



**Groundwater Sample Results,
Level 2 Laboratory Report, Level 4 Laboratory Report,
Electronic Data Deliverable, Data Validation Report,
and the Sample Location Report, SDG 1701023**

*Marine Corps Air Station Yuma
Yuma, Arizona*

November 2019



August 25, 2017

Vista Work Order No. 1701023

Ms. Medora.Hackler
AMEC Foster Wheeler
9210 Sky Park Court Suite 200
San Diego, CA 92123

Dear Ms. Medora.Hackler,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on August 09, 2017. This sample set was analyzed on a rush turn-around time, under your Project Name 'MCAS Yuma, AZ TO 105'.

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. 1701023**Case Narrative****Sample Condition on Receipt:**

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

Analytical Notes:**Modified EPA Method 537**

The samples were extracted and analyzed for a selected list of PFOA, PFOS and PFBS using Modified EPA Method 537. Sample "OUA1-HS03-20170807" clogged the siphon during the SPE procedure, and the remaining sample volume was pipetted into the cartridge.

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

The labeled standard recoveries for all QC and field samples were within the acceptance criteria.

TABLE OF CONTENTS

Case Narrative.....	1
Table of Contents.....	3
Sample Inventory.....	4
Analytical Results.....	5
Qualifiers.....	13
Certifications.....	14
Sample Receipt.....	17

Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1701023-01	SB01-20170807	07-Aug-17 12:00	09-Aug-17 09:06	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1701023-02	EB01-20170807	07-Aug-17 11:30	09-Aug-17 09:06	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1701023-03	OUA1-MW08-20170807	08-Aug-17 08:15	09-Aug-17 09:06	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1701023-04	OUA1-HS03-20170807	07-Aug-17 11:30	09-Aug-17 09:06	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1701023-05	EB02-20170808	08-Aug-17 14:00	09-Aug-17 09:06	HDPE Bottle, 125 mL HDPE Bottle, 125 mL

ANALYTICAL RESULTS

Sample ID: Method Blank						Modified EPA Method 537			
Matrix: Aqueous Sample Size: 0.250 L		QC Batch: B7H0069 Date Extracted: 10-Aug-2017 15:10				Lab Sample: B7H0069-BLK1 Date Analyzed: 17-Aug-17 01:52 Column: BEH C18			
Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
PFBS	ND	0.895	2.50	4.00		IS 13C3-PFBS	115	50 - 150	
PFOA	ND	0.326	2.50	4.00		IS 13C2-PFOA	86.2	50 - 150	
PFOS	ND	0.404	2.50	4.00		IS 13C8-PFOS	95.6	50 - 150	

DL - Detection limit

RL - Reporting limit

LCL-UCL - Lower control limit - upper control limit

Results reported to DL.

When reported, PFBS, PFHxS, PFOA and PFOS include both linear and branched isomers.

Only the linear isomer is reported for all other analytes.

Sample ID: OPR					Modified EPA Method 537			
Matrix: Aqueous Sample Size: 0.250 L		QC Batch: B7H0069 Date Extracted: 10-Aug-2017 15:10			Lab Sample: B7H0069-BS1 Date Analyzed: 17-Aug-17 01:19 Column: BEH C18			
Analyte	Amt Found (ng/L)	Spike Amt	%R	Limits	Labeled Standard		%R	LCL-UCL
PFBS	43.0	40.0	108	70 - 130	IS	13C3-PFBS	123	50 - 150
PFOA	43.5	40.0	109	70 - 130	IS	13C2-PFOA	93.4	50 - 150
PFOS	37.8	40.0	94.4	70 - 130	IS	13C8-PFOS	100	50 - 150

LCL-UCL - Lower control limit - upper control limit

Sample ID: SB01-20170807						Modified EPA Method 537				
Client Data			Sample Data			Laboratory Data				
Name:	AMEC Foster Wheeler		Matrix:	Blank Water		Lab Sample:	1701023-01	Date Received:	09-Aug-2017 9:06	
Project:	MCAS Yuma, AZ TO 105		Sample Size:	0.119 L		QC Batch:	B7H0069	Date Extracted:	10-Aug-2017 15:10	
Date Collected:	07-Aug-2017 12:00					Date Analyzed:	16-Aug-17 07:15 Column: BEH C18			
Location:										
Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Labeled Standard		%R	LCL-UCL	Qualifiers
PFBS	ND	1.88	5.25	8.42		IS	13C3-PFBS	119	50 - 150	
PFOA	ND	0.685	5.25	8.42		IS	13C2-PFOA	89.1	50 - 150	
PFOS	ND	0.850	5.25	8.42		IS	13C8-PFOS	95.7	50 - 150	

DL - Detection limit
 RL - Reporting limit

LCL-UCL - Lower control limit - upper control limit
 Results reported to DL.
 When reported, PFBS, PFHxS, PFOA and PFOS include both linear and branched isomers.
 Only the linear isomer is reported for all other analytes.

Sample ID: EB01-20170807						Modified EPA Method 537				
Client Data			Sample Data			Laboratory Data				
Name:	AMEC Foster Wheeler		Matrix:	Blank Water		Lab Sample:	1701023-02	Date Received:	09-Aug-2017 9:06	
Project:	MCAS Yuma, AZ TO 105		Sample Size:	0.117 L		QC Batch:	B7H0069	Date Extracted:	10-Aug-2017 15:10	
Date Collected:	07-Aug-2017 11:30					Date Analyzed:	16-Aug-17 07:26 Column: BEH C18			
Location:										
Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Labeled Standard		%R	LCL-UCL	Qualifiers
PFBS	ND	1.91	5.34	8.52		IS	13C3-PFBS	125	50 - 150	
PFOA	ND	0.693	5.34	8.52		IS	13C2-PFOA	91.3	50 - 150	
PFOS	ND	0.860	5.34	8.52		IS	13C8-PFOS	92.4	50 - 150	

DL - Detection limit
 RL - Reporting limit

LCL-UCL - Lower control limit - upper control limit
 Results reported to DL.
 When reported, PFBS, PFHxS, PFOA and PFOS include both linear and branched isomers.
 Only the linear isomer is reported for all other analytes.

Sample ID: OUA1-MW08-20170807						Modified EPA Method 537				
Client Data			Sample Data			Laboratory Data				
Name:	AMEC Foster Wheeler		Matrix:	Groundwater		Lab Sample:	1701023-03	Date Received:	09-Aug-2017 9:06	
Project:	MCAS Yuma, AZ TO 105		Sample Size:	0.118 L		QC Batch:	B7H0069	Date Extracted:	10-Aug-2017 15:10	
Date Collected:	08-Aug-2017 8:15					Date Analyzed: 16-Aug-17 07:37 Column: BEH C18				
Location:										
Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Labeled Standard		%R	LCL-UCL	Qualifiers
PFBS	1850	1.90	5.30	8.51		IS	13C3-PFBS	111	50 - 150	
PFOA	67.6	0.693	5.30	8.51		IS	13C2-PFOA	99.6	50 - 150	
PFOS	17.4	0.859	5.30	8.51		IS	13C8-PFOS	93.7	50 - 150	

DL - Detection limit
RL - Reporting limit

LCL-UCL - Lower control limit - upper control limit
Results reported to DL.
When reported, PFBS, PFHxS, PFOA and PFOS include both linear and branched isomers.
Only the linear isomer is reported for all other analytes.

Sample ID: OUA1-HS03-20170807						Modified EPA Method 537				
Client Data			Sample Data			Laboratory Data				
Name: AMEC Foster Wheeler			Matrix: Groundwater			Lab Sample: 1701023-04		Date Received: 09-Aug-2017 9:06		
Project: MCAS Yuma, AZ TO 105			Sample Size: 0.111 L			QC Batch: B7H0069		Date Extracted: 10-Aug-2017 15:10		
Date Collected: 07-Aug-2017 11:30						Date Analyzed: 16-Aug-17 07:47 Column: BEH C18				
Location:										
Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Labeled Standard		%R	LCL-UCL	Qualifiers
PFBS	4.06	2.02	5.63	9.03	J	IS	13C3-PFBS	118	50 - 150	
PFOA	1.27	0.735	5.63	9.03	J	IS	13C2-PFOA	91.0	50 - 150	
PFOS	14.2	0.911	5.63	9.03		IS	13C8-PFOS	100	50 - 150	

DL - Detection limit
 RL - Reporting limit

LCL-UCL - Lower control limit - upper control limit
 Results reported to DL.
 When reported, PFBS, PFHxS, PFOA and PFOS include both linear and branched isomers.
 Only the linear isomer is reported for all other analytes.

Sample ID: EB02-20170808						Modified EPA Method 537				
Client Data			Sample Data			Laboratory Data				
Name:	AMEC Foster Wheeler		Matrix:	Blank Water		Lab Sample:	1701023-05	Date Received:	09-Aug-2017 9:06	
Project:	MCAS Yuma, AZ TO 105		Sample Size:	0.112 L		QC Batch:	B7H0069	Date Extracted:	10-Aug-2017 15:10	
Date Collected:	08-Aug-2017 14:00					Date Analyzed:	16-Aug-17 07:58 Column: BEH C18			
Location:										
Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Labeled Standard		%R	LCL-UCL	Qualifiers
PFBS	ND	2.00	5.58	8.93		IS	13C3-PFBS	123	50 - 150	
PFOA	ND	0.726	5.58	8.93		IS	13C2-PFOA	83.2	50 - 150	
PFOS	ND	0.900	5.58	8.93		IS	13C8-PFOS	92.2	50 - 150	

DL - Detection limit

RL - Reporting limit

LCL-UCL - Lower control limit - upper control limit

Results reported to DL.

When reported, PFBS, PFHxS, PFOA and PFOS 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.
D	Dilution
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.
M	Estimated Maximum Possible Concentration. (CA Region 2 projects only)
*	See Cover Letter
Conc.	Concentration
NA	Not applicable
ND	Not Detected
TEQ	Toxic Equivalency

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

CERTIFICATIONS

Accrediting Authority	Certificate Number
Arkansas Department of Environmental Quality	17-015-0
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	2016026
Minnesota Department of Health	1175673
New Hampshire Environmental Accreditation Program	207716
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-008
Pennsylvania Department of Environmental Protection	013
Texas Commission on Environmental Quality	T104704189-17-8
Virginia Department of General Services	8621
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	EPA 1613B

Dilution GC/HRMS	
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

Sample Log-in Checklist

Vista Work Order #: 1701023 TAT 14 WWS 8/9/17
10 days

Samples Arrival:	Date/Time <u>08/09/17 0906</u>	Initials: <u>SR</u>	Location: <u>WR-2</u>
			Shelf/Rack: <u>N/A</u>
Logged In:	Date/Time <u>8/9/17 1308</u>	Initials: <u>WWS</u>	Location: <u>WR-2</u>
			Shelf/Rack: <u>F-6</u>
Delivered By:	<u>FedEx</u>	UPS	On Trac
		GSO	DHL
		Hand Delivered	Other
Preservation:	<u>Ice</u>	Blue Ice	Dry Ice
	None		
Temp °C: <u>0.0</u> (uncorrected)	Time: <u>0940</u>	Thermometer ID: DT-1	
Temp °C: <u>-0.4</u> (corrected)	Probe used: Yes ☒ No ☐		

		YES	NO	NA
Adequate Sample Volume Received?		✓		
Holding Time Acceptable?		✓		
Shipping Container(s) Intact?		✓		
Shipping Custody Seals Intact?		✓		
Shipping Documentation Present?		✓		
Airbill	Trk # <u>8101 0952 1910</u>	✓		
Sample Container Intact?		✓		
Sample Custody Seals Intact?				✓
Chain of Custody / Sample Documentation Present?		✓		
COC Anomaly/Sample Acceptance Form completed?			✓	✓
If Chlorinated or Drinking Water Samples, Acceptable Preservation?				✓
Preservation Documented:	<u>Na₂S₂O₃</u>	Trizma	<u>None</u>	<u>Yes</u>
		No	NA	
Shipping Container	<u>Vista</u>	Client	<u>Retain</u>	Return
				Dispose

Comments:



August 25, 2017

Vista Work Order No. 1701023

Ms. Medora.Hackler
AMEC Foster Wheeler
9210 Sky Park Court Suite 200
San Diego, CA 92123

Dear Ms. Medora.Hackler,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on August 09, 2017. This sample set was analyzed on a rush turn-around time, under your Project Name 'MCAS Yuma, AZ TO 105'.

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. 1701023**Case Narrative****Sample Condition on Receipt:**

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

Analytical Notes:**Modified EPA Method 537**

The samples were extracted and analyzed for a selected list of PFOA, PFOS and PFBS using Modified EPA Method 537. Sample "OUA1-HS03-20170807" clogged the siphon during the SPE procedure, and the remaining sample volume was pipetted into the cartridge.

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

The labeled standard recoveries for all QC and field samples were within the acceptance criteria.

TABLE OF CONTENTS

Case Narrative.....	1
Table of Contents.....	3
Sample Inventory.....	4
Analytical Results.....	5
Qualifiers.....	13
Certifications.....	14
Sample Receipt.....	17
Extraction Information.....	19
Sample Data - Modified EPA Method 537.....	24
IIS Areas, IBs and CCVs.....	58
ICAL with ICV and IB.....	196

Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1701023-01	SB01-20170807	07-Aug-17 12:00	09-Aug-17 09:06	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1701023-02	EB01-20170807	07-Aug-17 11:30	09-Aug-17 09:06	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1701023-03	OUA1-MW08-20170807	08-Aug-17 08:15	09-Aug-17 09:06	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1701023-04	OUA1-HS03-20170807	07-Aug-17 11:30	09-Aug-17 09:06	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1701023-05	EB02-20170808	08-Aug-17 14:00	09-Aug-17 09:06	HDPE Bottle, 125 mL HDPE Bottle, 125 mL

ANALYTICAL RESULTS

Sample ID: Method Blank						Modified EPA Method 537			
Matrix: Aqueous Sample Size: 0.250 L		QC Batch: B7H0069 Date Extracted: 10-Aug-2017 15:10				Lab Sample: B7H0069-BLK1 Date Analyzed: 17-Aug-17 01:52 Column: BEH C18			
Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
PFBS	ND	0.895	2.50	4.00		IS 13C3-PFBS	115	50 - 150	
PFOA	ND	0.326	2.50	4.00		IS 13C2-PFOA	86.2	50 - 150	
PFOS	ND	0.404	2.50	4.00		IS 13C8-PFOS	95.6	50 - 150	

DL - Detection limit

RL - Reporting limit

LCL-UCL - Lower control limit - upper control limit

Results reported to DL.

When reported, PFBS, PFHxS, PFOA and PFOS include both linear and branched isomers.

Only the linear isomer is reported for all other analytes.

Sample ID: OPR					Modified EPA Method 537			
Matrix: Aqueous Sample Size: 0.250 L		QC Batch: B7H0069 Date Extracted: 10-Aug-2017 15:10			Lab Sample: B7H0069-BS1 Date Analyzed: 17-Aug-17 01:19 Column: BEH C18			
Analyte	Amt Found (ng/L)	Spike Amt	%R	Limits	Labeled Standard		%R	LCL-UCL
PFBS	43.0	40.0	108	70 - 130	IS	13C3-PFBS	123	50 - 150
PFOA	43.5	40.0	109	70 - 130	IS	13C2-PFOA	93.4	50 - 150
PFOS	37.8	40.0	94.4	70 - 130	IS	13C8-PFOS	100	50 - 150

LCL-UCL - Lower control limit - upper control limit

Sample ID: SB01-20170807						Modified EPA Method 537				
Client Data Name: AMEC Foster Wheeler Project: MCAS Yuma, AZ TO 105 Date Collected: 07-Aug-2017 12:00 Location:			Sample Data Matrix: Blank Water Sample Size: 0.119 L			Laboratory Data Lab Sample: 1701023-01 Date Received: 09-Aug-2017 9:06 QC Batch: B7H0069 Date Extracted: 10-Aug-2017 15:10 Date Analyzed: 16-Aug-17 07:15 Column: BEH C18				
Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Labeled Standard		%R	LCL-UCL	Qualifiers
PFBS	ND	1.88	5.25	8.42		IS	13C3-PFBS	119	50 - 150	
PFOA	ND	0.685	5.25	8.42		IS	13C2-PFOA	89.1	50 - 150	
PFOS	ND	0.850	5.25	8.42		IS	13C8-PFOS	95.7	50 - 150	

DL - Detection limit

RL - Reporting limit

LCL-UCL - Lower control limit - upper control limit

Results reported to DL.

When reported, PFBS, PFHxS, PFOA and PFOS include both linear and branched isomers.

Only the linear isomer is reported for all other analytes.

