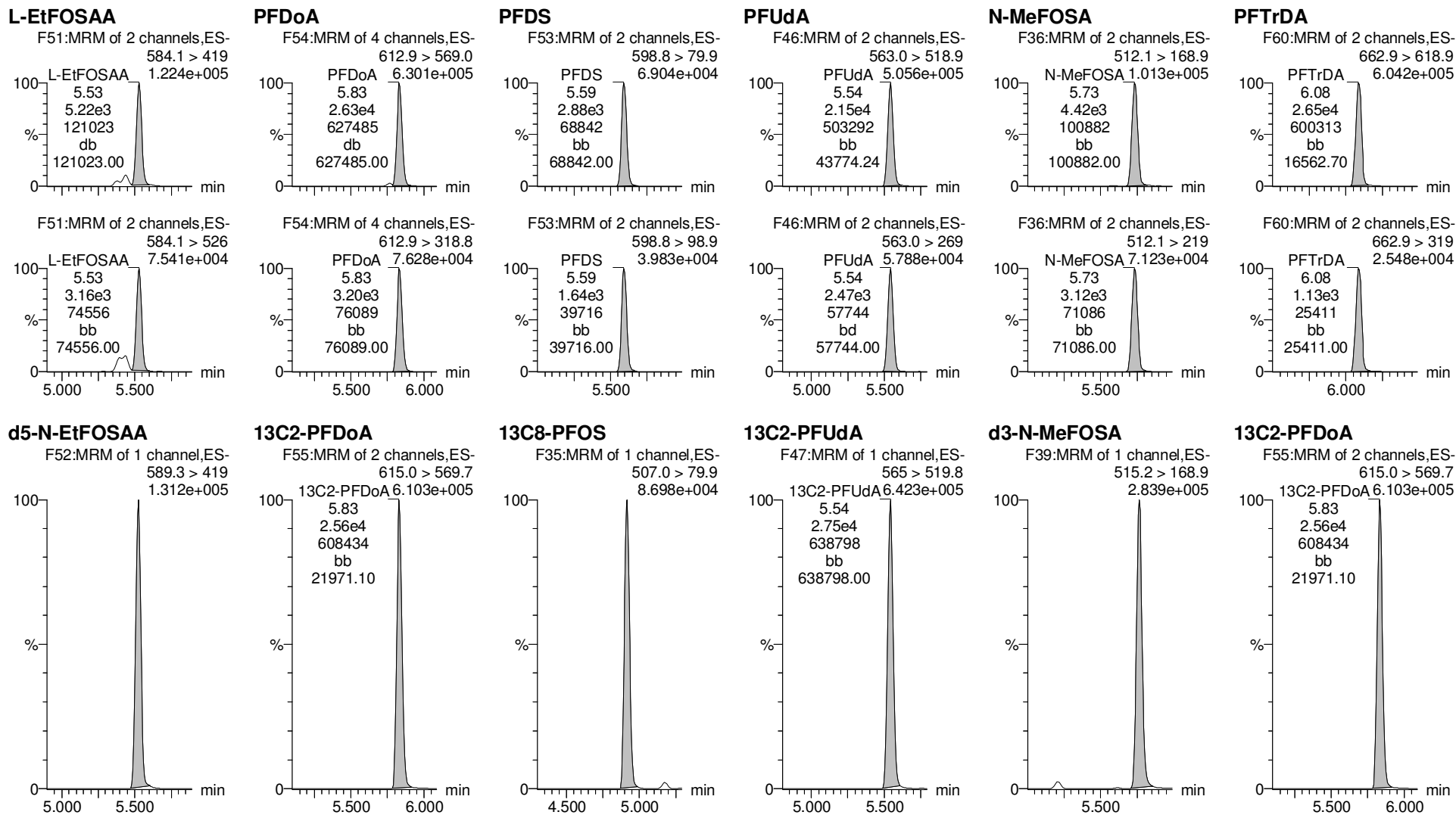


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806

PFTeDA

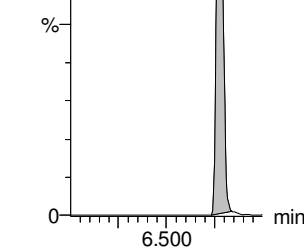
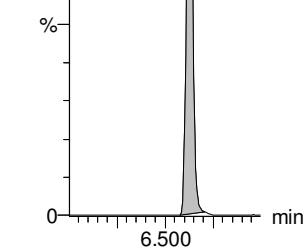
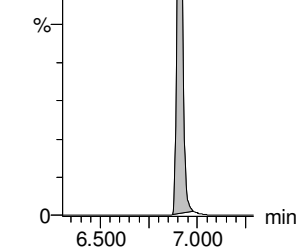
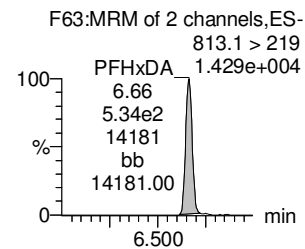
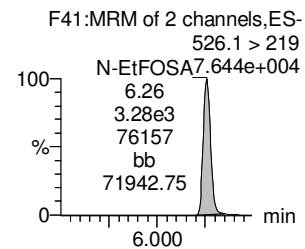
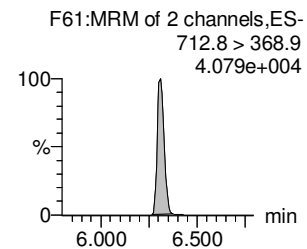
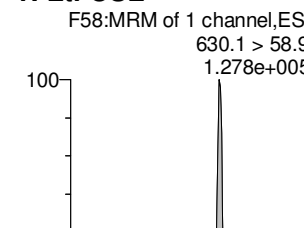
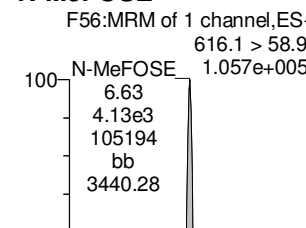
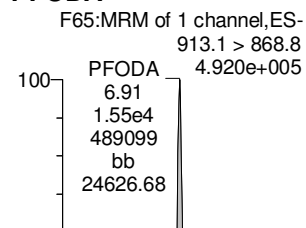
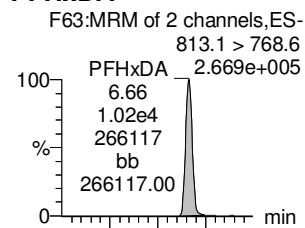
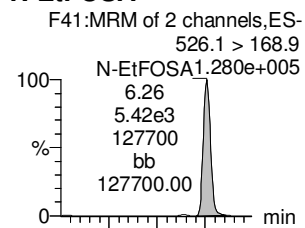
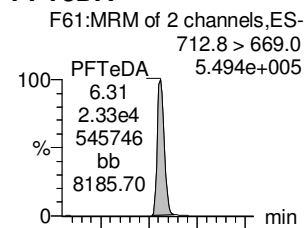
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

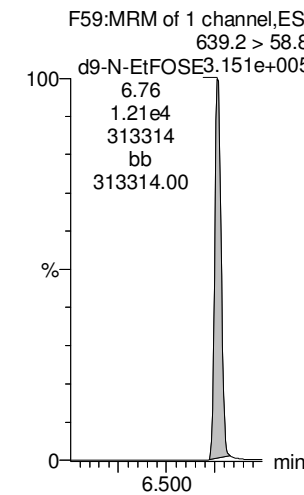
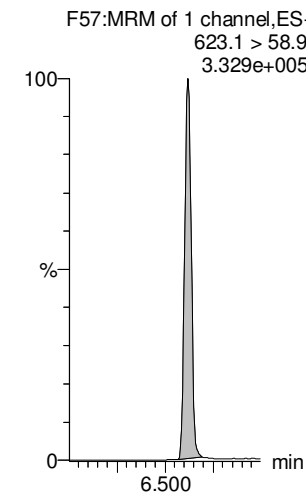
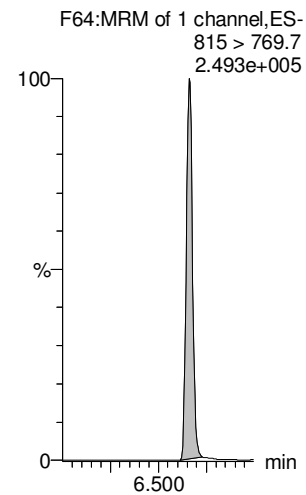
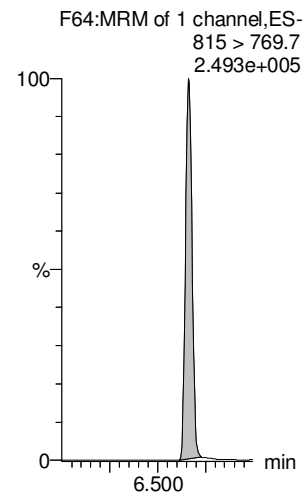
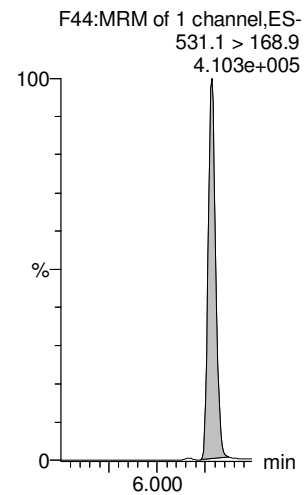
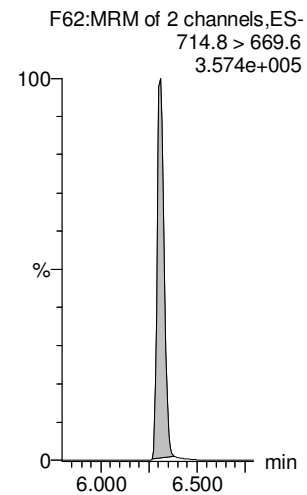
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



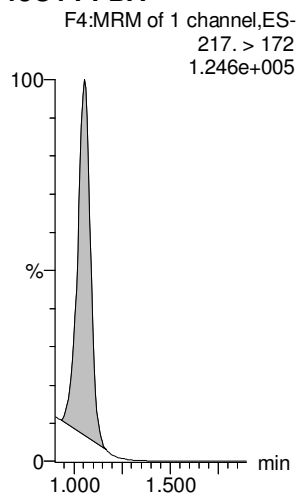
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

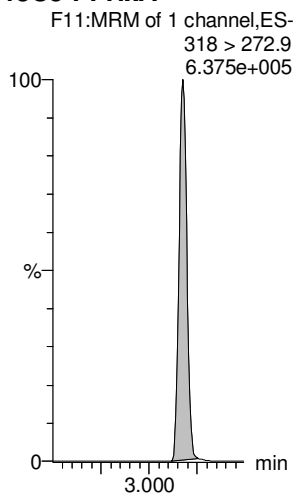
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_7, Date: 17-Oct-2018, Time: 13:10:57, ID: ST181017M1-6 PFC CS3 18J0806, Description: PFC CS3 18J0806

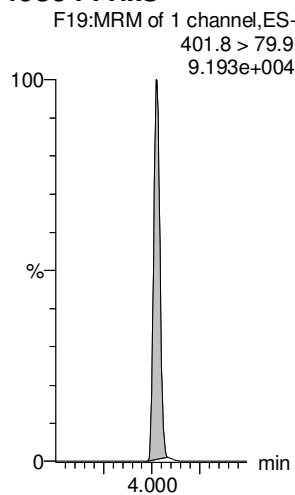
13C4-PFBA



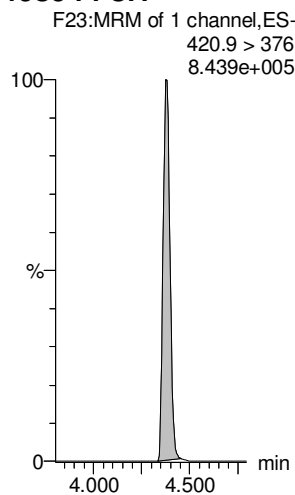
13C5-PFHxA



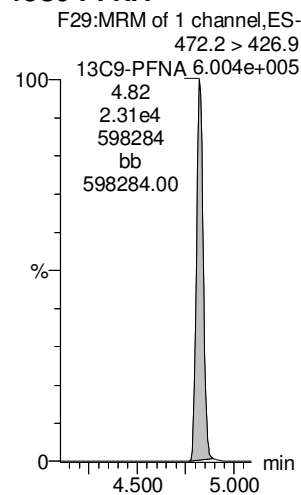
13C3-PFHxS



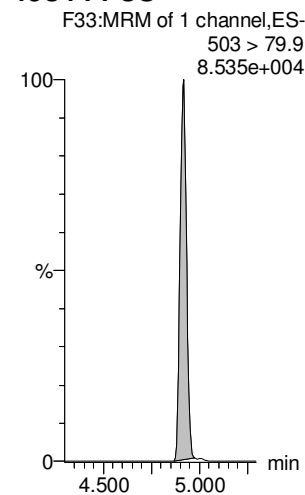
13C8-PFOA



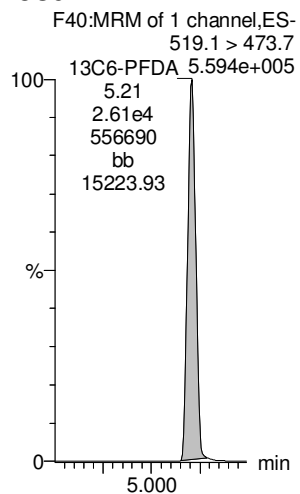
13C9-PFNA



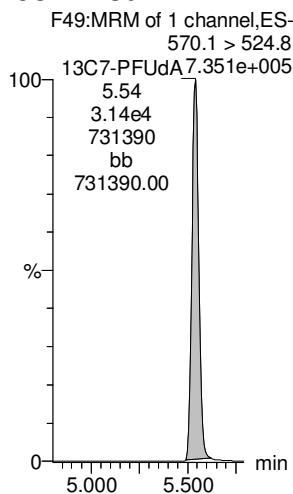
13C4-PFOS



13C6-PFDA



13C7-PFUdA

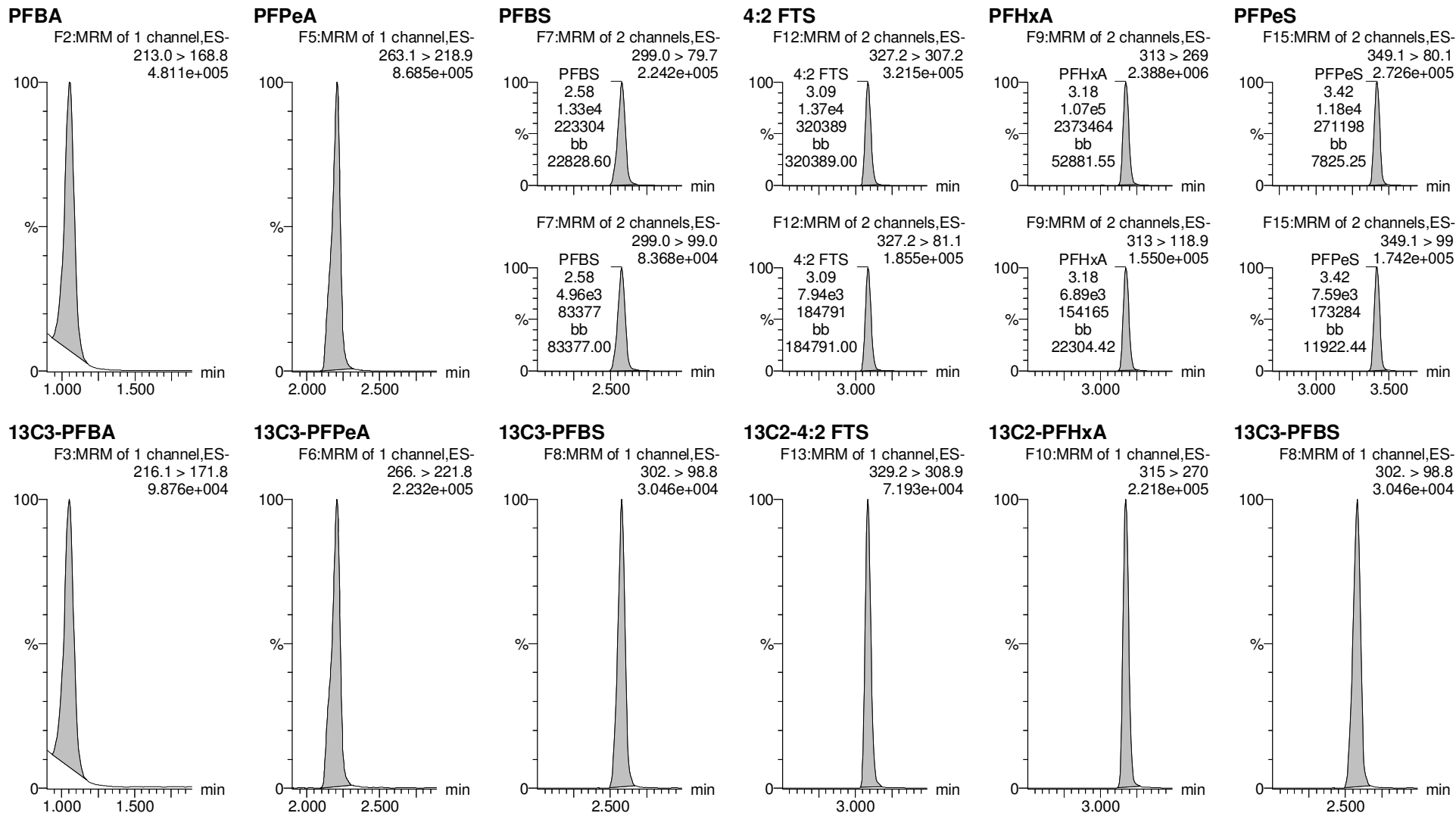


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_8, Date: 17-Oct-2018, Time: 13:21:27, ID: ST181017M1-7 PFC CS4 18J0807, Description: PFC CS4 18J0807



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_8, Date: 17-Oct-2018, Time: 13:21:27, ID: ST181017M1-7 PFC CS4 18J0807, Description: PFC CS4 18J0807

6:2 FTS

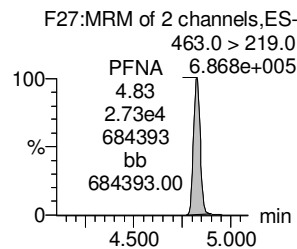
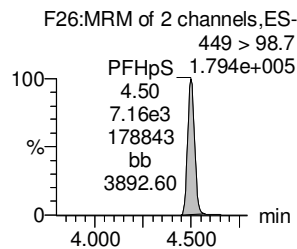
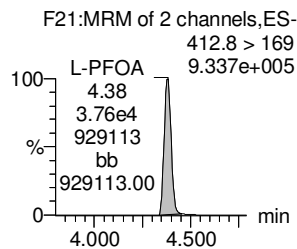
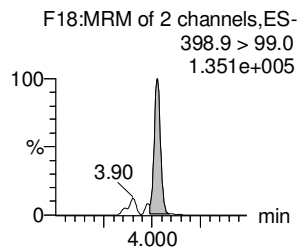
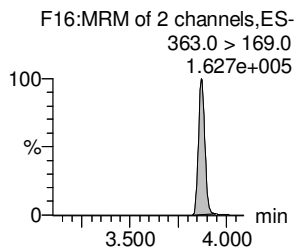
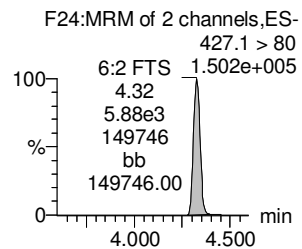
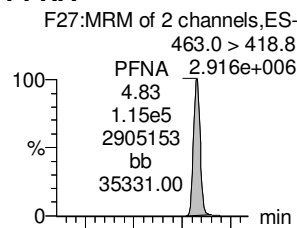
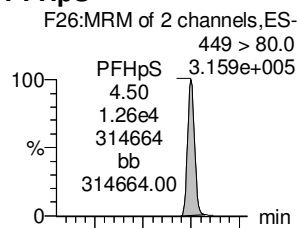
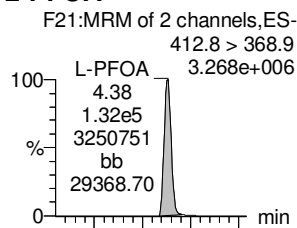
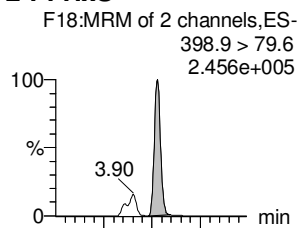
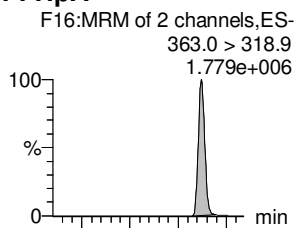
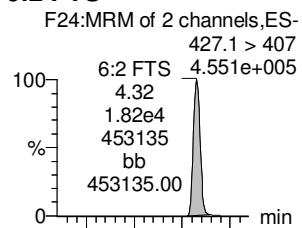
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

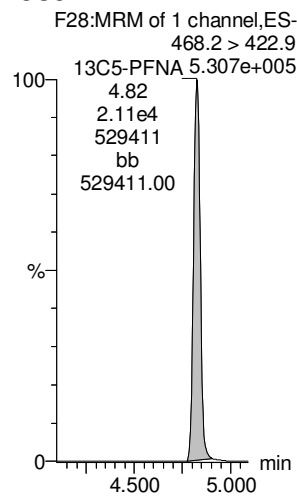
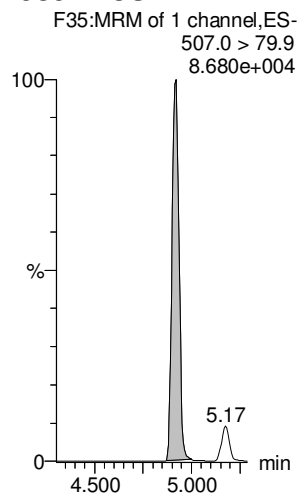
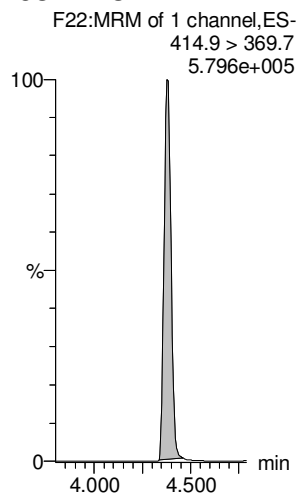
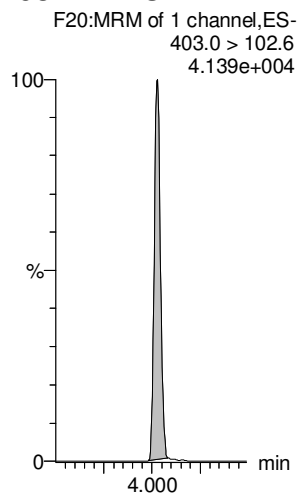
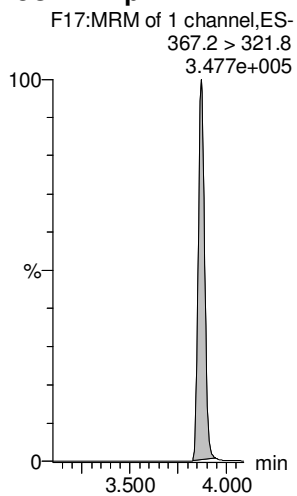
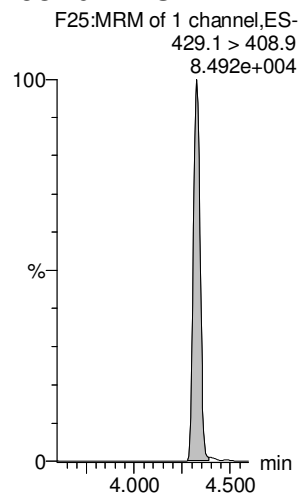
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



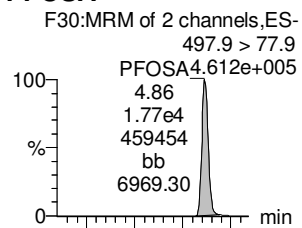
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

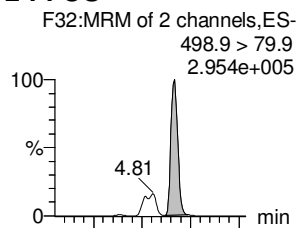
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_8, Date: 17-Oct-2018, Time: 13:21:27, ID: ST181017M1-7 PFC CS4 18J0807, Description: PFC CS4 18J0807

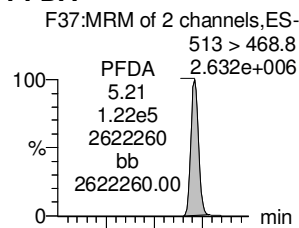
PFOSA



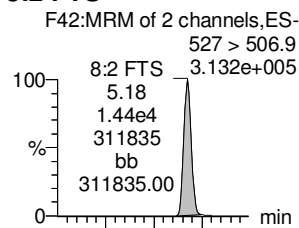
L-PFOS



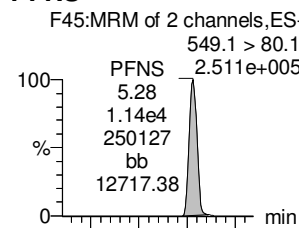
PFDA



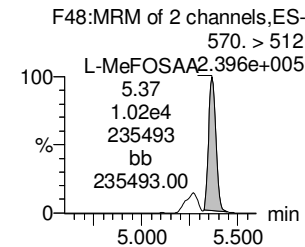
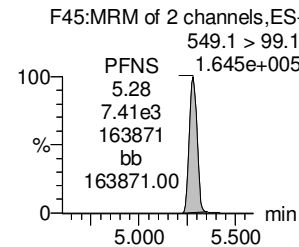
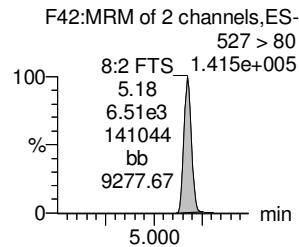
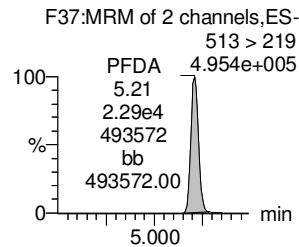
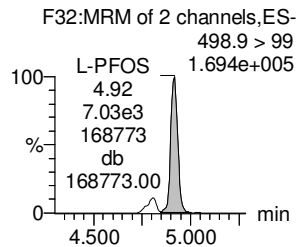
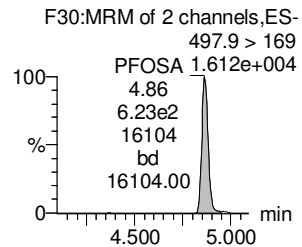
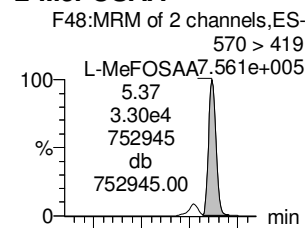
8:2 FTS



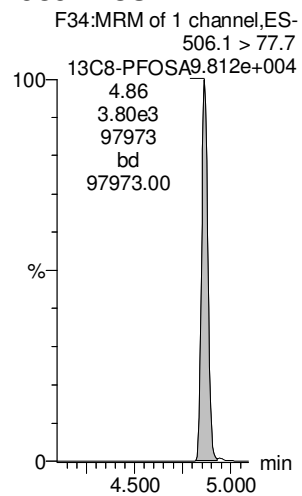
PFNS



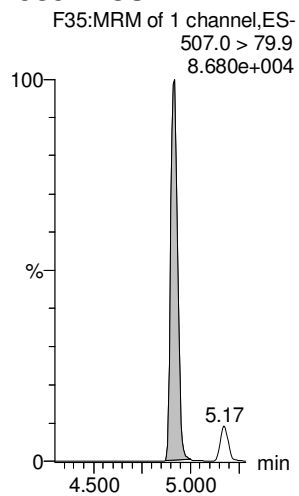
L-MeFOSAA



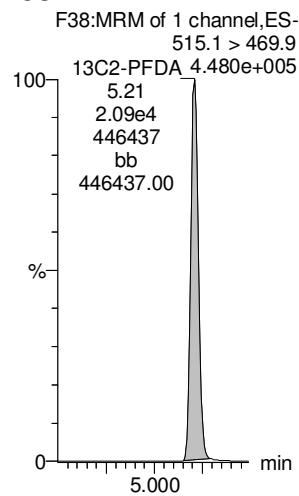
13C8-PFOA



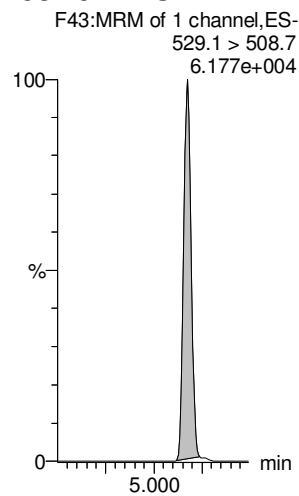
13C8-PFOS



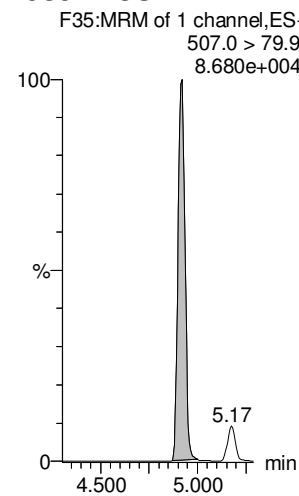
13C2-PFDA



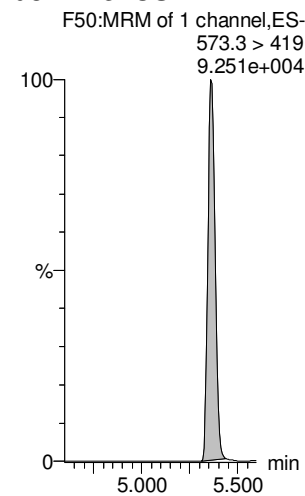
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



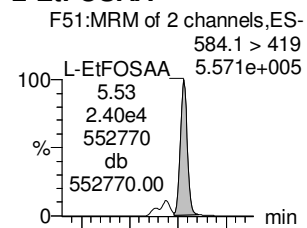
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

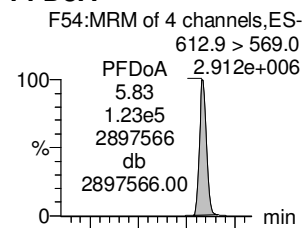
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_8, Date: 17-Oct-2018, Time: 13:21:27, ID: ST181017M1-7 PFC CS4 18J0807, Description: PFC CS4 18J0807

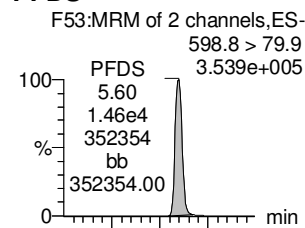
L-EtFOSAA



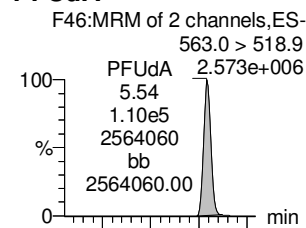
PFDoA



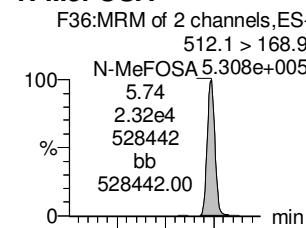
PFDS



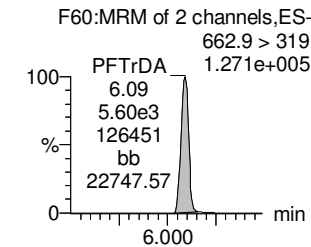
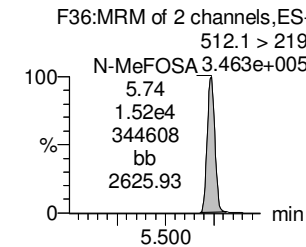
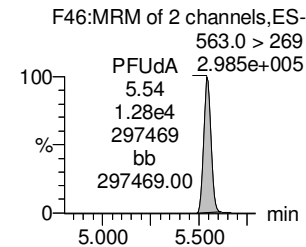
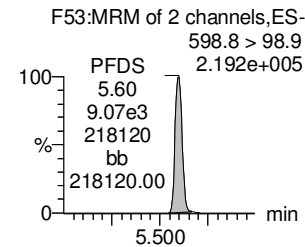
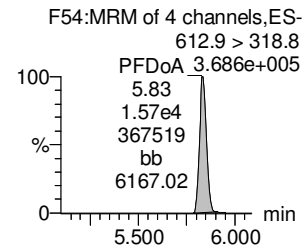
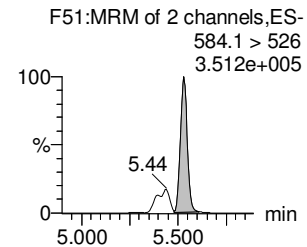
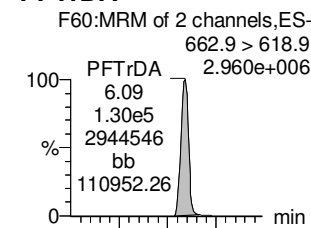
PFUdA



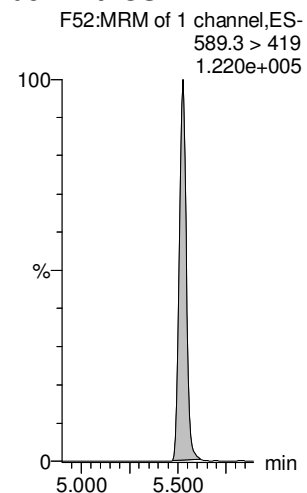
N-MeFOSA



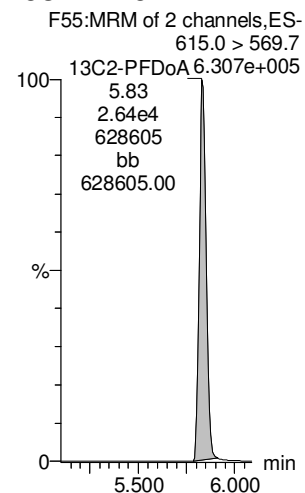
PFTrDA



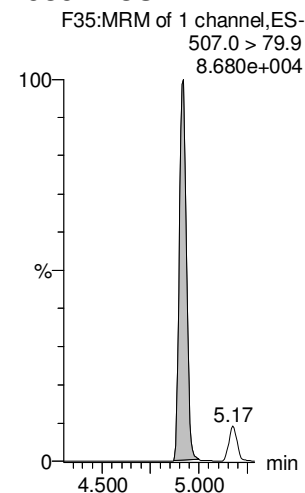
d5-N-EtFOSAA



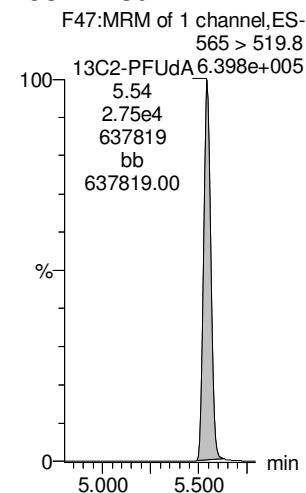
13C2-PFDoA



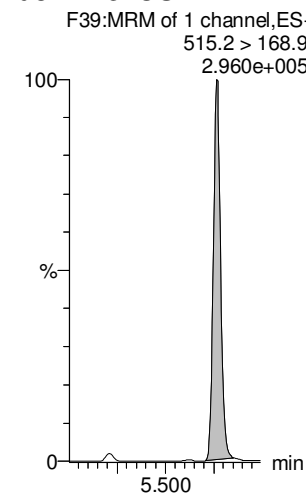
13C8-PFOS



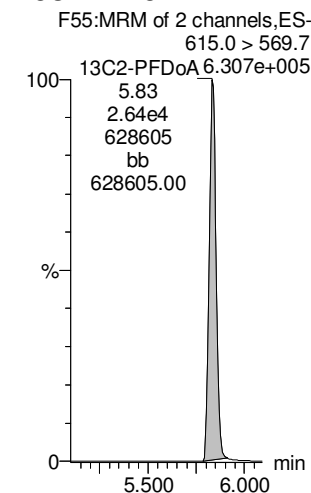
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_8, Date: 17-Oct-2018, Time: 13:21:27, ID: ST181017M1-7 PFC CS4 18J0807, Description: PFC CS4 18J0807