Sample ID: EB01-20170807						Modified EPA Method 537				
Client Data			Sample Data			Laboratory Data				
Name:	AMEC Foster Wheeler		Matrix:	Blank Water		Lab Sample:	1701023-02	Date Received:	09-Aug-2017 9:06	
Project:	MCAS Yuma, AZ TO 105		Sample Size:	0.117 L		QC Batch:	B7H0069	Date Extracted:	10-Aug-2017 15:10	
Date Collected:	07-Aug-2017 11:30					Date Analyzed:	16-Aug-17 07:26 Column: BEH C18			
Location:										
Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Labeled Standard		%R	LCL-UCL	Qualifiers
PFBS	ND	1.91	5.34	8.52		IS	13C3-PFBS	125	50 - 150	
PFOA	ND	0.693	5.34	8.52		IS	13C2-PFOA	91.3	50 - 150	
PFOS	ND	0.860	5.34	8.52		IS	13C8-PFOS	92.4	50 - 150	

DL - Detection limit
 RL - Reporting limit

LCL-UCL - Lower control limit - upper control limit
 Results reported to DL.
 When reported, PFBS, PFHxS, PFOA and PFOS include both linear and branched isomers.
 Only the linear isomer is reported for all other analytes.

Sample ID: OUA1-MW08-20170807						Modified EPA Method 537				
Client Data			Sample Data			Laboratory Data				
Name: AMEC Foster Wheeler			Matrix: Groundwater			Lab Sample: 1701023-03		Date Received: 09-Aug-2017 9:06		
Project: MCAS Yuma, AZ TO 105			Sample Size: 0.118 L			QC Batch: B7H0069		Date Extracted: 10-Aug-2017 15:10		
Date Collected: 08-Aug-2017 8:15						Date Analyzed: 16-Aug-17 07:37 Column: BEH C18				
Location:										
Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Labeled Standard		%R	LCL-UCL	Qualifiers
PFBS	1850	1.90	5.30	8.51		IS	13C3-PFBS	111	50 - 150	
PFOA	67.6	0.693	5.30	8.51		IS	13C2-PFOA	99.6	50 - 150	
PFOS	17.4	0.859	5.30	8.51		IS	13C8-PFOS	93.7	50 - 150	

DL - Detection limit
 RL - Reporting limit

LCL-UCL - Lower control limit - upper control limit
 Results reported to DL.
 When reported, PFBS, PFHxS, PFOA and PFOS include both linear and branched isomers.
 Only the linear isomer is reported for all other analytes.

Sample ID: OUA1-HS03-20170807						Modified EPA Method 537				
Client Data			Sample Data			Laboratory Data				
Name:	AMEC Foster Wheeler		Matrix:	Groundwater		Lab Sample:	1701023-04	Date Received:	09-Aug-2017 9:06	
Project:	MCAS Yuma, AZ TO 105		Sample Size:	0.111 L		QC Batch:	B7H0069	Date Extracted:	10-Aug-2017 15:10	
Date Collected:	07-Aug-2017 11:30					Date Analyzed:	16-Aug-17 07:47 Column: BEH C18			
Location:										
Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Labeled Standard		%R	LCL-UCL	Qualifiers
PFBS	4.06	2.02	5.63	9.03	J	IS	13C3-PFBS	118	50 - 150	
PFOA	1.27	0.735	5.63	9.03	J	IS	13C2-PFOA	91.0	50 - 150	
PFOS	14.2	0.911	5.63	9.03		IS	13C8-PFOS	100	50 - 150	

DL - Detection limit
 RL - Reporting limit

LCL-UCL - Lower control limit - upper control limit
 Results reported to DL.
 When reported, PFBS, PFHxS, PFOA and PFOS include both linear and branched isomers.
 Only the linear isomer is reported for all other analytes.

Sample ID: EB02-20170808						Modified EPA Method 537				
Client Data			Sample Data			Laboratory Data				
Name:	AMEC Foster Wheeler		Matrix:	Blank Water		Lab Sample:	1701023-05	Date Received:	09-Aug-2017 9:06	
Project:	MCAS Yuma, AZ TO 105		Sample Size:	0.112 L		QC Batch:	B7H0069	Date Extracted:	10-Aug-2017 15:10	
Date Collected:	08-Aug-2017 14:00					Date Analyzed:	16-Aug-17 07:58 Column: BEH C18			
Location:										
Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Labeled Standard		%R	LCL-UCL	Qualifiers
PFBS	ND	2.00	5.58	8.93		IS	13C3-PFBS	123	50 - 150	
PFOA	ND	0.726	5.58	8.93		IS	13C2-PFOA	83.2	50 - 150	
PFOS	ND	0.900	5.58	8.93		IS	13C8-PFOS	92.2	50 - 150	

DL - Detection limit
RL - Reporting limit

LCL-UCL - Lower control limit - upper control limit
Results reported to DL.
When reported, PFBS, PFHxS, PFOA and PFOS 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.
D	Dilution
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.
M	Estimated Maximum Possible Concentration. (CA Region 2 projects only)
*	See Cover Letter
Conc.	Concentration
NA	Not applicable
ND	Not Detected
TEQ	Toxic Equivalency

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

CERTIFICATIONS

Accrediting Authority	Certificate Number
Arkansas Department of Environmental Quality	17-015-0
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	2016026
Minnesota Department of Health	1175673
New Hampshire Environmental Accreditation Program	207716
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-008
Pennsylvania Department of Environmental Protection	013
Texas Commission on Environmental Quality	T104704189-17-8
Virginia Department of General Services	8621
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	EPA 1613B

Dilution GC/HRMS	
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

**1104 Windfield Way
El Dorado Hills, CA 95762**

TEL: 916-673-1520

Vista PM: Karen Volpendesta

CHAIN OF CUSTODY RECORD

DATE: 8/7/2017 - C

PAGE: 1 OF

1701023 -0.4°C

[illegible]

Sample Log-in Checklist

Vista Work Order #: 1701023 TAT 14 WWS 8/9/17
10 days

Samples Arrival:	Date/Time <u>08/09/17 0906</u>	Initials: <u>SR</u>	Location: <u>WR-2</u>
			Shelf/Rack: <u>N/A</u>
Logged In:	Date/Time <u>8/9/17 1308</u>	Initials: <u>WWS</u>	Location: <u>WR-2</u>
			Shelf/Rack: <u>F-6</u>
Delivered By:	<u>FedEx</u>	UPS	On Trac
		GSO	DHL
		Hand Delivered	Other
Preservation:	<u>Ice</u>	Blue Ice	Dry Ice
	None		
Temp °C: <u>0.0</u> (uncorrected)	Time: <u>0940</u>	Thermometer ID: DT-1	
Temp °C: <u>-0.4</u> (corrected)	Probe used: Yes ☒ No ☐		

	YES	NO	NA
Adequate Sample Volume Received?	✓		
Holding Time Acceptable?	✓		
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?	✓		
Shipping Documentation Present?	✓		
Airbill	Trk # <u>8101 0952 1910</u>	✓	
Sample Container Intact?	✓		
Sample Custody Seals Intact?			✓
Chain of Custody / Sample Documentation Present?	✓		
COC Anomaly/Sample Acceptance Form completed?		✓	✓
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			✓
Preservation Documented:	<u>Na₂S₂O₃</u>	Trizma	<u>None</u>
			<u>Yes</u>
Shipping Container	<u>Vista</u>	Client	<u>Retain</u>
		Return	Dispose

Comments:

EXTRACTION INFORMATION

Process Sheet
Workorder: **1701023**

Prep Expiration: 2017-Aug-21
Client: AMEC Foster Wheeler

Workorder Due: **23-Aug-17 00:00**

TAT: 14

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

Prep Batch: B7H0069

Prep Data Entered: 8/11/17 KBF
Date and Initials

Version: PFOA, PFOS, and PFBS only

Initial Sequence: _____

LabSampleID	Recon	ClientSampleID	Date Received	Location	Comments
1701023-01	"A" ☒	SB01-20170807	09-Aug-17 09:06	WR-2 F-6	
1701023-02	"A" ☒	EB01-20170807	09-Aug-17 09:06	WR-2 F-6	
1701023-03	☐	OUA1-MW08-20170807 OUA1-MW08-20170808	09-Aug-17 09:06	WR-2 F-6	
1701023-04	"A" ☒	OUA1-HS03-20170807	09-Aug-17 09:06	WR-2 F-6	
1701023-05	"A" ☒	EB02-20170808	09-Aug-17 09:06	WR-2 F-6	

Vista PM:Martha Maier

Vial Box ID: Need for SPE: BP

Sample Reconciled By: KBF 8/9/17

Batch: B7H0069

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
1701013-01	0.11643 ✓	NA	NA	1000	10-Aug-17 15:10	BAP	NA	NA	Groundwater	537M PFAS DOD (LOQ as
1701013-02	0.11676 ✓			1000	10-Aug-17 15:10	BAP			Groundwater	537M PFAS DOD (LOQ as
1701013-03	0.12244 ✓			1000	10-Aug-17 15:10	BAP			Groundwater	537M PFAS DOD (LOQ as
1701013-04	0.1166 ✓			1000	10-Aug-17 15:10	BAP			Groundwater	537M PFAS DOD (LOQ as
1701013-05	0.12037 ✓			1000	10-Aug-17 15:10	BAP			Groundwater	537M PFAS DOD (LOQ as
1701013-05	0.12037 ✓			1000	10-Aug-17 15:10	BAP			Groundwater	537M PFAS
1701013-06	0.12174 ✓			1000	10-Aug-17 15:10	BAP			Groundwater	537M PFAS DOD (LOQ as
1701013-07	0.12148 ✓			1000	10-Aug-17 15:10	BAP			Groundwater	537M PFAS DOD (LOQ as
1701013-08	0.1142 ✓			1000	10-Aug-17 15:10	BAP			Groundwater	537M PFAS DOD (LOQ as
1701013-09	0.12061 ✓			1000	10-Aug-17 15:10	BAP			Groundwater	537M PFAS DOD (LOQ as
1701013-10	0.11516 ✓			1000	10-Aug-17 15:10	BAP			Groundwater	537M PFAS DOD (LOQ as
1701013-11	0.11964 ✓			1000	10-Aug-17 15:10	BAP			QC Water	537M PFAS DOD (LOQ as
1701022-01	0.24019 ✓			1000	10-Aug-17 15:10	BAP			Water	537M PFAS
1701023-01	0.11872 ✓			1000	10-Aug-17 15:10	BAP			Blank Water	537M PFAS DOD (LOQ as
1701023-02	0.11734 ✓			1000	10-Aug-17 15:10	BAP			Blank Water	537M PFAS DOD (LOQ as
1701023-03	0.1175 ✓			1000	10-Aug-17 15:10	BAP			Groundwater	537M PFAS DOD (LOQ as
1701023-04	0.11075 ✓			1000	10-Aug-17 15:10	BAP			Groundwater	537M PFAS DOD (LOQ as
1701023-05	0.11203 ✓			1000	10-Aug-17 15:10	BAP			Blank Water	537M PFAS DOD (LOQ as
B7H0069-BLK1	0.25 ✓			1000	10-Aug-17 15:10	BAP	↓	↓	NA	QC
B7H0069-BS1	0.25 ✓			1000	10-Aug-17 15:10	BAP	17G2428 ✓	10 ✓	↓	QC
B7H0069-MS1	0.1193 ✓			1000	10-Aug-17 15:10	BAP	17G2428 ✓	10 ✓	↓	QC
B7H0069-MSD1	0.11433 ✓	↓	↓	1000	10-Aug-17 15:10	BAP	17G2428 ✓	10 ✓	↓	QC

LBF 8/11/17

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 537M PFAS

Method: 537M PFAS DOD (LOO as mRL)

B7H0069

Chemist: BP

Prep Date/Time: 8-10-17 Aug-17 15:10

8/8-10-17

Prepared using: LCMS - SPE Extraction-LCMS

C	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	NA	
										SPE	RS CHEM/WIT DATE
☐	B7H0069-BLK1 (A)	7	2	0	7	NA	NA	(0.250)	BP 7/8-10-17	KBF 8/10/17	BP KBF 8/10/17
☐	B7H0069-BS1 (A)	7	2	0	7	↓	↓	(0.250)			
☐	B7H0069-MS1 1701013-05	7	2	0	5	146.62	27.32	0.11930			
☐	B7H0069-MSD1 1701013-05	7	2	0	5	141.68	27.35	0.11433			
☐	1701013-01 (B)	7	2	0	5	143.84	27.41	0.11643			
☐	1701013-02 (B)	7	2	0	5	144.02	27.26	0.11676			
☐	1701013-03	7	2	0	5	149.76	27.32	0.12244			
☐	1701013-04	7	2	0	3	144.00	27.40	0.11660			
☐	1701013-05	7	2	0	5	147.72	27.35	0.12037			
☐	1701013-06	7	2	0	3	149.20	27.46	0.12174			
☐	1701013-07	7	2	0	5	148.79	27.31	0.12148			
☐	1701013-08	7	2	0	5	141.50	27.30	0.11420			
☐	1701013-09	7	2	0	5	148.05	27.44	0.12061			
☐	1701013-10	7	2	0	5	142.24	27.08	0.11516			
☐	1701013-11	7	2	0	3	146.88	27.24	0.11964			
☐	1701022-01 (B)	6	2	0	6	264.75	24.56	0.24019			

IS Name

NS Name

RS Name

SPE Chem: Strata-X-AW 33um 200mg/6mL
 Ele SOLV: MeOH / 0.5% NH₄OH in MeOH
 Final Volume(s) 1 mL

Check Out: KBF 8/9/17
 Chemist/Date:

Check In: NA
 Chemist/Date:

Balance ID: HAMS-8

pH Adjusted: KBF 8/9/17
 Chemist/Date:

Comments: Assume 1 g = 1 mL (A) Trizma added to QC's KBF 8/9/17
 (B) Samples centrifuged to remove particulate matter KBF 8/9/17

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 537M PFAS

Method: 537M PFAS DOD (LOO as mRL)

B7H0069

Chemist: BP

Prep Date/Time: 8-10-17 Aug-17 15:10

Prepared using: LCMS - SPE Extraction-LCMS

C	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	NA	
										SPE	RS CHEM/WIT DATE
☐	1701023-01	5	2	0	2	145.87	27.15	0.11872	✓	HC 8/10/17	KBF 8/10/17 BP
☐	1701023-02	5	2	0	2	144.46	27.12	0.11734	✓		
☐	1701023-03 <u>KBF 8/10/17</u>	7	2	0	3	144.62	27.12	0.11750	✓		
☐	1701023-04 <u>Ⓢ</u>	8	2	0	4	137.90	27.15	0.11075	✓		
☐	1701023-05	5	2	0	2	139.00	26.97	0.11203	✓		

Ⓢ Sample clogged during SPE phase, pipetted remainder from bottle KBF 8/10/17

IS Name <u>1701307, 10ml</u> <u>V2</u>	NS Name <u>1702478, 10ml</u> <u>V5</u>	RS Name <u>V3</u> <u>17H0108, 10ml</u>	SPE Chem: <u>Strata-X-AW-33um 200mg</u> Ele SOLV: <u>MeOH / 0.5% NH₄OH in MeOH</u> Final Volume(s) <u>1ml</u>	Check Out: <u>KBF 8/1/17</u> Chemist/Date: <u>NA</u> Check In: <u>NA</u> Chemist/Date: <u>NA</u> Balance ID: <u>HRMS-8</u> pH Adjusted: <u>KBF 8/9/17</u> Chemist/Date: <u>KBF 8/9/17</u>
--	--	---	--	---

Comments: Assume 1 g = 1 mL

SAMPLE DATA – MODIFIED EPA METHOD 537

Dataset: U:\Q4.PRO\results\170816M1\170816M1-77.qld

Last Altered: Tuesday, August 22, 2017 09:10:35 Pacific Daylight Time

Printed: Tuesday, August 22, 2017 09:11:34 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170816M1_77, Date: 17-Aug-2017, Time: 01:52:16, ID: B7H0069-BLK1 Method Blank 0.25, Description: Method Blank

	#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3	PFBS	299 > 79.7		5.91e3	0.2500		3.06				
2	4	PFHxA	313.2 > 268.9		1.71e4	0.2500		3.14				
3	5	PFHpA	363 > 318.9		3.91e4	0.2500		3.40				
4	6	PFHxS	398.9 > 79.6	1.16e1	4.02e3	0.2500		3.58	3.49	0.0360	0.359	
5	8	PFOA	413 > 368.7		5.18e4	0.2500		3.71				
6	10	PFNA	462.9 > 418.8		4.40e4	0.2500		3.75				
7	12	PFOS	499 > 79.9		9.51e3	0.2500		3.96				
8	13	PFDA	513 > 468.8	1.01e2	4.52e4	0.2500		3.96	3.98	0.0279		
9	15	N-MeFOSAA	570.1 > 419		8.58e3	0.2500		4.11				
10	16	N-EtFOSAA	584.2 > 419		8.02e3	0.2500		4.18				
11	17	PFUnA	562.9 > 518.9	1.20e2	4.15e4	0.2500		4.12	4.14	0.0361		
12	19	PFDoA	612.9 > 318.8		5.44e3	0.2500		4.28				

Dataset: U:\Q4.PRO\results\170816M1\170816M1-77.qld

Last Altered: Tuesday, August 22, 2017 09:10:35 Pacific Daylight Time

Printed: Tuesday, August 22, 2017 09:11:45 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170816M1_77, Date: 17-Aug-2017, Time: 01:52:16, ID: B7H0069-BLK1 Method Blank 0.25, Description: Method Blank

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	21 PFTTrDA	662.9 > 618.9		5.44e3	0.2500		4.45				
2	22 PFTeDA	712.9 > 668.8		3.22e4	0.2500		4.66				
3	30 13C3-PFBS	302 > 98.8	5.91e3	6.28e4	0.2500	0.033	2.94	2.91	0.471	57.2	114.5
4	31 13C2-PFHxA	315 > 269.8	1.71e4	6.28e4	0.2500	0.304	3.14	3.16	1.36	17.9	89.6
5	32 13C4-PFHpA	367.2 > 321.8	3.91e4	6.28e4	0.2500	0.384	3.40	3.42	3.12	32.5	65.0
6	33 18O2-PFHxS	403 > 102.6	4.02e3	9.77e3	0.2500	0.417	3.47	3.49	5.15	49.3	98.7
7	35 13C2-PFOA	414.9 > 369.7	5.18e4	5.30e4	0.2500	1.132	3.71	3.62	12.2	43.1	86.2
8	36 13C5-PFNA	468.2 > 422.9	4.40e4	5.68e4	0.2500	0.946	3.75	3.80	9.69	41.0	82.0
9	38 13C8-PFOS	507 > 79.9	9.51e3	9.57e3	0.2500	1.040	3.84	3.86	12.4	47.8	95.6
10	39 13C2-PFDA	515.1 > 469.9	4.52e4	5.66e4	0.2500	0.971	3.96	3.98	9.99	41.2	82.3

Dataset: U:\Q4.PRO\results\170816M1\170816M1-77.qld

Last Altered: Tuesday, August 22, 2017 09:10:35 Pacific Daylight Time

Printed: Tuesday, August 22, 2017 09:12:02 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170816M1_77, Date: 17-Aug-2017, Time: 01:52:16, ID: B7H0069-BLK1 Method Blank 0.25, Description: Method Blank

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	41 d3-N-MeFOSAA	573.3 > 419	8.58e3	6.09e4	0.2500	0.018	3.99	4.01	1.76	396	60.9
2	42 d5-N-EtFOSAA	589.3 > 419	8.02e3	6.09e4	0.2500	0.018	4.06	4.07	1.64	361	55.5
3	43 13C2-PFUnA	565 > 519.8	4.15e4	6.09e4	0.2500	1.085	4.12	4.15	8.52	31.4	62.8
4	44 13C2-PFDoA	615 > 569.7	5.44e3	6.09e4	0.2500	0.123	4.29	4.31	1.12	36.3	72.5
5	46 13C2-PFTeDA	714.8 > 669.6	3.22e4	6.09e4	0.2500	0.798	4.66	4.66	6.60	33.1	66.2
6	52 13C5-PFHxA	318 > 272.9	6.28e4	6.28e4	0.2500	1.000	3.14	3.16	5.00	20.0	100.0
7	53 13C3-PFHxS	401.9 > 79.9	9.77e3	9.77e3	0.2500	1.000	3.47	3.49	12.5	50.0	100.0
8	54 13C8-PFOA	421.3 > 376	5.30e4	5.30e4	0.2500	1.000	3.71	3.62	12.5	50.0	100.0
9	55 13C9-PFNA	472.2 > 426.9	5.68e4	5.68e4	0.2500	1.000	3.79	3.81	12.5	50.0	100.0
10	56 13C4-PFOS	503 > 79.9	9.57e3	9.57e3	0.2500	1.000	3.84	3.86	12.5	50.0	100.0
11	57 13C6-PFDA	519.1 > 473.7	5.66e4	5.66e4	0.2500	1.000	3.95	3.98	12.5	50.0	100.0
12	58 13C7-PFUnA	570.1 > 524.8	6.09e4	6.09e4	0.2500	1.000	4.12	4.14	12.5	50.0	100.0
13	59 Total PFBS	299 > 79.7	0.00e0	5.91e3	0.2500		3.06		0.000		
14	60 Total PFHxS	398.9 > 79.6	1.16e1	4.02e3	0.2500		3.58		0.0360	0.359	
15	61 Total PFOA	413 > 368.7	0.00e0	5.18e4	0.2500		3.71		0.000		
16	62 Total PFOS	499 > 79.9	0.00e0	9.51e3	0.2500		3.96		0.000		
17	63 Total N-Me-FOSAA	570.1 > 419	0.00e0	8.58e3	0.2500		4.11		0.000		
18	64 Total N-EtFOSAA	584.2 > 419	0.00e0	8.02e3	0.2500		4.18		0.000		

Dataset: U:\Q4.PRO\results\170816M1\170816M1-77.qld

Last Altered: Tuesday, August 22, 2017 09:10:35 Pacific Daylight Time

Printed: Tuesday, August 22, 2017 09:12:02 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170816M1_77, Date: 17-Aug-2017, Time: 01:52:16, ID: B7H0069-BLK1 Method Blank 0.25, Description: Method Blank

Total PFBS

	# Name	Trace	RT	Area	IS Area	Response	Primary Flags	Conc.
1								

Total PFHxS

	# Name	Trace	RT	Area	IS Area	Response	Primary Flags	Conc.
1	6 PFHxS	398.9 > 79.6	3.49	11.580	4020.653	0.036	MM	0.4

Total PFOA

	# Name	Trace	RT	Area	IS Area	Response	Primary Flags	Conc.
1	8 PFOA	413 > 368.7			51753.832		MM-I	

Total PFOS

	# Name	Trace	RT	Area	IS Area	Response	Primary Flags	Conc.
1								

Total N-Me-FOSAA

	# Name	Trace	RT	Area	IS Area	Response	Primary Flags	Conc.
1								

Total N-EtFOSAA

	# Name	Trace	RT	Area	IS Area	Response	Primary Flags	Conc.
1								

Dataset: U:\Q4.PRO\results\170816M1\170816M1-77.qld

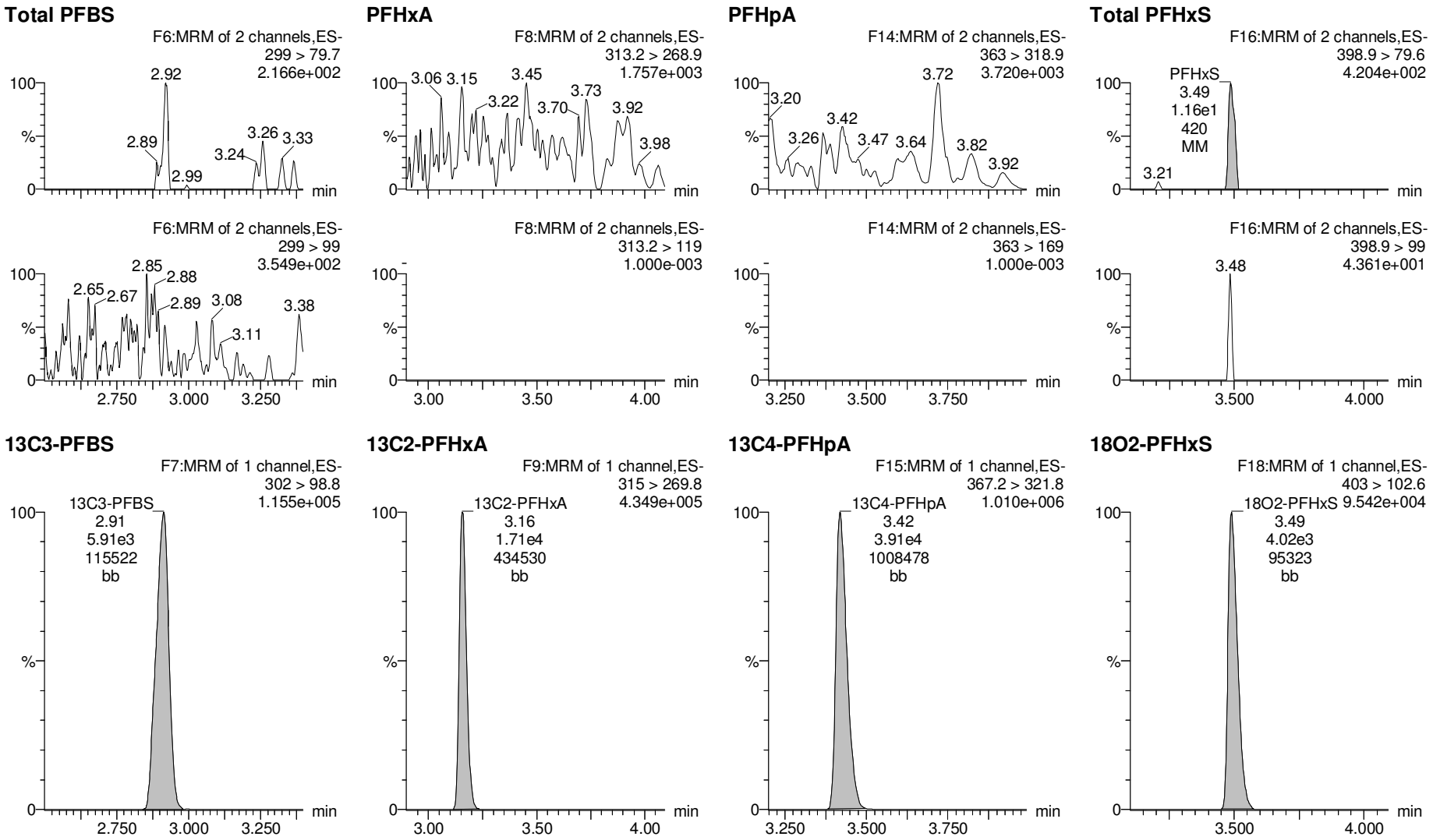
Last Altered: Tuesday, August 22, 2017 09:10:35 Pacific Daylight Time

Printed: Tuesday, August 22, 2017 09:12:02 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170816M1_77, Date: 17-Aug-2017, Time: 01:52:16, ID: B7H0069-BLK1 Method Blank 0.25, Description: Method Blank



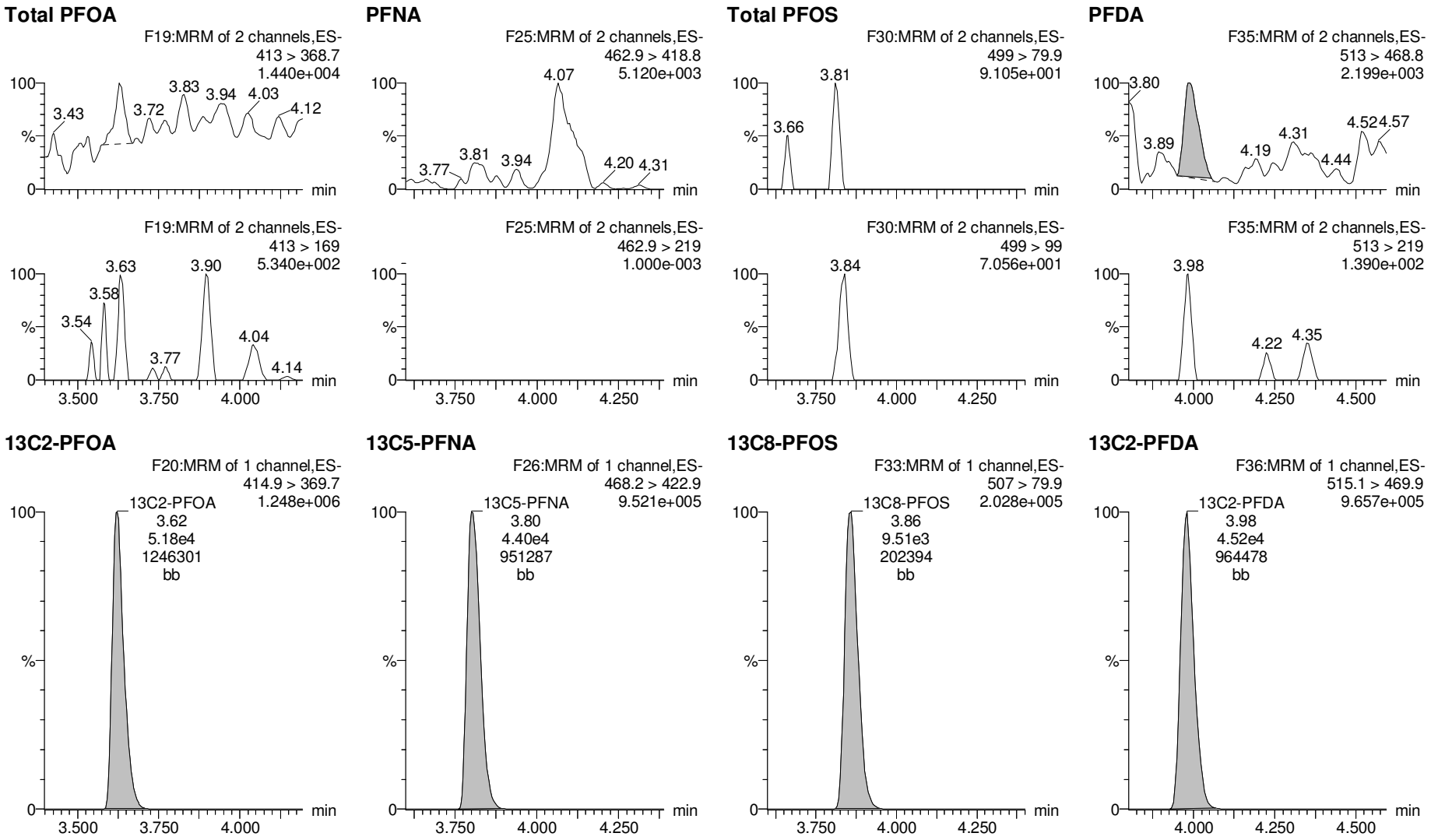
Dataset: U:\Q4.PRO\results\170816M1\170816M1-77.qld

Rev'd: MM 8/25/17

Last Altered: Tuesday, August 22, 2017 09:10:35 Pacific Daylight Time

Printed: Tuesday, August 22, 2017 09:12:02 Pacific Daylight Time

Name: 170816M1_77, Date: 17-Aug-2017, Time: 01:52:16, ID: B7H0069-BLK1 Method Blank 0.25, Description: Method Blank

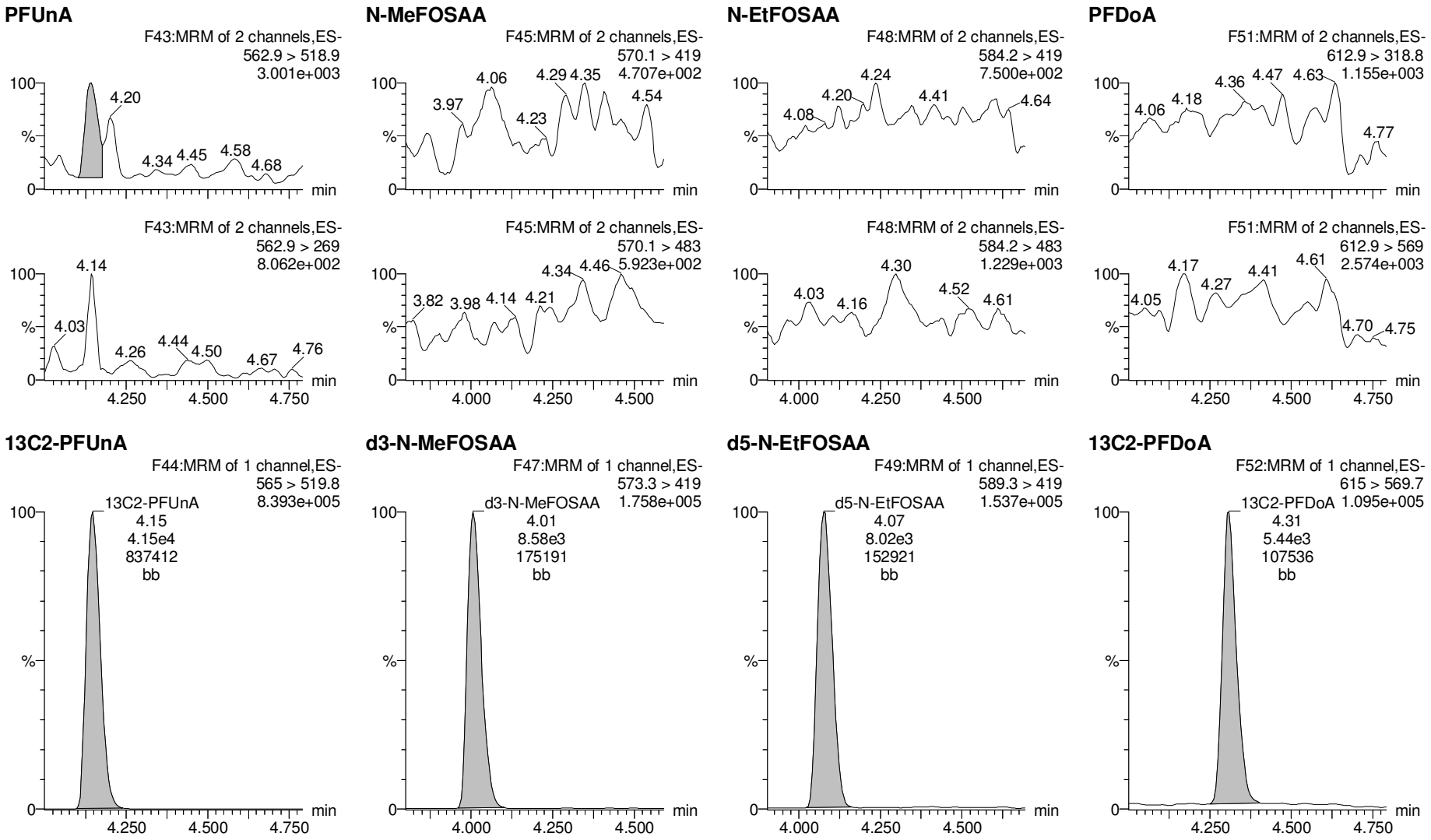


Dataset: U:\Q4.PRO\results\170816M1\170816M1-77.qld

Last Altered: Tuesday, August 22, 2017 09:10:35 Pacific Daylight Time

Printed: Tuesday, August 22, 2017 09:12:02 Pacific Daylight Time

Name: 170816M1_77, Date: 17-Aug-2017, Time: 01:52:16, ID: B7H0069-BLK1 Method Blank 0.25, Description: Method Blank