PFTeDA

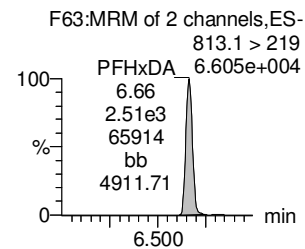
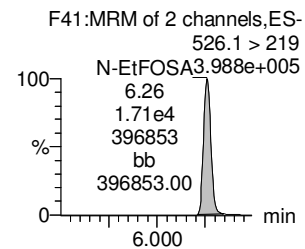
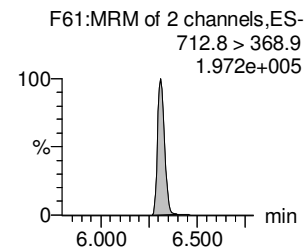
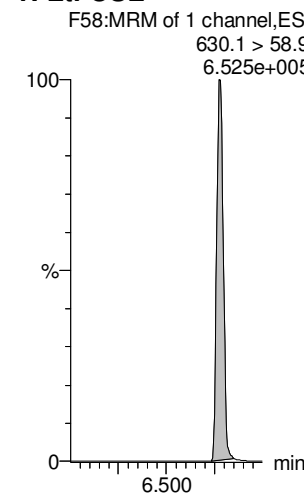
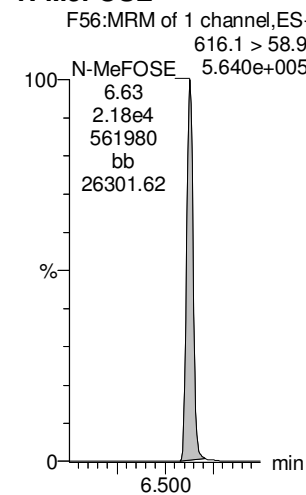
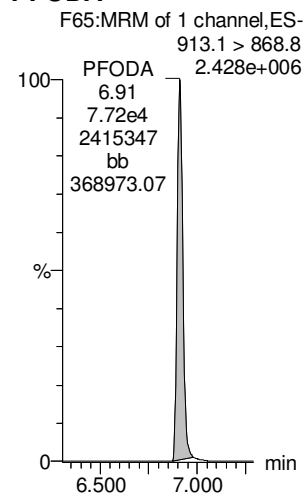
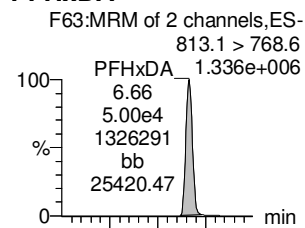
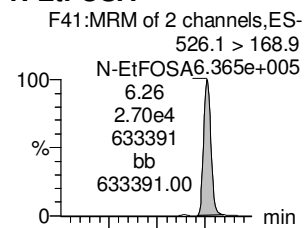
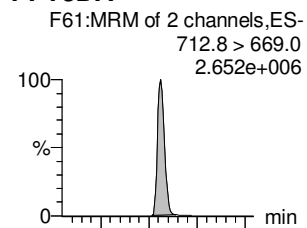
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

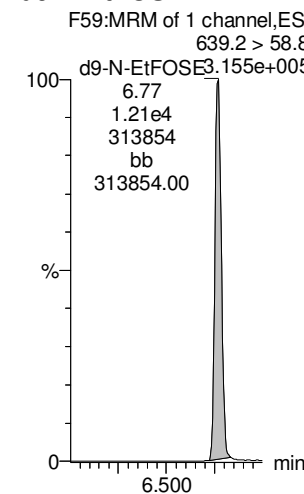
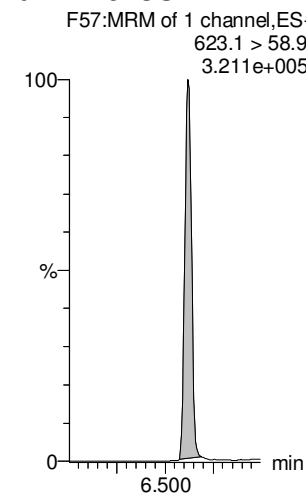
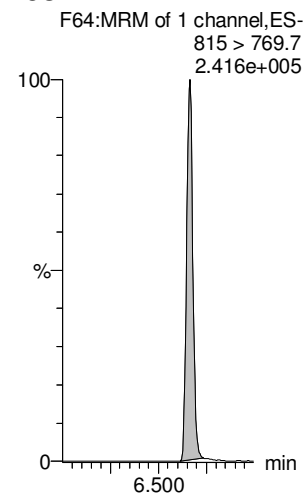
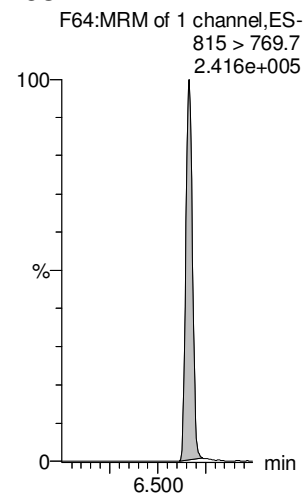
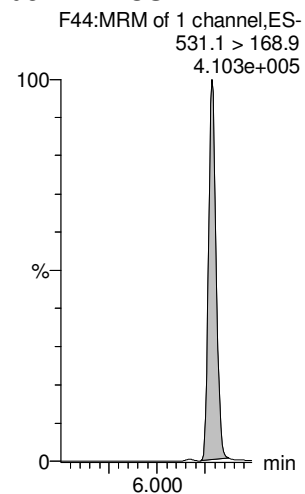
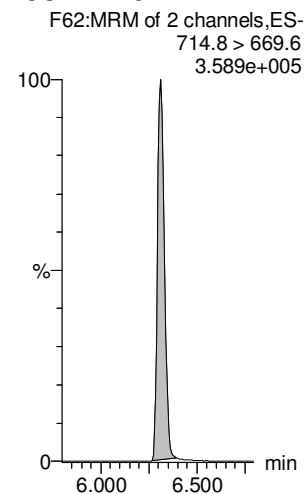
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



Dataset: Untitled

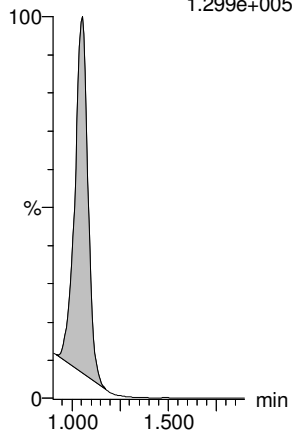
Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_8, Date: 17-Oct-2018, Time: 13:21:27, ID: ST181017M1-7 PFC CS4 18J0807, Description: PFC CS4 18J0807

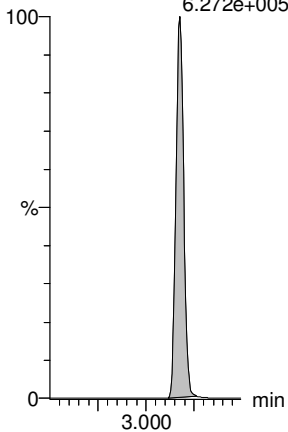
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.299e+005



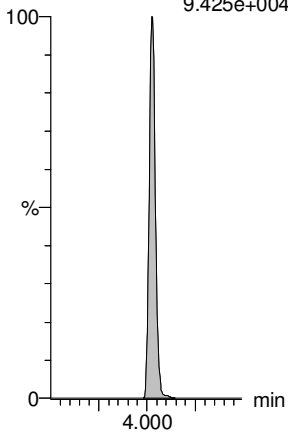
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
6.272e+005



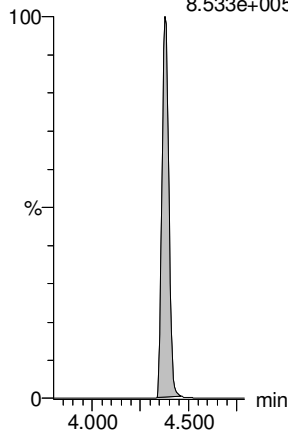
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
9.425e+004



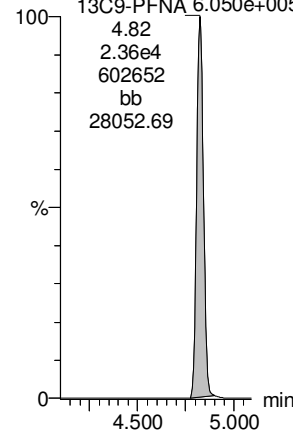
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
8.533e+005



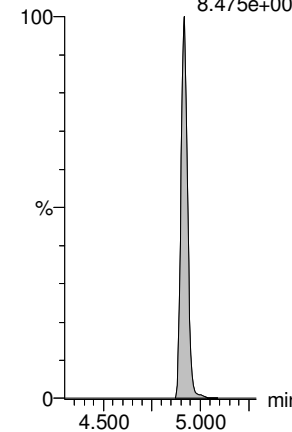
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.050e+005



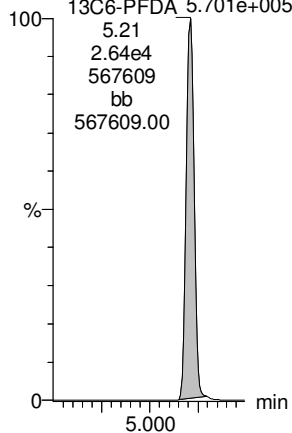
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
8.475e+004



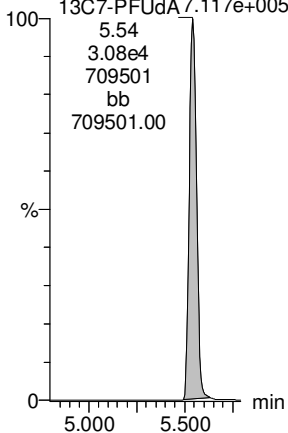
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
5.701e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.117e+005



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_9, Date: 17-Oct-2018, Time: 13:32:06, ID: ST181017M1-8 PFC CS5 18J0808, Description: PFC CS5 18J0808

PFBA

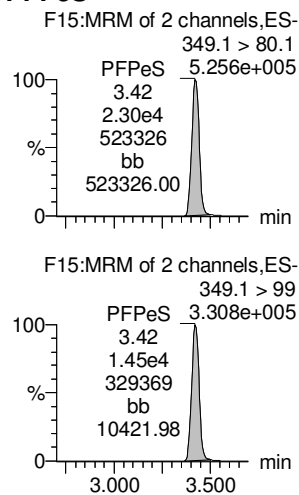
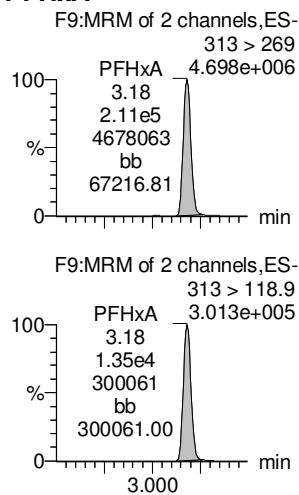
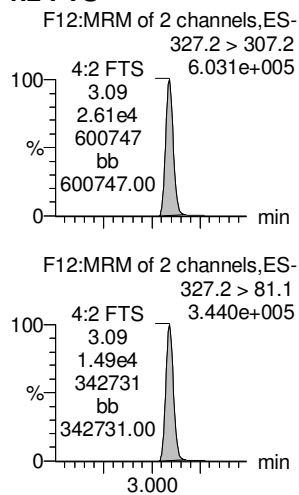
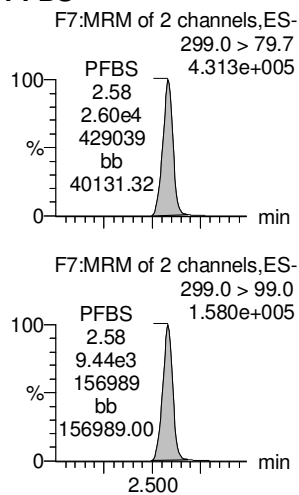
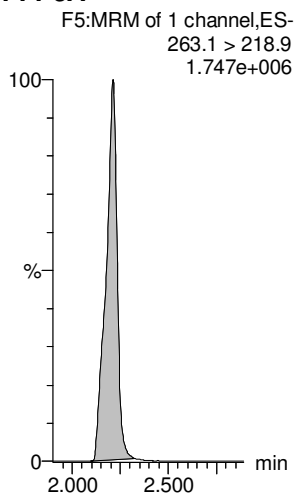
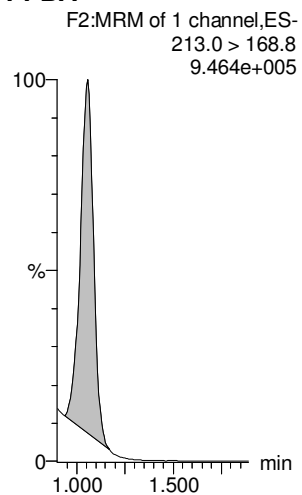
PFPeA

PFBS

4:2 FTS

PFHxA

PFPeS



13C3-PFBA

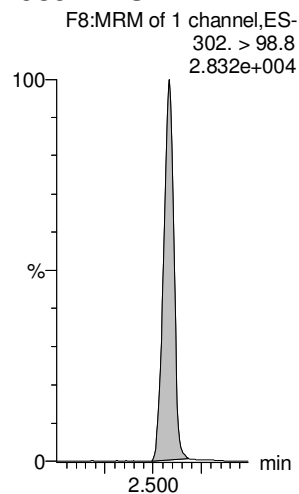
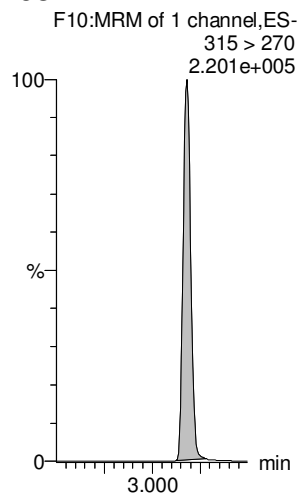
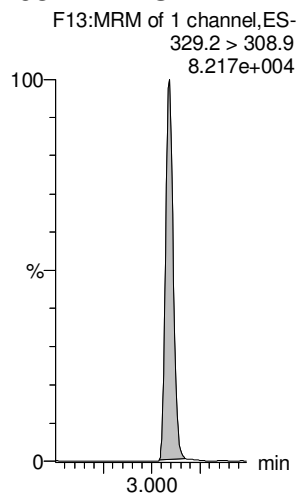
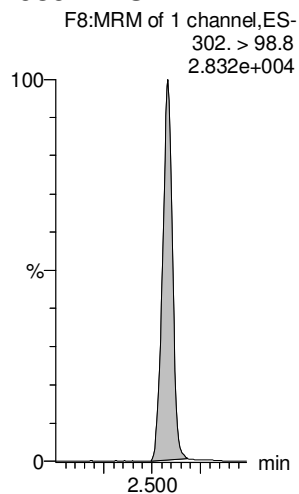
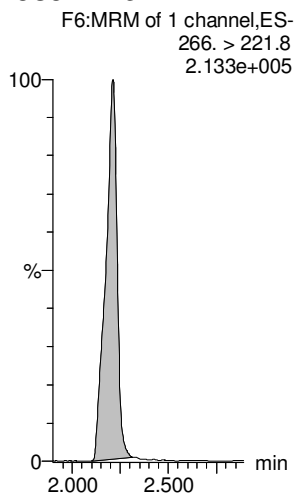
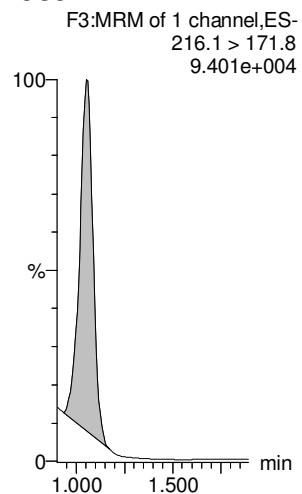
13C3-PFPeA

13C3-PFBS

13C2-4:2 FTS

13C2-PFHxA

13C3-PFBS



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_9, Date: 17-Oct-2018, Time: 13:32:06, ID: ST181017M1-8 PFC CS5 18J0808, Description: PFC CS5 18J0808

6:2 FTS

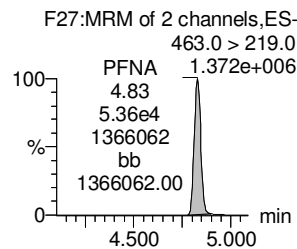
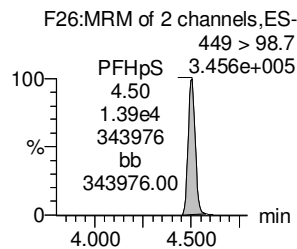
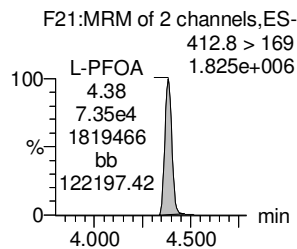
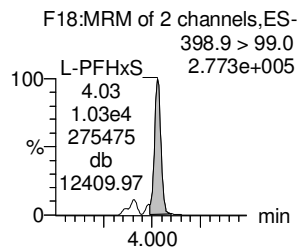
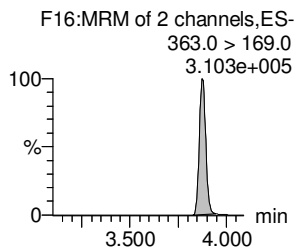
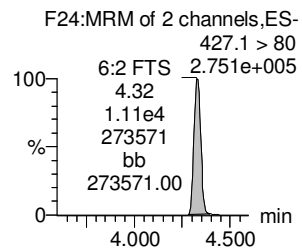
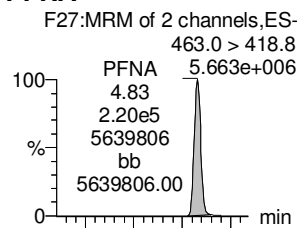
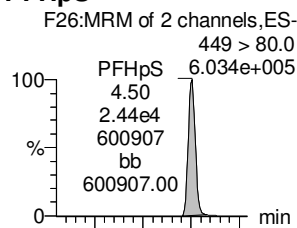
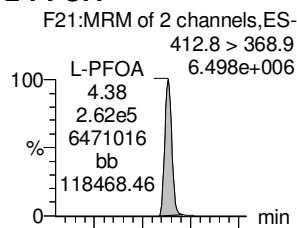
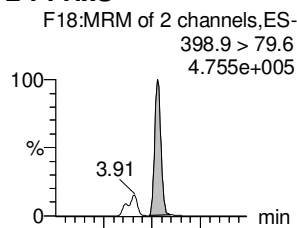
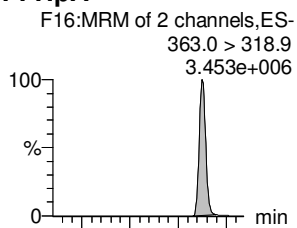
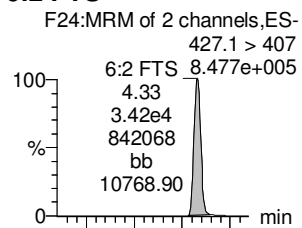
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

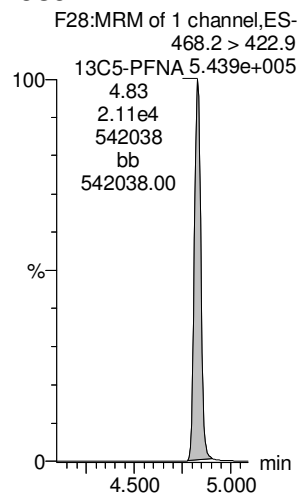
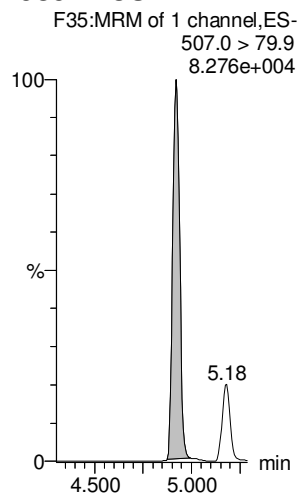
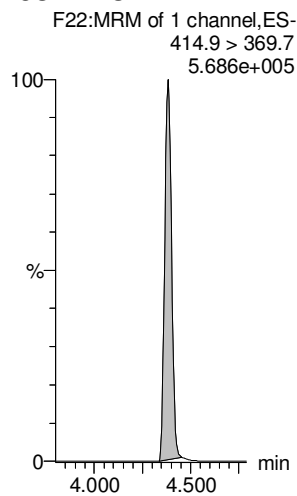
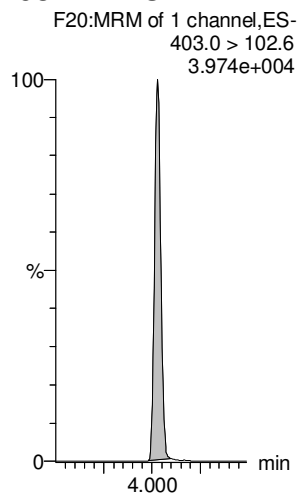
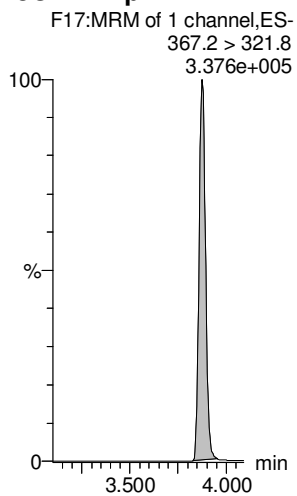
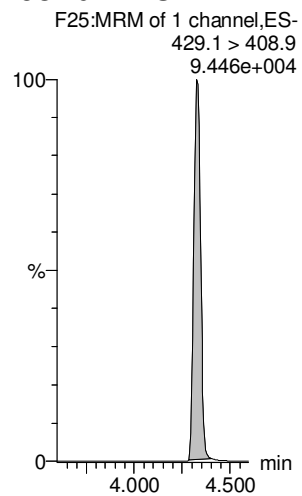
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_9, Date: 17-Oct-2018, Time: 13:32:06, ID: ST181017M1-8 PFC CS5 18J0808, Description: PFC CS5 18J0808

PFOSA

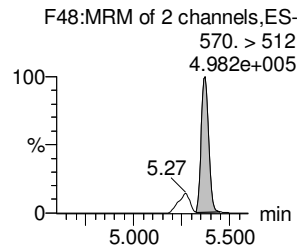
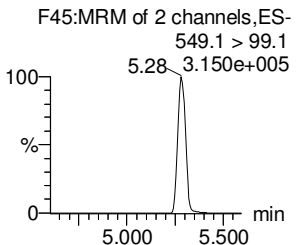
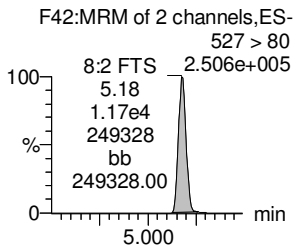
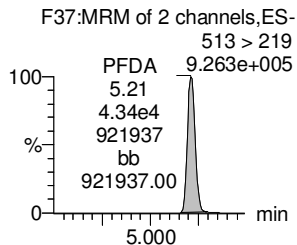
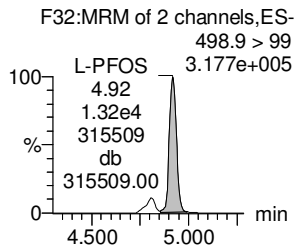
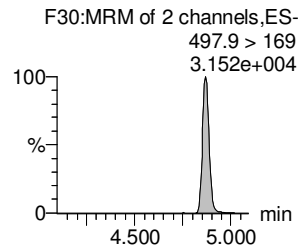
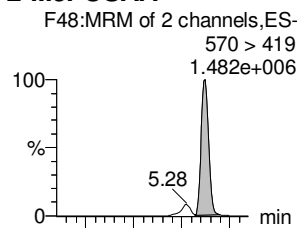
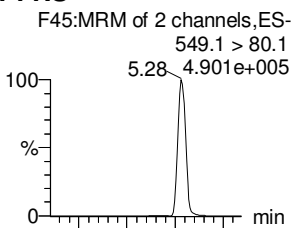
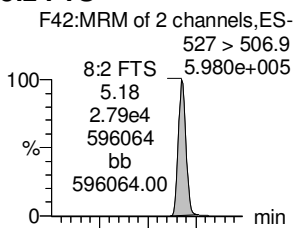
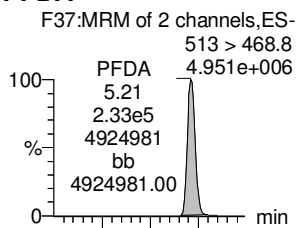
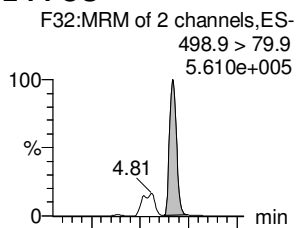
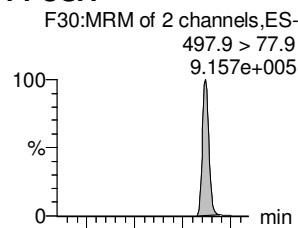
L-PFOS

PFDA

8:2 FTS

PFNS

L-MeFOSAA



13C8-PFOSA

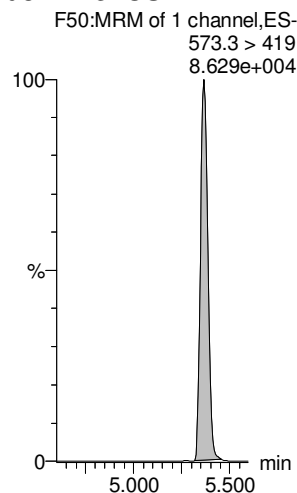
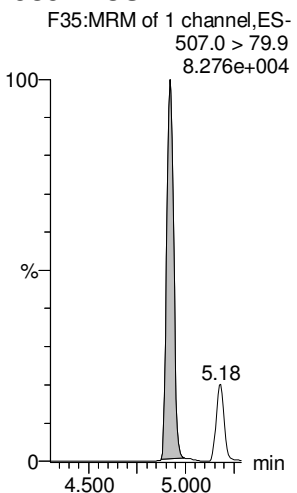
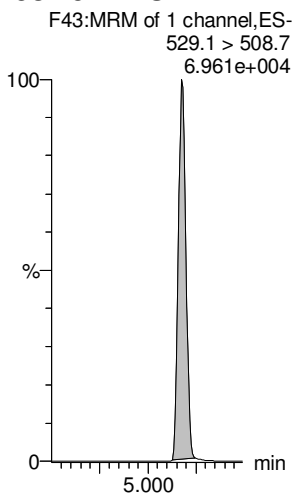
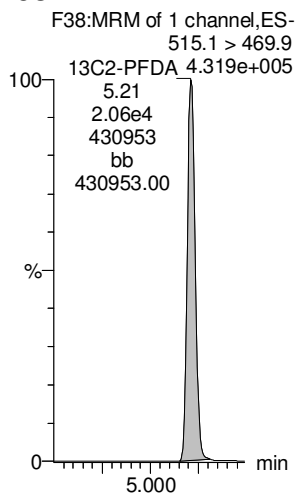
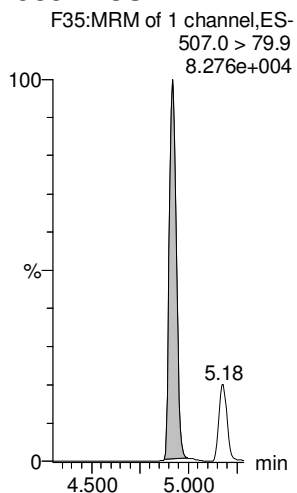
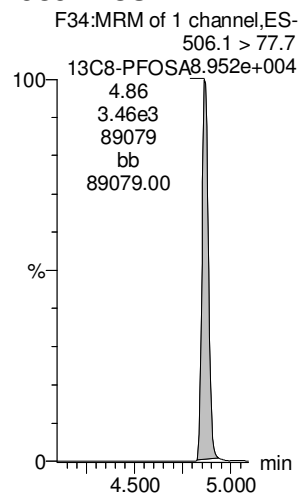
13C8-PFOS

13C2-PFDA

13C2-8:2 FTS

13C8-PFOS

d3-N-MeFOSAA

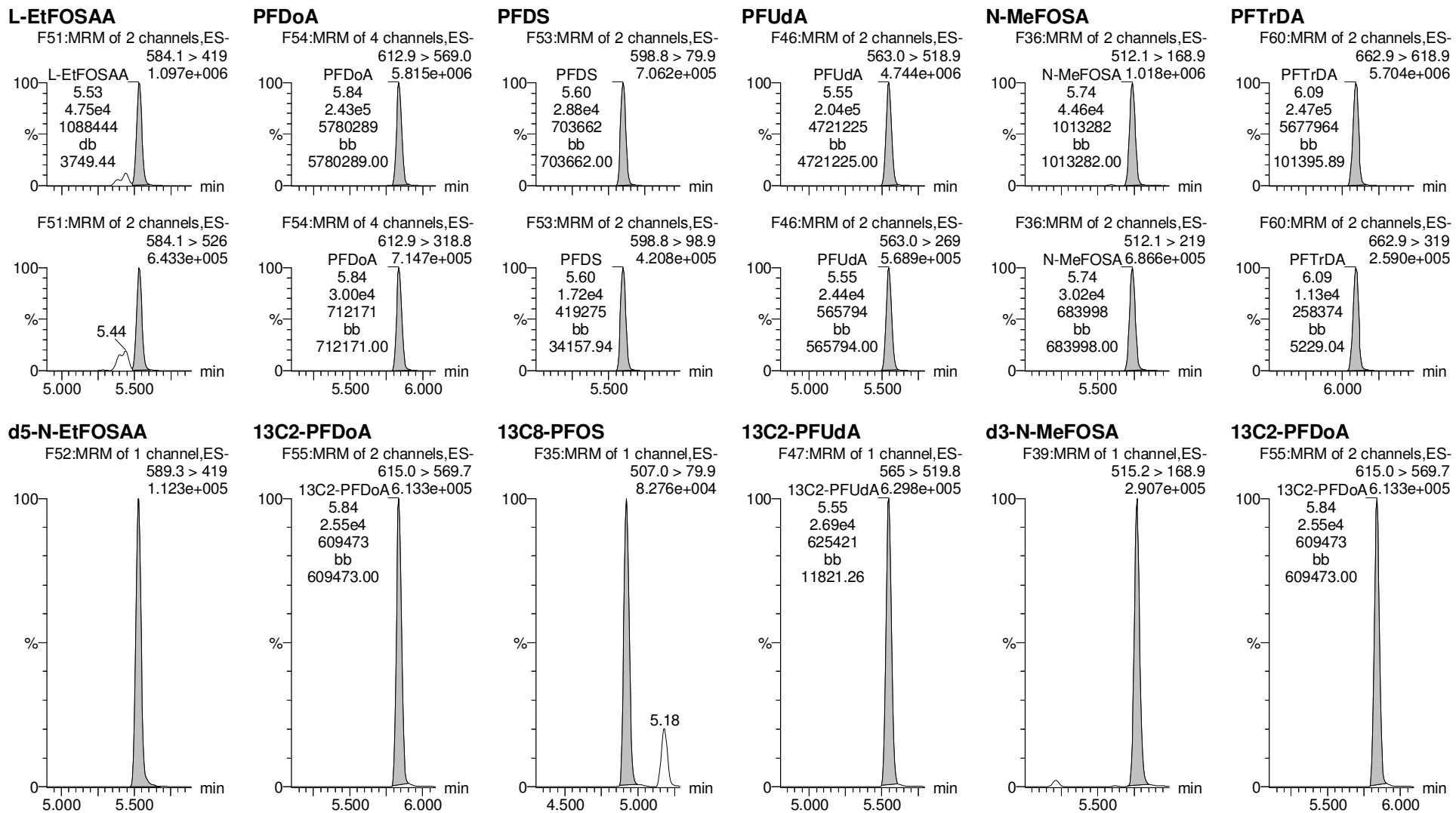


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_9, Date: 17-Oct-2018, Time: 13:32:06, ID: ST181017M1-8 PFC CS5 18J0808, Description: PFC CS5 18J0808



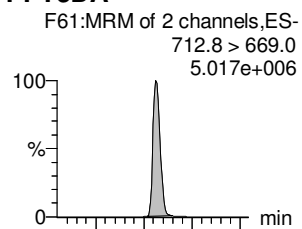
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

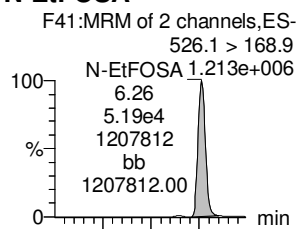
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_9, Date: 17-Oct-2018, Time: 13:32:06, ID: ST181017M1-8 PFC CS5 18J0808, Description: PFC CS5 18J0808

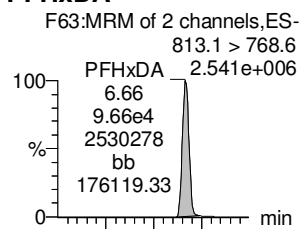
PFTeDA



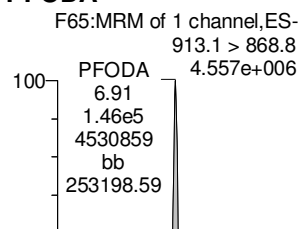
N-EtFOSA



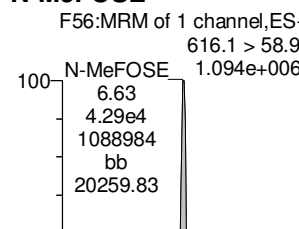
PFHxDA



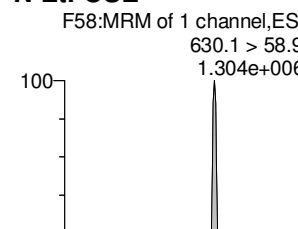
PFODA



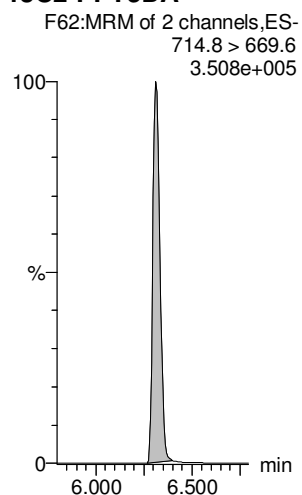
N-MeFOSE



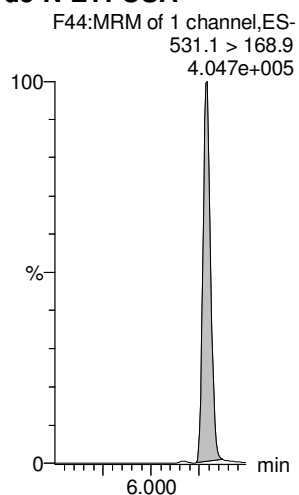
N-EtFOSE



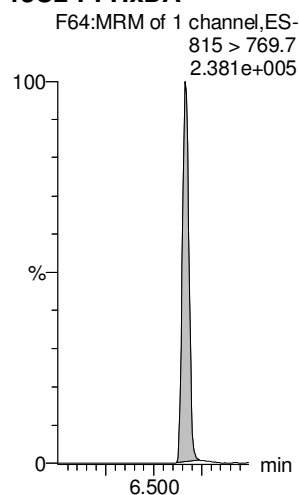
13C2-PFTeDA



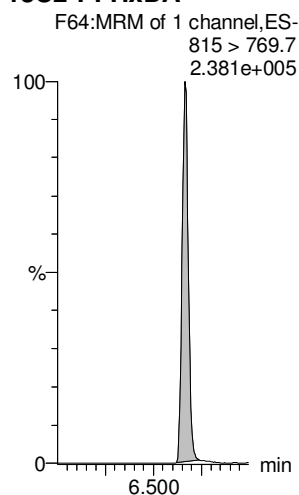
d5-N-ETFOSA



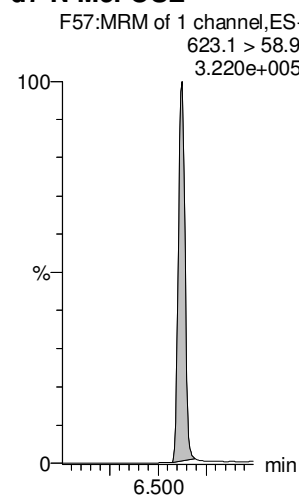
13C2-PFHxDA



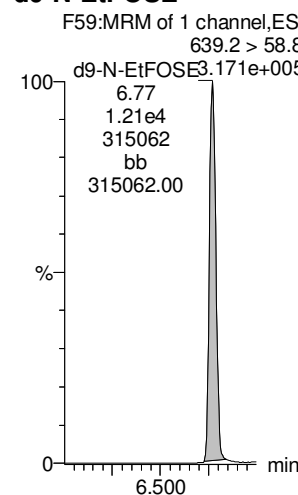
13C2-PFODA



d7-N-MeFOSE



d9-N-EtFOSE



Dataset: Untitled

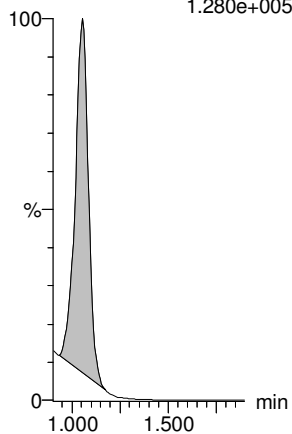
Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_9, Date: 17-Oct-2018, Time: 13:32:06, ID: ST181017M1-8 PFC CS5 18J0808, Description: PFC CS5 18J0808