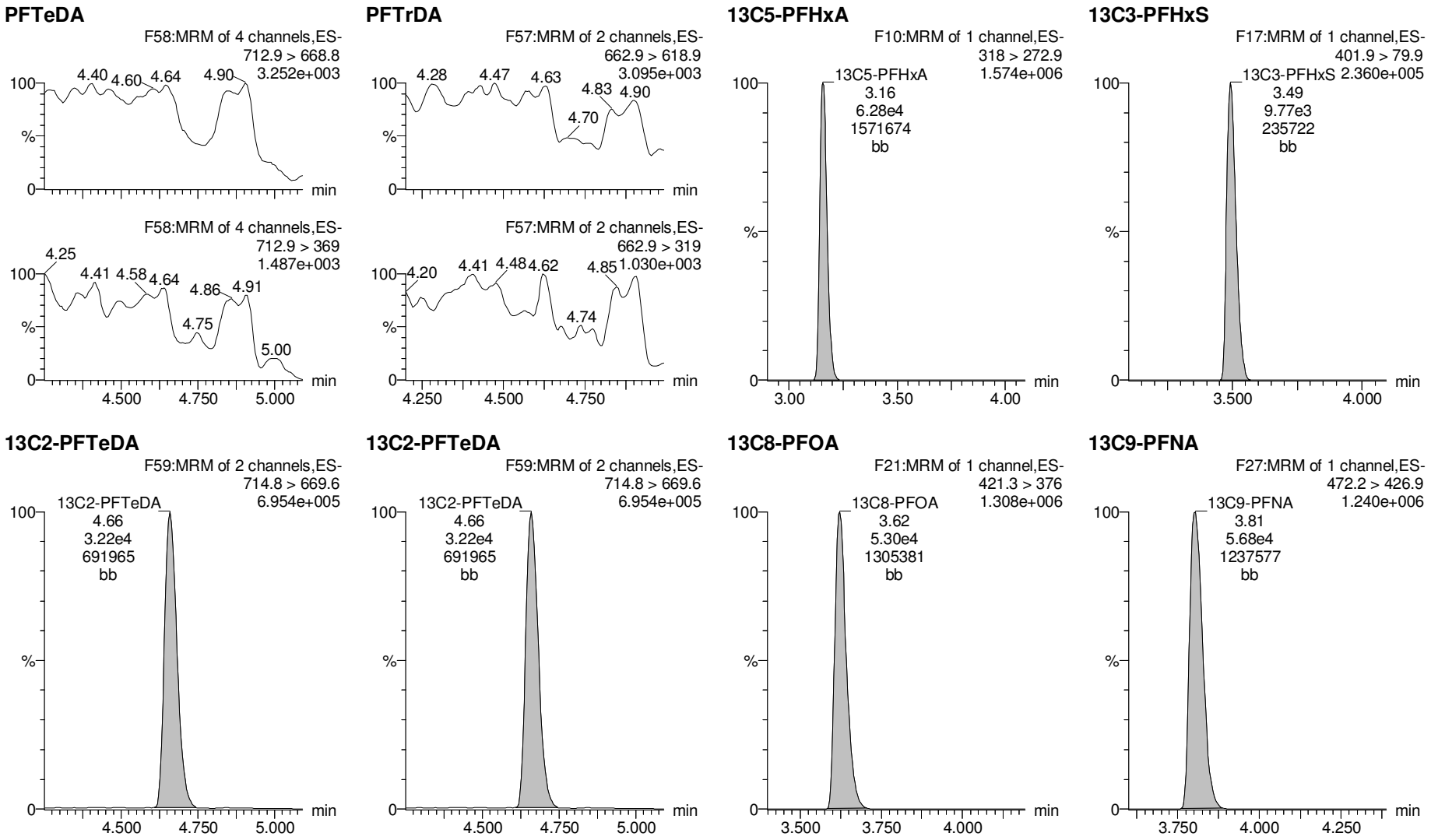


Dataset: U:\Q4.PRO\results\170816M1\170816M1-77.qld

Last Altered: Tuesday, August 22, 2017 09:10:35 Pacific Daylight Time

Printed: Tuesday, August 22, 2017 09:12:02 Pacific Daylight Time

Name: 170816M1_77, Date: 17-Aug-2017, Time: 01:52:16, ID: B7H0069-BLK1 Method Blank 0.25, Description: Method Blank

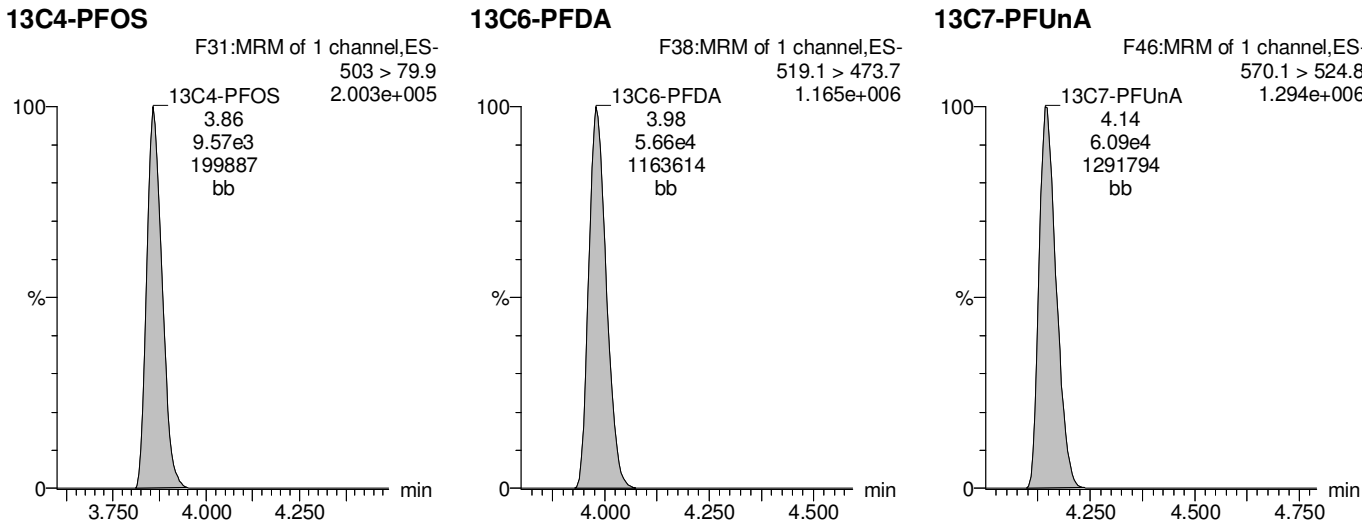


Dataset: U:\Q4.PRO\results\170816M1\170816M1-77.qld

Last Altered: Tuesday, August 22, 2017 09:10:35 Pacific Daylight Time

Printed: Tuesday, August 22, 2017 09:12:02 Pacific Daylight Time

Name: 170816M1_77, Date: 17-Aug-2017, Time: 01:52:16, ID: B7H0069-BLK1 Method Blank 0.25, Description: Method Blank



Dataset: U:\Q4.PRO\results\170816M1\170816M1-74.qld

Last Altered: Tuesday, August 22, 2017 08:49:21 Pacific Daylight Time

Printed: Tuesday, August 22, 2017 08:50:47 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170816M1_74, Date: 17-Aug-2017, Time: 01:19:57, ID: B7H0069-BS1 OPR 0.25, Description: OPR

	#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3	PFBS	299 > 79.7	9.16e3	6.15e3	0.2500		3.06	2.91	18.6	43.0	107.6
2	4	PFHxA	313.2 > 268.9	5.55e4	1.88e4	0.2500		3.14	3.16	14.8	44.9	112.2
3	5	PFHpA	363 > 318.9	4.46e4	4.22e4	0.2500		3.40	3.42	13.2	44.8	112.1
4	6	PFHxS	398.9 > 79.6	5.57e3	4.21e3	0.2500		3.58	3.50	16.5	37.6	94.1
5	8	PFOA	413 > 368.7	4.92e4	5.69e4	0.2500		3.71	3.62	10.8	43.5	108.7
6	10	PFNA	462.9 > 418.8	4.44e4	4.81e4	0.2500		3.75	3.80	11.5	45.0	112.5
7	12	PFOS	499 > 79.9	8.31e3	1.04e4	0.2500		3.96	3.86	10.0	37.8	94.4
8	13	PFDA	513 > 468.8	4.58e4	4.64e4	0.2500		3.96	3.98	12.4	43.3	108.3
9	15	N-MeFOSAA	570.1 > 419	1.06e4	8.93e3	0.2500		4.11	4.01	193	39.9	99.8
10	16	N-EtFOSAA	584.2 > 419	8.47e3	8.62e3	0.2500		4.18	4.08	160	40.8	102.0
11	17	PFUnA	562.9 > 518.9	3.18e4	4.82e4	0.2500		4.12	4.15	8.26	40.5	101.3
12	19	PFDoA	612.9 > 318.8	3.82e3	5.51e3	0.2500		4.28	4.31	8.67	41.4	103.5

Dataset: U:\Q4.PRO\results\170816M1\170816M1-74.qld

Last Altered: Tuesday, August 22, 2017 08:49:21 Pacific Daylight Time

Printed: Tuesday, August 22, 2017 08:50:59 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170816M1_74, Date: 17-Aug-2017, Time: 01:19:57, ID: B7H0069-BS1 OPR 0.25, Description: OPR

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	21 PFTTrDA	662.9 > 618.9	4.44e4	5.51e3	0.2500		4.45	4.48	101	39.8	99.4
2	22 PFTeDA	712.9 > 668.8	2.80e4	3.08e4	0.2500		4.66	4.66	11.3	39.6	99.1
3	30 13C3-PFBS	302 > 98.8	6.15e3	6.11e4	0.2500	0.033	2.94	2.91	0.503	61.2	122.5
4	31 13C2-PFHxA	315 > 269.8	1.88e4	6.11e4	0.2500	0.304	3.14	3.16	1.54	20.2	101.1
5	32 13C4-PFHpA	367.2 > 321.8	4.22e4	6.11e4	0.2500	0.384	3.40	3.42	3.46	36.0	72.0
6	33 18O2-PFHxS	403 > 102.6	4.21e3	1.02e4	0.2500	0.417	3.47	3.49	5.15	49.4	98.8
7	35 13C2-PFOA	414.9 > 369.7	5.69e4	5.39e4	0.2500	1.132	3.71	3.62	13.2	46.7	93.4
8	36 13C5-PFNA	468.2 > 422.9	4.81e4	6.01e4	0.2500	0.946	3.75	3.80	10.0	42.3	84.6
9	38 13C8-PFOS	507 > 79.9	1.04e4	9.94e3	0.2500	1.040	3.84	3.86	13.0	50.1	100.2
10	39 13C2-PFDA	515.1 > 469.9	4.64e4	6.21e4	0.2500	0.971	3.96	3.98	9.33	38.4	76.9

Dataset: U:\Q4.PRO\results\170816M1\170816M1-74.qld

Last Altered: Tuesday, August 22, 2017 08:49:21 Pacific Daylight Time

Printed: Tuesday, August 22, 2017 08:51:14 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170816M1_74, Date: 17-Aug-2017, Time: 01:19:57, ID: B7H0069-BS1 OPR 0.25, Description: OPR

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	41 d3-N-MeFOSAA	573.3 > 419	8.93e3	5.94e4	0.2500	0.018	3.99	4.01	1.88	423	65.0
2	42 d5-N-EtFOSAA	589.3 > 419	8.62e3	5.94e4	0.2500	0.018	4.06	4.07	1.81	398	61.2
3	43 13C2-PFUnA	565 > 519.8	4.82e4	5.94e4	0.2500	1.085	4.12	4.14	10.1	37.4	74.7
4	44 13C2-PFDoA	615 > 569.7	5.51e3	5.94e4	0.2500	0.123	4.29	4.31	1.16	37.7	75.3
5	46 13C2-PFTeDA	714.8 > 669.6	3.08e4	5.94e4	0.2500	0.798	4.66	4.66	6.48	32.5	65.0
6	52 13C5-PFHxA	318 > 272.9	6.11e4	6.11e4	0.2500	1.000	3.14	3.16	5.00	20.0	100.0
7	53 13C3-PFHxS	401.9 > 79.9	1.02e4	1.02e4	0.2500	1.000	3.47	3.49	12.5	50.0	100.0
8	54 13C8-PFOA	421.3 > 376	5.39e4	5.39e4	0.2500	1.000	3.71	3.62	12.5	50.0	100.0
9	55 13C9-PFNA	472.2 > 426.9	6.01e4	6.01e4	0.2500	1.000	3.79	3.80	12.5	50.0	100.0
10	56 13C4-PFOS	503 > 79.9	9.94e3	9.94e3	0.2500	1.000	3.84	3.86	12.5	50.0	100.0
11	57 13C6-PFDA	519.1 > 473.7	6.21e4	6.21e4	0.2500	1.000	3.95	3.98	12.5	50.0	100.0
12	58 13C7-PFUnA	570.1 > 524.8	5.94e4	5.94e4	0.2500	1.000	4.12	4.14	12.5	50.0	100.0
13	59 Total PFBS	299 > 79.7	9.16e3	6.15e3	0.2500		3.06		18.6	43.0	
14	60 Total PFHxS	398.9 > 79.6	5.57e3	4.21e3	0.2500		3.58		16.5	37.6	
15	61 Total PFOA	413 > 368.7	4.92e4	5.69e4	0.2500		3.71		10.8	43.5	
16	62 Total PFOS	499 > 79.9	8.31e3	1.04e4	0.2500		3.96		10.0	37.8	
17	63 Total N-Me-FOSAA	570.1 > 419	1.06e4	8.93e3	0.2500		4.11		193	39.9	
18	64 Total N-EtFOSAA	584.2 > 419	8.47e3	8.62e3	0.2500		4.18		160	40.8	

Dataset: U:\Q4.PRO\results\170816M1\170816M1-74.qld

Last Altered: Tuesday, August 22, 2017 08:49:21 Pacific Daylight Time

Printed: Tuesday, August 22, 2017 08:51:14 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170816M1_74, Date: 17-Aug-2017, Time: 01:19:57, ID: B7H0069-BS1 OPR 0.25, Description: OPR

Total PFBS

	# Name	Trace	RT	Area	IS Area	Response	Primary Flags	Conc.
1	3 PFBS	299 > 79.7	2.91	9158.345	6150.855	18.612	bb	43.0

Total PFHxS

	# Name	Trace	RT	Area	IS Area	Response	Primary Flags	Conc.
1	6 PFHxS	398.9 > 79.6	3.50	5574.194	4210.668	16.548	MM	37.6

Total PFOA

	# Name	Trace	RT	Area	IS Area	Response	Primary Flags	Conc.
1	8 PFOA	413 > 368.7	3.62	49228.621	56947.332	10.806	bb	43.5

Total PFOS

	# Name	Trace	RT	Area	IS Area	Response	Primary Flags	Conc.
1	12 PFOS	499 > 79.9	3.86	8312.085	10356.345	10.033	MM	37.8

Total N-Me-FOSAA

	# Name	Trace	RT	Area	IS Area	Response	Primary Flags	Conc.
1	15 N-MeFOSAA	570.1 > 419	4.01	10592.470	8929.671	192.759	bb	39.9

Total N-EtFOSAA

	# Name	Trace	RT	Area	IS Area	Response	Primary Flags	Conc.
1	16 N-EtFOSAA	584.2 > 419	4.08	8467.275	8617.818	159.661	bb	40.8