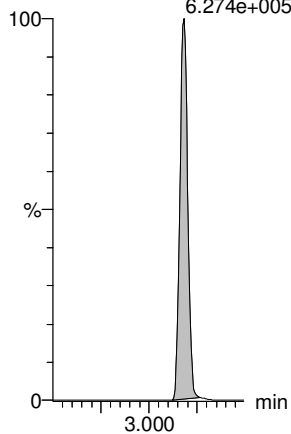
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.280e+005



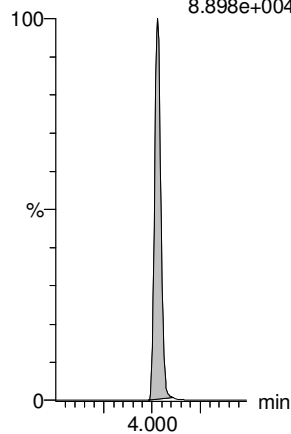
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
6.274e+005



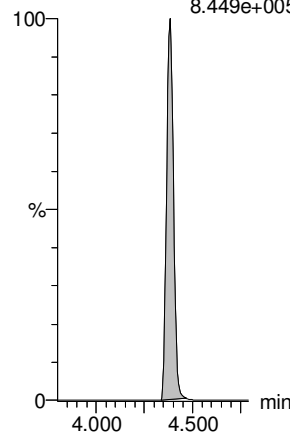
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
8.898e+004



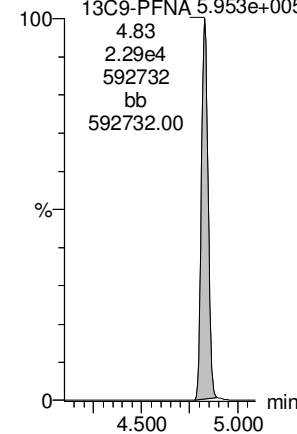
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
8.449e+005



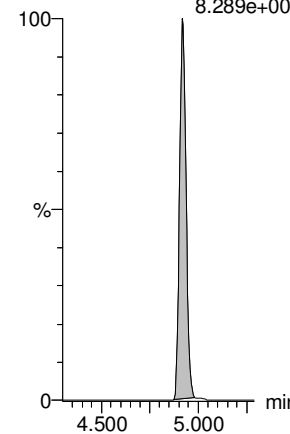
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
5.953e+005



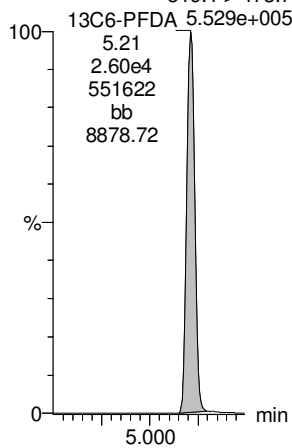
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
8.289e+004



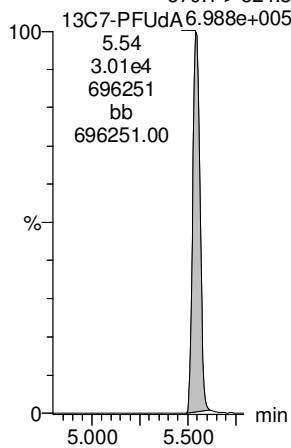
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
5.529e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
6.988e+005

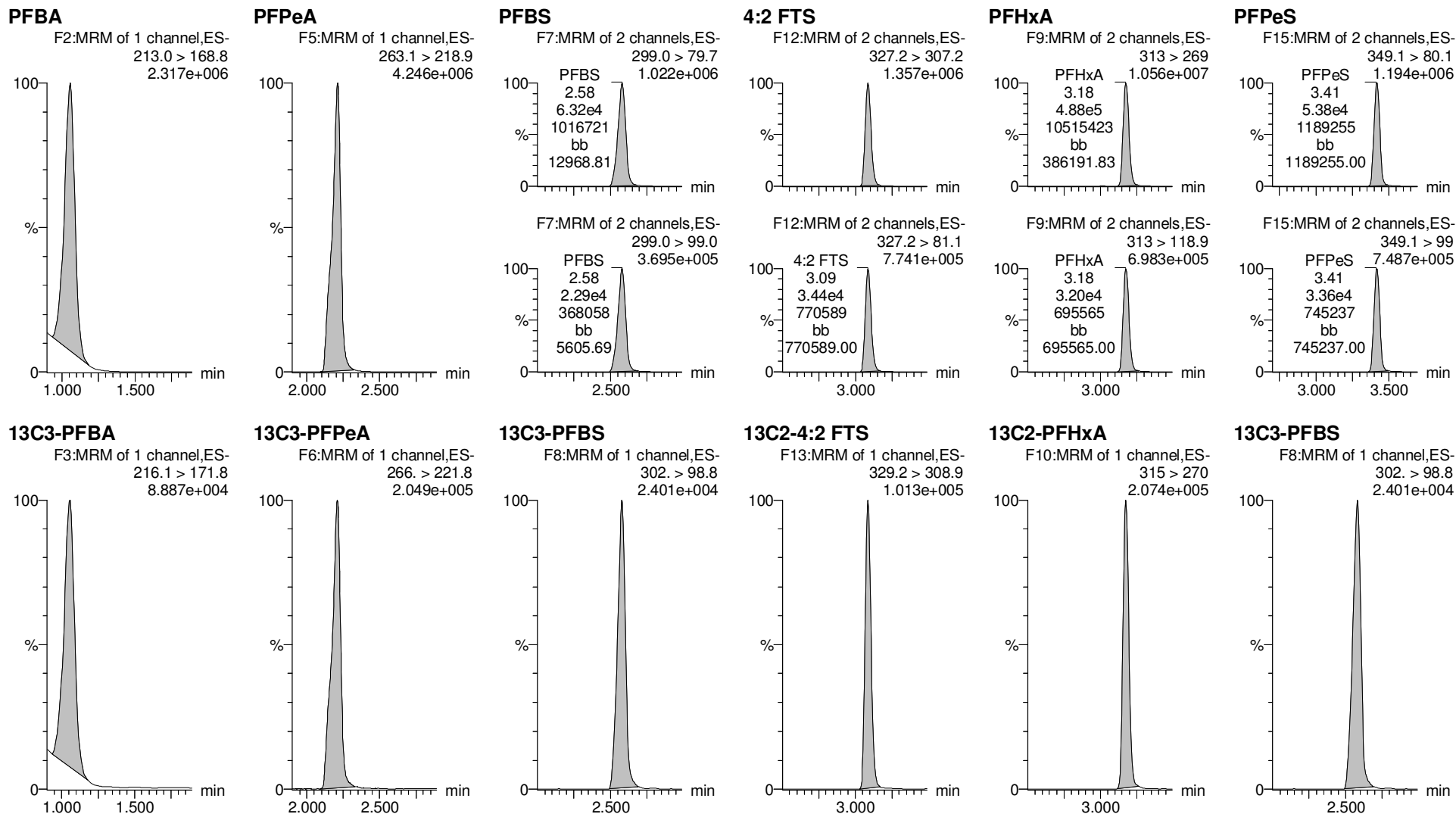


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_10, Date: 17-Oct-2018, Time: 13:42:39, ID: ST181017M1-9 PFC CS6 18J0809, Description: PFC CS6 18J0809

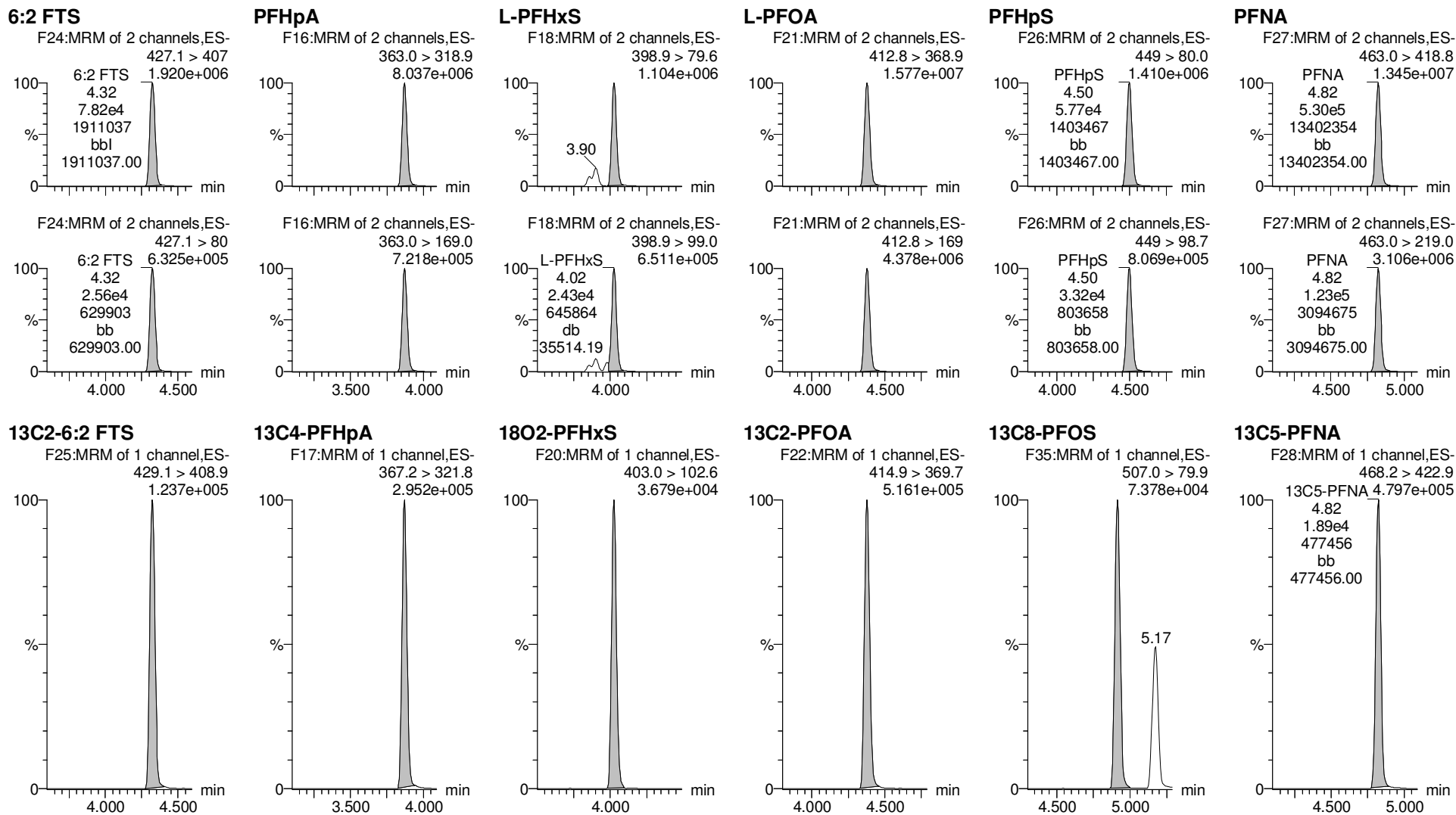


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_10, Date: 17-Oct-2018, Time: 13:42:39, ID: ST181017M1-9 PFC CS6 18J0809, Description: PFC CS6 18J0809



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_10, Date: 17-Oct-2018, Time: 13:42:39, ID: ST181017M1-9 PFC CS6 18J0809, Description: PFC CS6 18J0809

PFOSA

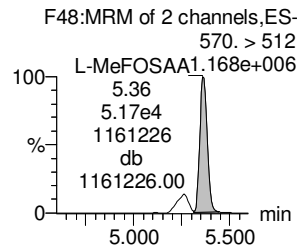
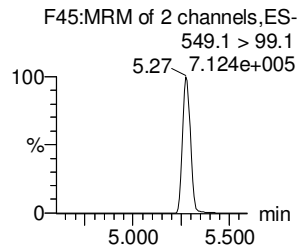
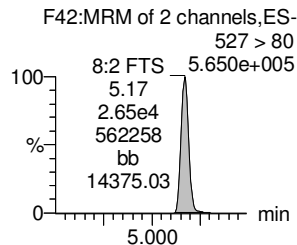
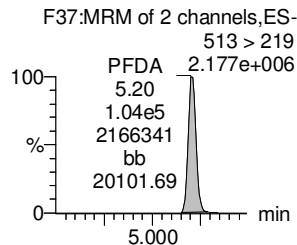
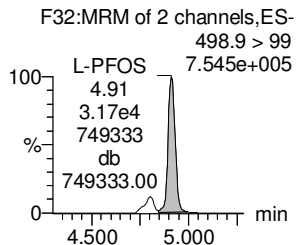
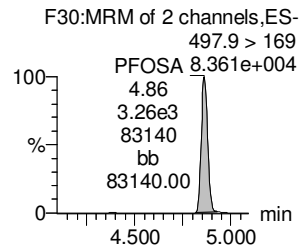
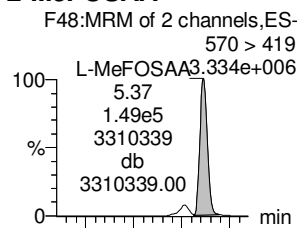
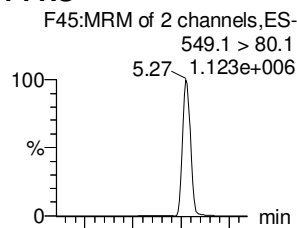
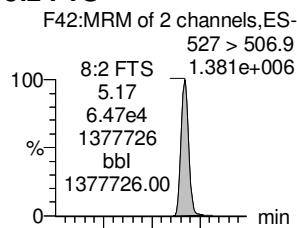
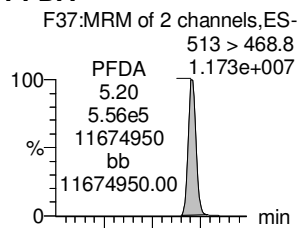
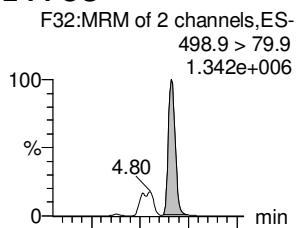
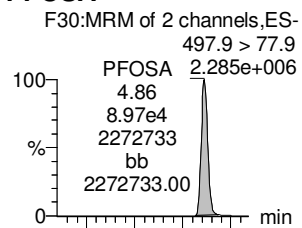
L-PFOS

PFDA

8:2 FTS

PFNS

L-MeFOSAA



13C8-PFOSA

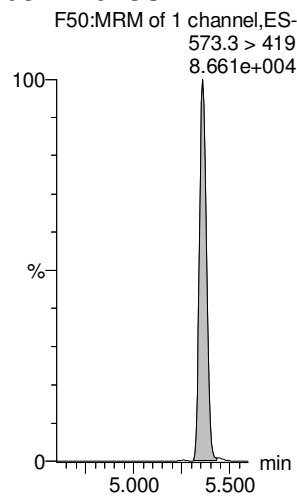
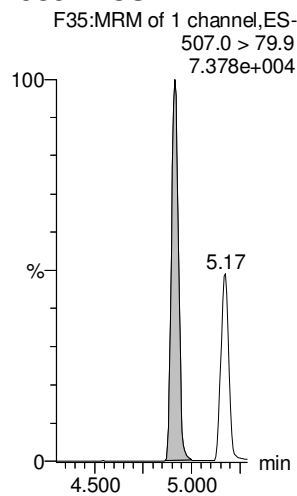
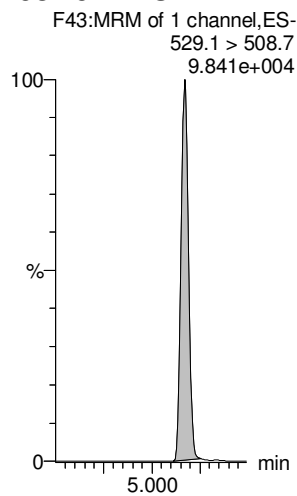
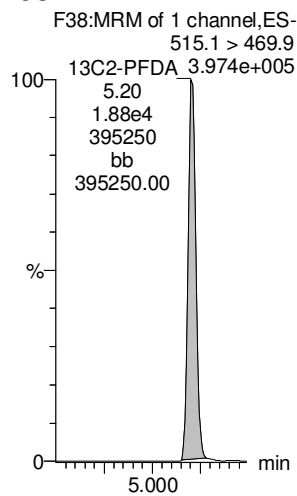
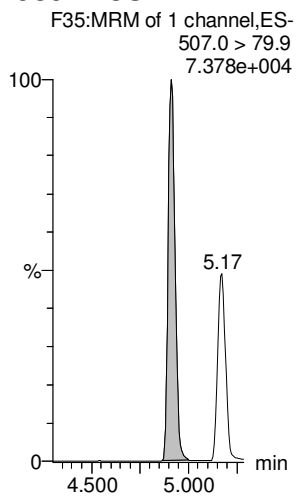
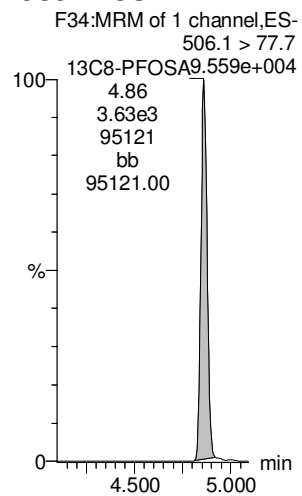
13C8-PFOS

13C2-PFDA

13C2-8:2 FTS

13C8-PFOS

d3-N-MeFOSAA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_10, Date: 17-Oct-2018, Time: 13:42:39, ID: ST181017M1-9 PFC CS6 18J0809, Description: PFC CS6 18J0809

L-EtFOSAA

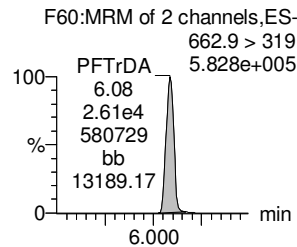
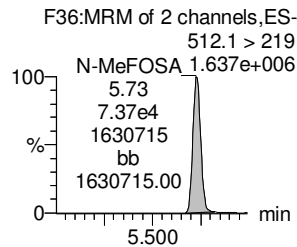
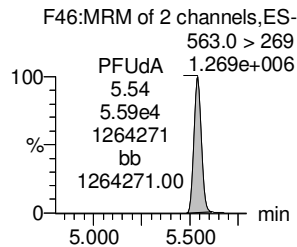
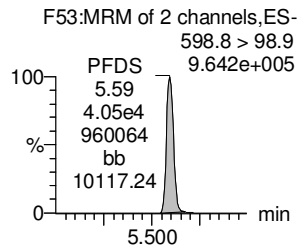
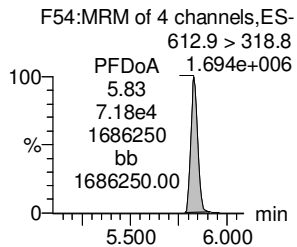
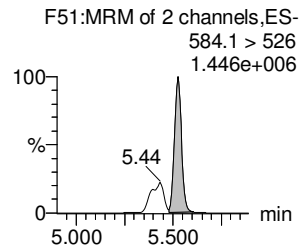
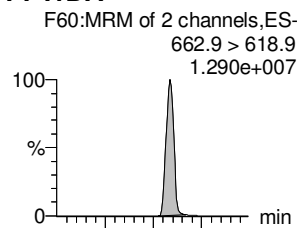
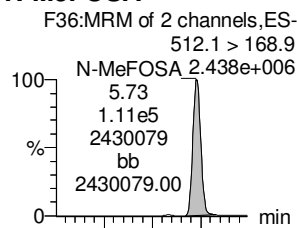
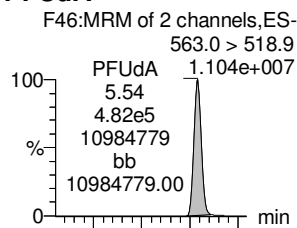
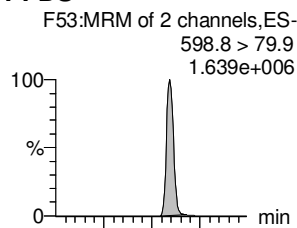
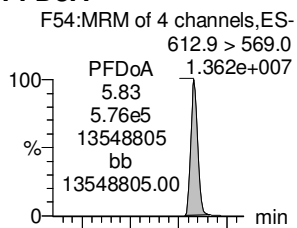
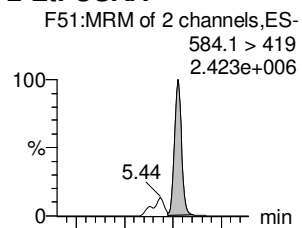
PFDoA

PFDS

PFUdA

N-MeFOSA

PFTrDA



d5-N-EtFOSAA

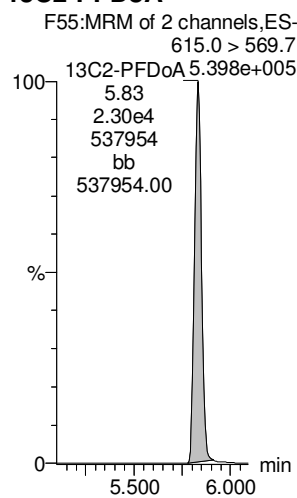
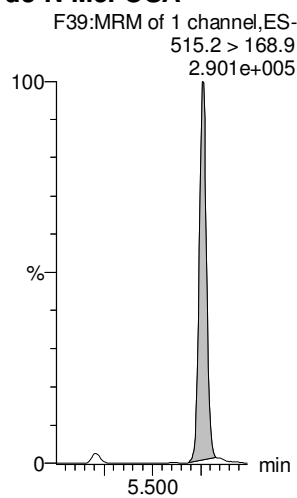
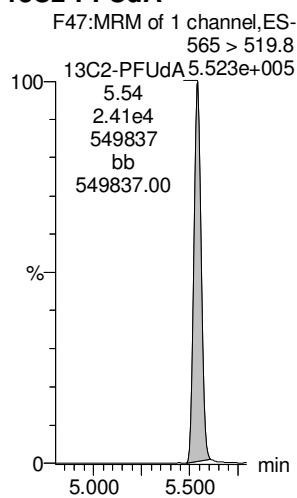
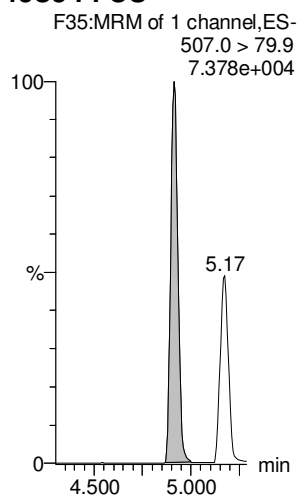
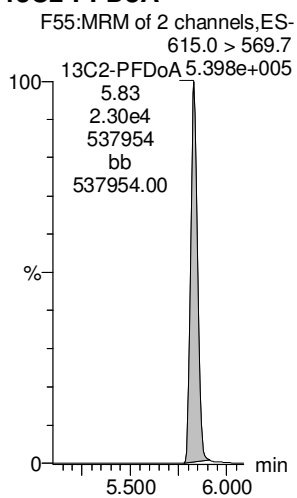
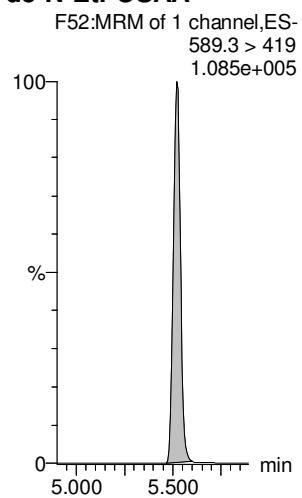
13C2-PFDoA

13C8-PFOS

13C2-PFUdA

d3-N-MeFOSA

13C2-PFDoA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_10, Date: 17-Oct-2018, Time: 13:42:39, ID: ST181017M1-9 PFC CS6 18J0809, Description: PFC CS6 18J0809

PFTeDA

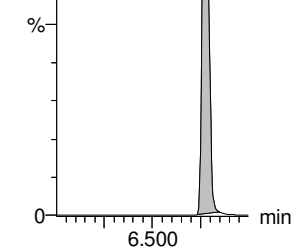
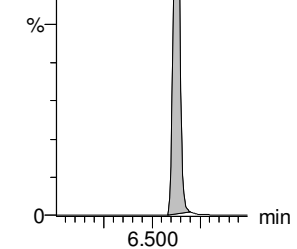
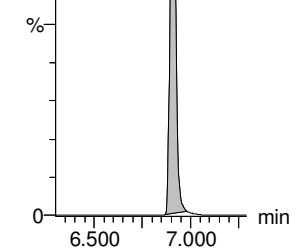
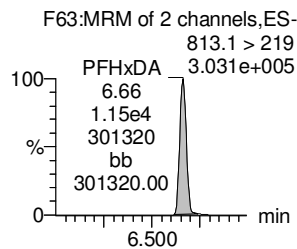
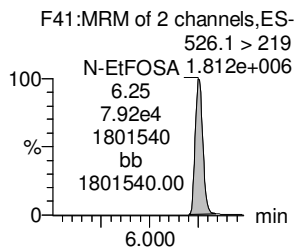
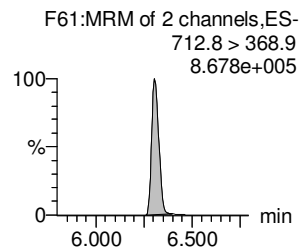
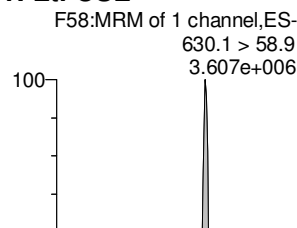
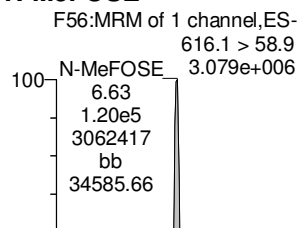
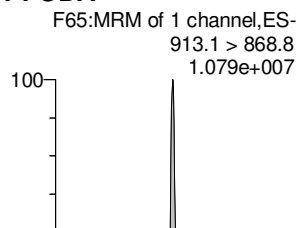
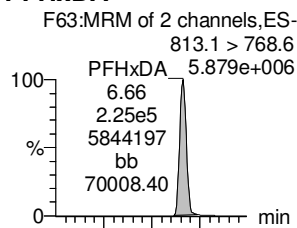
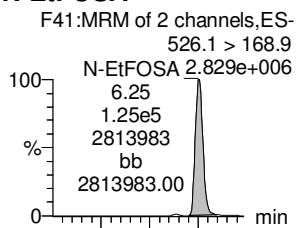
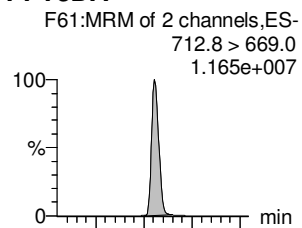
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

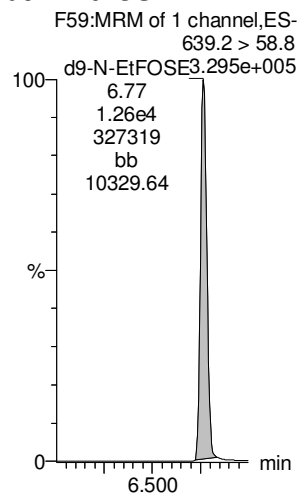
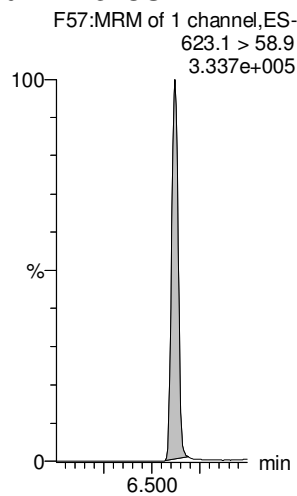
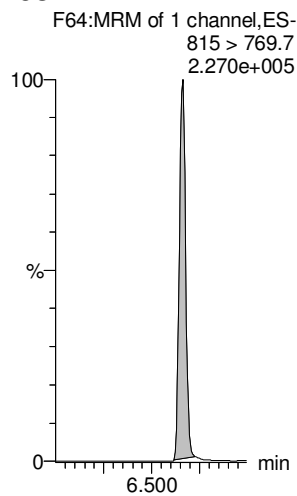
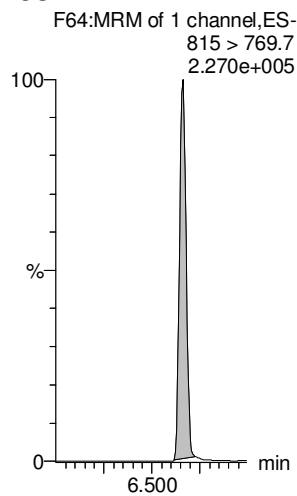
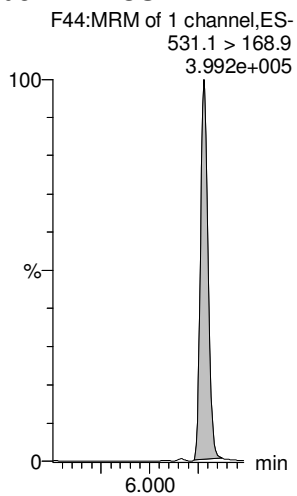
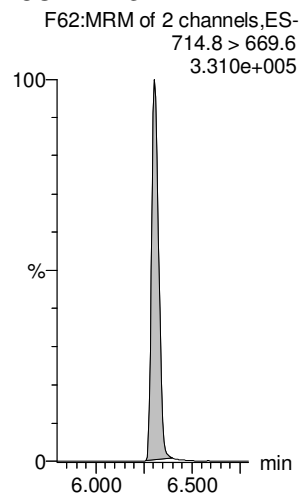
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



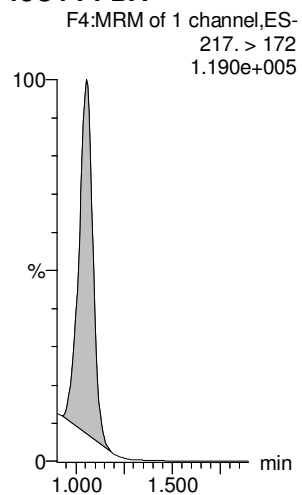
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

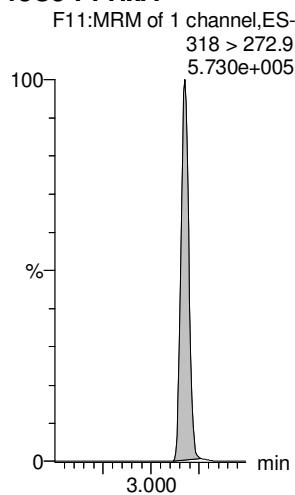
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_10, Date: 17-Oct-2018, Time: 13:42:39, ID: ST181017M1-9 PFC CS6 18J0809, Description: PFC CS6 18J0809

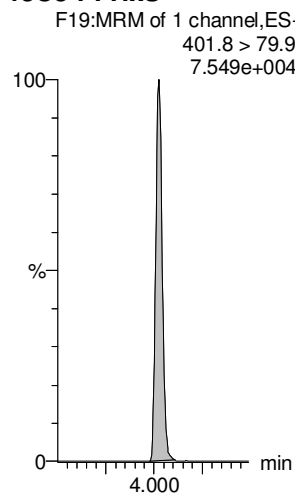
13C4-PFBA



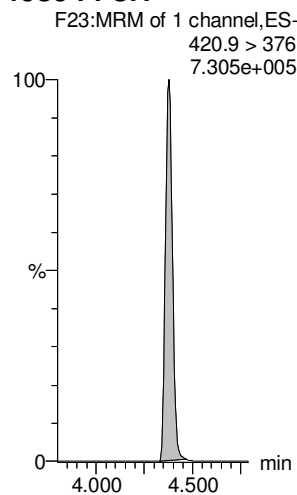
13C5-PFHxA



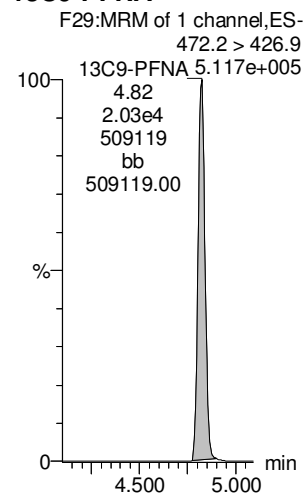
13C3-PFHxS



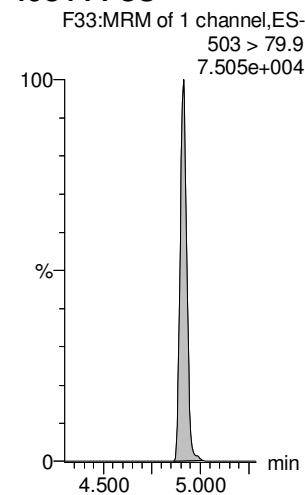
13C8-PFOA



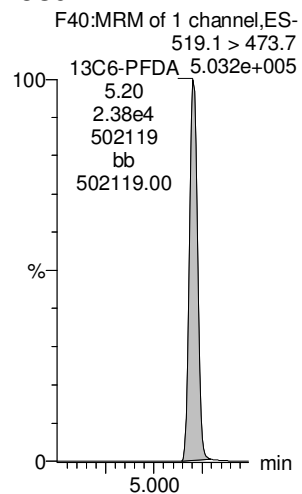
13C9-PFNA



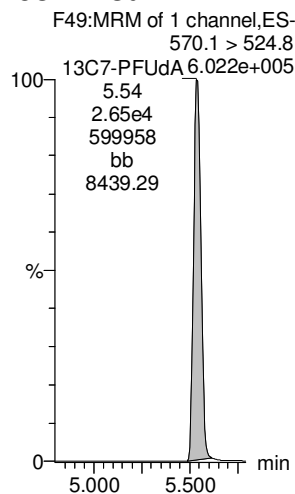
13C4-PFOS



13C6-PFDA



13C7-PFUdA

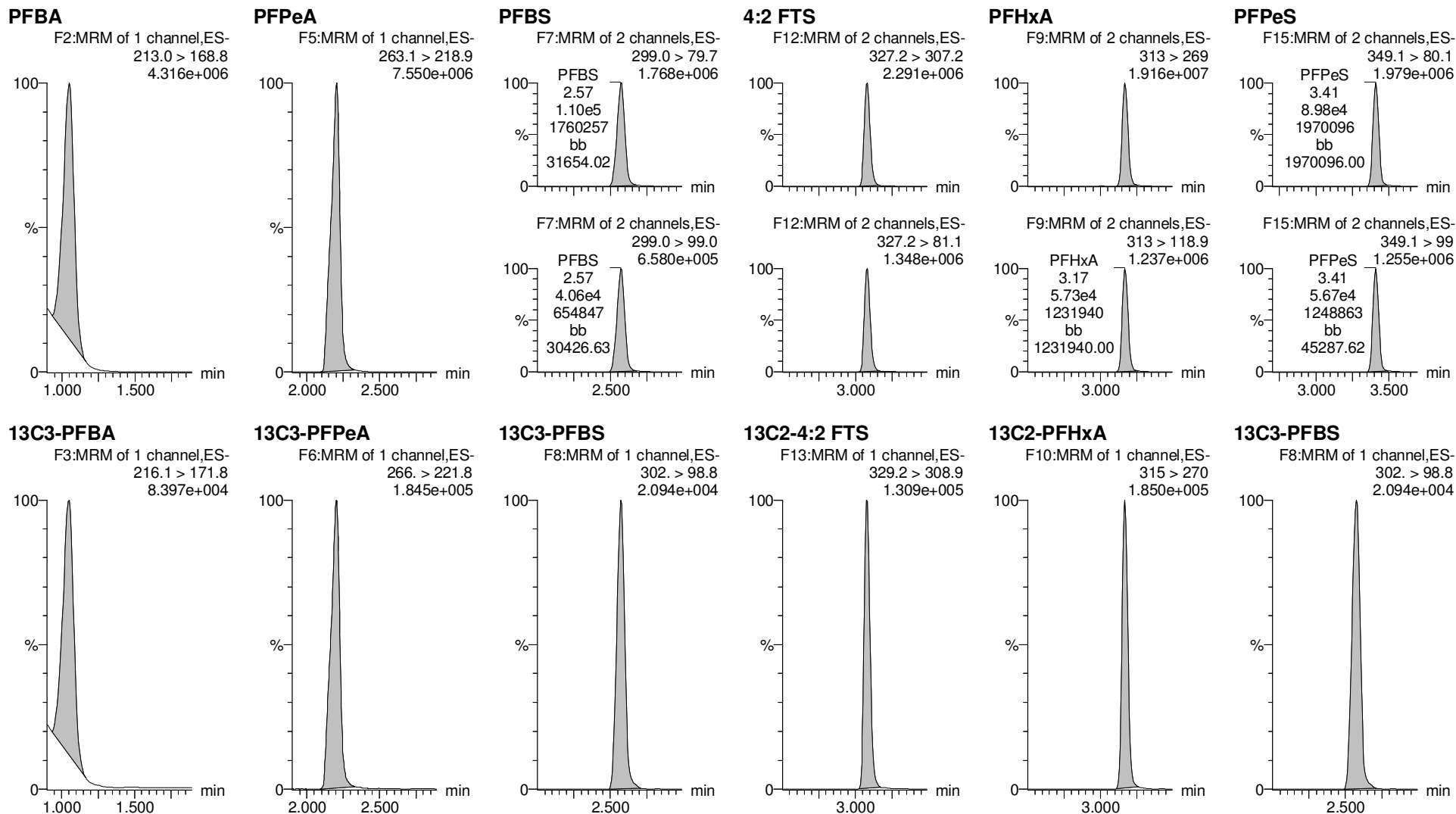


Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_11, Date: 17-Oct-2018, Time: 13:53:18, ID: ST181017M1-10 PFC CS7 18J0810, Description: PFC CS7 18J0810



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_11, Date: 17-Oct-2018, Time: 13:53:18, ID: ST181017M1-10 PFC CS7 18J0810, Description: PFC CS7 18J0810

6:2 FTS

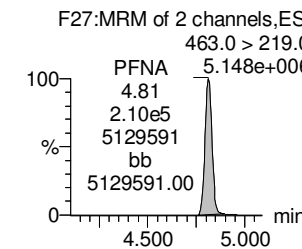
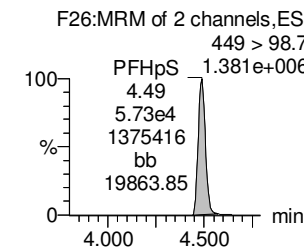
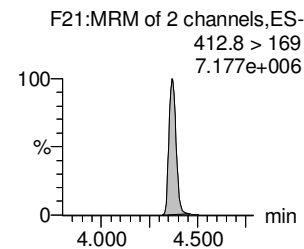
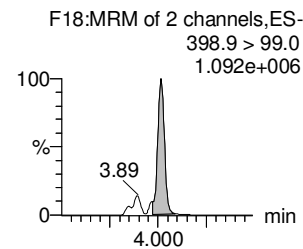
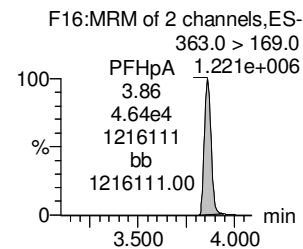
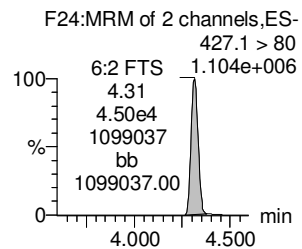
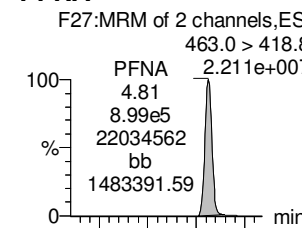
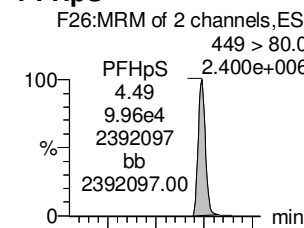
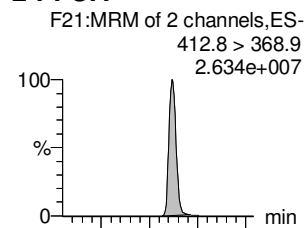
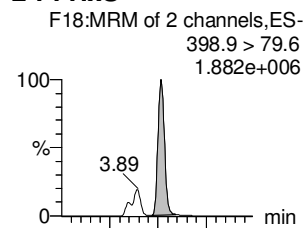
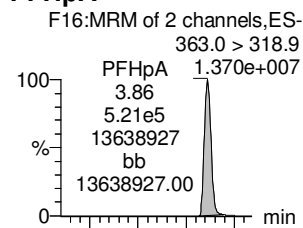
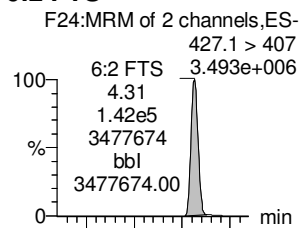
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

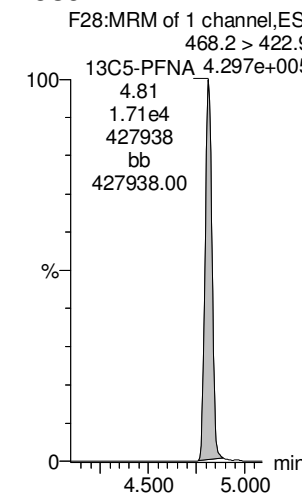
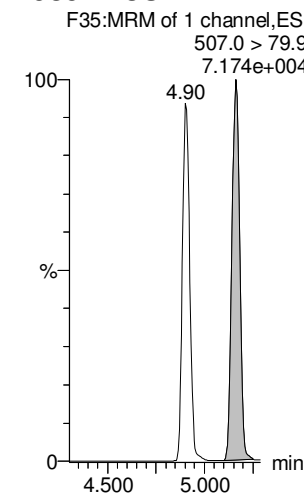
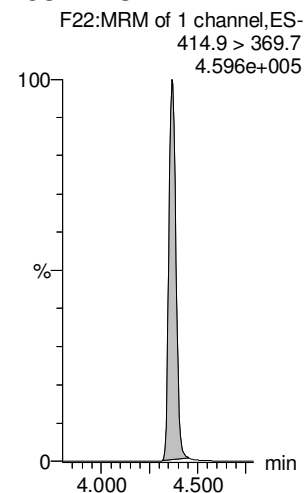
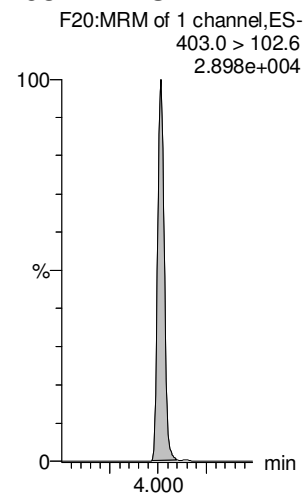
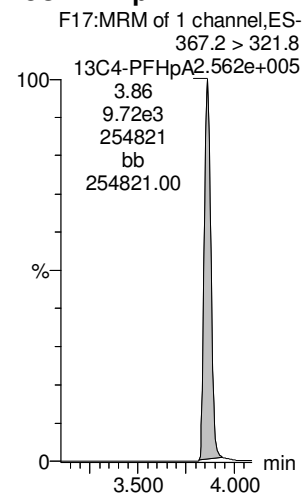
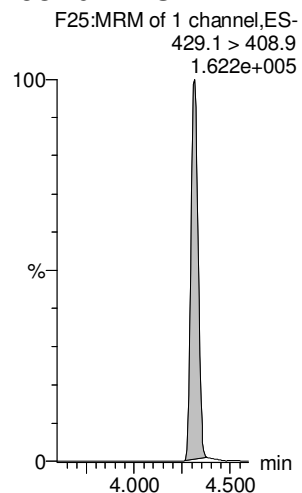
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_11, Date: 17-Oct-2018, Time: 13:53:18, ID: ST181017M1-10 PFC CS7 18J0810, Description: PFC CS7 18J0810

PFOSA

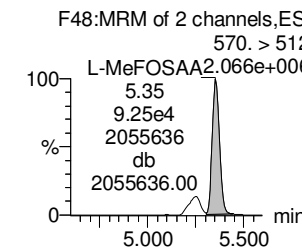
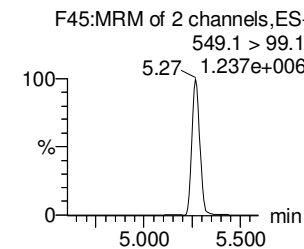
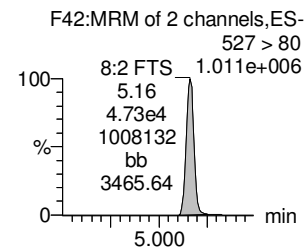
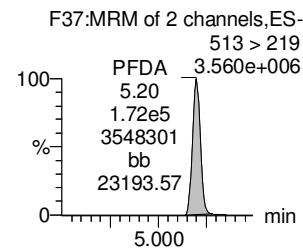
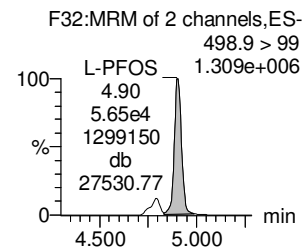
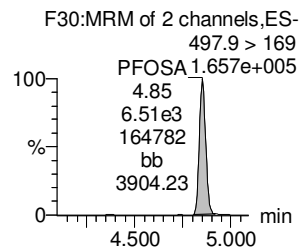
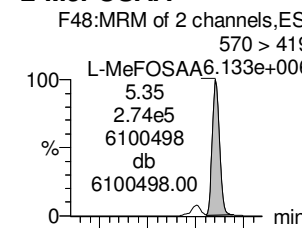
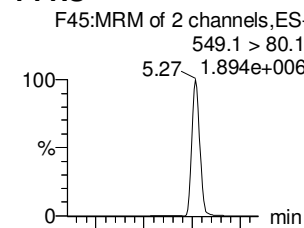
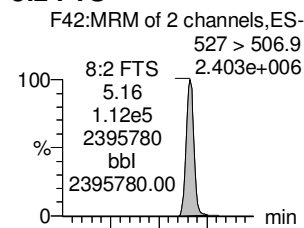
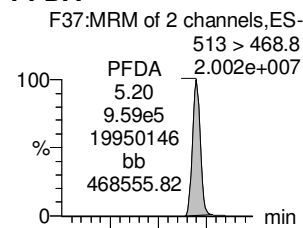
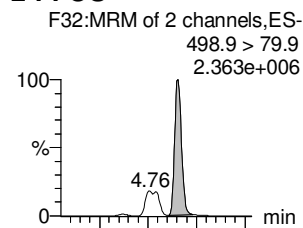
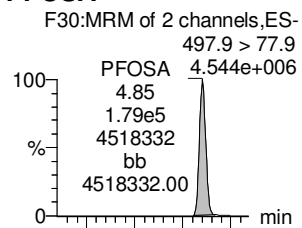
L-PFOS

PFDA

8:2 FTS

PFNS

L-MeFOSAA



13C8-PFOSA

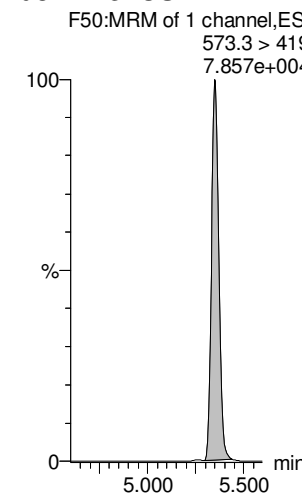
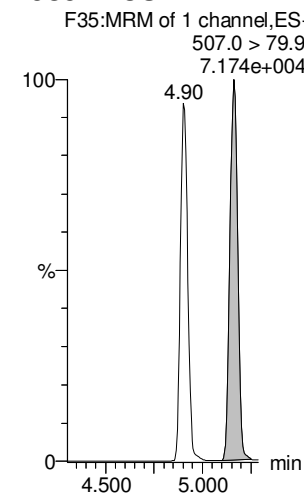
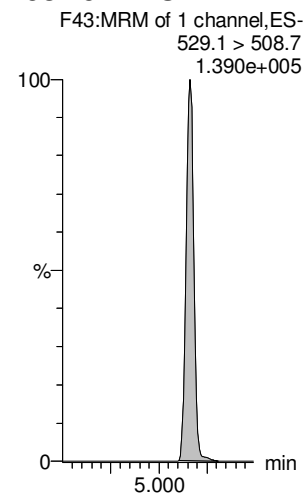
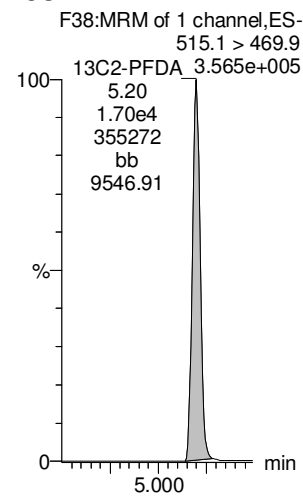
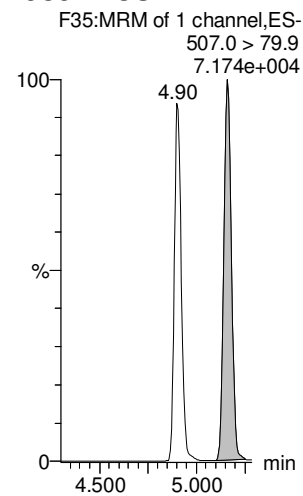
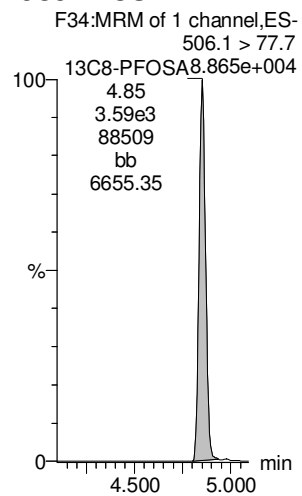
13C8-PFOS

13C2-PFDA

13C2-8:2 FTS

13C8-PFOS

d3-N-MeFOSAA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_11, Date: 17-Oct-2018, Time: 13:53:18, ID: ST181017M1-10 PFC CS7 18J0810, Description: PFC CS7 18J0810

L-EtFOSAA

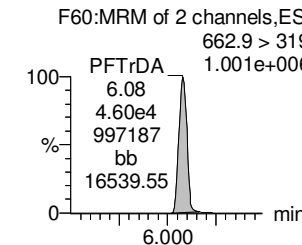
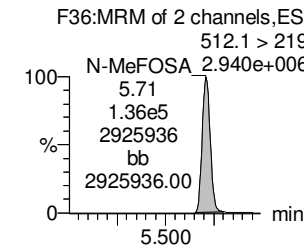
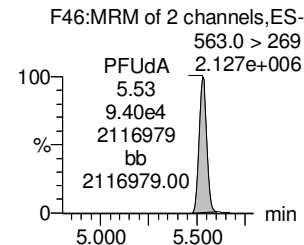
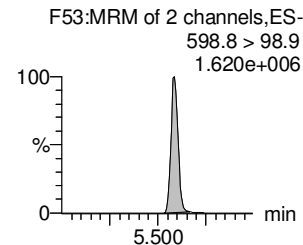
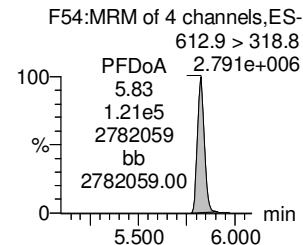
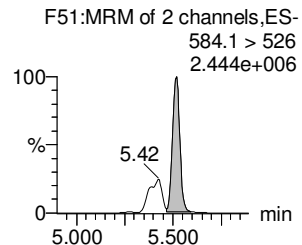
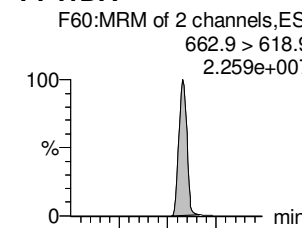
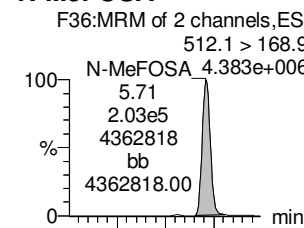
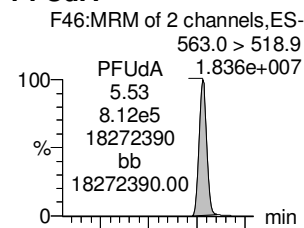
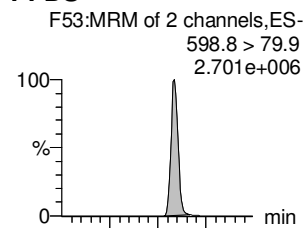
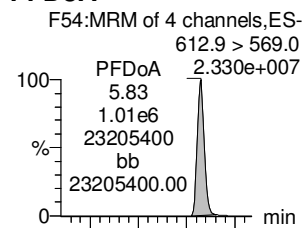
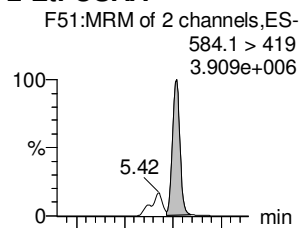
PFDoA

PFDS

PFUdA

N-MeFOSA

PFTrDA



d5-N-EtFOSAA

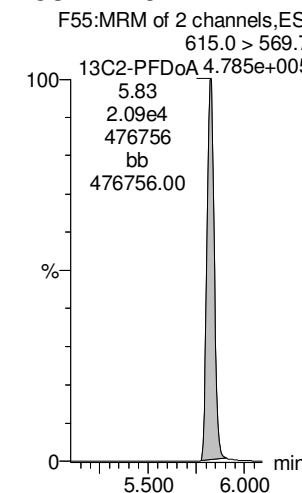
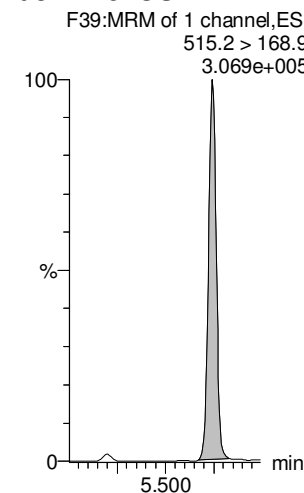
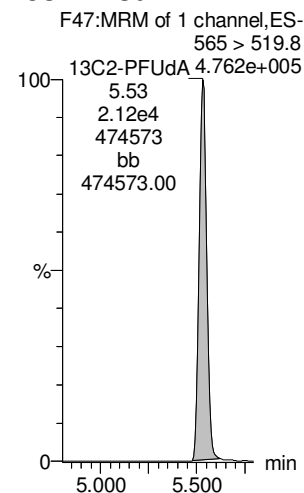
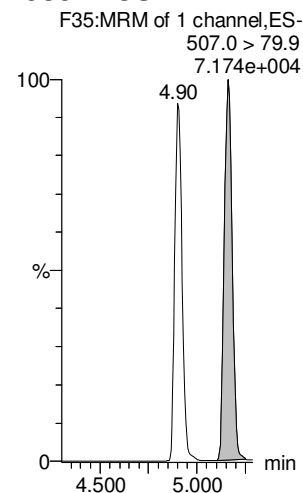
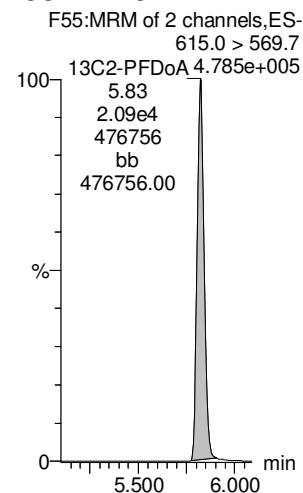
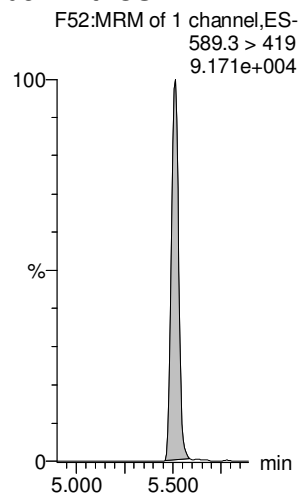
13C2-PFDoA

13C8-PFOS

13C2-PFUdA

d3-N-MeFOSA

13C2-PFDoA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_11, Date: 17-Oct-2018, Time: 13:53:18, ID: ST181017M1-10 PFC CS7 18J0810, Description: PFC CS7 18J0810

PFTeDA

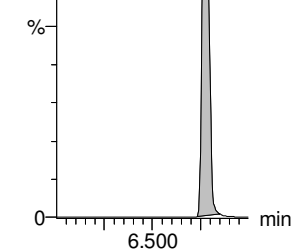
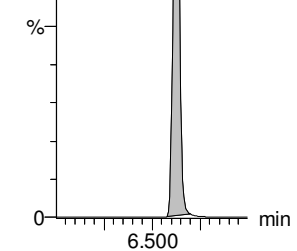
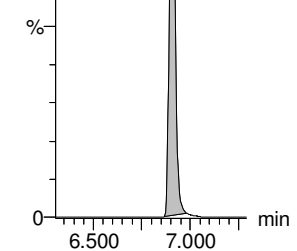
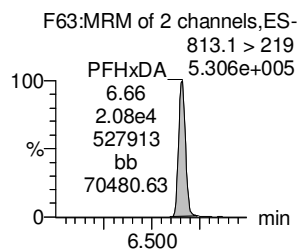
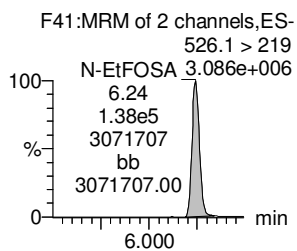
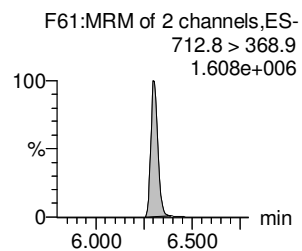
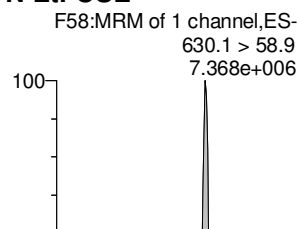
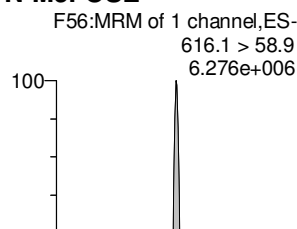
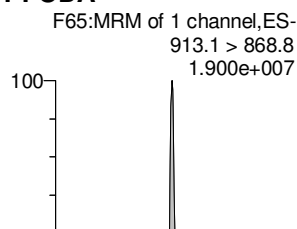
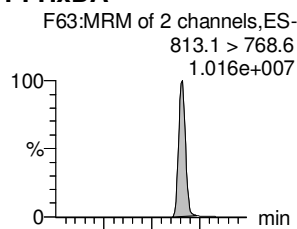
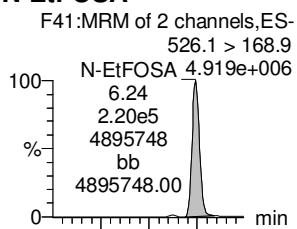
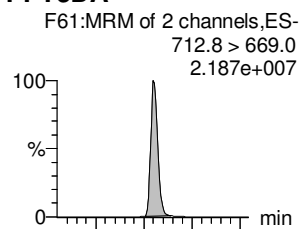
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

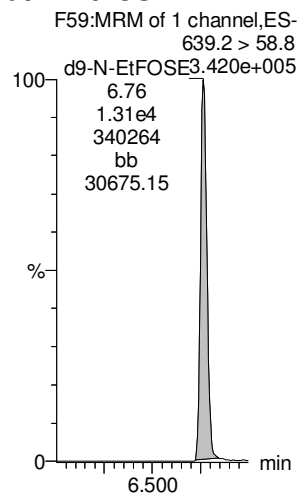
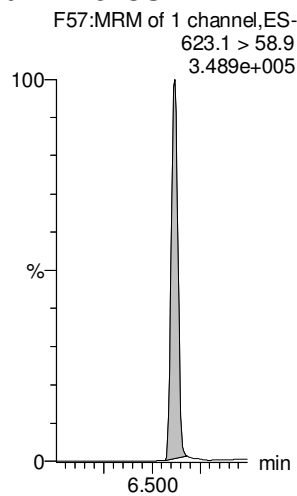
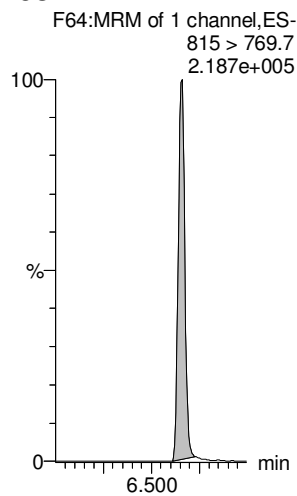
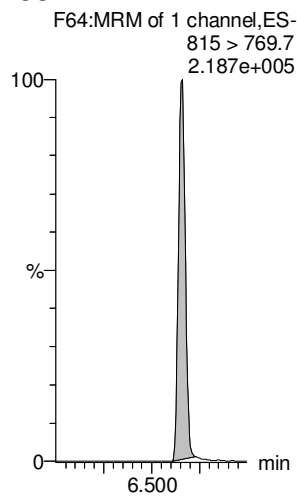
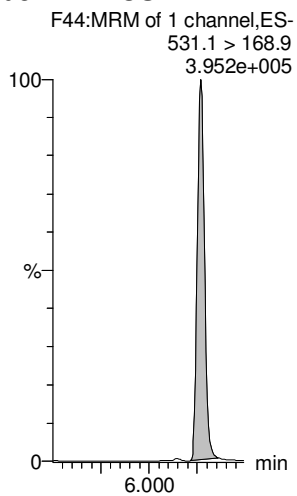
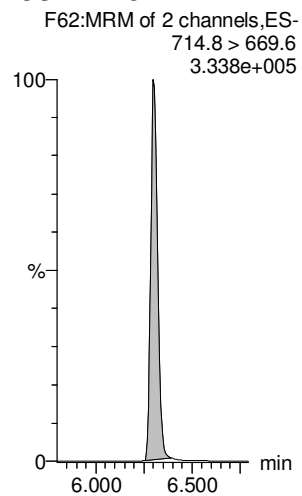
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



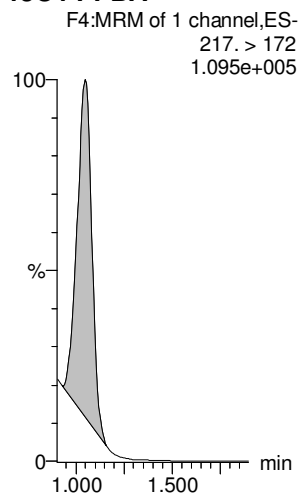
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

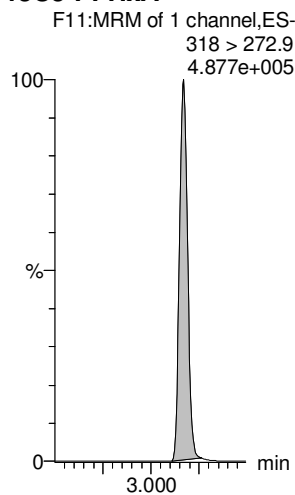
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_11, Date: 17-Oct-2018, Time: 13:53:18, ID: ST181017M1-10 PFC CS7 18J0810, Description: PFC CS7 18J0810

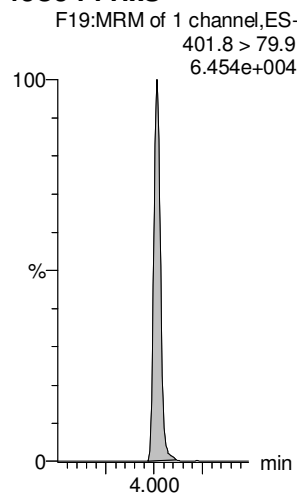
13C4-PFBA



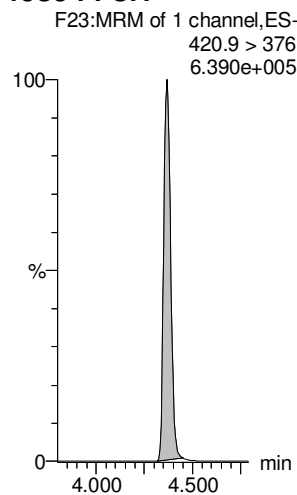
13C5-PFHxA



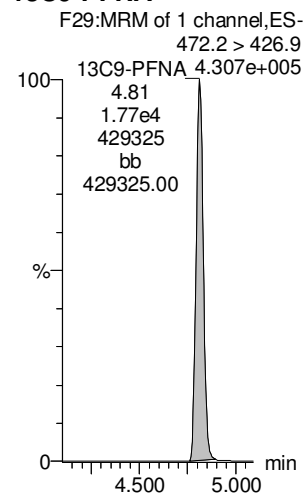
13C3-PFHxS



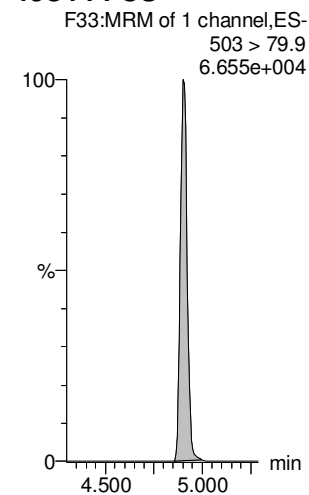
13C8-PFOA



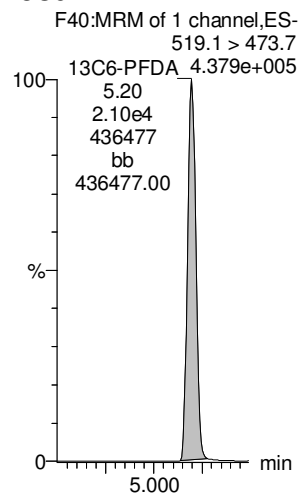
13C9-PFNA



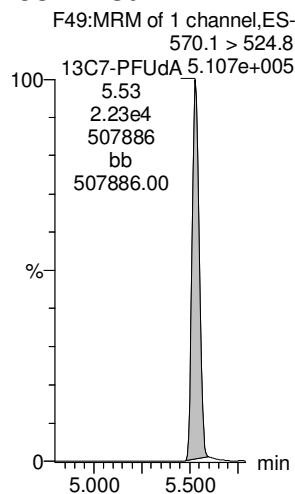
13C4-PFOS



13C6-PFDA



13C7-PFUdA



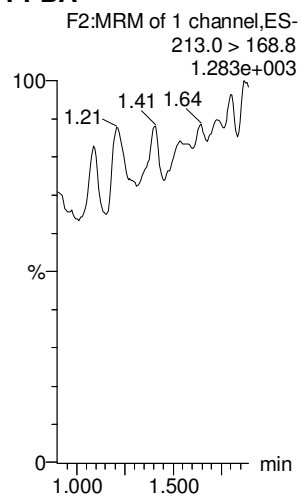
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

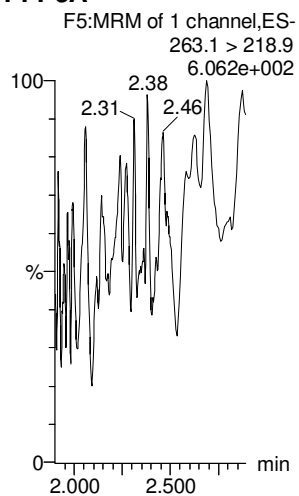
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_12, Date: 17-Oct-2018, Time: 14:03:50, ID: IPA, Description: IPA

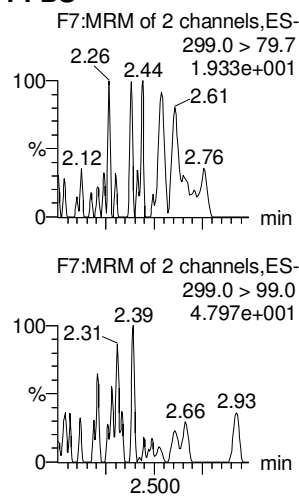
PFBA



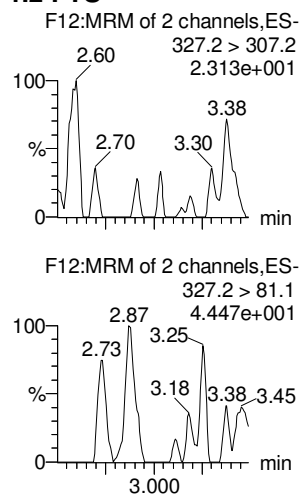
PFPeA



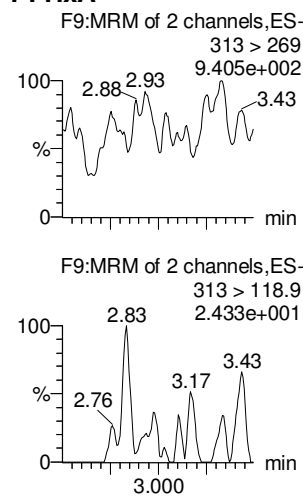
PFBS



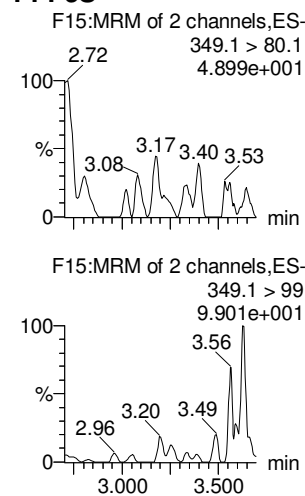
4:2 FTS



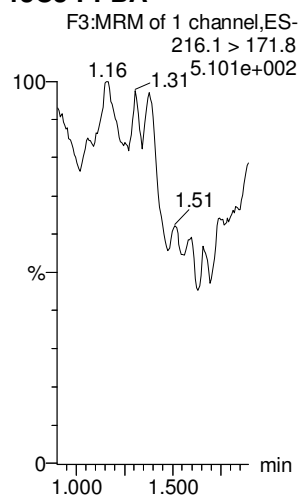
PFHxA



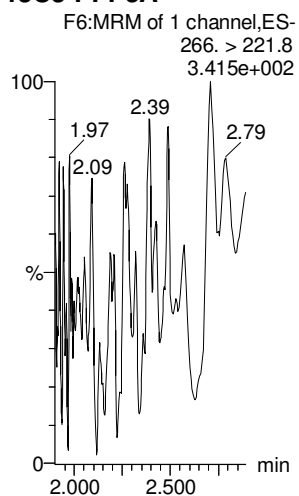
PFPeS



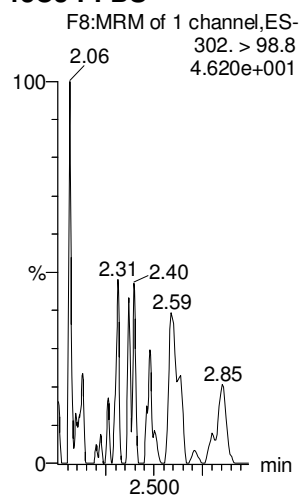
13C3-PFBA



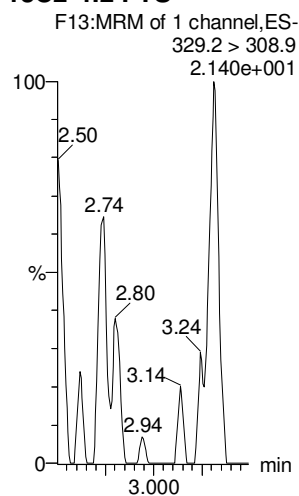
13C3-PFPeA



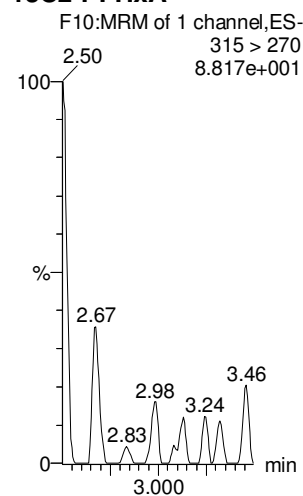
13C3-PFBS



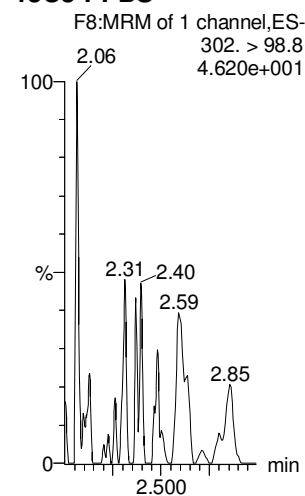
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



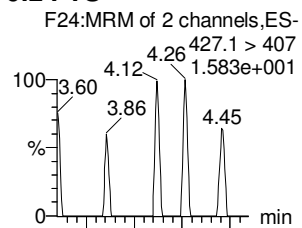
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

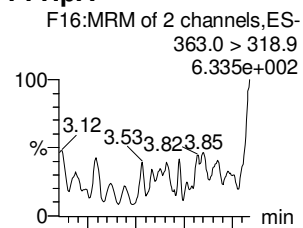
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_12, Date: 17-Oct-2018, Time: 14:03:50, ID: IPA, Description: IPA