Dataset: U:\Q4.PRO\results\170816M1\170816M1-74.qld

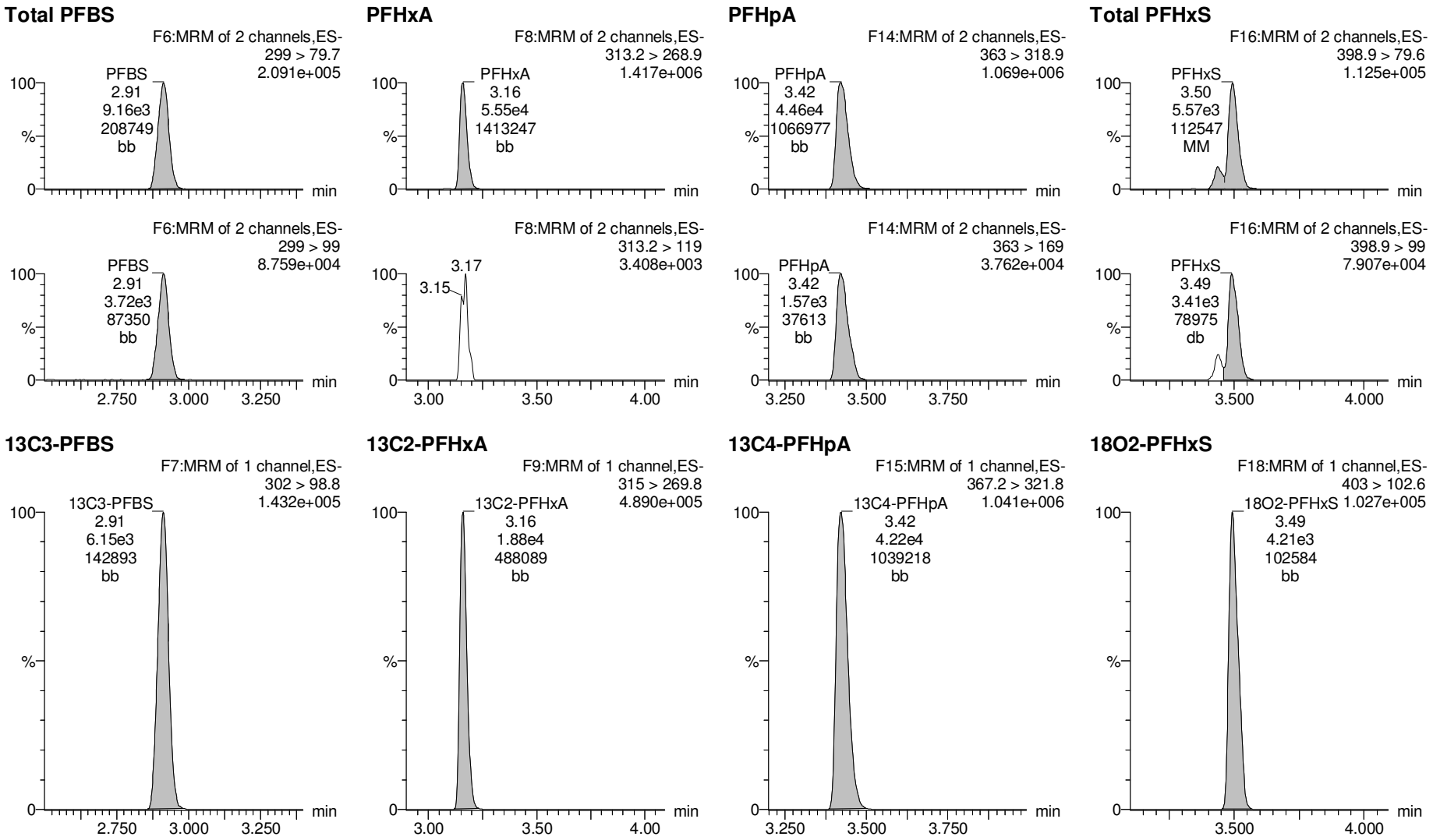
Last Altered: Tuesday, August 22, 2017 08:49:21 Pacific Daylight Time

Printed: Tuesday, August 22, 2017 08:51:14 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170816M1_74, Date: 17-Aug-2017, Time: 01:19:57, ID: B7H0069-BS1 OPR 0.25, Description: OPR

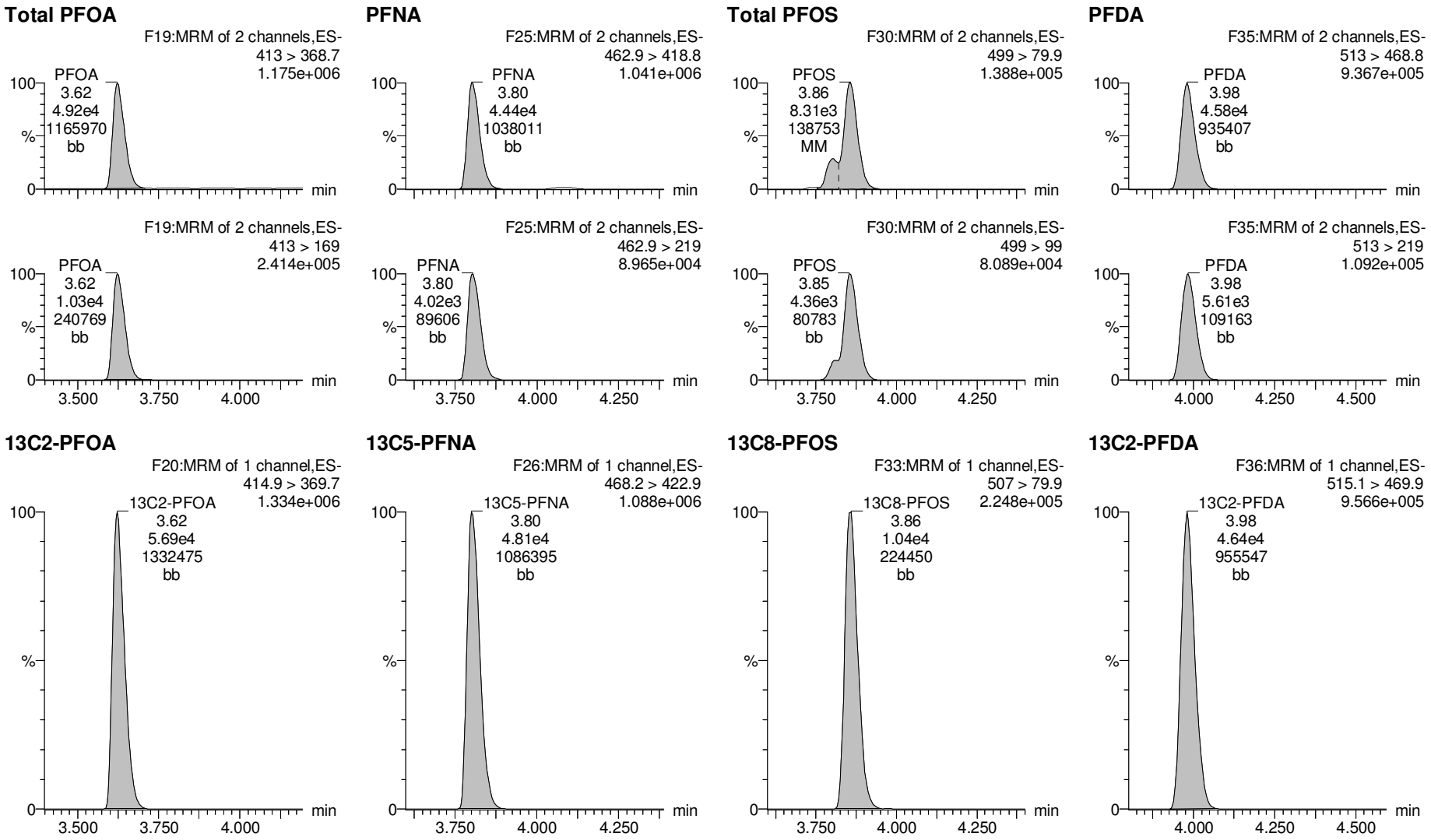


Dataset: U:\Q4.PRO\results\170816M1\170816M1-74.qld

Last Altered: Tuesday, August 22, 2017 08:49:21 Pacific Daylight Time

Printed: Tuesday, August 22, 2017 08:51:14 Pacific Daylight Time

Name: 170816M1_74, Date: 17-Aug-2017, Time: 01:19:57, ID: B7H0069-BS1 OPR 0.25, Description: OPR



Total PFOS

F30:MRM of 2 channels,ES-499 > 79.9
1.388e+005

PFOS

3.86
8.31e3
138753
MM

F30:MRM of 2 channels,ES-499 > 99
8.089e+004

PFOS

3.85
4.36e3
80783
bb

PFDA

F35:MRM of 2 channels,ES-513 > 468.8
9.367e+005

PFDA

3.98
4.58e4
935407
bb

F35:MRM of 2 channels,ES-513 > 219
1.092e+005

PFDA

3.98
5.61e3
109163
bb

13C2-PFOA

F20:MRM of 1 channel,ES-414.9 > 369.7
1.334e+006

13C2-PFOA

3.62
5.69e4
1332475
bb

F26:MRM of 1 channel,ES-468.2 > 422.9
1.088e+006

13C5-PFNA

3.80
4.81e4
1086395
bb

13C8-PFOS

F33:MRM of 1 channel,ES-507 > 79.9
2.248e+005

13C8-PFOS

3.86
1.04e4
224450
bb

F36:MRM of 1 channel,ES-515.1 > 469.9
9.566e+005

13C2-PFDA

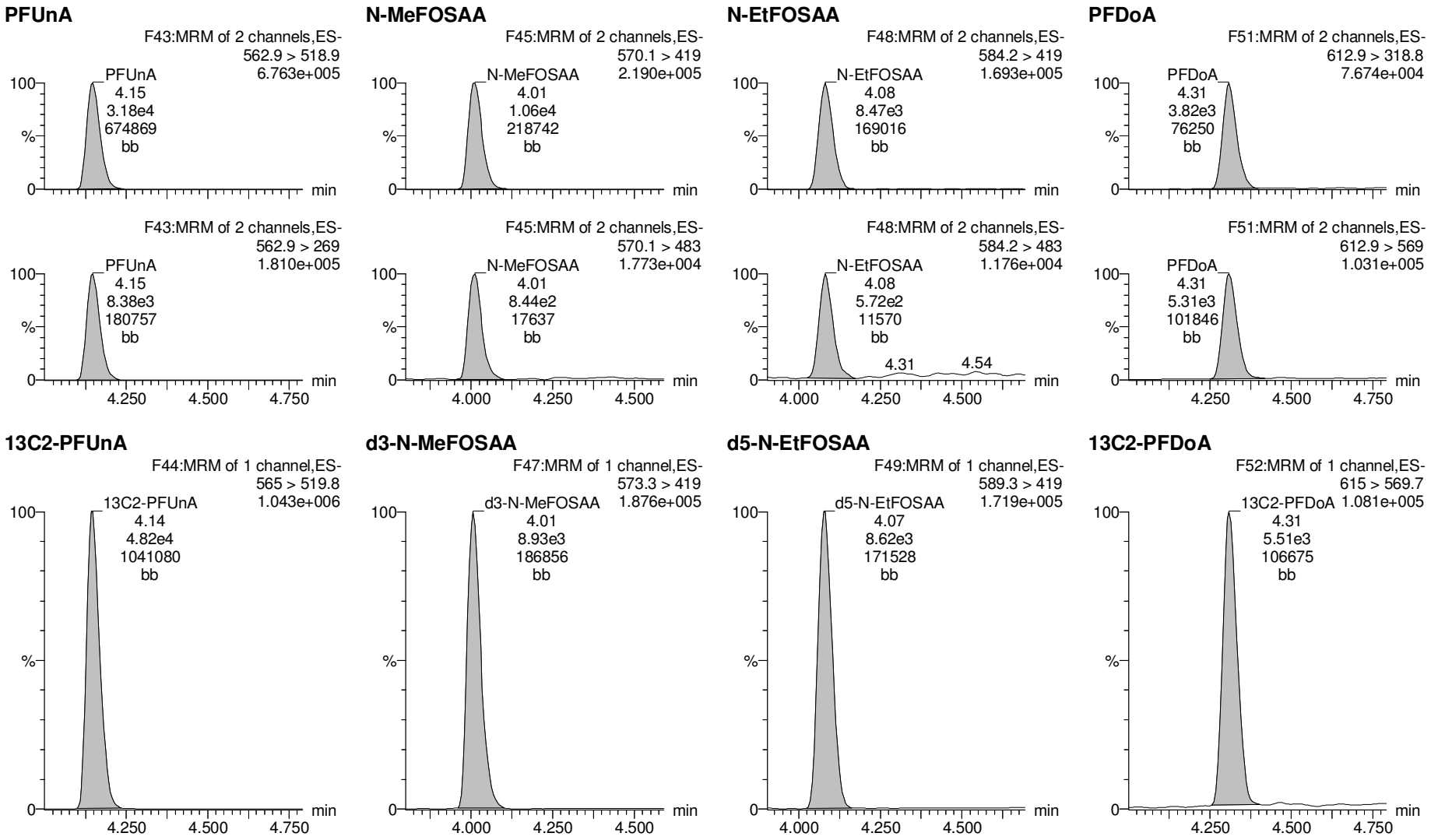
3.98
4.64e4
955547
bb

Dataset: U:\Q4.PRO\results\170816M1\170816M1-74.qld

Last Altered: Tuesday, August 22, 2017 08:49:21 Pacific Daylight Time

Printed: Tuesday, August 22, 2017 08:51:14 Pacific Daylight Time

Name: 170816M1_74, Date: 17-Aug-2017, Time: 01:19:57, ID: B7H0069-BS1 OPR 0.25, Description: OPR



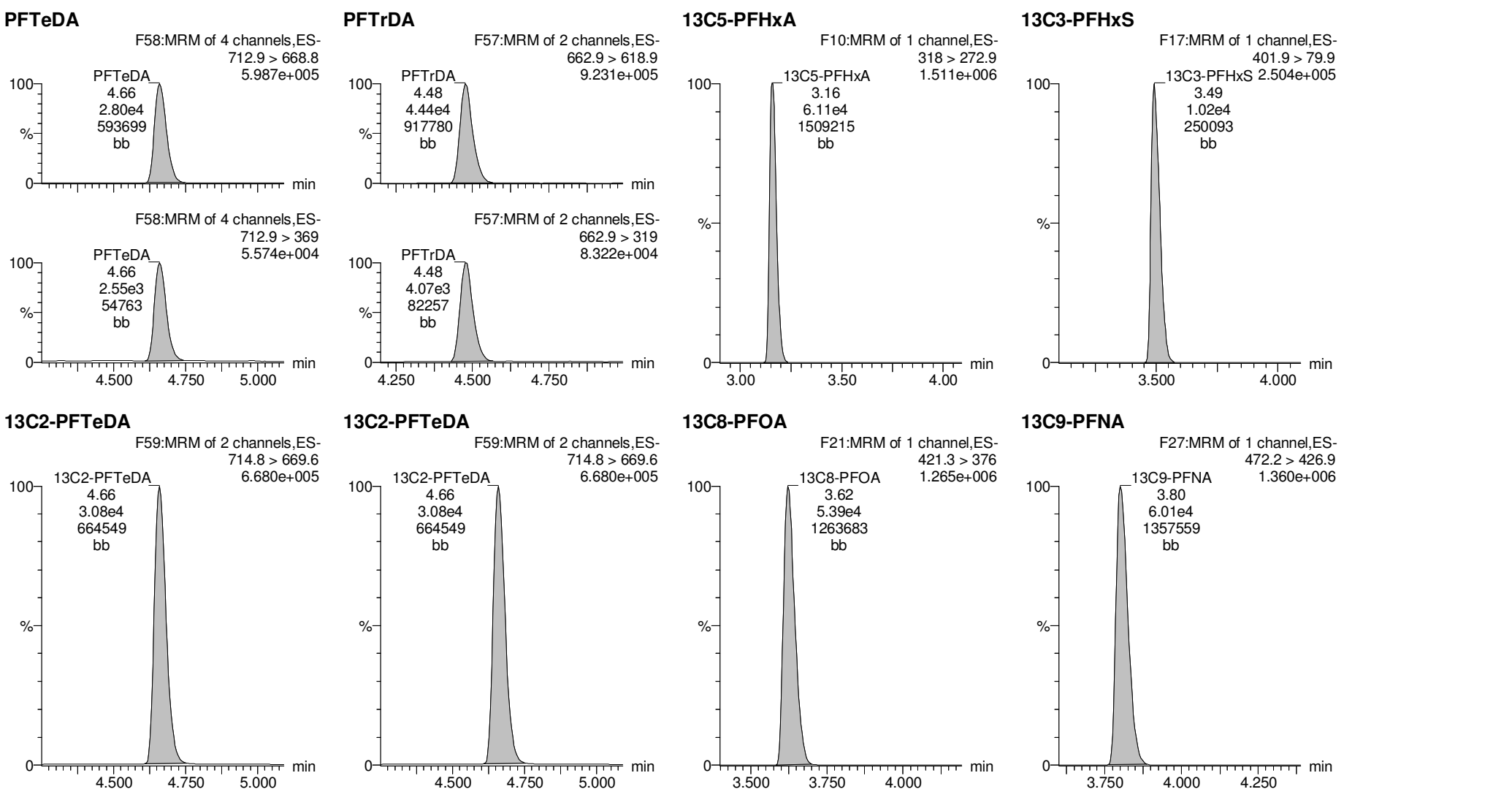
Dataset: U:\Q4.PRO\results\170816M1\170816M1-74.qld