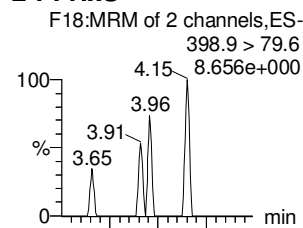
6:2 FTS



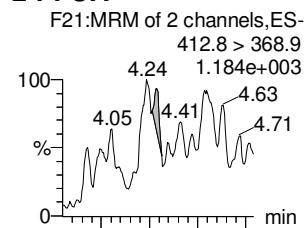
PFHpA



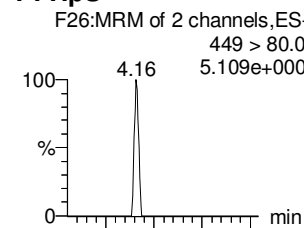
L-PFHxS



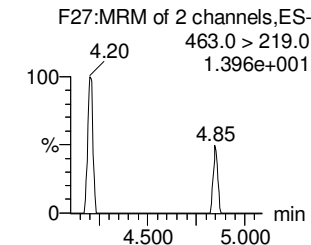
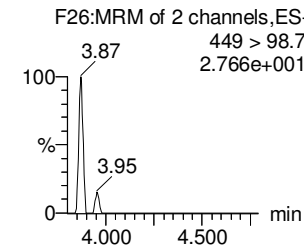
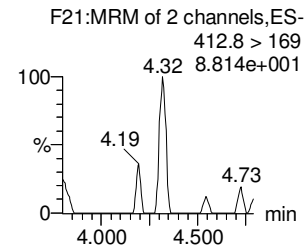
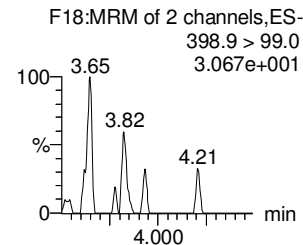
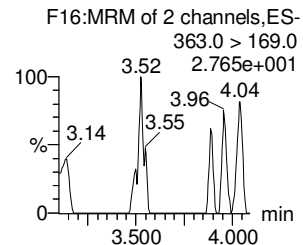
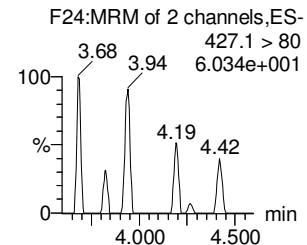
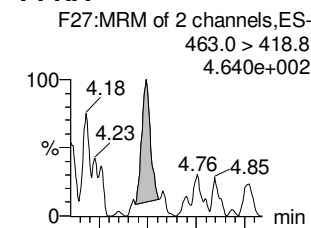
L-PFOA



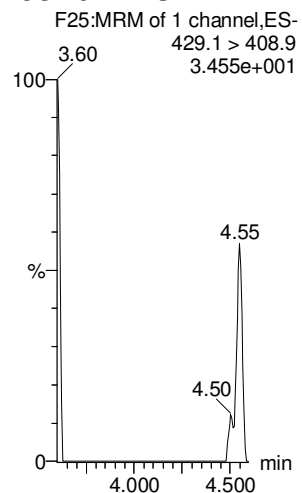
PFHpS



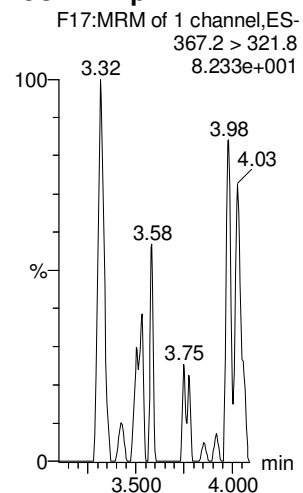
PFNA



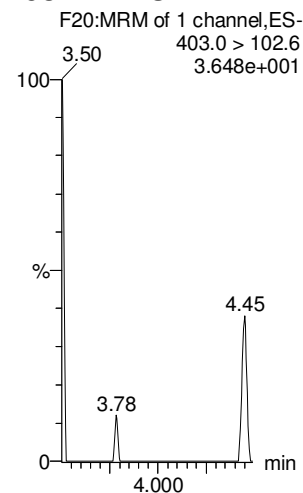
13C2-6:2 FTS



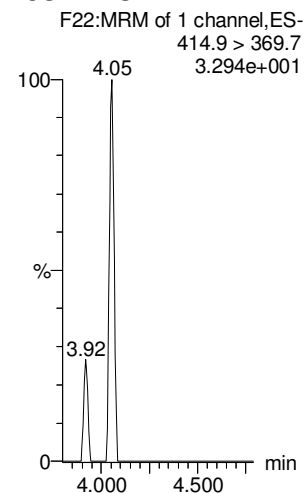
13C4-PFHpA



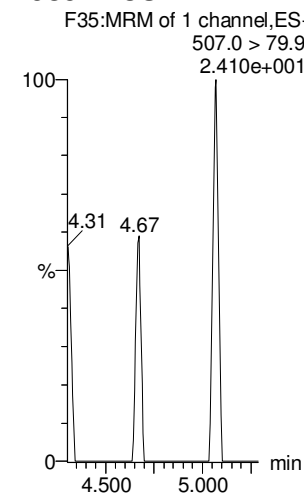
18O2-PFHxS



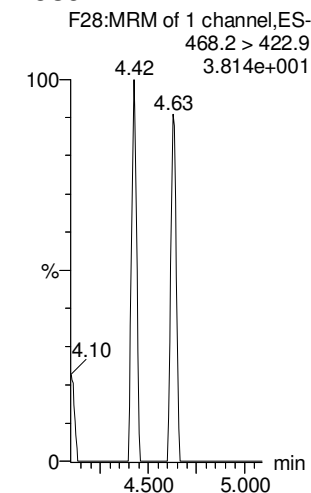
13C2-PFOA



13C8-PFOS



13C5-PFNA



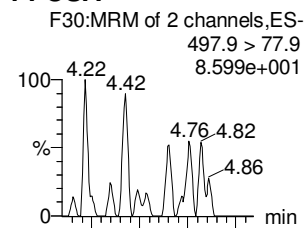
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

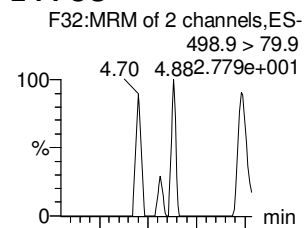
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_12, Date: 17-Oct-2018, Time: 14:03:50, ID: IPA, Description: IPA

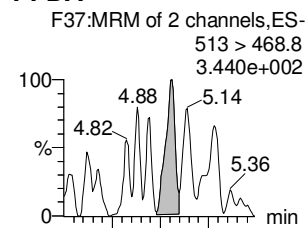
PFOSA



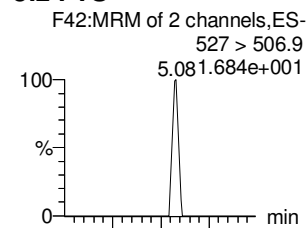
L-PFOS



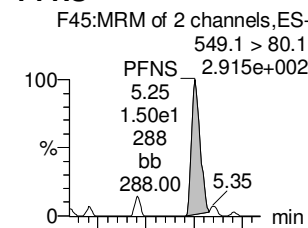
PFDA



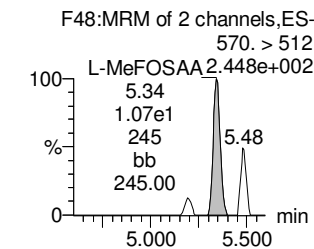
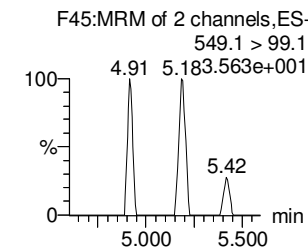
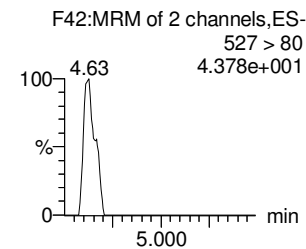
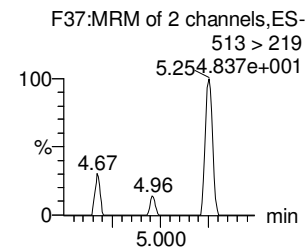
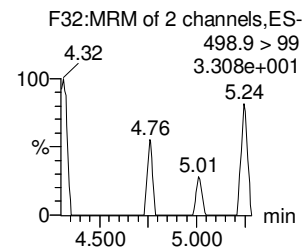
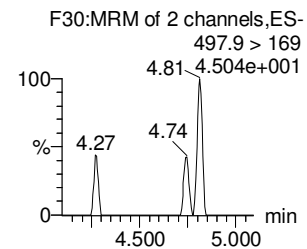
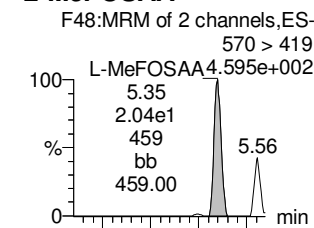
8:2 FTS



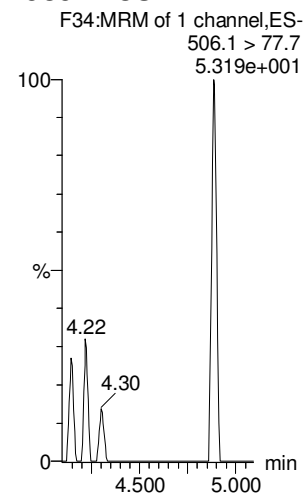
PFNS



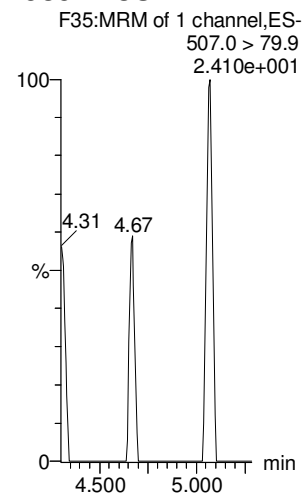
L-MeFOSAA



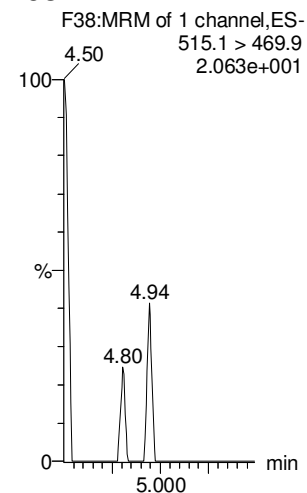
13C8-PFOSA



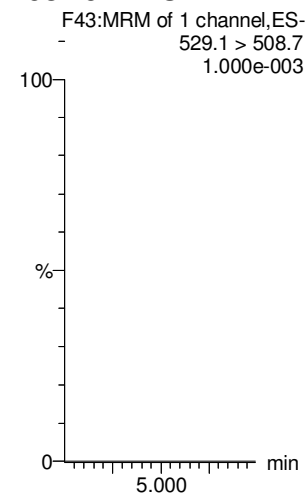
13C8-PFOS



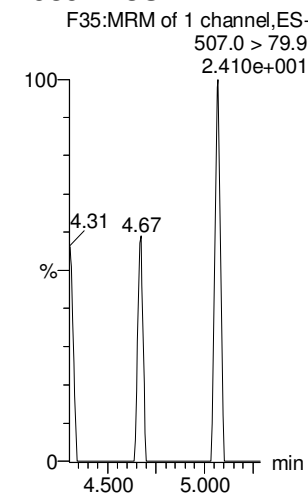
13C2-PFDA



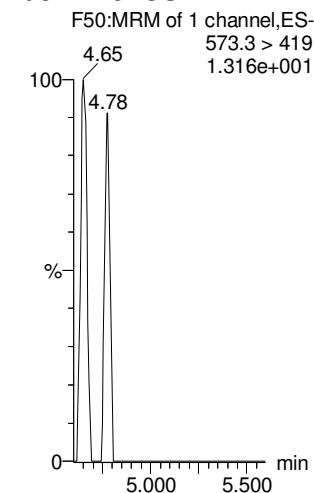
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



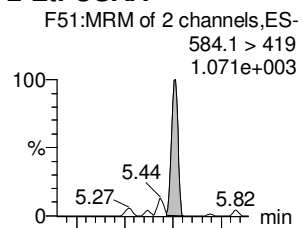
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

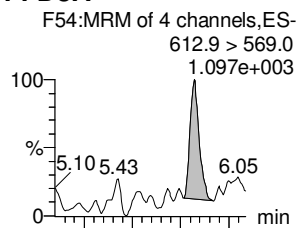
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_12, Date: 17-Oct-2018, Time: 14:03:50, ID: IPA, Description: IPA

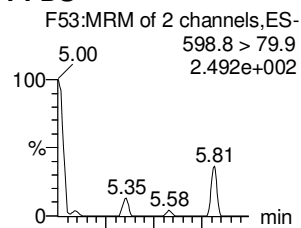
L-EtFOSAA



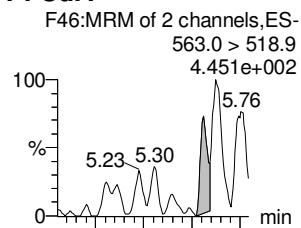
PFDoA



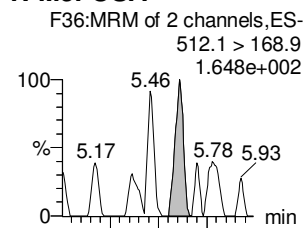
PFDS



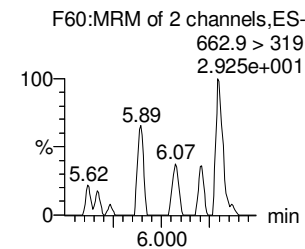
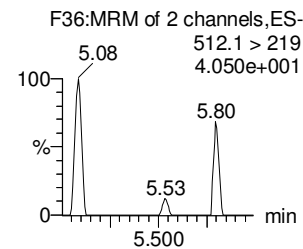
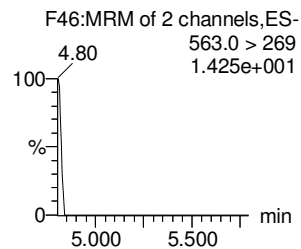
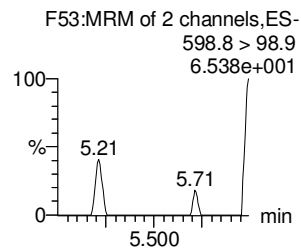
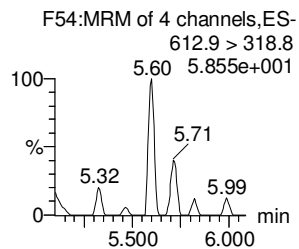
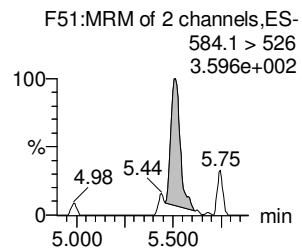
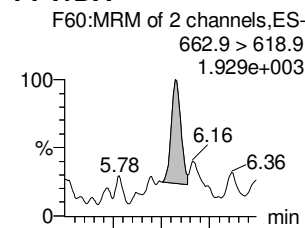
PFUdA



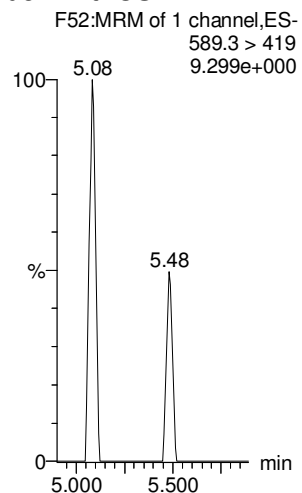
N-MeFOSA



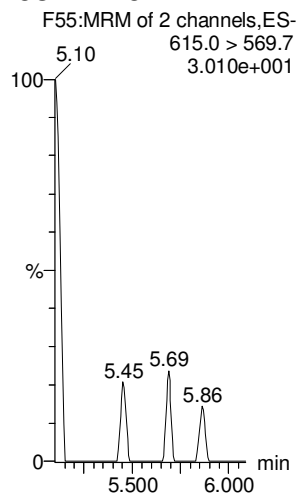
PFTrDA



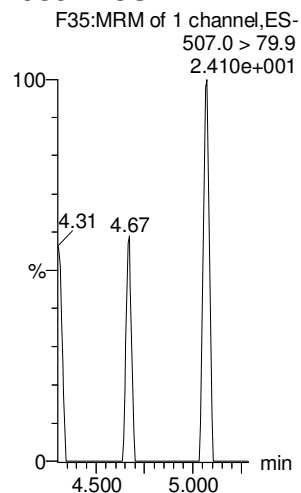
d5-N-EtFOSAA



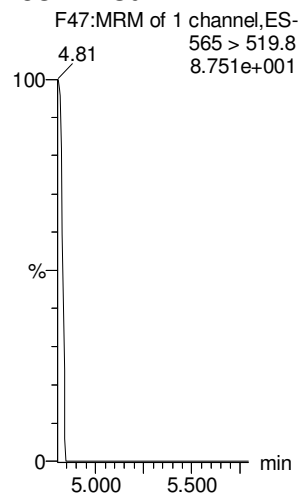
13C2-PFDoA



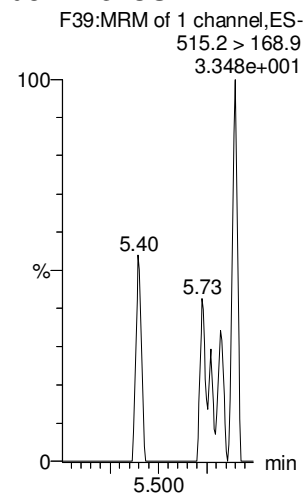
13C8-PFOS



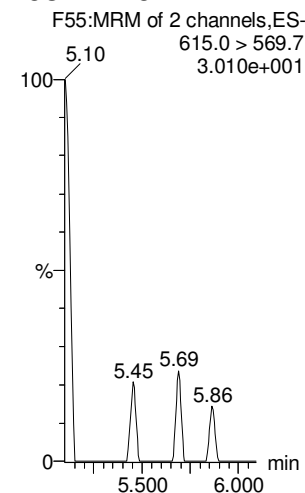
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_12, Date: 17-Oct-2018, Time: 14:03:50, ID: IPA, Description: IPA

PFTeDA

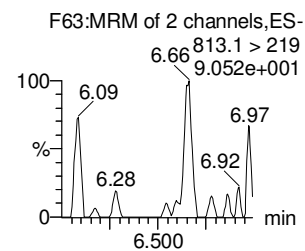
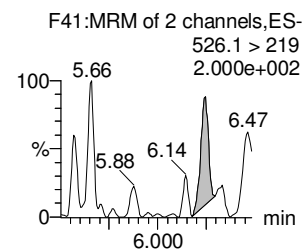
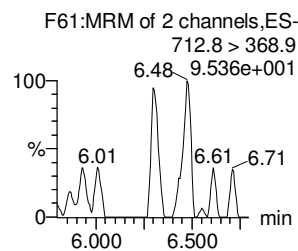
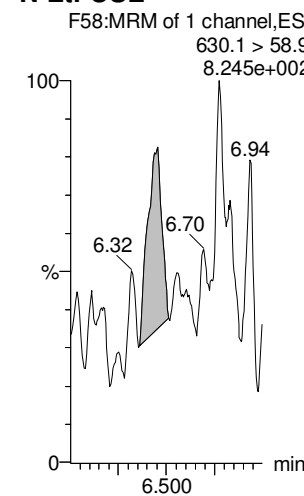
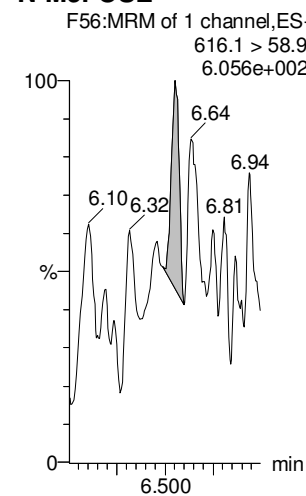
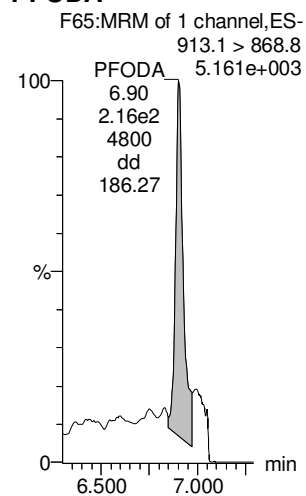
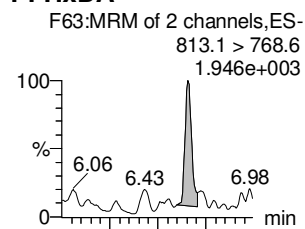
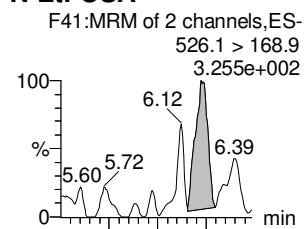
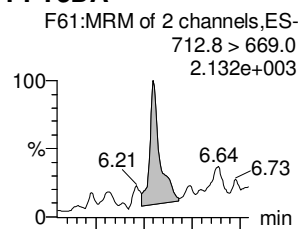
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

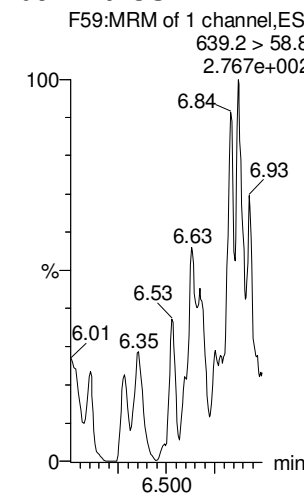
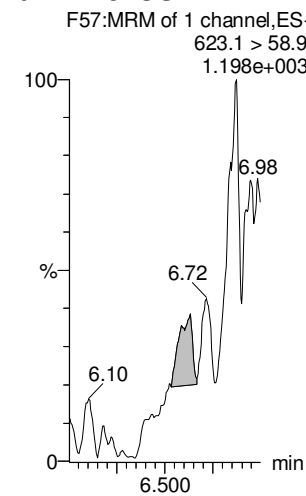
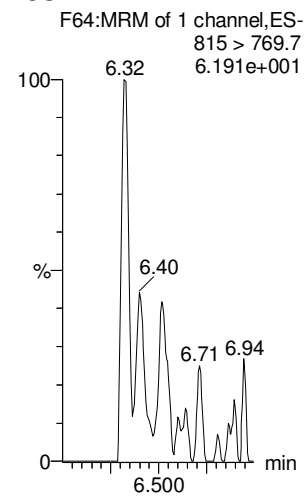
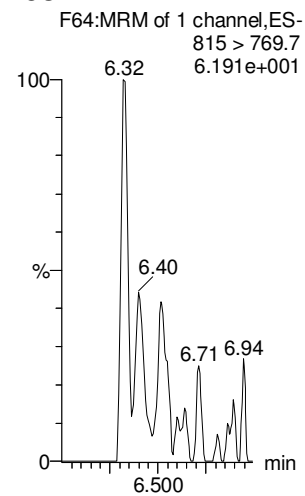
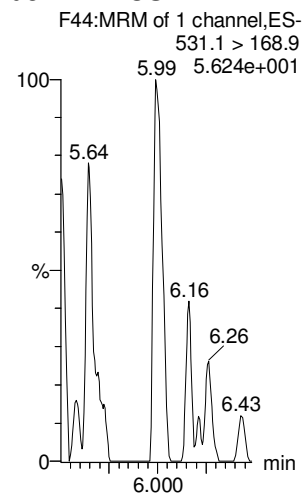
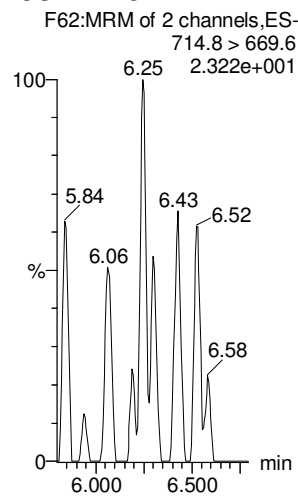
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



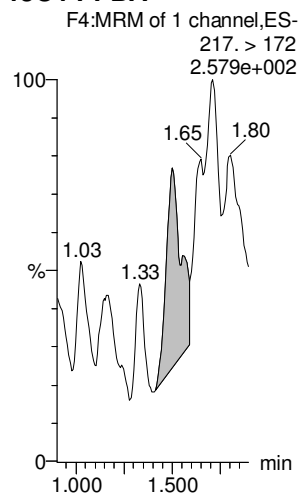
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

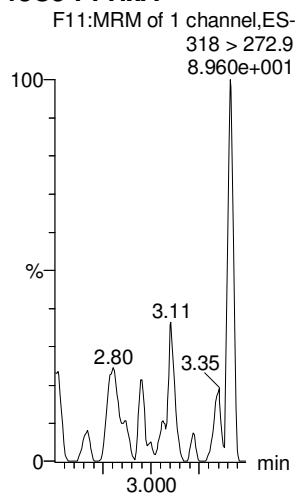
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_12, Date: 17-Oct-2018, Time: 14:03:50, ID: IPA, Description: IPA

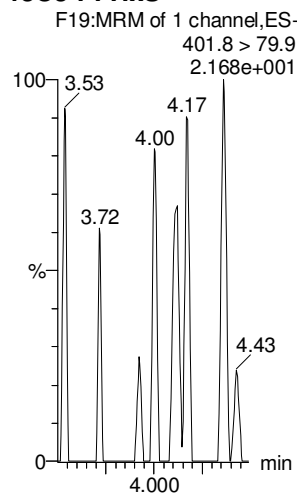
13C4-PFBA



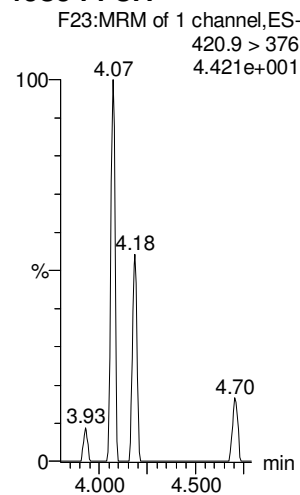
13C5-PFHxA



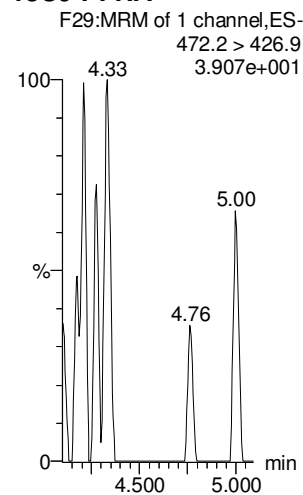
13C3-PFHxS



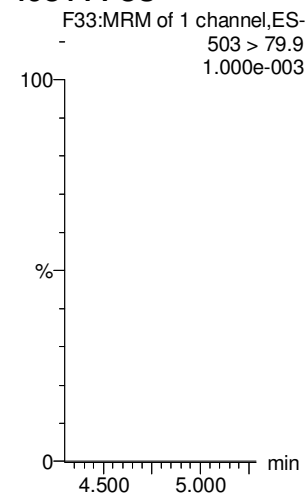
13C8-PFOA



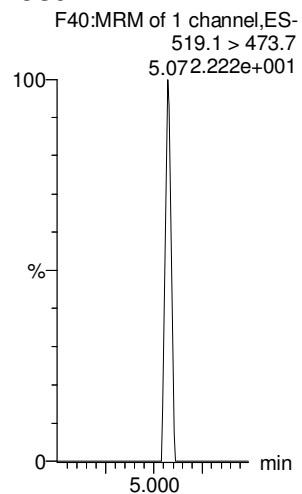
13C9-PFNA



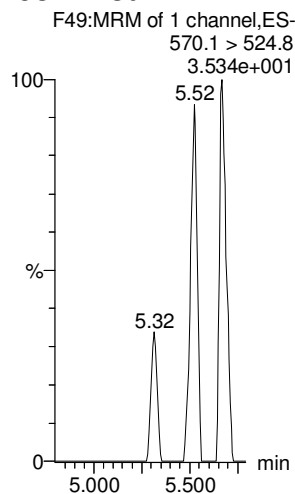
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

PFBA

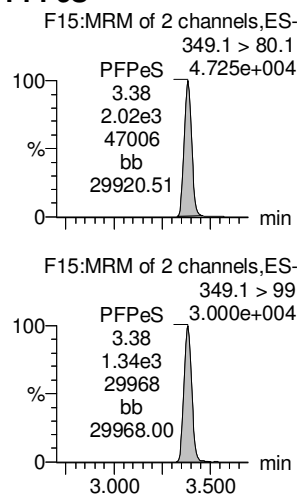
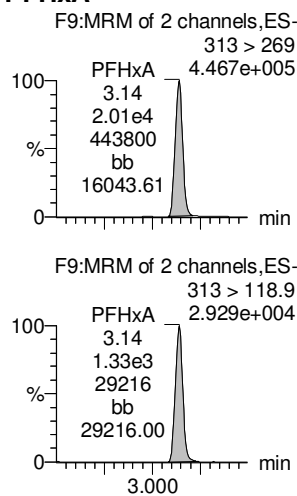
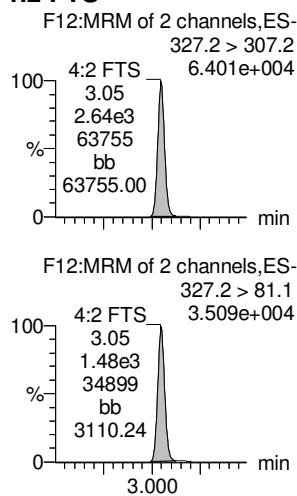
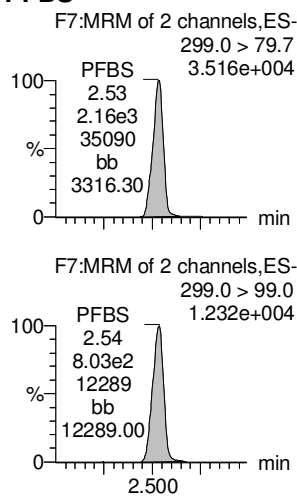
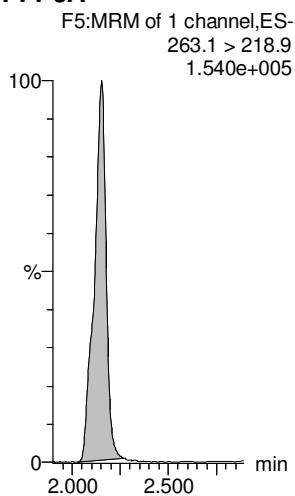
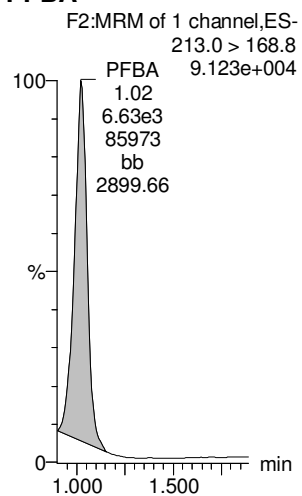
PFPeA

PFBS

4:2 FTS

PFHxA

PFPeS



13C3-PFBA

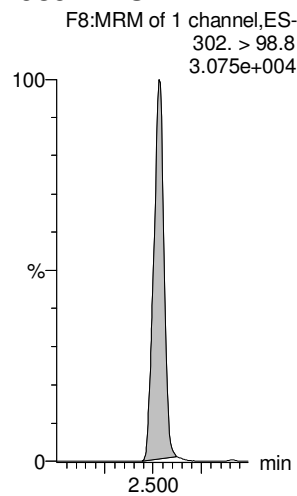
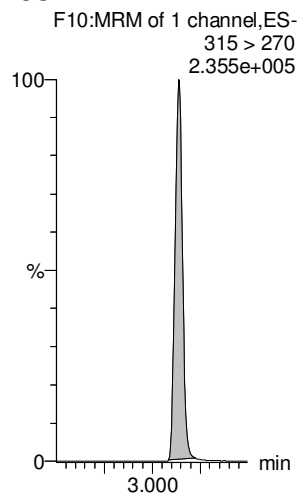
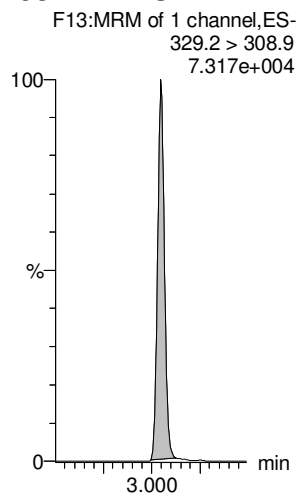
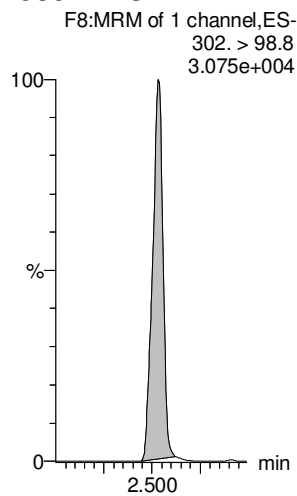
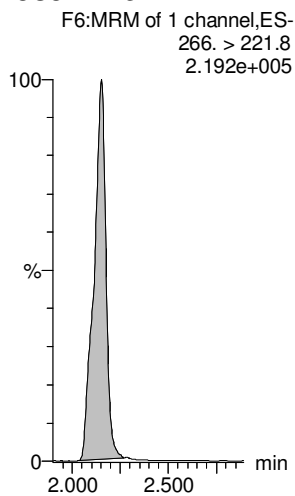
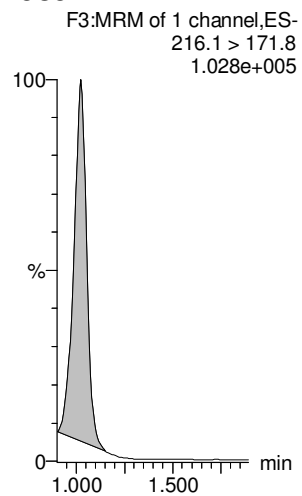
13C3-PFPeA

13C3-PFBS

13C2-4:2 FTS

13C2-PFHxA

13C3-PFBS



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

6:2 FTS

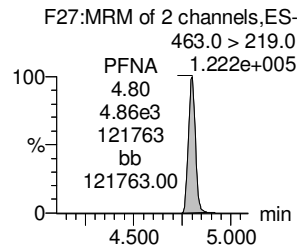
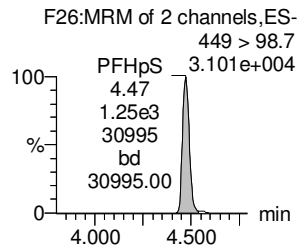
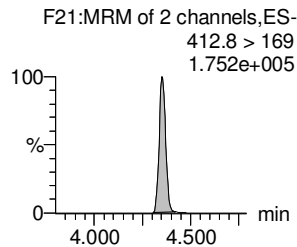
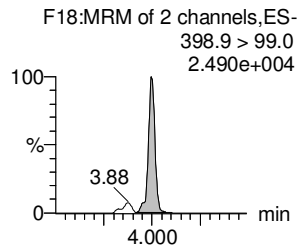
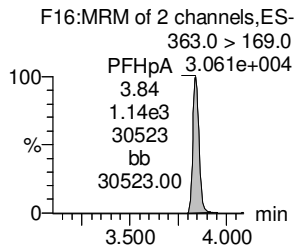
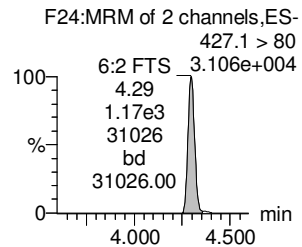
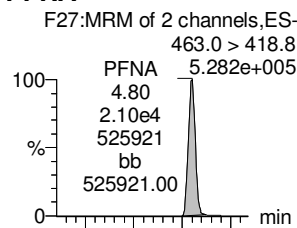
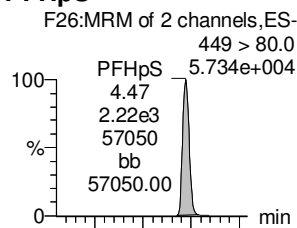
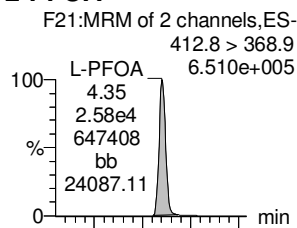
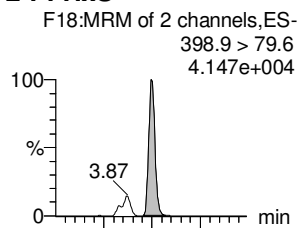
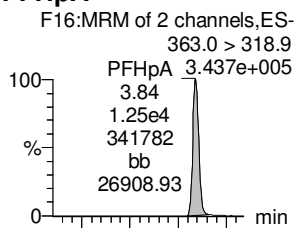
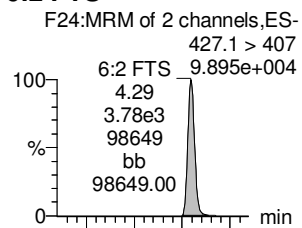
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

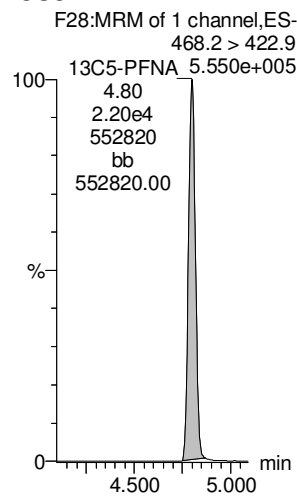
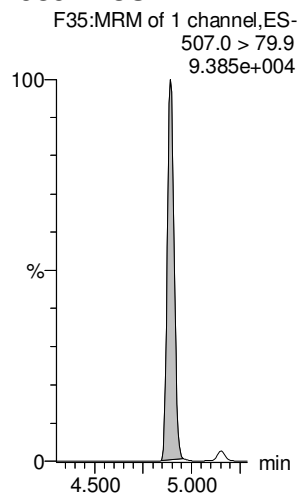
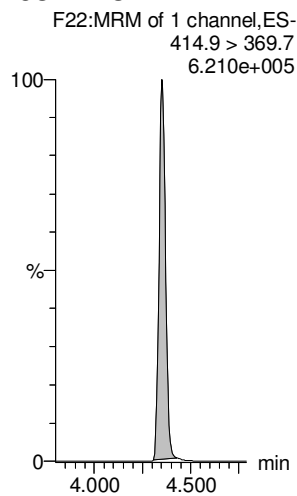
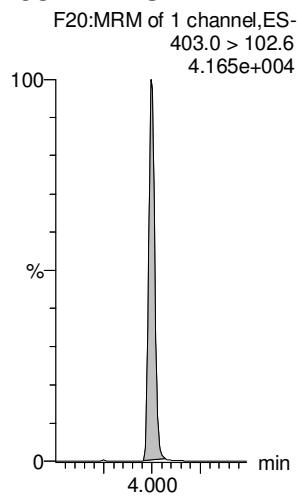
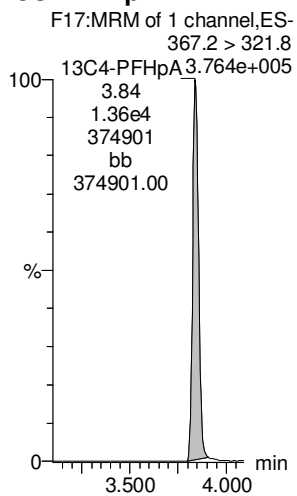
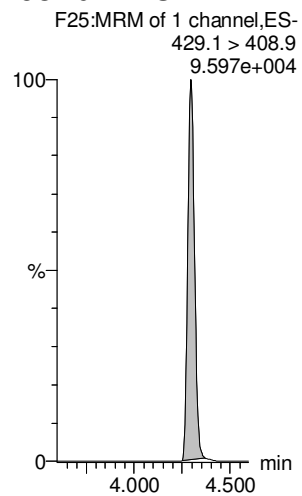
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

PFOSA

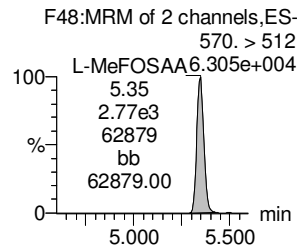
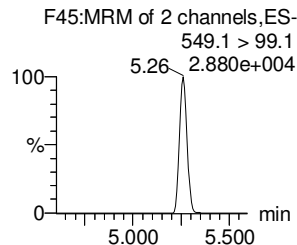
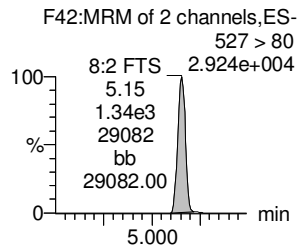
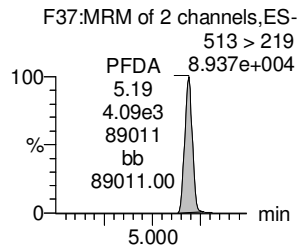
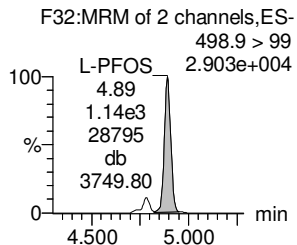
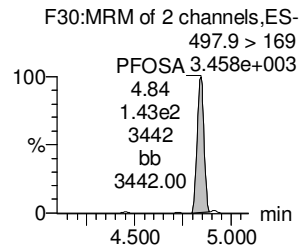
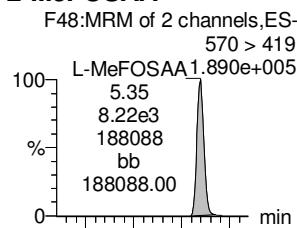
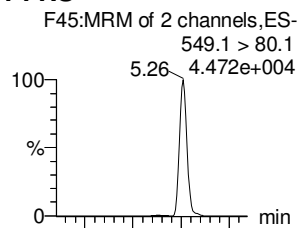
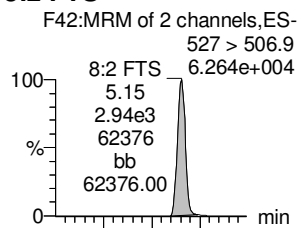
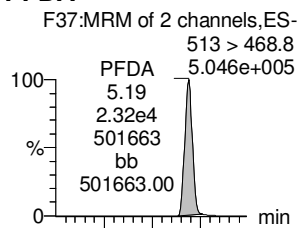
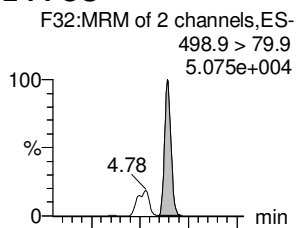
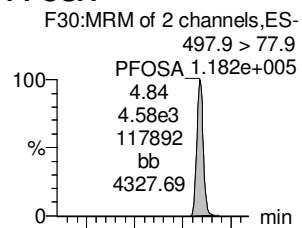
L-PFOS

PFDA

8:2 FTS

PFNS

L-MeFOSAA



13C8-PFOA

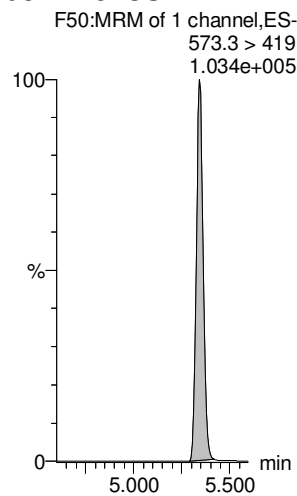
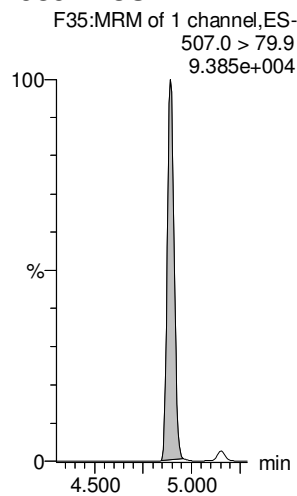
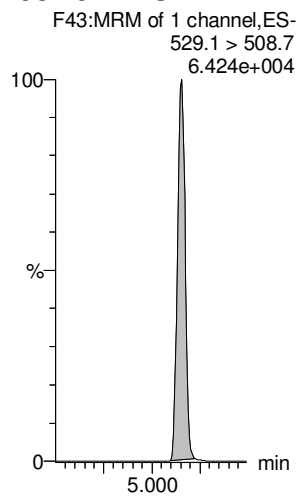
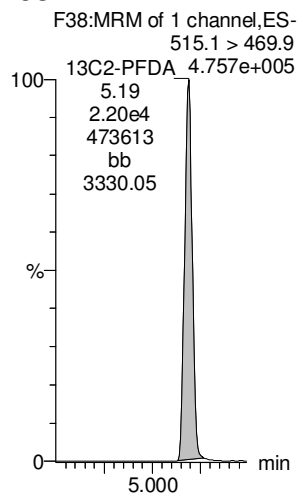
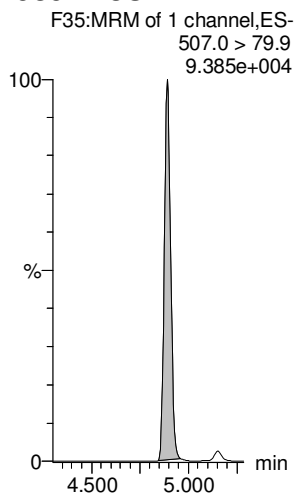
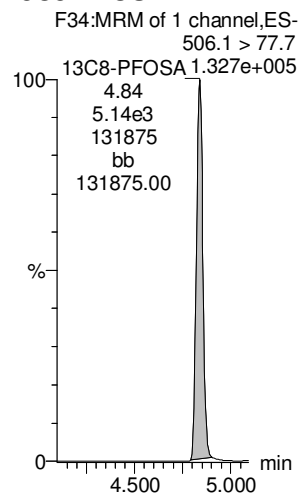
13C8-PFOS

13C2-PFDA

13C2-8:2 FTS

13C8-PFOS

d3-N-MeFOSAA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

L-EtFOSAA

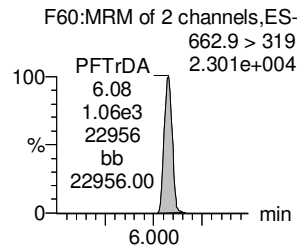
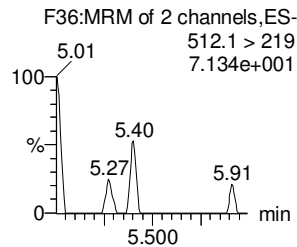
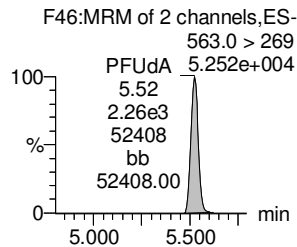
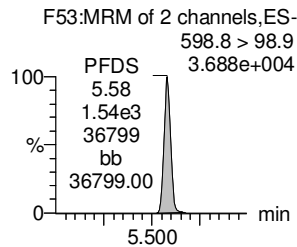
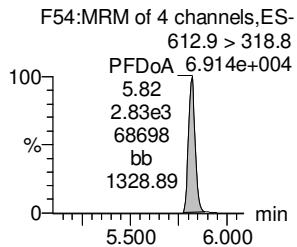
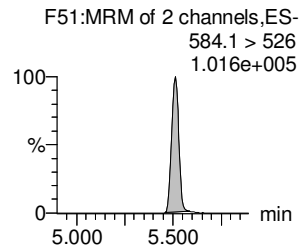
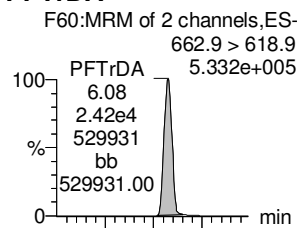
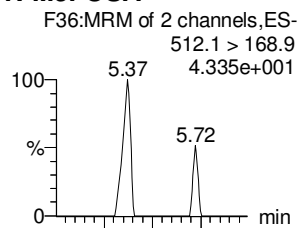
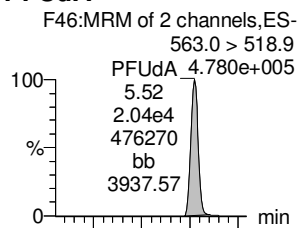
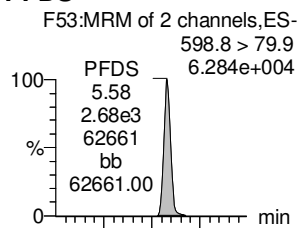
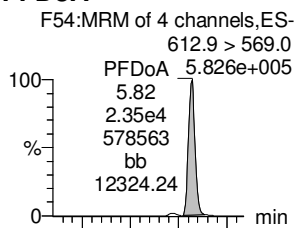
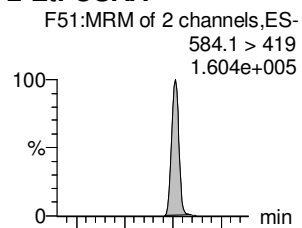
PFDoA

PFDS

PFUdA

N-MeFOSA

PFTrDA



d5-N-EtFOSAA

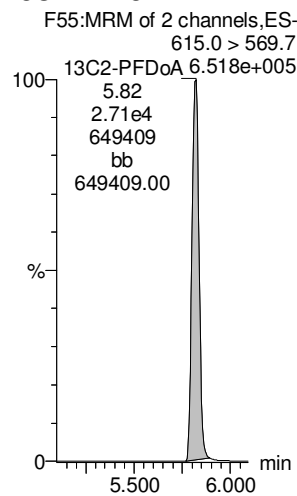
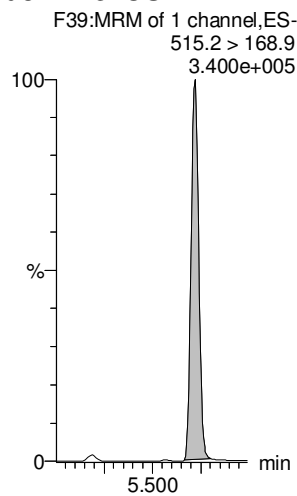
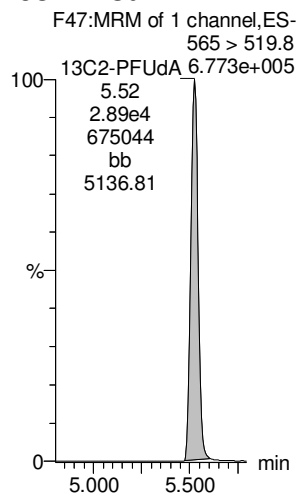
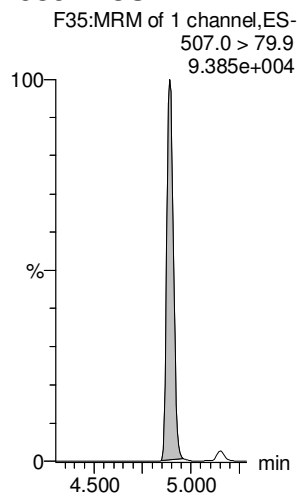
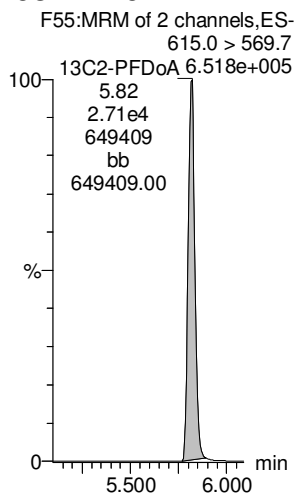
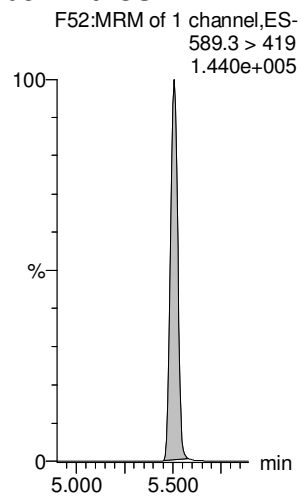
13C2-PFDoA

13C8-PFOS

13C2-PFUdA

d3-N-MeFOSA

13C2-PFDoA



Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

PFTeDA

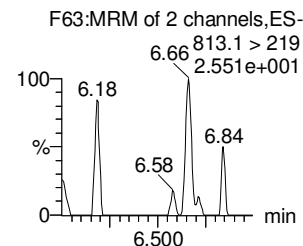
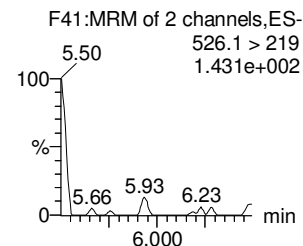
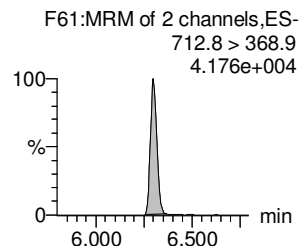
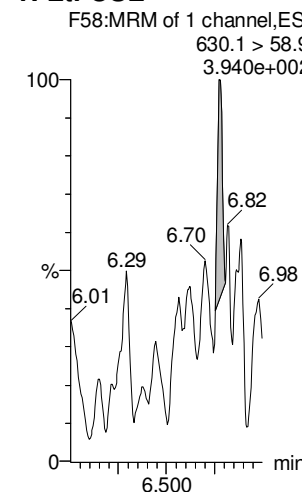
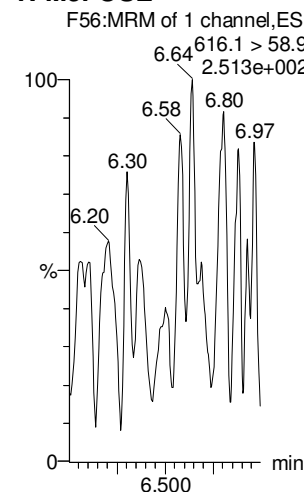
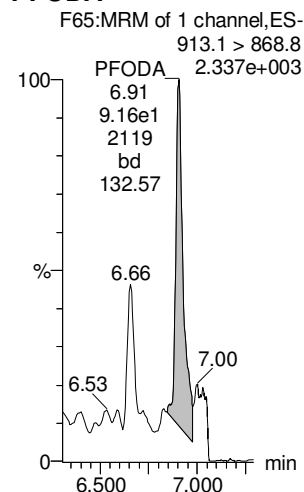
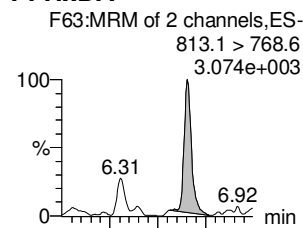
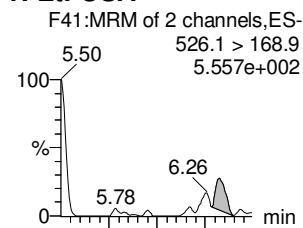
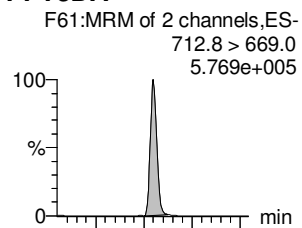
N-EtFOSE

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

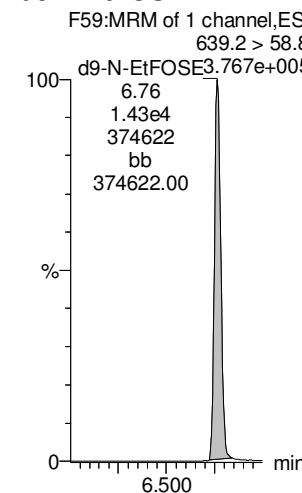
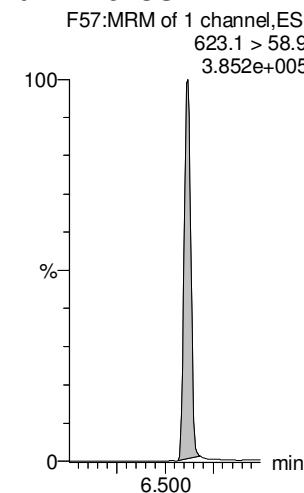
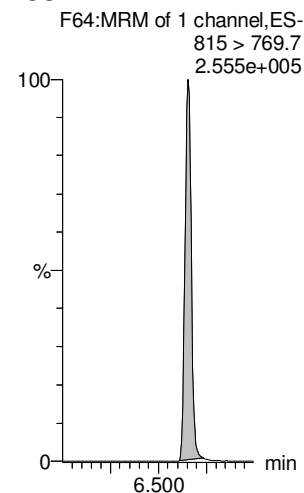
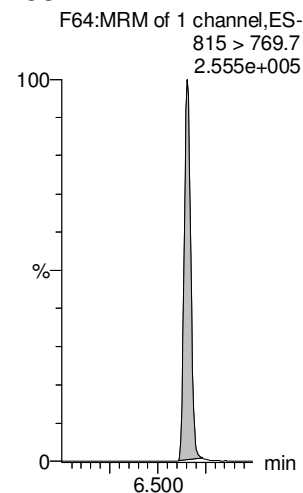
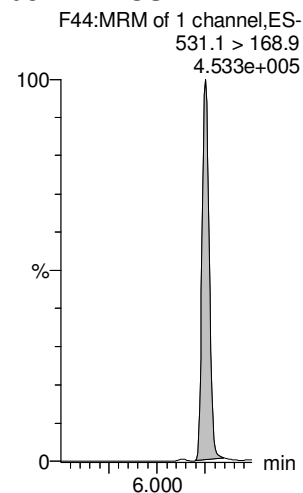
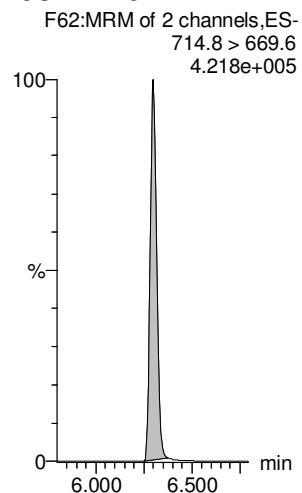
d5-N-ETFOSE

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



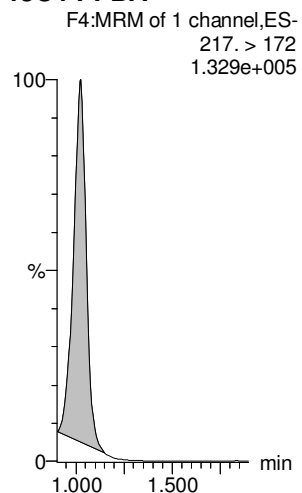
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

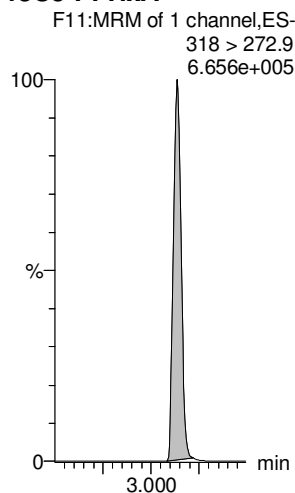
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_13, Date: 17-Oct-2018, Time: 14:14:29, ID: ICV181017M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

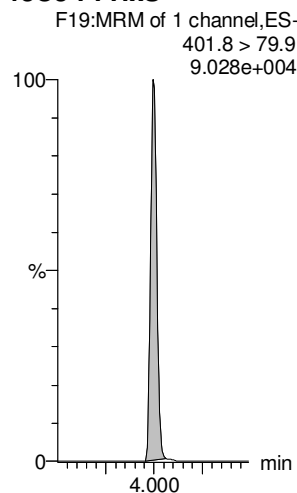
13C4-PFBA



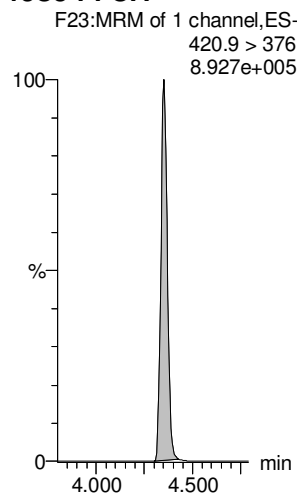
13C5-PFHxA



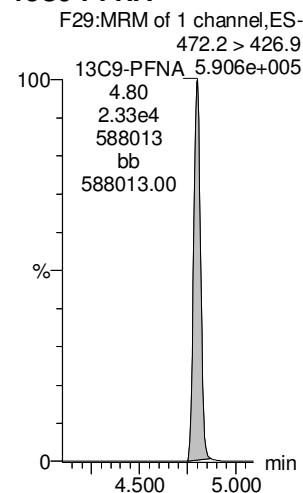
13C3-PFHxS



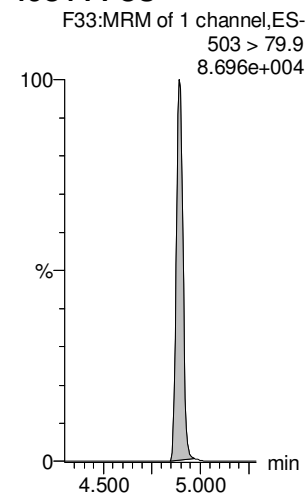
13C8-PFOA



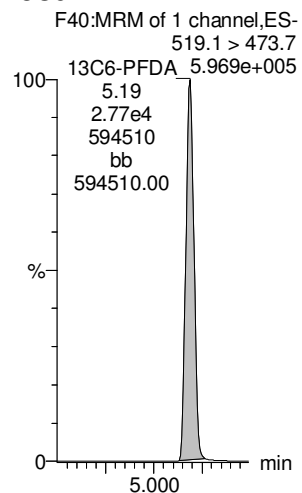
13C9-PFNA



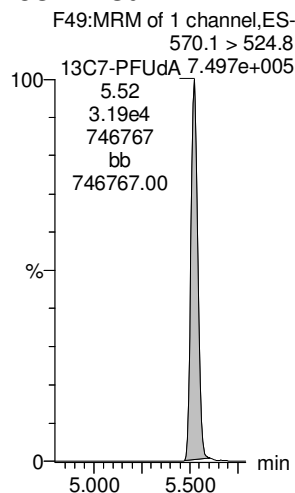
13C4-PFOS



13C6-PFDA



13C7-PFUdA



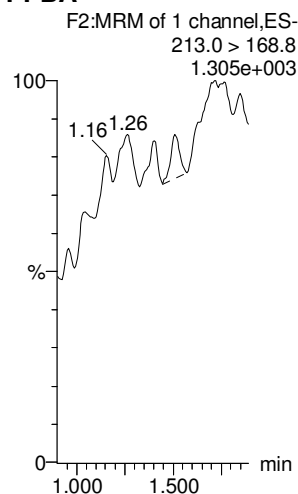
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

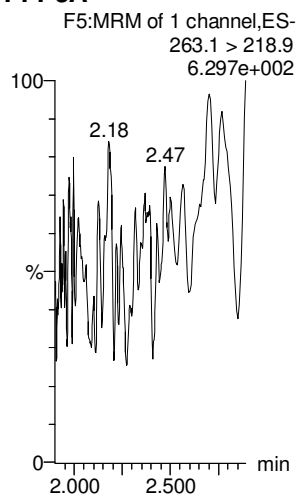
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_14, Date: 17-Oct-2018, Time: 14:25:02, ID: IPA, Description: IPA

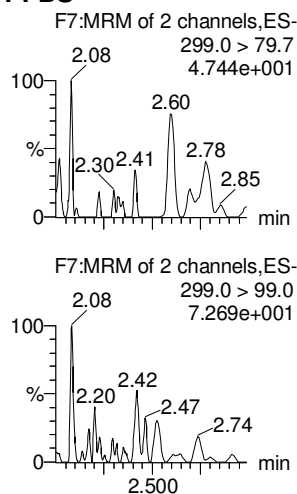
PFBA



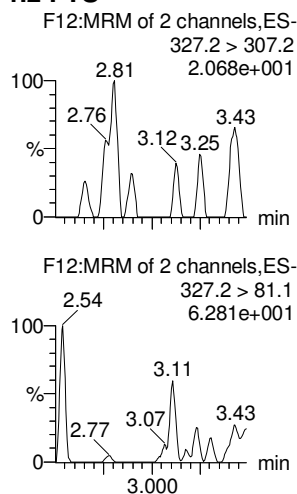
PFPeA



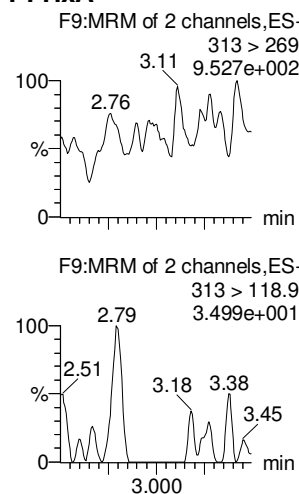
PFBS



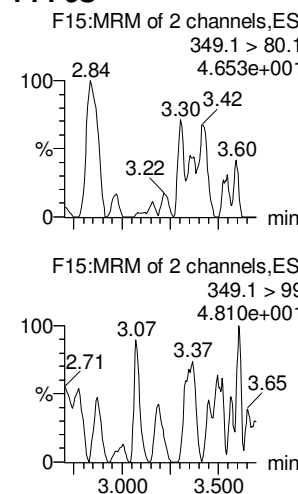
4:2 FTS



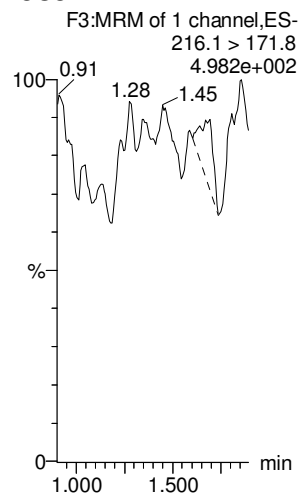
PFHxA



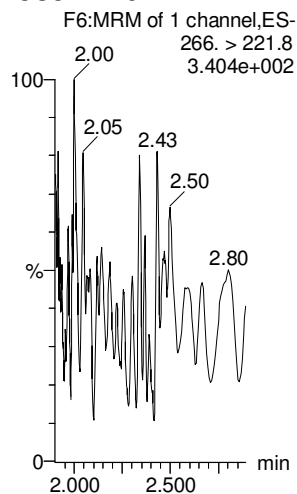
PFPeS



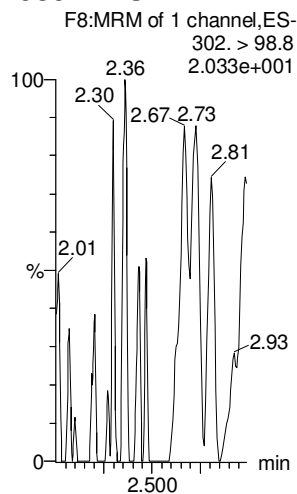
13C3-PFBA



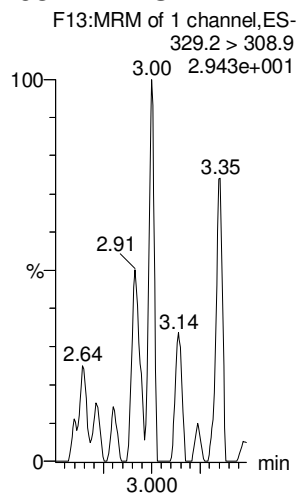
13C3-PFPeA



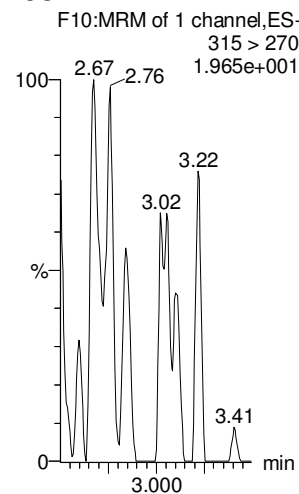
13C3-PFBS



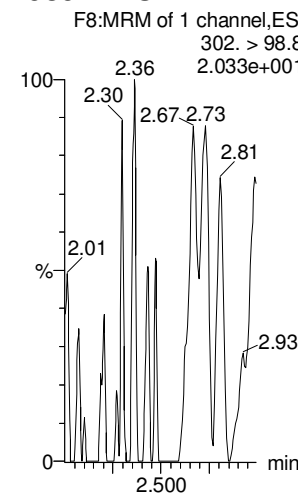
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



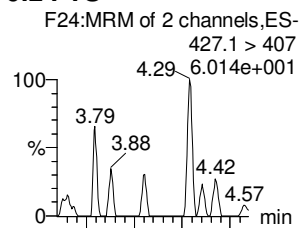
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

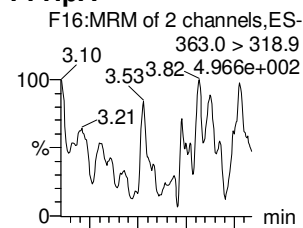
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_14, Date: 17-Oct-2018, Time: 14:25:02, ID: IPA, Description: IPA

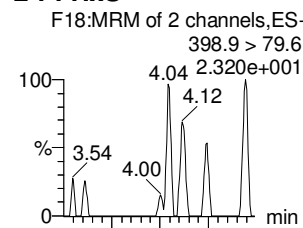
6:2 FTS



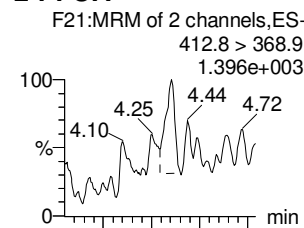
PFHpA



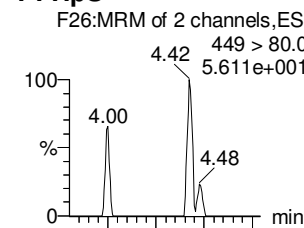
L-PFHxS



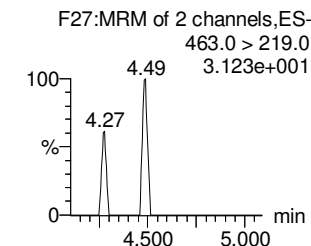
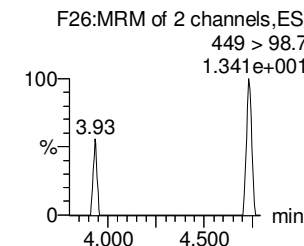
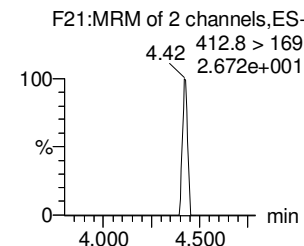
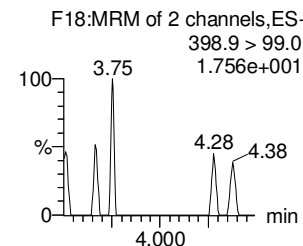
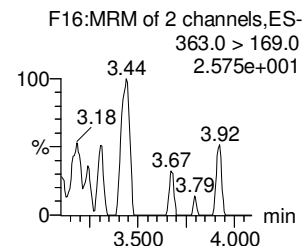
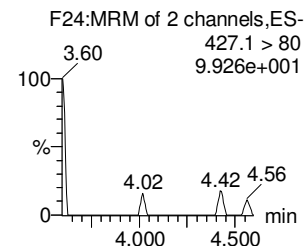
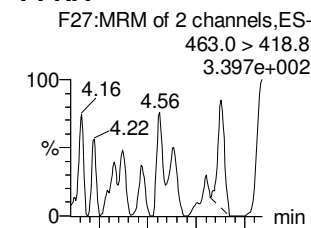
L-PFOA



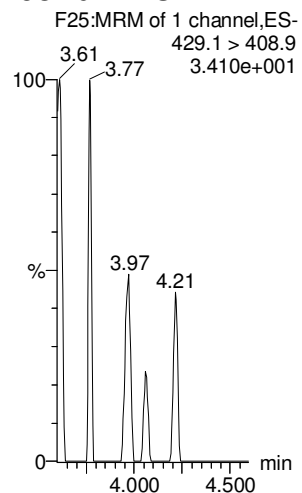
PFHpS



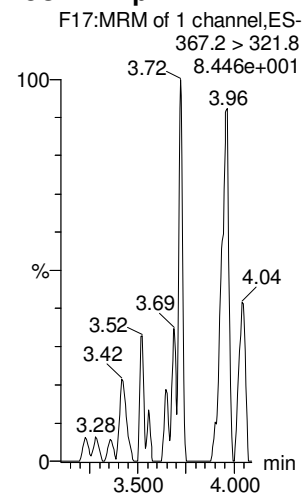
PFNA



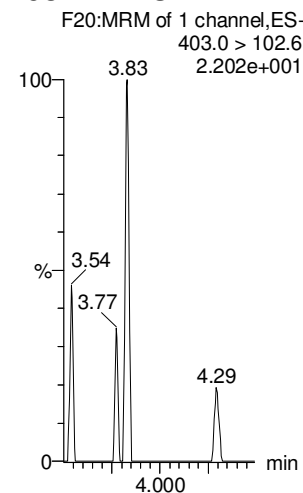
13C2-6:2 FTS



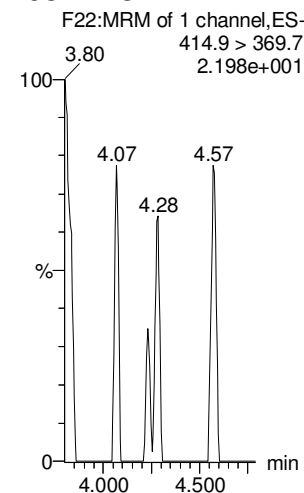
13C4-PFHpA



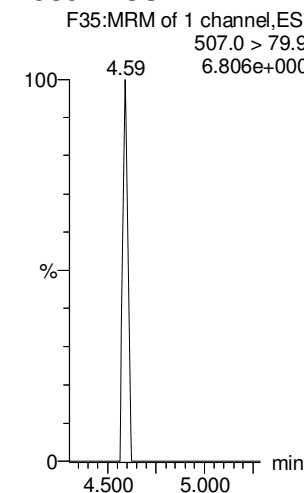
18O2-PFHxS



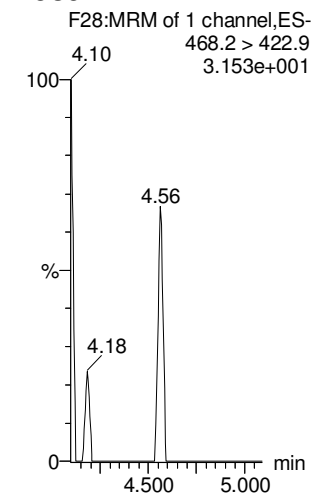
13C2-PFOA



13C8-PFOS



13C5-PFNA



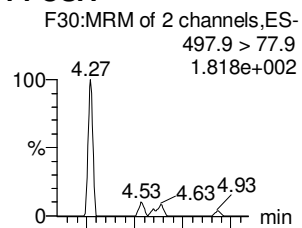
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