Last Altered: Tuesday, August 22, 2017 08:49:21 Pacific Daylight Time

Printed: Tuesday, August 22, 2017 08:51:14 Pacific Daylight Time

Rev'd: MM 8/25/17

Name: 170816M1_74, Date: 17-Aug-2017, Time: 01:19:57, ID: B7H0069-BS1 OPR 0.25, Description: OPR

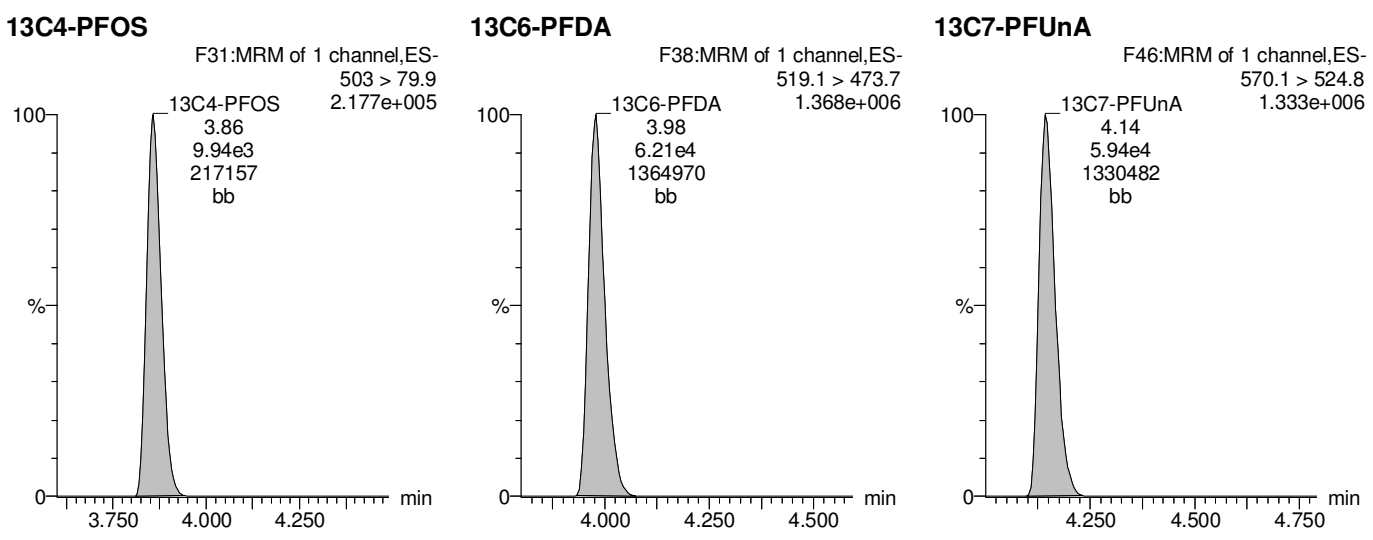


Dataset: U:\Q4.PRO\results\170816M1\170816M1-74.qld

Last Altered: Tuesday, August 22, 2017 08:49:21 Pacific Daylight Time

Printed: Tuesday, August 22, 2017 08:51:14 Pacific Daylight Time

Name: 170816M1_74, Date: 17-Aug-2017, Time: 01:19:57, ID: B7H0069-BS1 OPR 0.25, Description: OPR



Dataset: U:\Q4.PRO\results\170815M1\170815M1-101.qld

Last Altered: Wednesday, August 23, 2017 11:21:46 Pacific Daylight Time

Printed: Wednesday, August 23, 2017 11:23:07 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170815M1_101, Date: 16-Aug-2017, Time: 07:15:50, ID: 1701023-01 SB01-20170807 0.11872, Description: SB01-20170807

	# Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299 > 79.7		4.64e3		0.1187	3.06				
2	8 PFOA	413 > 368.7		3.92e4		0.1187	3.71				
3	12 PFOS	499 > 79.9		7.85e3		0.1187	3.96				
4	30 13C3-PFBS	302 > 98.8	4.64e3	4.74e4	0.033	0.1187	2.94	2.92	0.490	126	119.2
5	31 13C2-PFHxA	315 > 269.8	1.35e4	4.74e4	0.304	0.1187	3.14	3.16	1.43	39.5	93.9
6	32 13C4-PFHpA	367.2 > 321.8	3.13e4	4.74e4	0.384	0.1187	3.40	3.42	3.30	72.3	68.7
7	33 18O2-PFHxS	403 > 102.6	3.18e3	8.21e3	0.417	0.1187	3.47	3.49	4.84	97.8	92.9
8	34 13C2-6:2 FTS	429.1 > 408.9	6.05e3	3.89e4	0.202	0.1187	3.70	3.62	1.94	81.2	77.1
9	35 13C2-PFOA	414.9 > 369.7	3.92e4	3.89e4	1.132	0.1187	3.71	3.63	12.6	93.8	89.1
10	36 13C5-PFNA	468.2 > 422.9	3.45e4	4.54e4	0.946	0.1187	3.75	3.81	9.50	84.6	80.3
11	37 13C8-PFOSA	506.1 > 77.7	2.54e3	4.39e4	0.119	0.1187	3.79	3.82	0.722	51.0	48.4
12	38 13C8-PFOS	507 > 79.9	7.85e3	7.89e3	1.040	0.1187	3.84	3.86	12.4	101	95.7
13	52 13C5-PFHxA	318 > 272.9	4.74e4	4.74e4	1.000	0.1187	3.14	3.16	5.00	42.1	100.0
14	53 13C3-PFHxS	401.9 > 79.9	8.21e3	8.21e3	1.000	0.1187	3.47	3.49	12.5	105	100.0
15	54 13C8-PFOA	421.3 > 376	3.89e4	3.89e4	1.000	0.1187	3.71	3.63	12.5	105	100.0
16	55 13C9-PFNA	472.2 > 426.9	4.54e4	4.54e4	1.000	0.1187	3.79	3.81	12.5	105	100.0
17	56 13C4-PFOS	503 > 79.9	7.89e3	7.89e3	1.000	0.1187	3.84	3.86	12.5	105	100.0
18	57 13C6-PFDA	519.1 > 473.7	4.26e4	4.26e4	1.000	0.1187	3.95	3.98	12.5	105	100.0
19	58 13C7-PFUnA	570.1 > 524.8	4.39e4	4.39e4	1.000	0.1187	4.12	4.15	12.5	105	100.0
20	59 Total PFBS	299 > 79.7	0.00e0	4.64e3		0.1187	3.06		0.000		
21	61 Total PFOA	413 > 368.7	0.00e0	3.92e4		0.1187	3.71		0.000		
22	62 Total PFOS	499 > 79.9	0.00e0	7.85e3		0.1187	3.96		0.000		

Dataset: U:\Q4.PRO\results\170815M1\170815M1-101.qld

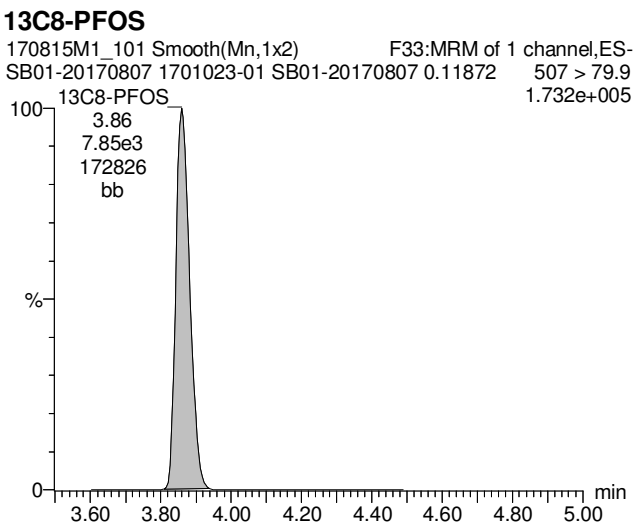
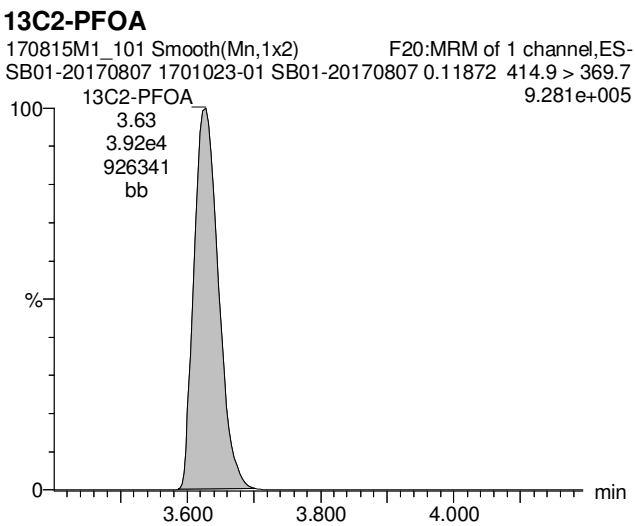
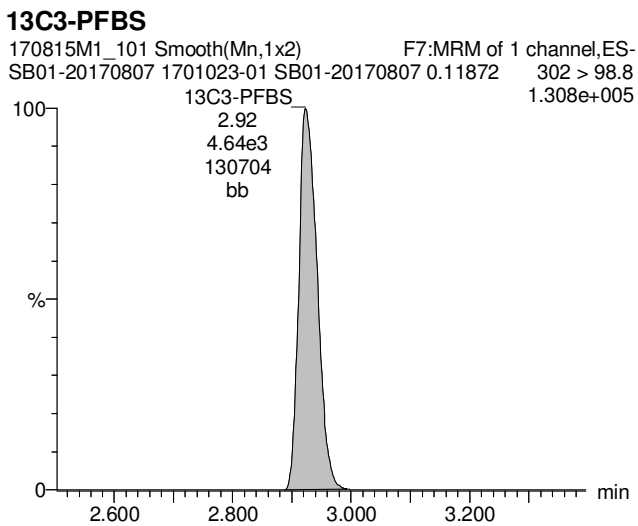
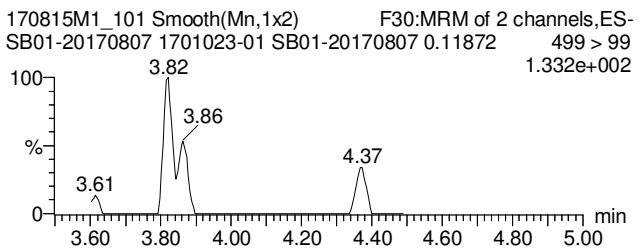
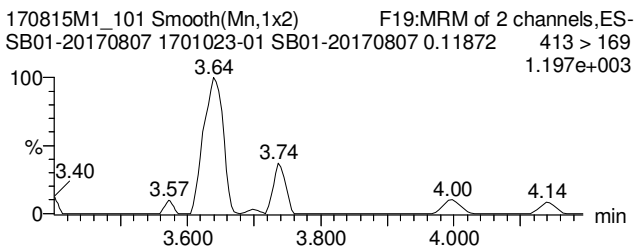
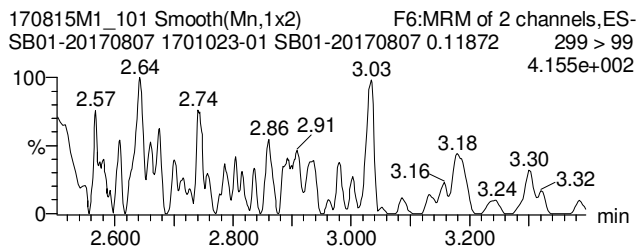
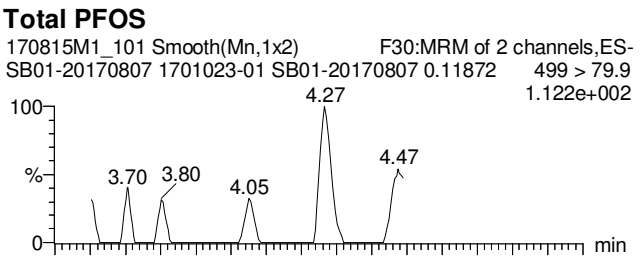
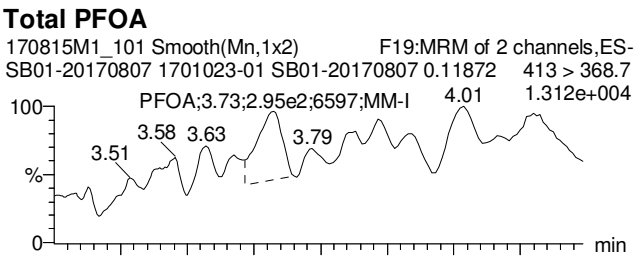
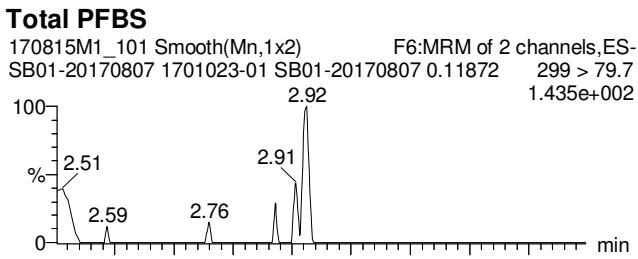
Last Altered: Wednesday, August 23, 2017 11:21:46 Pacific Daylight Time

Printed: Wednesday, August 23, 2017 11:23:07 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170815M1_101, Date: 16-Aug-2017, Time: 07:15:50, ID: 1701023-01 SB01-20170807 0.11872, Description: SB01-20170807

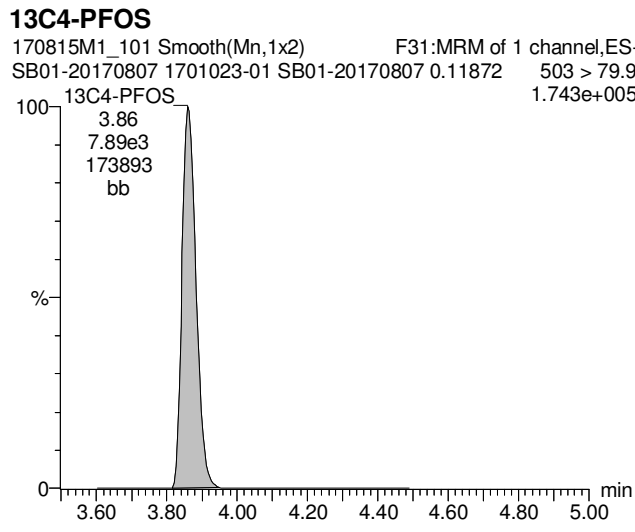
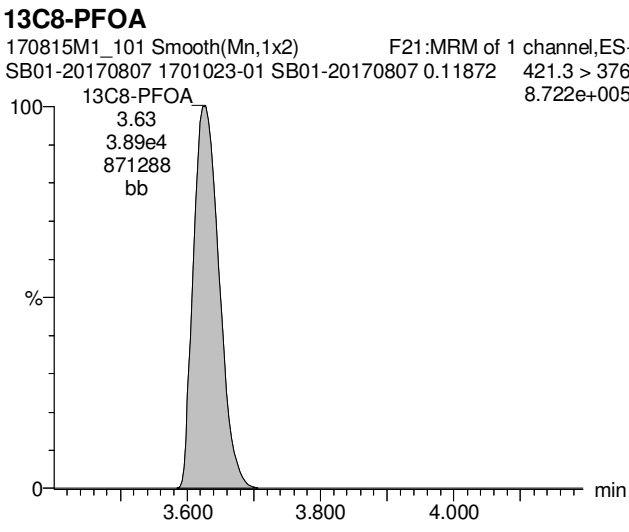
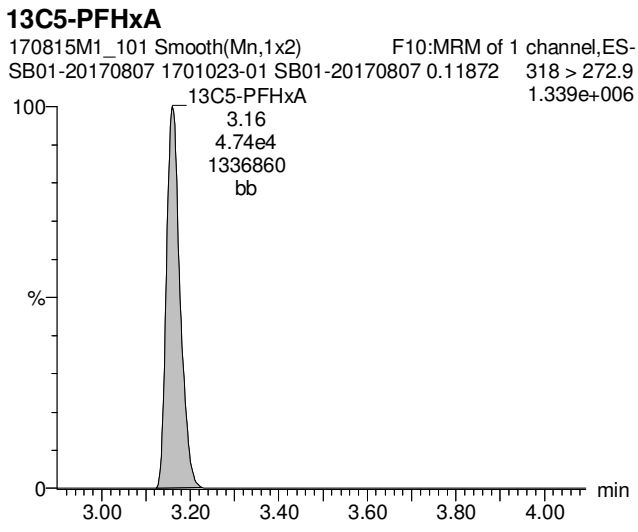


Dataset: U:\Q4.PRO\results\170815M1\170815M1-101.qld

Last Altered: Wednesday, August 23, 2017 11:21:46 Pacific Daylight Time

Printed: Wednesday, August 23, 2017 11:23:07 Pacific Daylight Time

Name: 170815M1_101, Date: 16-Aug-2017, Time: 07:15:50, ID: 1701023-01 SB01-20170807 0.11872, Description: SB01-20170807