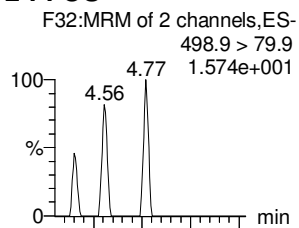
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_14, Date: 17-Oct-2018, Time: 14:25:02, ID: IPA, Description: IPA

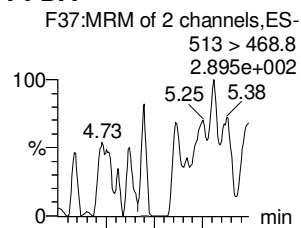
PFOSA



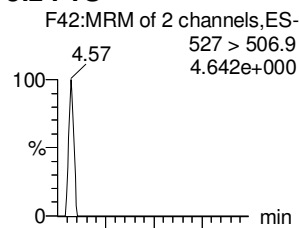
L-PFOS



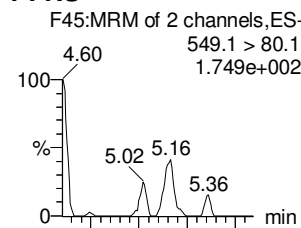
PFDA



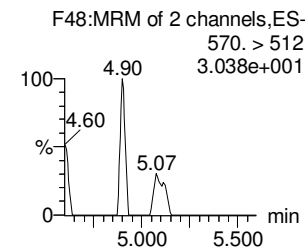
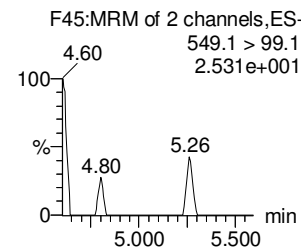
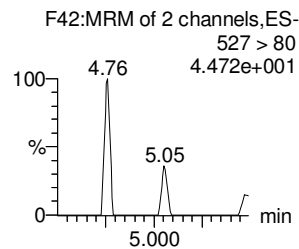
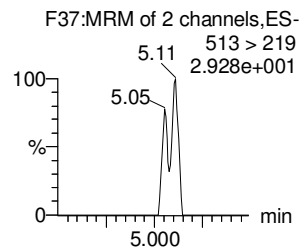
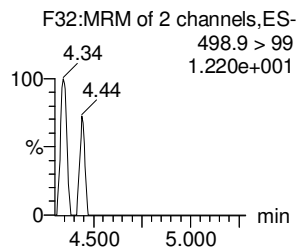
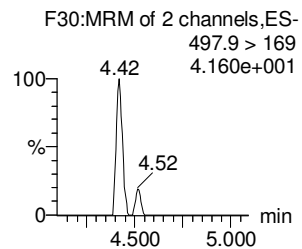
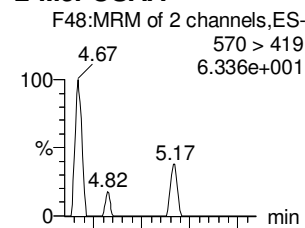
8:2 FTS



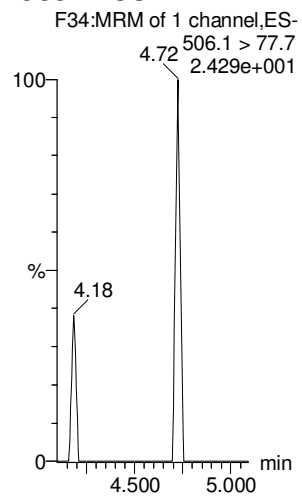
PFNS



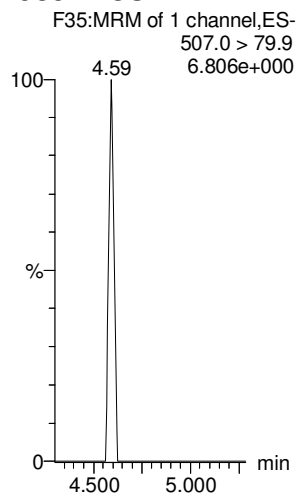
L-MeFOSAA



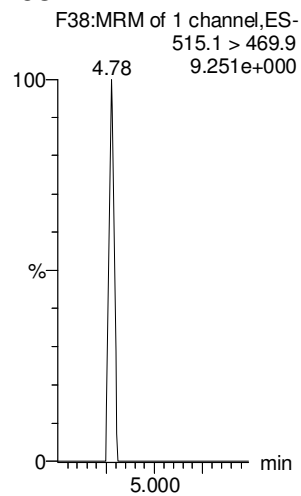
13C8-PFOSA



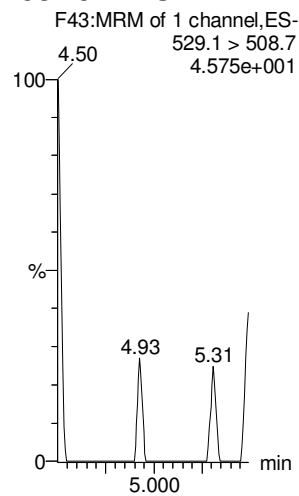
13C8-PFOS



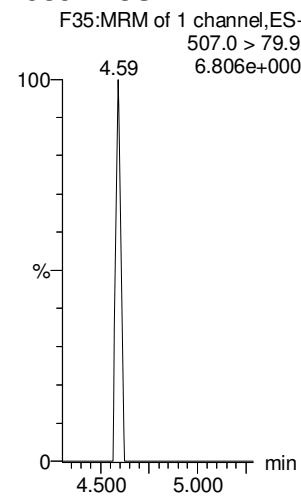
13C2-PFDA



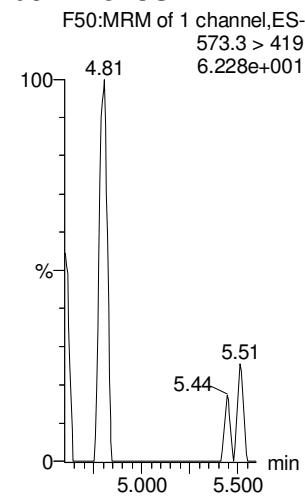
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



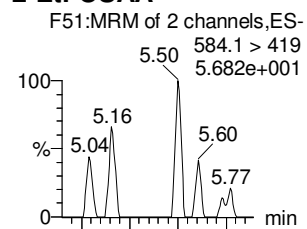
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

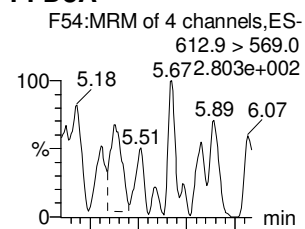
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_14, Date: 17-Oct-2018, Time: 14:25:02, ID: IPA, Description: IPA

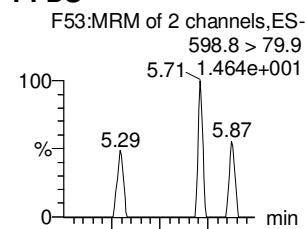
L-EtFOSAA



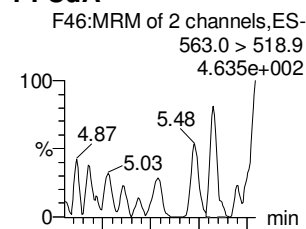
PFDoA



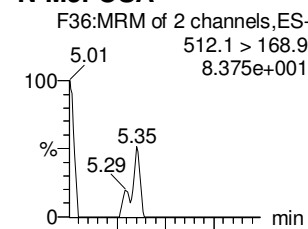
PFDS



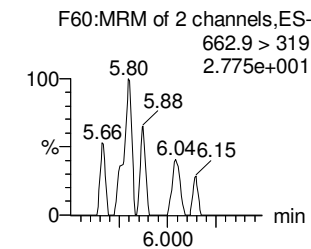
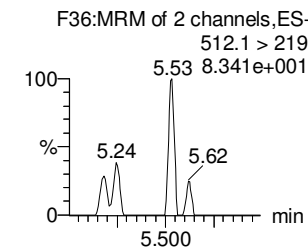
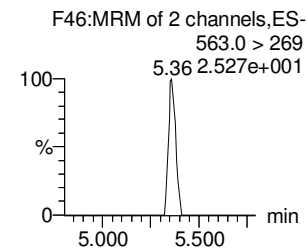
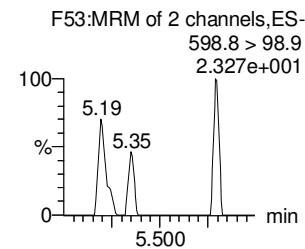
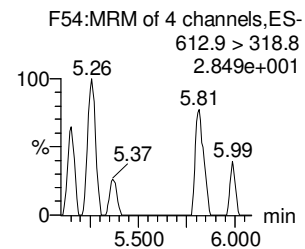
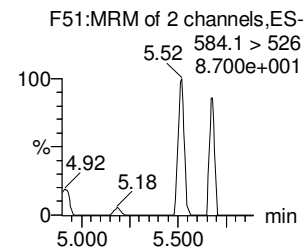
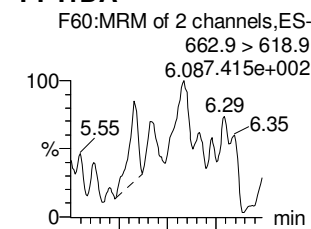
PFUdA



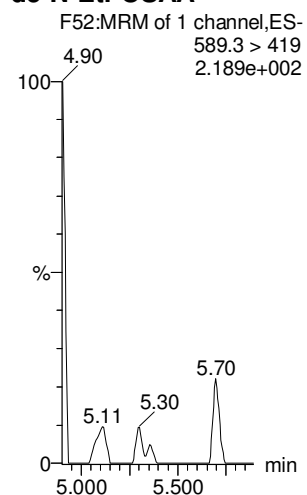
N-MeFOSA



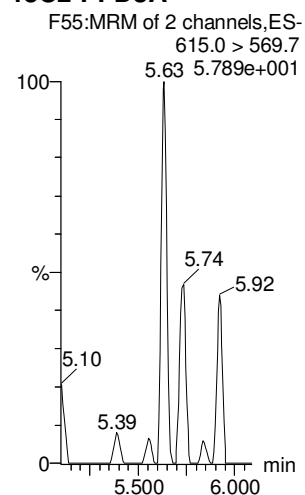
PFTrDA



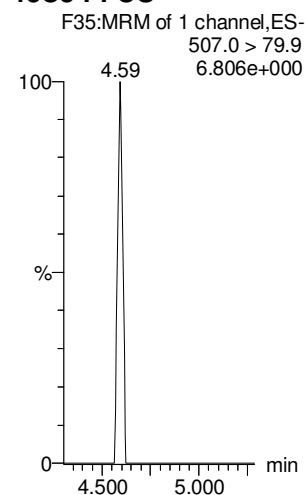
d5-N-EtFOSAA



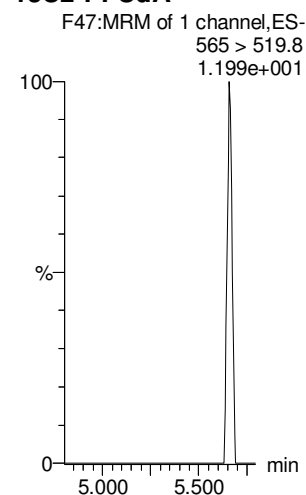
13C2-PFDoA



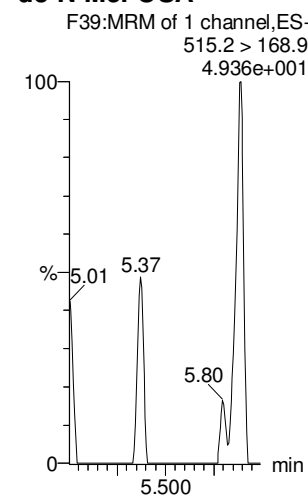
13C8-PFOS



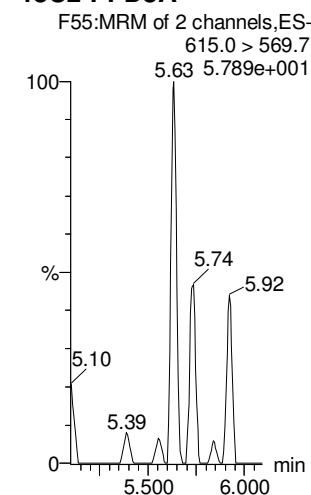
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA



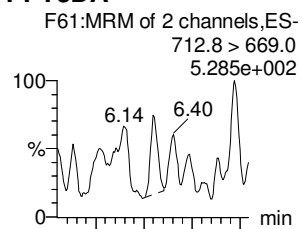
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

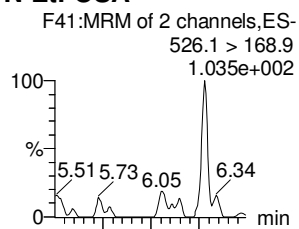
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_14, Date: 17-Oct-2018, Time: 14:25:02, ID: IPA, Description: IPA

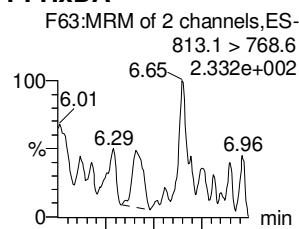
PFTeDA



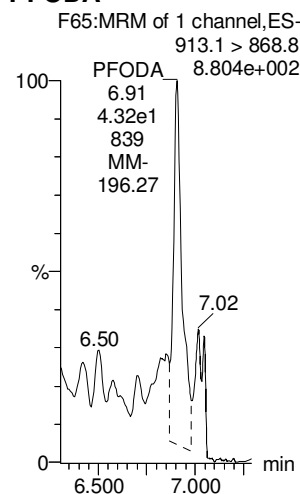
N-EtFOSA



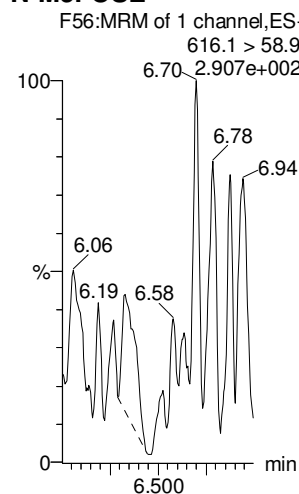
PFHxDA



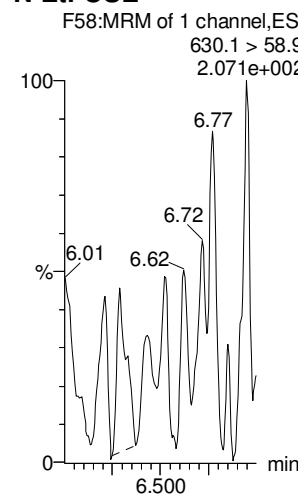
PFODA



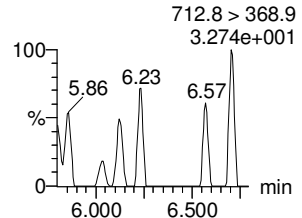
N-MeFOSE



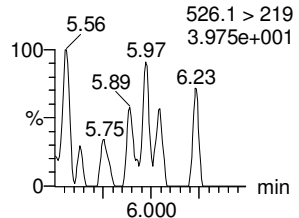
N-EtFOSE



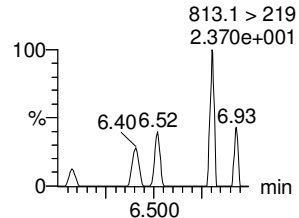
PFTeDA



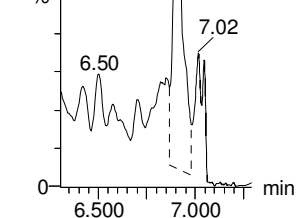
N-EtFOSA



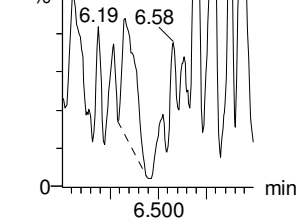
PFHxDA



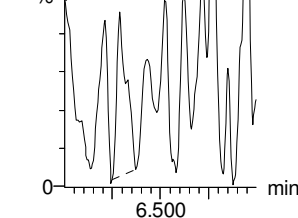
PFODA



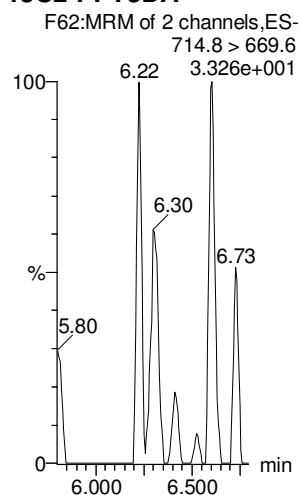
N-MeFOSE



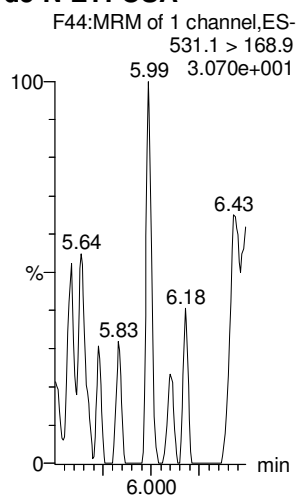
N-EtFOSE



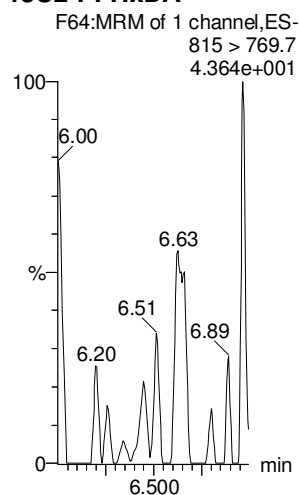
13C2-PFTeDA



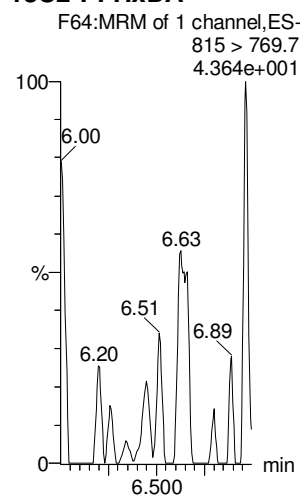
d5-N-ETFOSA



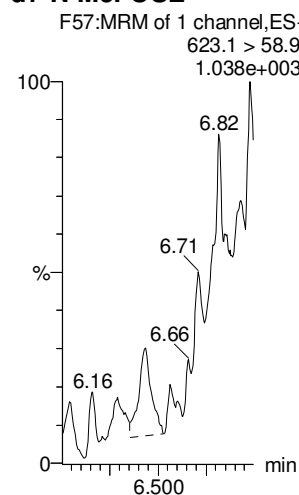
13C2-PFHxDA



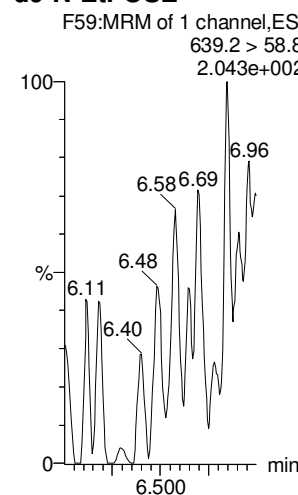
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



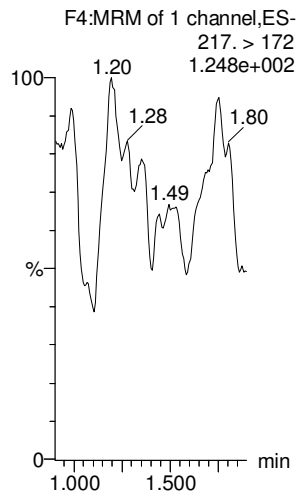
Dataset: Untitled

Last Altered: Thursday, October 18, 2018 12:16:21 Pacific Daylight Time

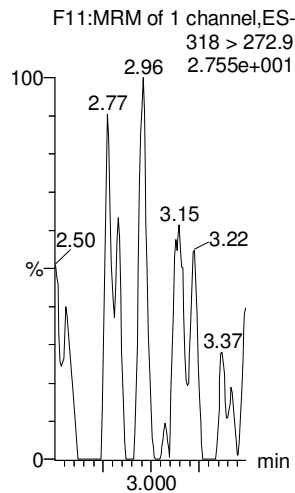
Printed: Thursday, October 18, 2018 12:16:28 Pacific Daylight Time

Name: 181017M1_14, Date: 17-Oct-2018, Time: 14:25:02, ID: IPA, Description: IPA

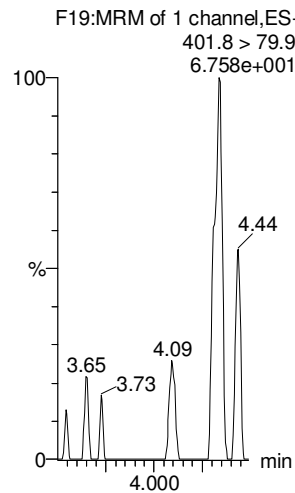
13C4-PFBA



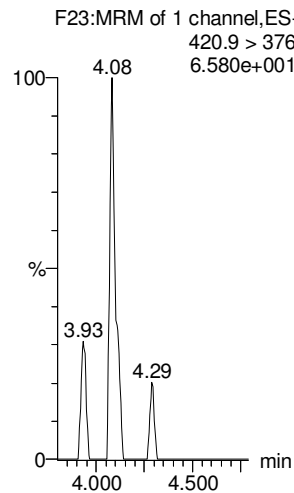
13C5-PFHxA



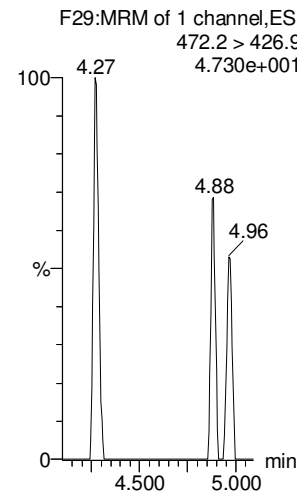
13C3-PFHxS



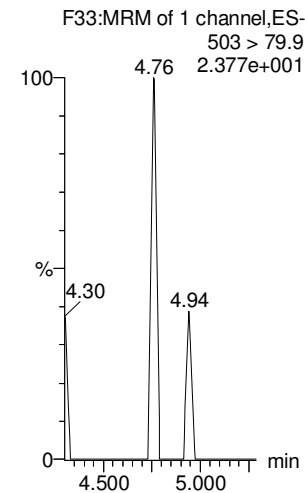
13C8-PFOA



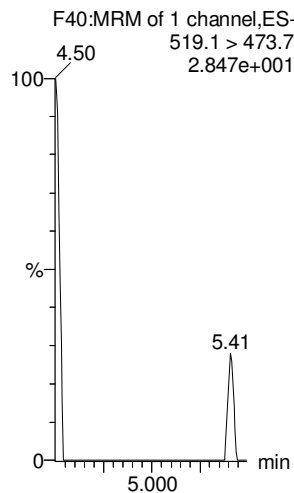
13C9-PFNA



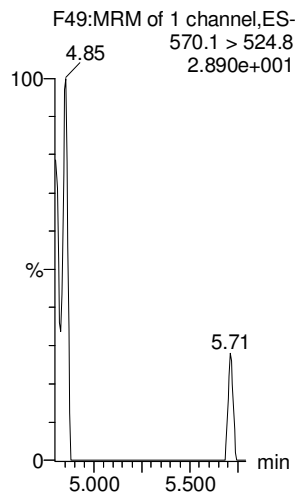
13C4-PFOS



13C6-PFDA



13C7-PFUdA



TUNE CHECKS

Mass Calibration
(tune check) 10-17-18

Q4

20181017

XEVO-TQSmicro Resolution Optimisation

Reference File Used	C:\MassLynx\Ref\ESI Positive Resolution TQ ResCal.ref , C:\MassLynx\Ref\ESI Negative Resolution TQ ResCal.ref
Tune File Used	C:\MassLynx\IntelliStart\Results\Unit Resolution\Resolution_20181017.ipr
Date of Optimisation	17-10-2018
Time of Optimisation	11 : 11 : 05 AM
Tolerance	+/- 0.150 Da

Date: Generated on Wed 17 Oct 2018 at 11:11

MS1 Optimisation

Scan Type : MS1 Scan

Target Peak Width : 0.7500 Da

Negative Ion Mode

Mass	Intensity	Peak Width	Result
179.0600	2.03e+007	0.8050	Pass
554.2600	2.01e+007	0.8788	Pass
1165.9800	6.08e+008	0.8130	Pass
1165.9800	6.08e+008	0.8130	Pass

Final Tune Page Settings

LM Resolution1 : 9.02

HM Resolution1 : 14.87

Ion Energy1 : 0.1

MS2 Optimisation

Scan Type : MS2 Scan

Target Peak Width : 0.7500 Da

Negative Ion Mode

Mass	Intensity	Peak Width	Result
179.0600	4.50e+006	0.7836	Pass
554.2600	8.39e+006	0.8375	Pass
1165.9800	1.66e+008	0.7979	Pass
1165.9800	1.66e+008	0.7979	Pass

Final Tune Page Settings

LM Resolution2 : 10.73

HM Resolution2 : 15.42

Ion Energy2 : 1.4

Resolution Optimisation Check : PASS

XEVO-TQSmicro Resolution Optimisation

Reference File Used	C:\MassLynx\Ref\ESI Positive Resolution TQ ResCal.ref , C:\MassLynx\Ref\ESI Negative Resolution TQ ResCal.ref
Tune File Used	C:\MassLynx\IntelliStart\Results\Unit Resolution\Resolution_20181017.ipr
Date of Optimisation	17-10-2018
Time of Optimisation	11 : 03 : 13 AM
Tolerance	+/- 0.150 Da

Date: Generated on Wed 17 Oct 2018 at 11:03

MS1 Optimisation

Scan Type : MS1 Scan

Target Peak Width : 0.7500 Da

Positive Ion Mode

Mass	Intensity	Peak Width	Result
74.1000	1.72e+008	0.7428	Pass
487.1700	5.16e+008	0.8635	Pass
1021.9500	5.51e+008	0.8172	Pass
1121.9000	1.24e+009	0.8070	Pass

Final Tune Page Settings

LM Resolution1 : 7.43

HM Resolution1 : 14.98

Ion Energy1 : -0.5

MS2 Optimisation

Scan Type : MS2 Scan

Target Peak Width : 0.7500 Da

Positive Ion Mode

Mass	Intensity	Peak Width	Result
74.1000	8.25e+007	0.7373	Pass
487.1700	1.48e+008	0.7858	Pass
1021.9500	1.44e+008	0.7636	Pass
1121.9000	3.27e+008	0.7749	Pass

Final Tune Page Settings

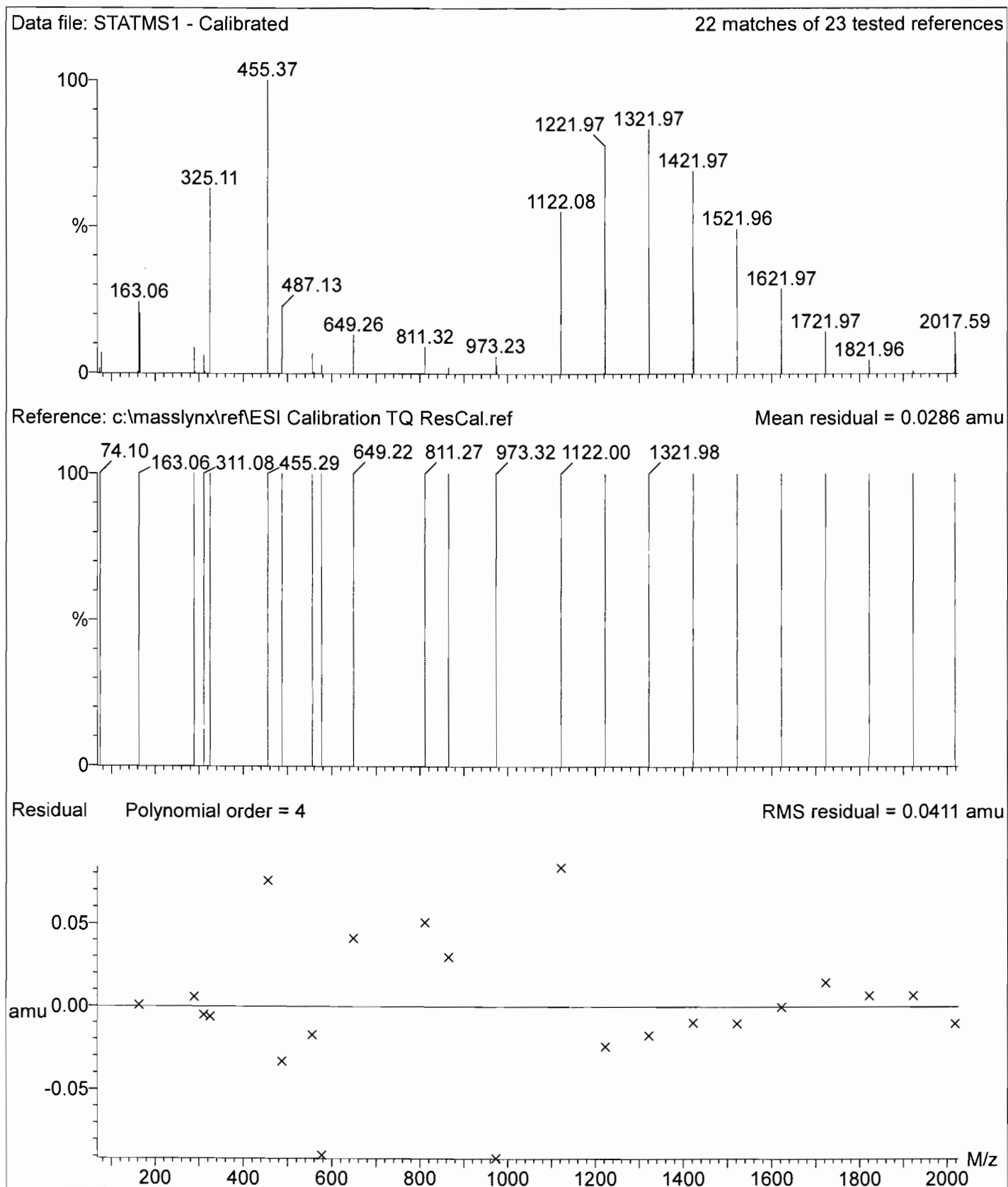
LM Resolution2 : 12.37

HM Resolution2 : 15.36

Ion Energy2 : 0.6

Resolution Optimisation Check : PASS

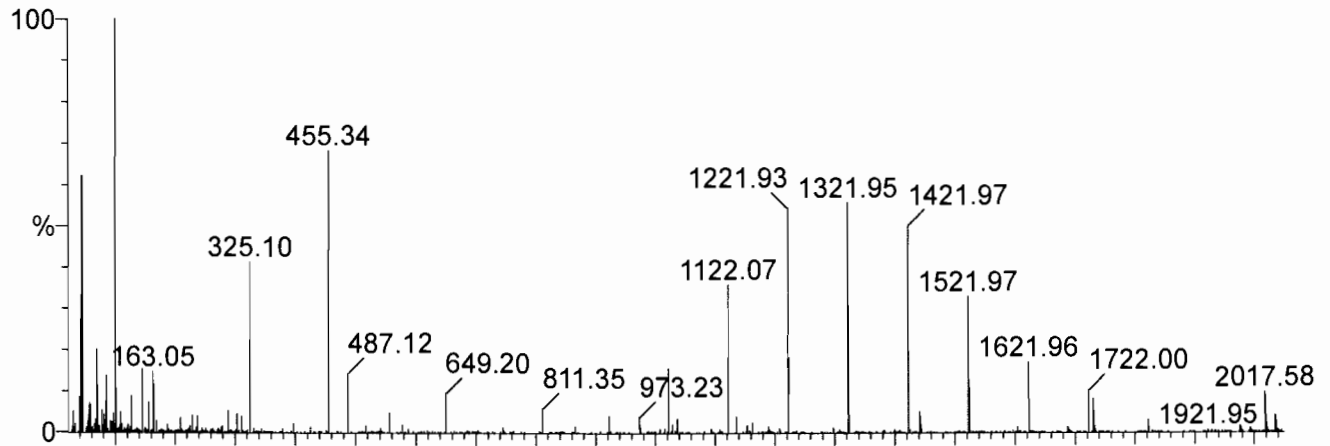
Printed: Wed Oct 17 11:13:14 2018



Printed: Wed Oct 17 11:14:22 2018

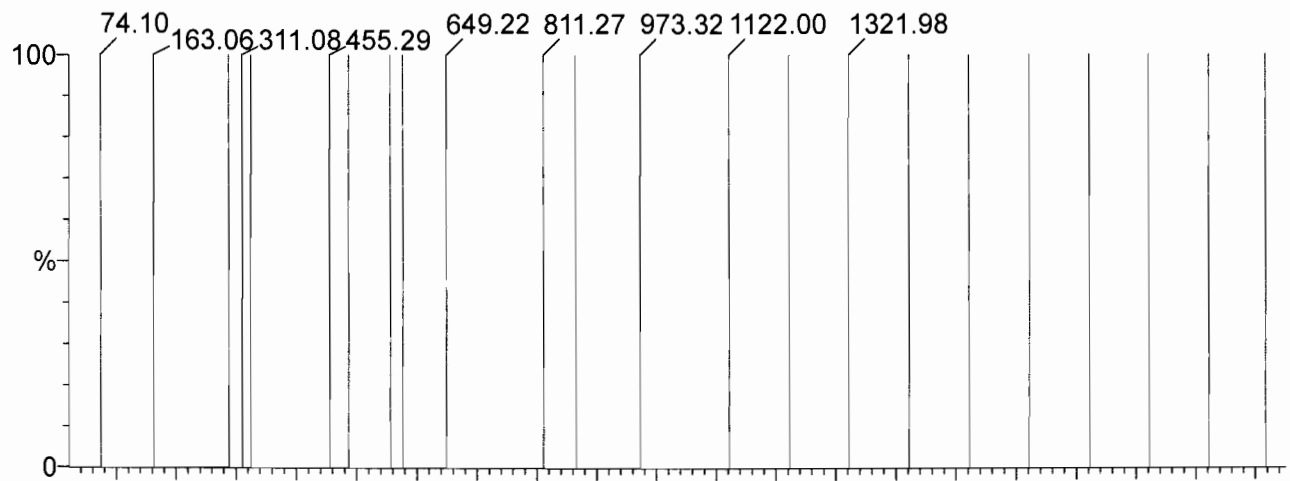
Data file: SCNMS1 - Calibrated

23 matches of 23 tested references



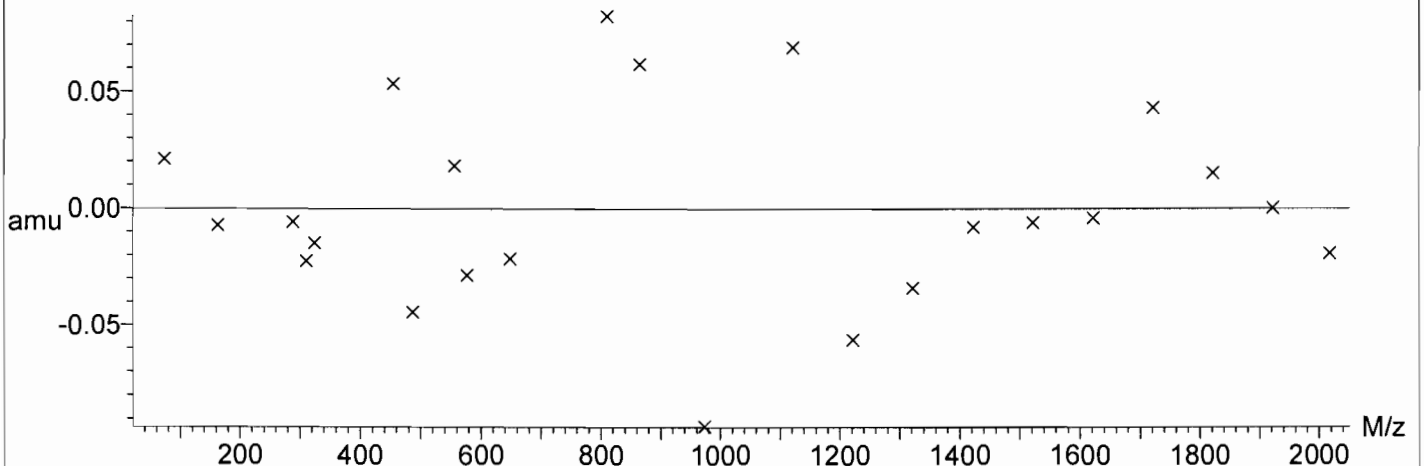
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.0317 amu