Dataset: U:\Q4.PRO\results\170815M1\170815M1-102.qld

Last Altered: Wednesday, August 23, 2017 11:25:05 Pacific Daylight Time

Printed: Wednesday, August 23, 2017 11:25:26 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170815M1_102, Date: 16-Aug-2017, Time: 07:26:29, ID: 1701023-02 EB01-20170807 0.11734, Description: EB01-20170807

	# Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299 > 79.7		4.29e3		0.1173	3.06				
2	8 PFOA	413 > 368.7		3.47e4		0.1173	3.71				
3	12 PFOS	499 > 79.9		6.80e3		0.1173	3.96				
4	30 13C3-PFBS	302 > 98.8	4.29e3	4.16e4	0.033	0.1173	2.94	2.93	0.515	134	125.4
5	31 13C2-PFHxA	315 > 269.8	1.17e4	4.16e4	0.304	0.1173	3.14	3.17	1.40	39.4	92.5
6	32 13C4-PFHpA	367.2 > 321.8	2.72e4	4.16e4	0.384	0.1173	3.40	3.42	3.26	72.4	67.9
7	33 18O2-PFHxS	403 > 102.6	2.68e3	7.09e3	0.417	0.1173	3.47	3.50	4.73	96.7	90.8
8	34 13C2-6:2 FTS	429.1 > 408.9	5.87e3	3.36e4	0.202	0.1173	3.70	3.62	2.18	92.3	86.6
9	35 13C2-PFOA	414.9 > 369.7	3.47e4	3.36e4	1.132	0.1173	3.71	3.63	12.9	97.3	91.3
10	36 13C5-PFNA	468.2 > 422.9	3.31e4	4.23e4	0.946	0.1173	3.75	3.81	9.79	88.2	82.8
11	37 13C8-PFOSA	506.1 > 77.7	2.45e3	4.11e4	0.119	0.1173	3.79	3.82	0.745	53.2	49.9
12	38 13C8-PFOS	507 > 79.9	6.80e3	7.07e3	1.040	0.1173	3.84	3.86	12.0	98.5	92.4
13	52 13C5-PFHxA	318 > 272.9	4.16e4	4.16e4	1.000	0.1173	3.14	3.17	5.00	42.6	100.0
14	53 13C3-PFHxS	401.9 > 79.9	7.09e3	7.09e3	1.000	0.1173	3.47	3.50	12.5	107	100.0
15	54 13C8-PFOA	421.3 > 376	3.36e4	3.36e4	1.000	0.1173	3.71	3.63	12.5	107	100.0
16	55 13C9-PFNA	472.2 > 426.9	4.23e4	4.23e4	1.000	0.1173	3.79	3.81	12.5	107	100.0
17	56 13C4-PFOS	503 > 79.9	7.07e3	7.07e3	1.000	0.1173	3.84	3.86	12.5	107	100.0
18	57 13C6-PFDA	519.1 > 473.7	3.69e4	3.69e4	1.000	0.1173	3.95	3.98	12.5	107	100.0
19	58 13C7-PFUnA	570.1 > 524.8	4.11e4	4.11e4	1.000	0.1173	4.12	4.15	12.5	107	100.0
20	59 Total PFBS	299 > 79.7	0.00e0	4.29e3		0.1173	3.06		0.000		
21	61 Total PFOA	413 > 368.7	0.00e0	3.47e4		0.1173	3.71		0.000		
22	62 Total PFOS	499 > 79.9	0.00e0	6.80e3		0.1173	3.96		0.000		

Dataset: U:\Q4.PRO\results\170815M1\170815M1-102.qld

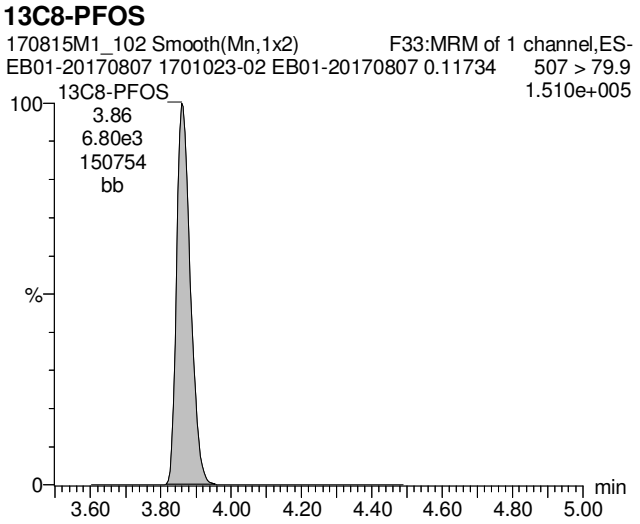
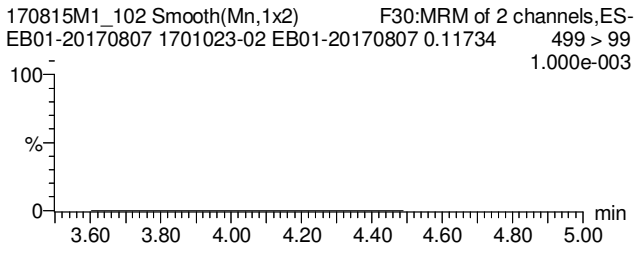
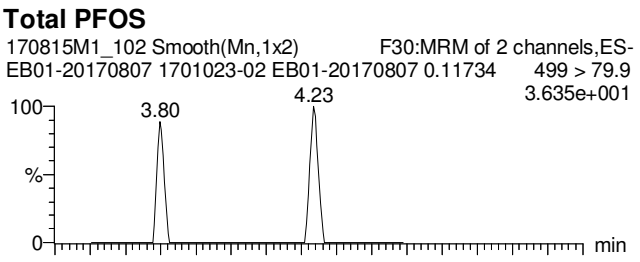
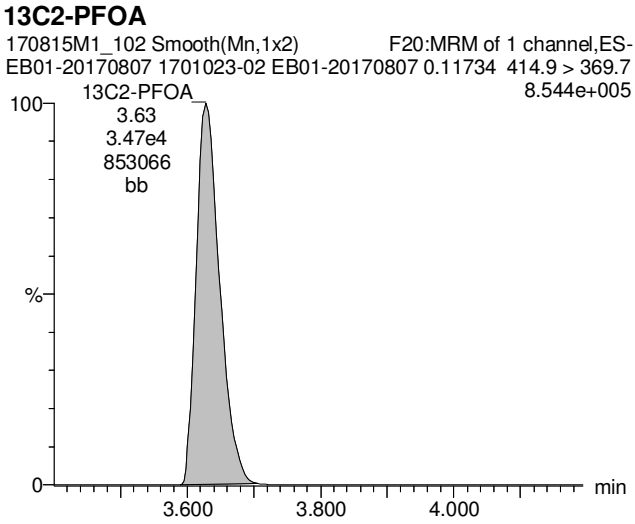
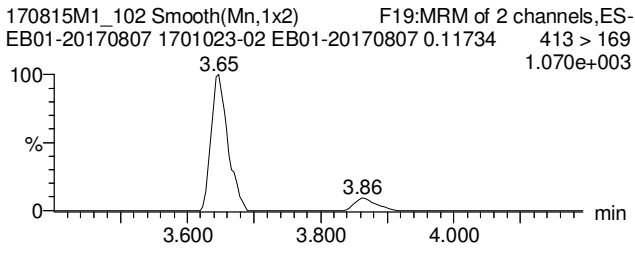
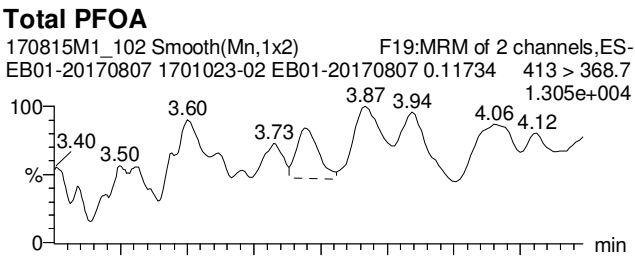
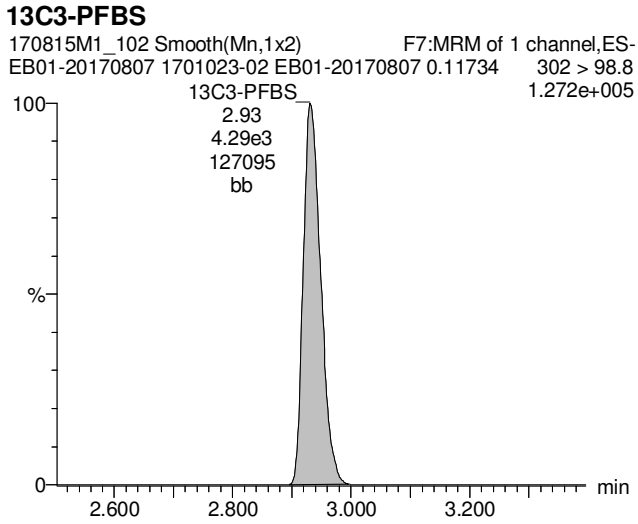
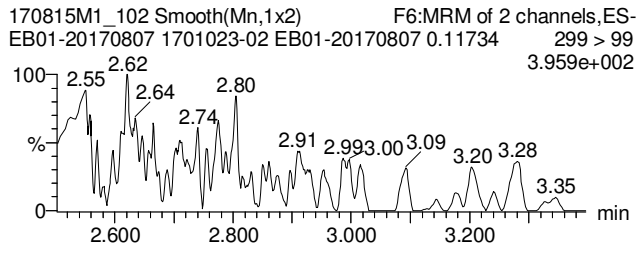
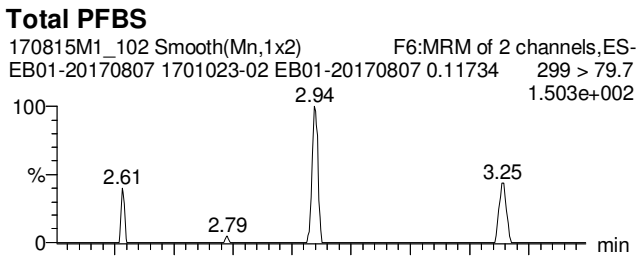
Last Altered: Wednesday, August 23, 2017 11:25:05 Pacific Daylight Time

Printed: Wednesday, August 23, 2017 11:25:26 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170815M1_102, Date: 16-Aug-2017, Time: 07:26:29, ID: 1701023-02 EB01-20170807 0.11734, Description: EB01-20170807

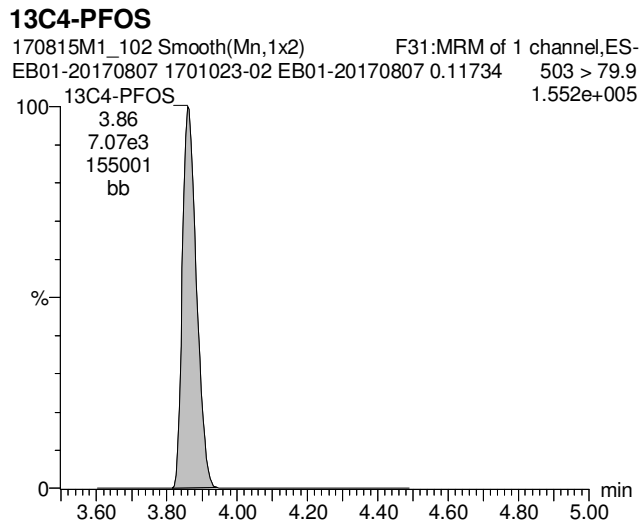
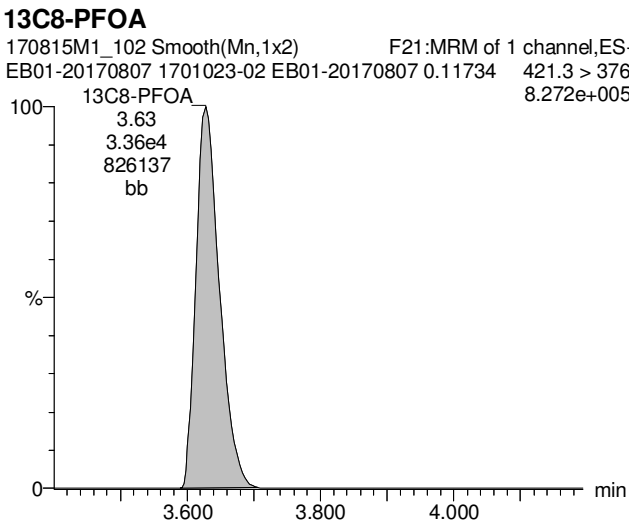
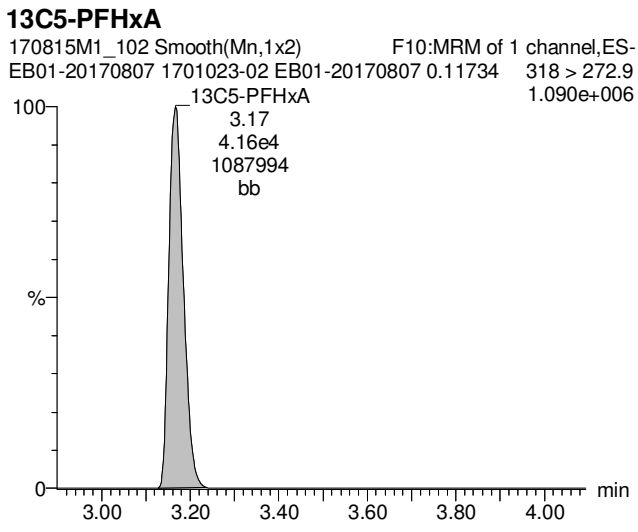


Dataset: U:\Q4.PRO\results\170815M1\170815M1-102.qld

Last Altered: Wednesday, August 23, 2017 11:25:05 Pacific Daylight Time

Printed: Wednesday, August 23, 2017 11:25:26 Pacific Daylight Time

Name: 170815M1_102, Date: 16-Aug-2017, Time: 07:26:29, ID: 1701023-02 EB01-20170807 0.11734, Description: EB01-20170807



Dataset: U:\Q4.PRO\results\170815M1\170815M1-103.qld

Last Altered: Wednesday, August 23, 2017 11:26:58 Pacific Daylight Time

Printed: Wednesday, August 23, 2017 11:27:38 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170815M1_103, Date: 16-Aug-2017, Time: 07:37:17, ID: 1701023-03 OUA1-MW08-20170807 0.1175, Description: OUA1-MW08-20170807

	# Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299 > 79.7	1.10e5	3.77e3		0.1175	3.06	2.93	366	1820	
2	8 PFOA	413 > 368.7	2.56e4	4.27e4		0.1175	3.71	3.63	7.49	63.7	
3	12 PFOS	499 > 79.9	1.37e3	7.98e3		0.1175	3.96	3.86	2.14	17.4	
4	30 13C3-PFBS	302 > 98.8	3.77e3	4.14e4	0.033	0.1175	2.94	2.93	0.456	118	111.0
5	31 13C2-PFHxA	315 > 269.8	1.22e4	4.14e4	0.304	0.1175	3.14	3.16	1.48	41.4	97.2
6	32 13C4-PFHpA	367.2 > 321.8	3.11e4	4.14e4	0.384	0.1175	3.40	3.42	3.76	83.4	78.4
7	33 18O2-PFHxS	403 > 102.6	2.72e3	7.80e3	0.417	0.1175	3.47	3.49	4.36	89.0	83.6
8	34 13C2-6:2 FTS	429.1 > 408.9	7.58e3	3.79e4	0.202	0.1175	3.70	3.62	2.50	105	99.1
9	35 13C2-PFOA	414.9 > 369.7	4.27e4	3.79e4	1.132	0.1175	3.71	3.63	14.1	106	99.6
10	36 13C5-PFNA	468.2 > 422.9	3.69e4	4.05e4	0.946	0.1175	3.75	3.81	11.4	102	96.2
11	37 13C8-PFOSA	506.1 > 77.7	3.07e3	4.29e4	0.119	0.1175	3.79	3.82	0.894	63.7	59.9
12	38 13C8-PFOS	507 > 79.9	7.98e3	8.20e3	1.040	0.1175	3.84	3.86	12.2	99.6	93.7
13	52 13C5-PFHxA	318 > 272.9	4.14e4	4.14e4	1.000	0.1175	3.14	3.16	5.00	42.6	100.0
14	53 13C3-PFHxS	401.9 > 79.9	7.80e3	7.80e3	1.000	0.1175	3.47	3.50	12.5	106	100.0
15	54 13C8-PFOA	421.3 > 376	3.79e4	3.79e4	1.000	0.1175	3.71	3.63	12.5	106	100.0
16	55 13C9-PFNA	472.2 > 426.9	4.05e4	4.05e4	1.000	0.1175	3.79	3.81	12.5	106	100.0
17	56 13C4-PFOS	503 > 79.9	8.20e3	8.20e3	1.000	0.1175	3.84	3.86	12.5	106	100.0
18	57 13C6-PFDA	519.1 > 473.7	4.54e4	4.54e4	1.000	0.1175	3.95	3.98	12.5	106	100.0
19	58 13C7-PFUnA	570.1 > 524.8	4.29e4	4.29e4	1.000	0.1175	4.12	4.15	12.5	106	100.0
20	59 Total PFBS	299 > 79.7	1.13e5	3.77e3		0.1175	3.06		374	1850	
21	61 Total PFOA	413 > 368.7	2.77e4	4.27e4		0.1175	3.71		8.09	67.6	
22	62 Total PFOS	499 > 79.9	1.37e3	7.98e3		0.1175	3.96		2.14	17.4	