Residual Polynomial order = 4

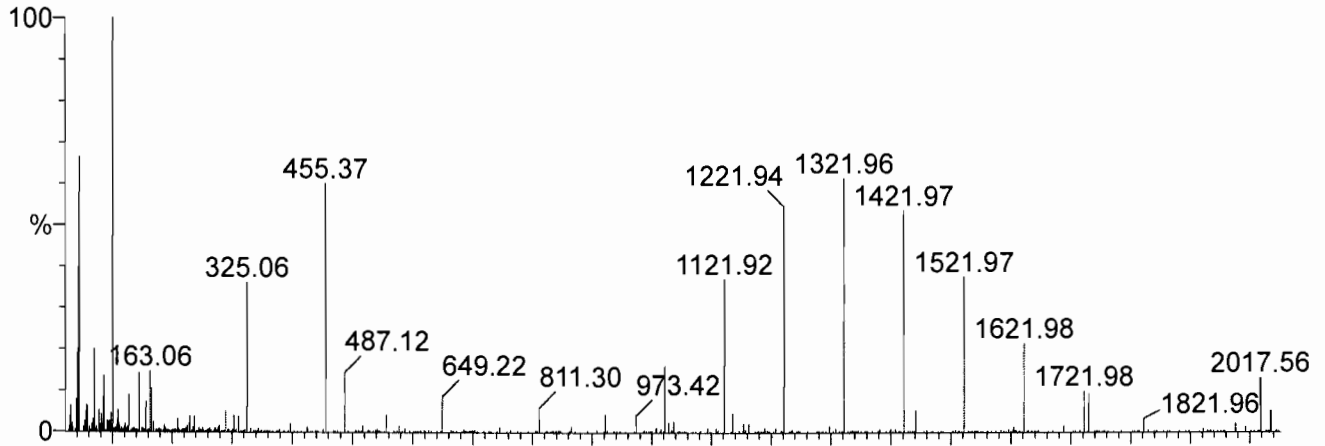
RMS residual = 0.041 amu



Printed: Wed Oct 17 11:15:33 2018

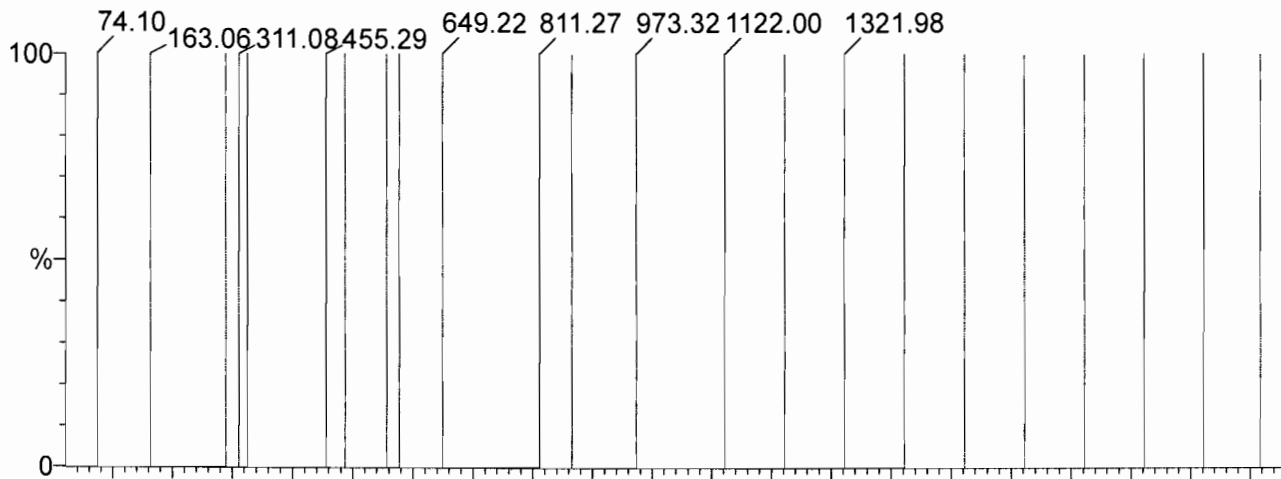
Data file: FASTMS1 - Calibrated

23 matches of 23 tested references



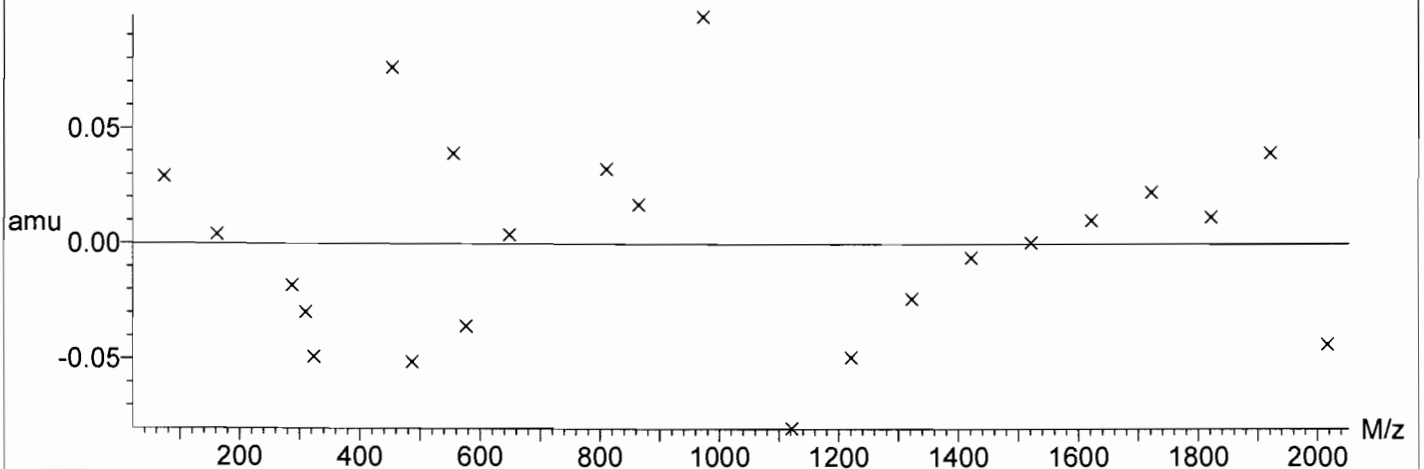
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.0335 amu

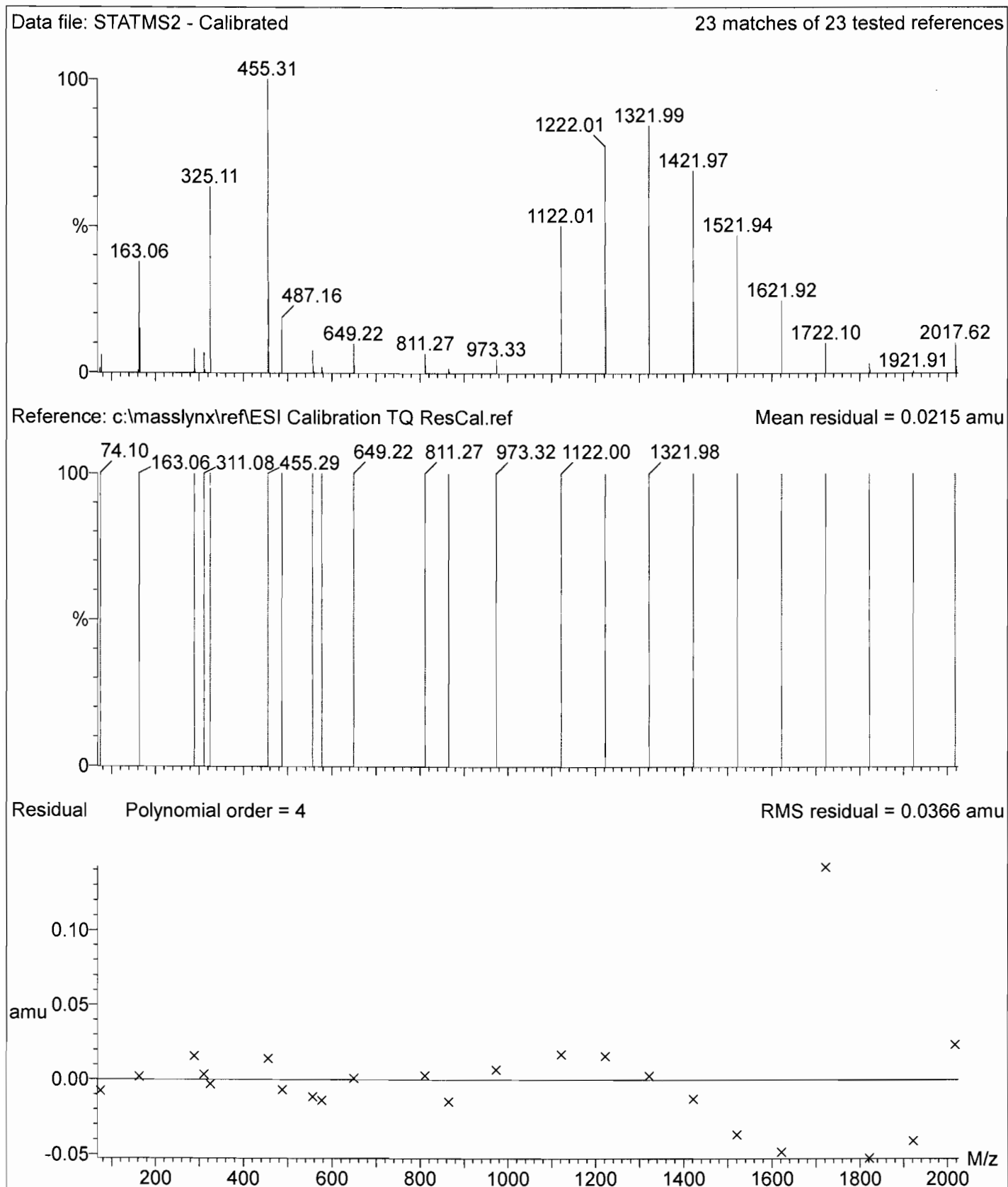


Residual Polynomial order = 4

RMS residual = 0.0419 amu



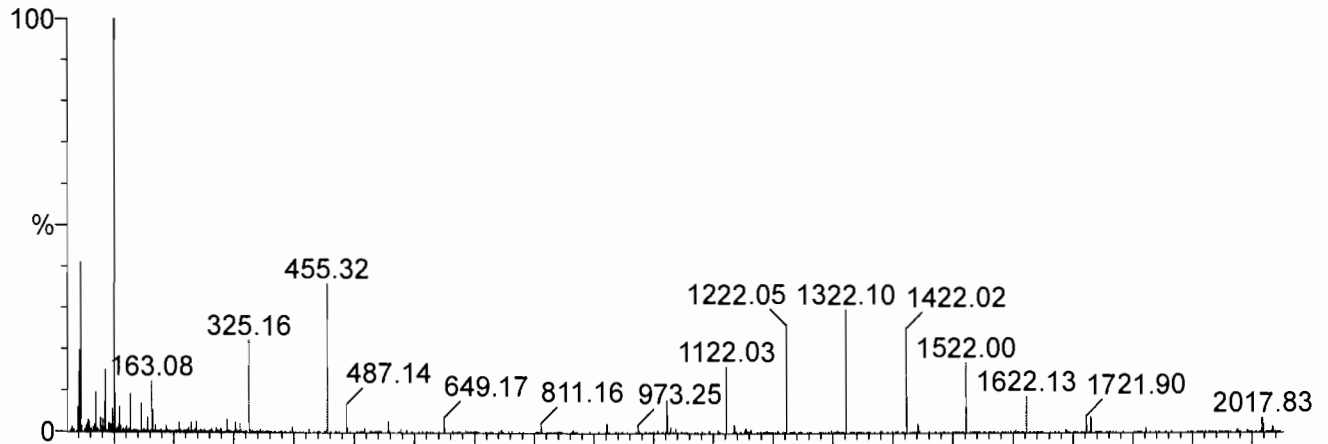
Printed: Wed Oct 17 11:16:42 2018



Printed: Wed Oct 17 11:17:50 2018

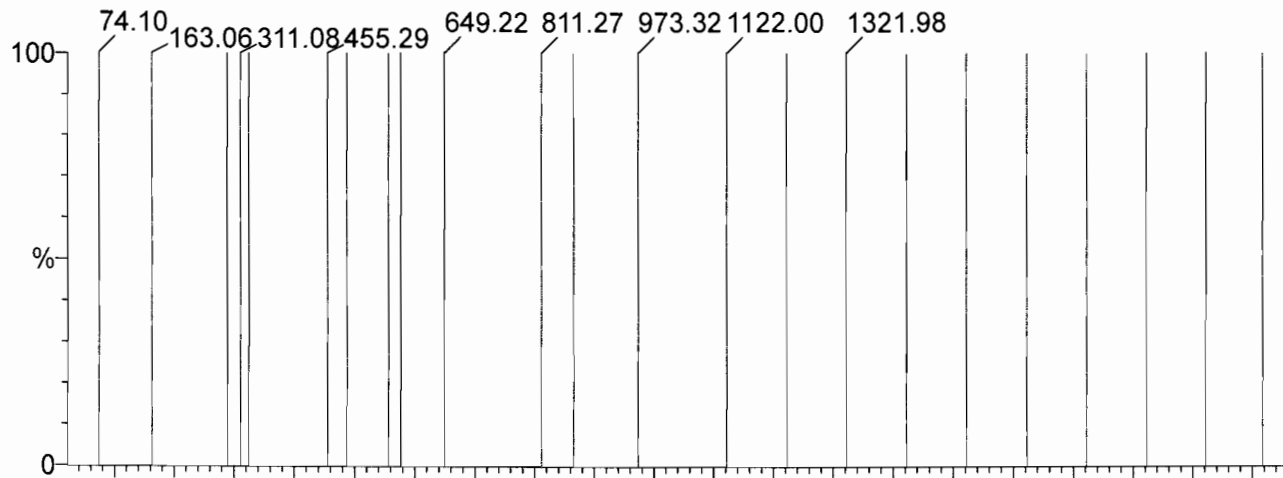
Data file: SCNMS2 - Calibrated

23 matches of 23 tested references



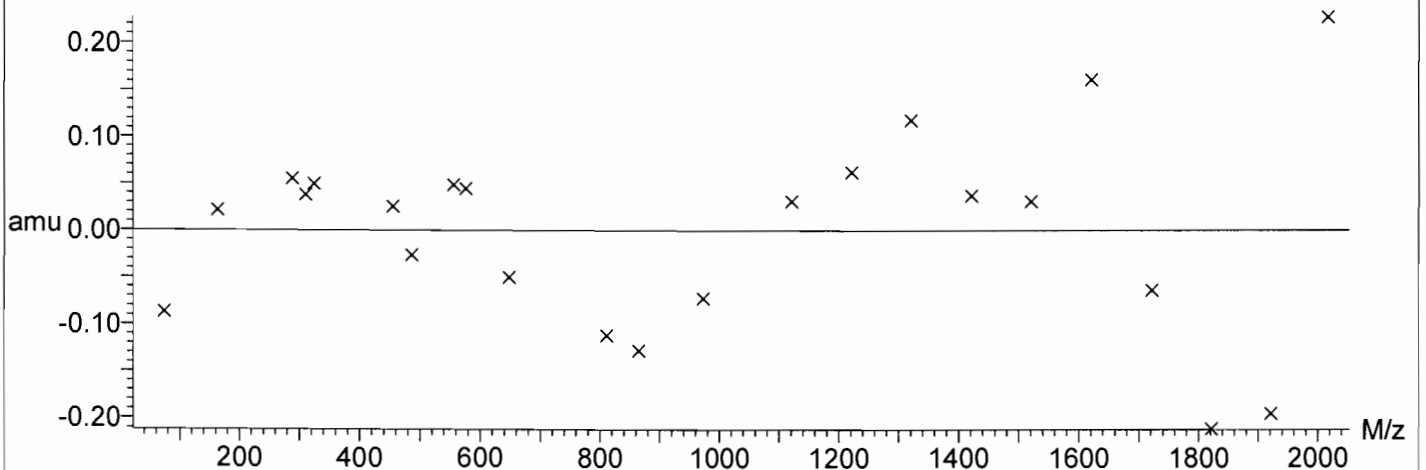
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.0823 amu



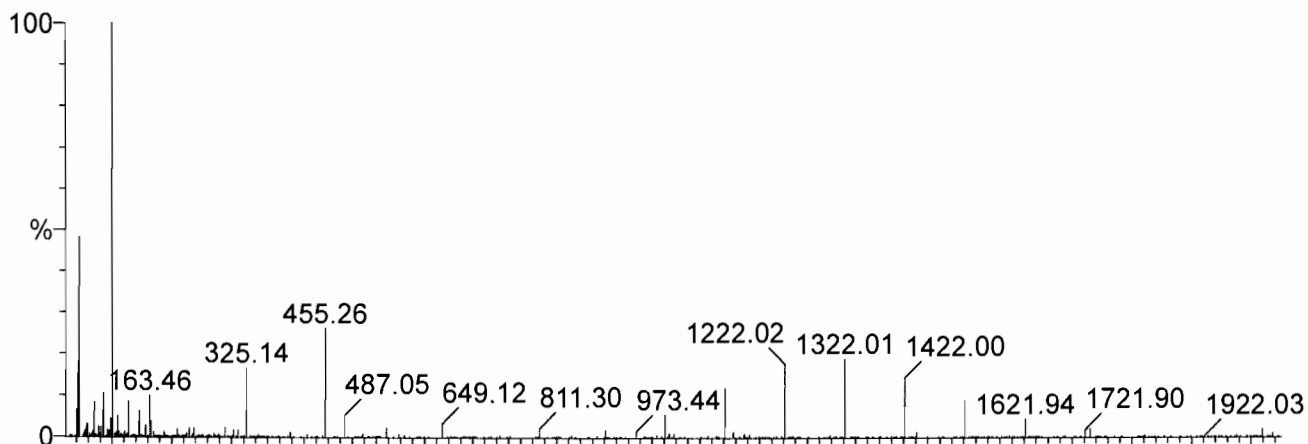
Residual Polynomial order = 4

RMS residual = 0.103 amu

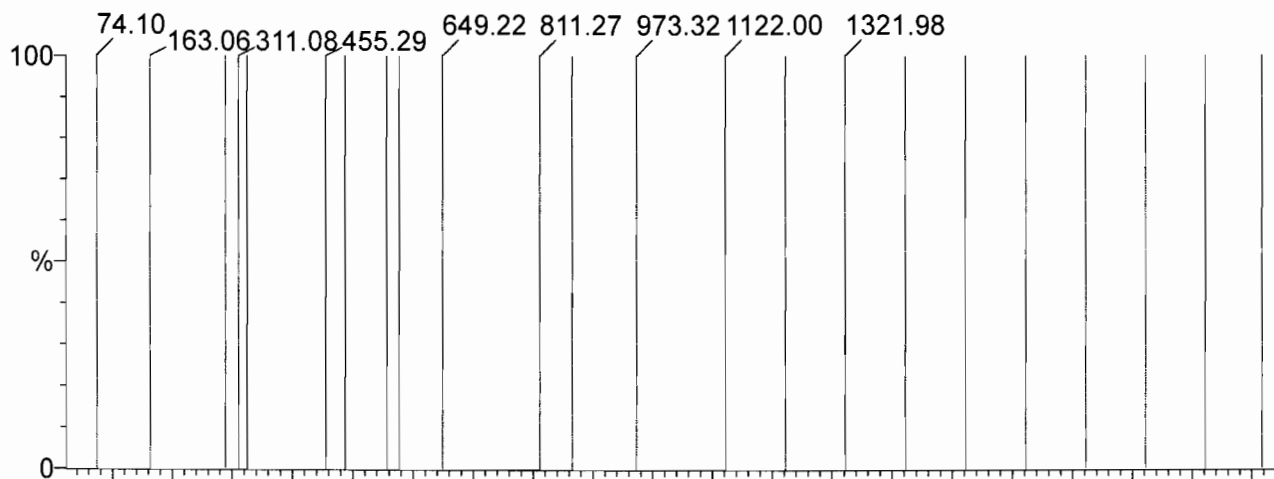


Printed: Wed Oct 17 11:19:16 2018

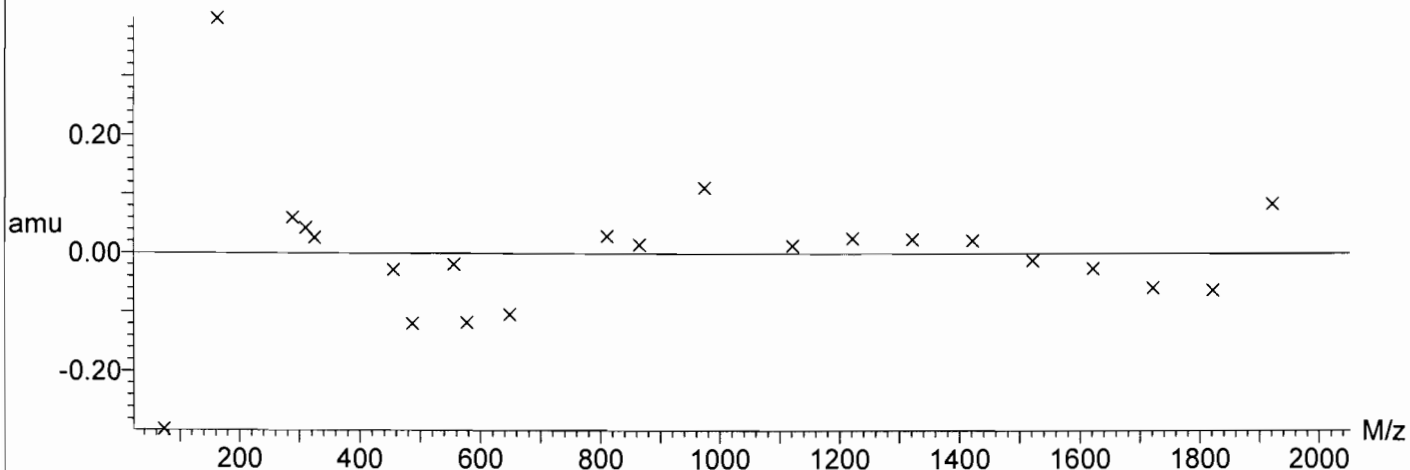
Data file: FASTMS2 - Calibrated 22 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref Mean residual = 0.0768 amu



Residual Polynomial order = 4 RMS residual = 0.121 amu



**DATA VALIDATION SUMMARY REPORT
NAS OCEANA, VIRGINIA BEACH, VIRGINIA**

Client: CH2M HILL, Inc., Virginia Beach, Virginia
SDG: 1803297
Laboratory: Vista Analytical Laboratory, El Dorado Hills, California
Site: NAS Oceana, Virginia Beach, Virginia, CTO-WE14
Date: November 12, 2018

PFCs			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	OC-RW12-1018	1803297-01	Water
2	OC-FB12-1018	1803297-02	Water
3	OC-RW06-1018	1803297-03	Water
4	OC-FB06-1018	1803297-04	Water

A full data validation was performed on the analytical data for two water samples and two aqueous field blank samples collected on October 10, 2018 by CH2M HILL at the NAS Oceana site in Virginia Beach, Virginia. The samples were analyzed under the EPA Method "Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)".

Specific method references are as follows:

Analysis
PFCs

Method References
USEPA Method 537 Modified

The data have been validated according to the protocols and quality control (QC) requirements of the analytical method, and the U.S. Department of Defense (DoD) Quality Systems Manual (QSM), Version 5.0 (July 2013) and the USEPA National Functional Guidelines for Organic Data Review as follows:

- The USEPA "Contract Laboratories Program National Functional Guidelines for Organic Superfund Methods Data Review," January 2017;
- and the reviewer's professional judgment.

The following data quality indicators were reviewed for this report:

Organics

- Date Completeness, Case Narrative & Custody Documentation
- Holding times
- Initial and continuing calibration summaries

- Method blank and field QC blank contamination
- Internal Standards
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) recoveries
- Target Compound Identification
- Compound Quantitation
- Field Duplicate sample precision

A full (Level IV) data validation was performed with this review including a recalculation of 10% of the detected results in the samples.

Data Usability Assessment

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Perfluorinated Compounds (PFCs)

Data Completeness, Case Narrative & Custody Documentation

- The case narrative and chain-of-custody documentation were included in the data package as required.

Holding Times

- All samples were extracted within 14 days for water samples and analyzed within 28 days.

Initial Calibration

- All percent difference (%D) and/or correlation coefficients criteria were met.

Continuing Calibration

- All percent recovery (%R) criteria were met.

Method Blank

- The method blanks were free of contamination.

Field QC Blank

- The field blank samples were free of contamination.

Blank ID	Compound	Conc. ng/L	Qualifier	Affected Samples
OC-FB12-1018	None - ND	-	-	-
OC-FB06-1018	None - ND	-	-	-

Internal Standards

- All criteria were met except for the following.

EDS Sample ID	Internal Standard	%R	Affected Samples
1	13C5-PFNA	49.3%	UJ - Associated Compound

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Sample (LCS)

- The LCS samples exhibited acceptable percent recoveries (%R).

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- The ion ratios for PFHxS and PFOS in EDS Sample 3 were outside of the 70-130% QC limits. The reviewer qualified these results as estimated (J).

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed:

Nancy Weaver
Nancy Weaver
Senior Chemist

Dated: 11/13/18

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Sample ID: OC-RW12-1018

PFAS Isotope Dilution Method

Client Data		Laboratory Data	
Name: CH2M Hill	Matrix: Drinking Water	Lab Sample: 1803297-01	Column: BEH C18
Project: 678440.SI.SI.01	Date Collected: 10-Oct-18 14:30	Date Received: 11-Oct-18 09:20	

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.98	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	I
PFHpA	375-85-9	ND	2.98	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	I
PFHxS	355-46-4	ND	2.98	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	I
PFOA	335-67-1	ND	2.98	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	I
PFOS	1763-23-1	ND	2.98	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	I
PFNA	375-95-1	ND	2.98	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	I
Labeled Standards	Type	% Recovery		Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
I3C3-PFBS	IS	60.9		50 - 150			B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	I
I3C4-PFHpA	IS	57.6		50 - 150			B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	I
I8O2-PFHxS	IS	58.6		50 - 150			B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	I
I3C2-PFOA	IS	50.9		50 - 150			B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	I
I3C8-PFOS	IS	58.9		50 - 150			B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	I
I3C5-PFNA	IS	49.3		50 - 150		H	B8J0128	16-Oct-18	0.115 L	17-Oct-18 21:42	I

DL - Detection Limit
 LOD - Limit of Detection
 LOQ - Limit of quantitation
 Results reported to the DL.
 When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

NW 11/2/18

Sample ID: OC-FB12-1018

PFAS Isotope Dilution Method

Client Data		Laboratory Data	
Name: CH2M Hill	Matrix: Drinking Water	Lab Sample: 1803297-02	Column: BEH C18
Project: 678440.SI.SI.01	Date Collected: 10-Oct-18 14:32	Date Received: 11-Oct-18 09:20	

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	% Recovery	
												Labeled Standards	Type
PFBS	375-73-5	ND	2.91	4.24	8.50		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52			
PFHpA	375-85-9	ND	2.91	4.24	8.50		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52			
PFHxS	355-46-4	ND	2.91	4.24	8.50		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52			
PFOA	335-67-1	ND	2.91	4.24	8.50		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52			
PFOS	1763-23-1	ND	2.91	4.24	8.50		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52			
PFNA	375-95-1	ND	2.91	4.24	8.50		B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52			
Labeled Standards												% Recovery	
13C3-PFBS	IS	73.0		50 - 150			B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52			
13C4-PFHpA	IS	65.0		50 - 150			B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52			
18O2-PFHxS	IS	63.4		50 - 150			B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52			
13C2-PFOA	IS	59.2		50 - 150			B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52			
13C8-PFOS	IS	74.9		50 - 150			B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52			
13C5-PFNA	IS	52.3		50 - 150			B8J0128	16-Oct-18	0.118 L	17-Oct-18 21:52			

DL - Detection Limit
 LOD - Limit of Detection
 LOQ - Limit of quantitation
 Results reported to the DL.
 When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

1803297

Sample ID: OC-RW06-1018

PFAS Isotope Dilution Method

Client Data		Laboratory Data	
Name: CH2M Hill	Matrix: Drinking Water	Lab Sample: 1803297-03	Column: BEH C18
Project: 678440.SI.SI.01	Date Collected: 10-Oct-18 15:08	Date Received: 11-Oct-18 09:20	

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	% Recovery	
												Limits	Limits
PFBS	375-73-5	3.76	2.97	4.35	8.69	J	B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03			
PFHpA	375-85-9	14.6	2.97	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03			
PFHxS	355-46-4	19.9	2.97	4.35	8.69	J	B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03			
PFOA	335-67-1	44.6	2.97	4.35	8.69		B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03			
PFOS	1763-23-1	85.4	2.97	4.35	8.69	J	B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03			
PFNA	375-95-1	5.87	2.97	4.35	8.69	J	B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03			
Labeled Standards	Type	% Recovery											
13C3-PFBS	IS	64.9		50 - 150			B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03			
13C4-PFHpA	IS	60.4		50 - 150			B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03			
18O2-PFHxS	IS	60.4		50 - 150			B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03			
13C2-PFOA	IS	56.3		50 - 150			B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03			
13C8-PFOS	IS	63.7		50 - 150			B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03			
13C5-PFNA	IS	53.6		50 - 150			B8J0128	16-Oct-18	0.115 L	17-Oct-18 22:03			

DL - Detection Limit
 LOD - Limit of Detection
 LOQ - Limit of quantitation
 Results reported to the DL.
 When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

OT
OT

1803297

Sample ID: OC-FB06-1018

PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name: CH2M Hill	Matrix: Drinking Water	Lab Sample: 1803297-04	Column: BEH C18								
Project: 678440.SI.SI.01	Date Collected: 10-Oct-18 15:10	Date Received: 11-Oct-18 09:20									
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.92	4.27	8.54		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	I
PFHpA	375-85-9	ND	2.92	4.27	8.54		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	I
PFHxS	355-46-4	ND	2.92	4.27	8.54		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	I
PFOA	335-67-1	ND	2.92	4.27	8.54		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	I
PFOS	1763-23-1	ND	2.92	4.27	8.54		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	I
PFNA	375-95-1	ND	2.92	4.27	8.54		B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	I
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBS	IS	83.3	50 - 150			B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	I	
13C4-PFHpA	IS	80.5	50 - 150			B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	I	
18O2-PFHxS	IS	81.2	50 - 150			B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	I	
13C2-PFOA	IS	71.2	50 - 150			B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	I	
13C8-PFOS	IS	81.2	50 - 150			B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	I	
13C5-PFNA	IS	63.6	50 - 150			B8J0128	16-Oct-18	0.117 L	17-Oct-18 22:13	I	

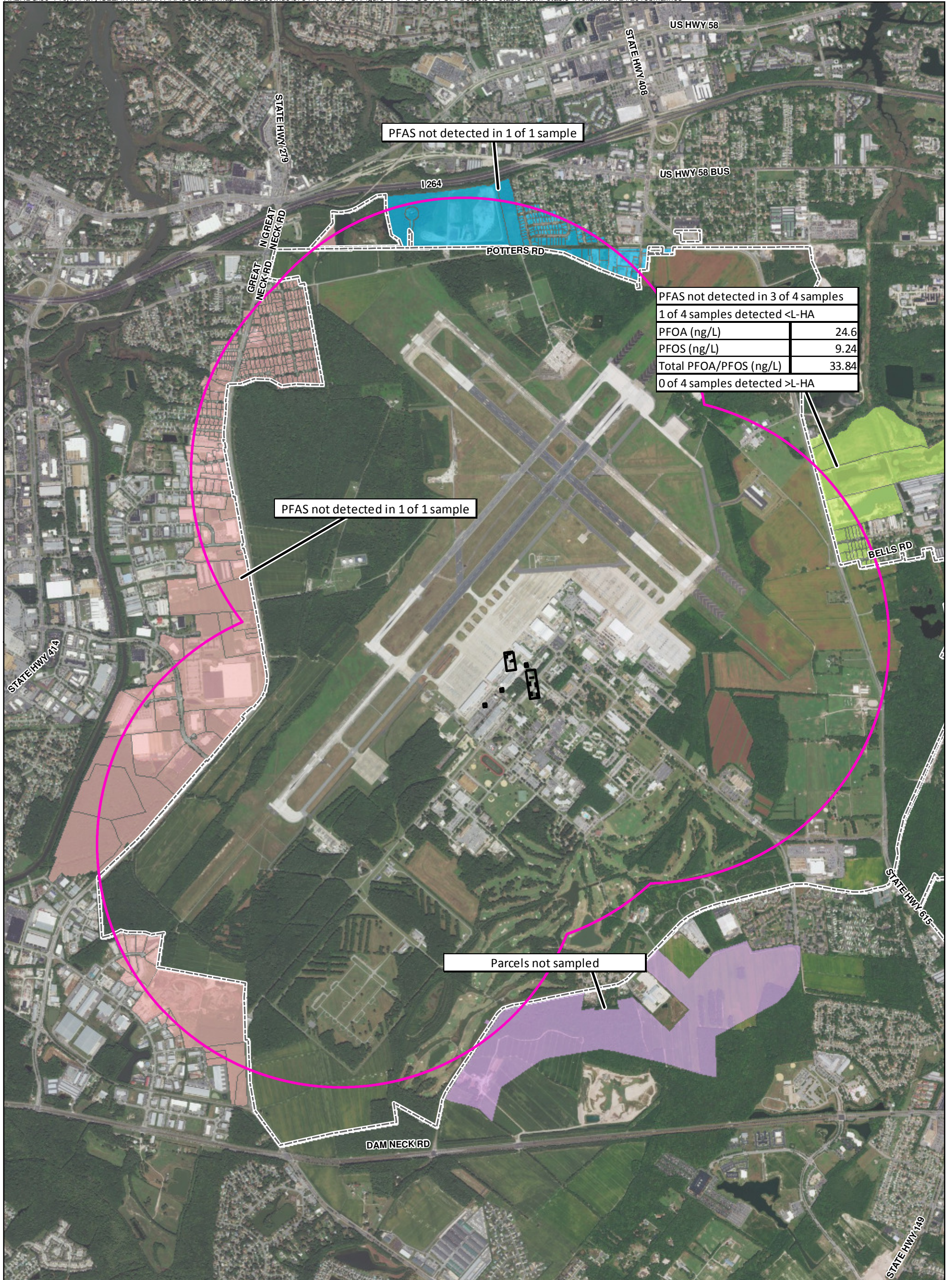
Results reported to the DL.

LOD - Limit of Detection

LOQ - Limit of quantitation

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

10/11/2018



- Legend**
- Non-Core Target Treatment Area (2004)
 - - Core Target Treatment Area (2004) (Core)
 - Sampling Area
 - - Installation Boundary
- Off-Base Parcels**
- East
 - North
 - South
 - West

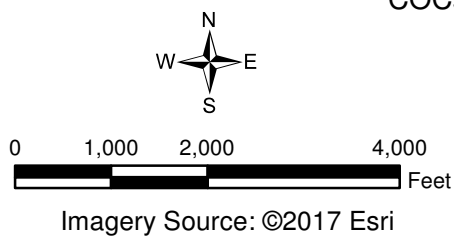


Figure 4-3
COCs Detections in Potable Wells Sampled from Parcels Located Off-Base
Basewide Per- and Polyfluoroalkyl Substances Site Inspection Report
NAS Oceana, Virginia Beach, Virginia