Dataset: U:\Q4.PRO\results\170815M1\170815M1-103.qld

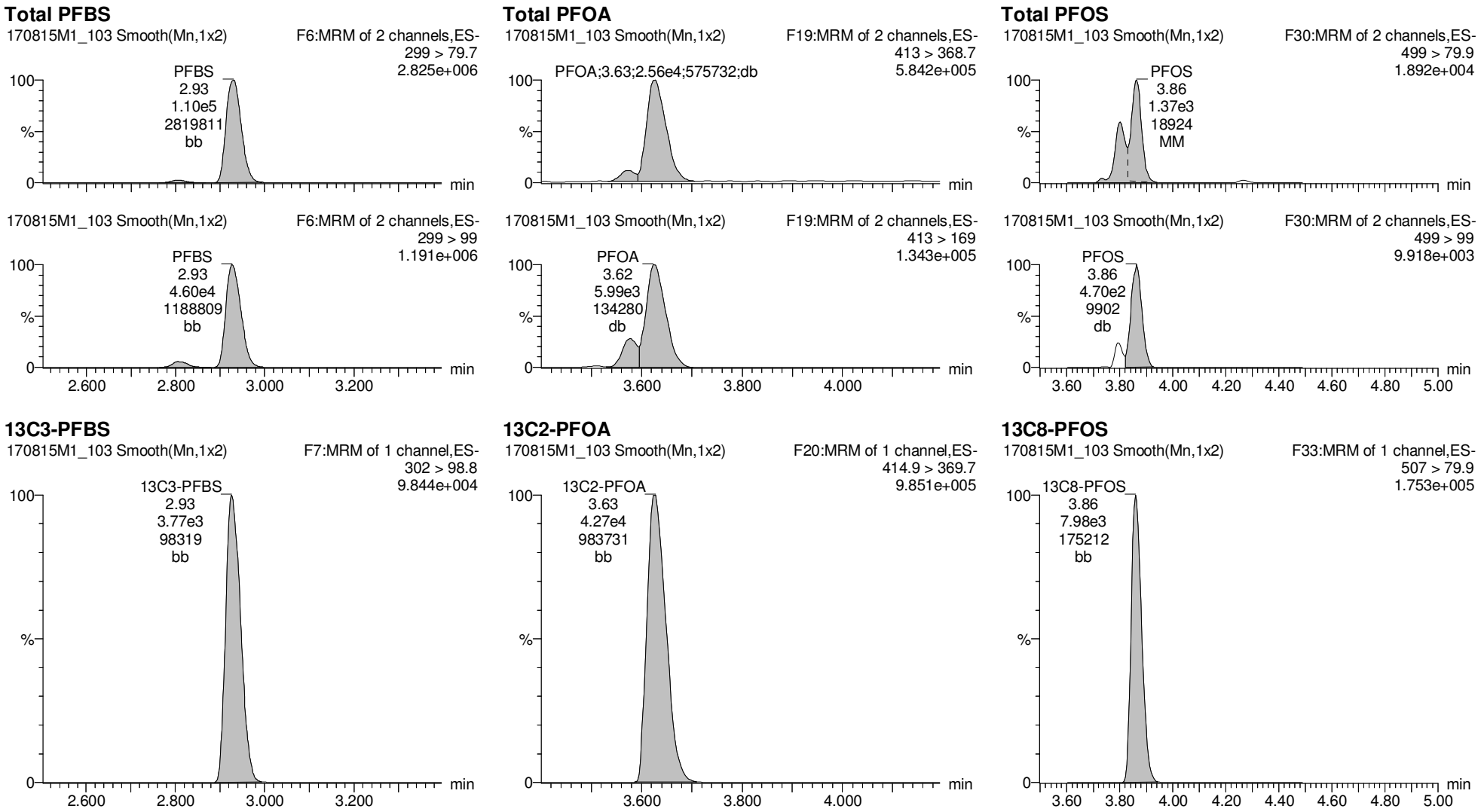
Last Altered: Wednesday, August 23, 2017 11:26:58 Pacific Daylight Time

Printed: Wednesday, August 23, 2017 11:27:38 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170815M1_103, Date: 16-Aug-2017, Time: 07:37:17, ID: 1701023-03 OUA1-MW08-20170807 0.1175, Description: OUA1-MW08-20170807

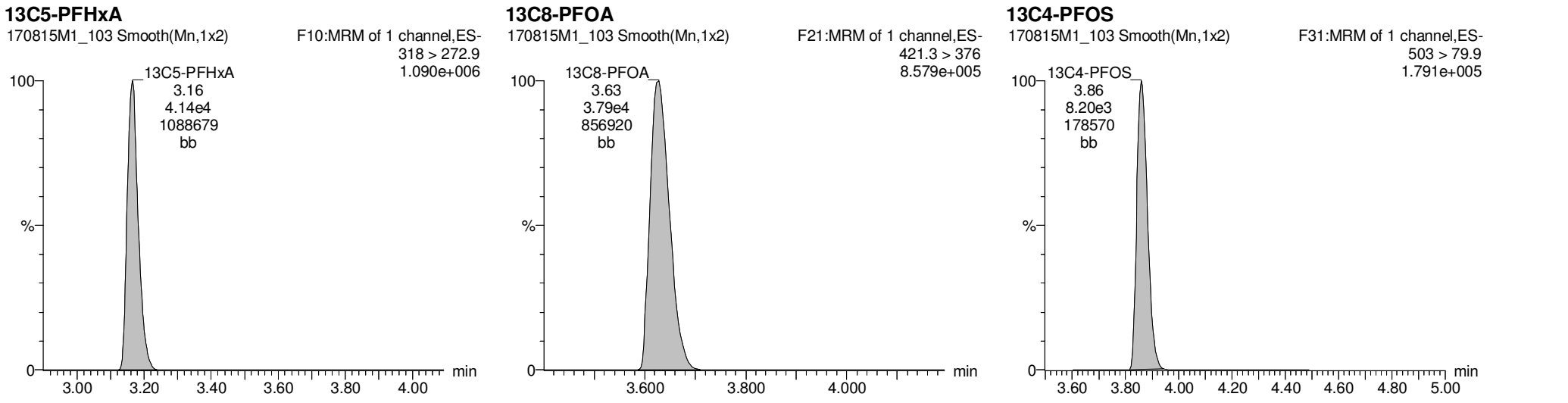


Dataset: U:\Q4.PRO\results\170815M1\170815M1-103.qld

Last Altered: Wednesday, August 23, 2017 11:26:58 Pacific Daylight Time

Printed: Wednesday, August 23, 2017 11:27:38 Pacific Daylight Time

Name: 170815M1_103, Date: 16-Aug-2017, Time: 07:37:17, ID: 1701023-03 OUA1-MW08-20170807 0.1175, Description: OUA1-MW08-20170807



Dataset: U:\Q4.PRO\results\170815M1\170815M1-104.qld

Last Altered: Wednesday, August 23, 2017 12:58:41 Pacific Daylight Time

Printed: Wednesday, August 23, 2017 12:59:05 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170815M1_104, Date: 16-Aug-2017, Time: 07:47:59, ID: 1701023-04 OUA1-HS03-20170807 0.11075, Description: OUA1-HS03-20170807

	# Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299 > 79.7	3.40e2	4.47e3		0.1108	3.06	2.93	0.950	4.06	
2	8 PFOA	413 > 368.7	9.51e2	4.12e4		0.1108	3.71	3.63	0.289	1.27	
3	12 PFOS	499 > 79.9	1.11e3	8.41e3		0.1108	3.96	3.87	1.65	14.2	
4	30 13C3-PFBS	302 > 98.8	4.47e3	4.62e4	0.033	0.1108	2.94	2.93	0.484	133	117.7
5	31 13C2-PFHxA	315 > 269.8	1.33e4	4.62e4	0.304	0.1108	3.14	3.16	1.44	42.7	94.7
6	32 13C4-PFHpA	367.2 > 321.8	3.12e4	4.62e4	0.384	0.1108	3.40	3.42	3.38	79.4	70.4
7	33 18O2-PFHxS	403 > 102.6	3.10e3	7.88e3	0.417	0.1108	3.47	3.49	4.91	106	94.3
8	34 13C2-6:2 FTS	429.1 > 408.9	6.12e3	4.00e4	0.202	0.1108	3.70	3.62	1.91	85.7	75.9
9	35 13C2-PFOA	414.9 > 369.7	4.12e4	4.00e4	1.132	0.1108	3.71	3.63	12.9	103	91.0
10	36 13C5-PFNA	468.2 > 422.9	3.68e4	4.12e4	0.946	0.1108	3.75	3.81	11.2	106	94.3
11	37 13C8-PFOSA	506.1 > 77.7	2.98e3	4.22e4	0.119	0.1108	3.79	3.82	0.881	66.6	59.0
12	38 13C8-PFOS	507 > 79.9	8.41e3	8.05e3	1.040	0.1108	3.84	3.86	13.1	113	100.4
13	52 13C5-PFHxA	318 > 272.9	4.62e4	4.62e4	1.000	0.1108	3.14	3.16	5.00	45.1	100.0
14	53 13C3-PFHxS	401.9 > 79.9	7.88e3	7.88e3	1.000	0.1108	3.47	3.49	12.5	113	100.0
15	54 13C8-PFOA	421.3 > 376	4.00e4	4.00e4	1.000	0.1108	3.71	3.63	12.5	113	100.0
16	55 13C9-PFNA	472.2 > 426.9	4.12e4	4.12e4	1.000	0.1108	3.79	3.81	12.5	113	100.0
17	56 13C4-PFOS	503 > 79.9	8.05e3	8.05e3	1.000	0.1108	3.84	3.86	12.5	113	100.0
18	57 13C6-PFDA	519.1 > 473.7	4.21e4	4.21e4	1.000	0.1108	3.95	3.98	12.5	113	100.0
19	58 13C7-PFUnA	570.1 > 524.8	4.22e4	4.22e4	1.000	0.1108	4.12	4.15	12.5	113	100.0
20	59 Total PFBS	299 > 79.7	3.40e2	4.47e3		0.1108	3.06		0.950	4.06	
21	61 Total PFOA	413 > 368.7	9.51e2	4.12e4		0.1108	3.71		0.289	1.27	
22	62 Total PFOS	499 > 79.9	1.11e3	8.41e3		0.1108	3.96		1.65	14.2	

Dataset: U:\Q4.PRO\results\170815M1\170815M1-104.qld

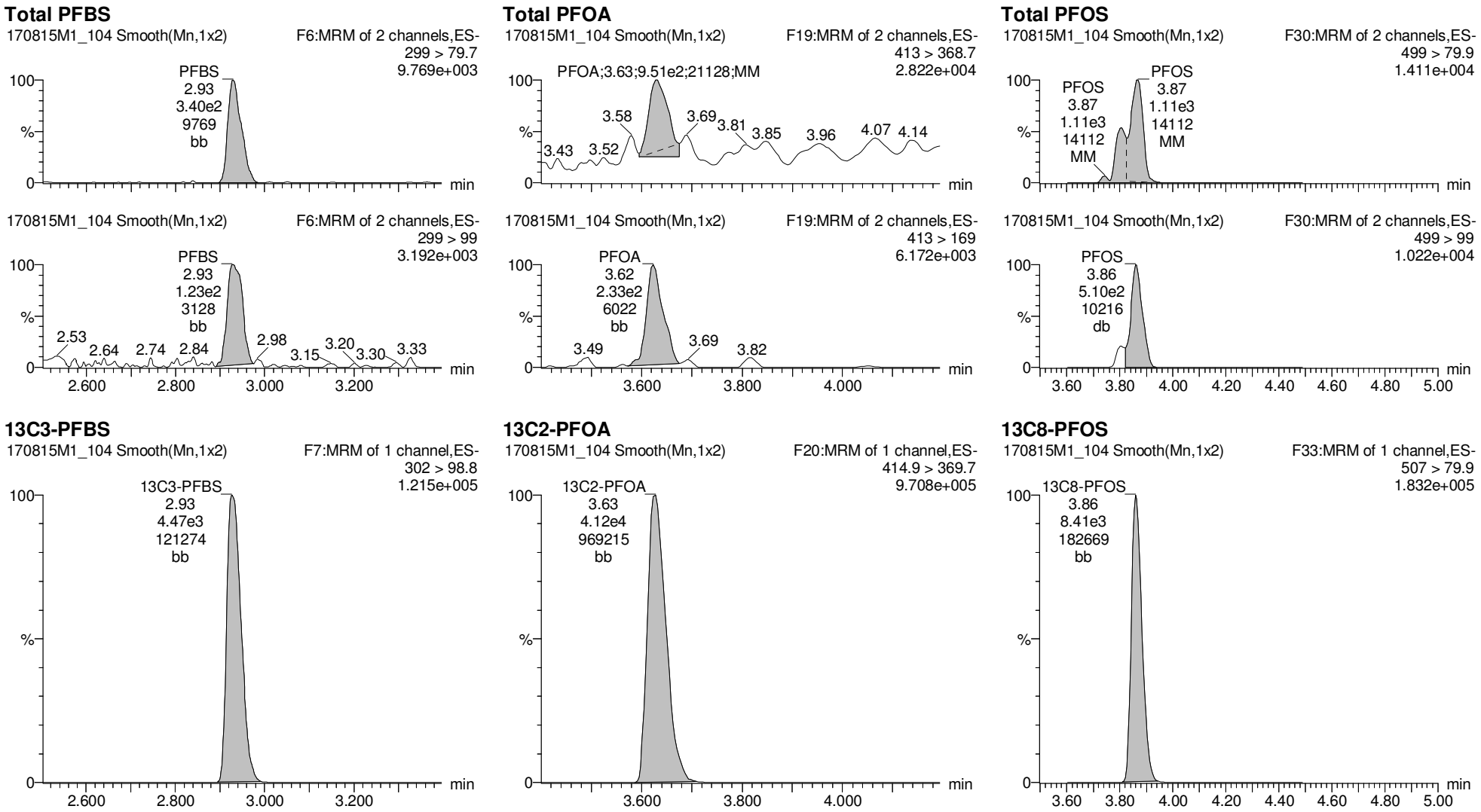
Last Altered: Wednesday, August 23, 2017 12:58:41 Pacific Daylight Time

Printed: Wednesday, August 23, 2017 12:59:05 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170815M1_104, Date: 16-Aug-2017, Time: 07:47:59, ID: 1701023-04 OUA1-HS03-20170807 0.11075, Description: OUA1-HS03-20170807

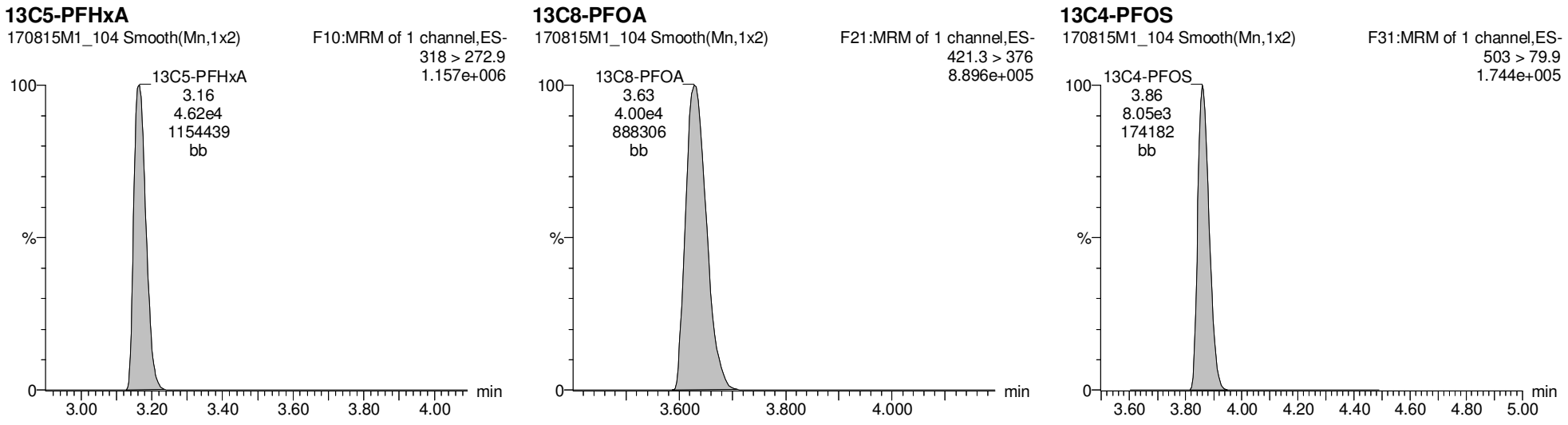


Dataset: U:\Q4.PRO\results\170815M1\170815M1-104.qld

Last Altered: Wednesday, August 23, 2017 12:58:41 Pacific Daylight Time

Printed: Wednesday, August 23, 2017 12:59:05 Pacific Daylight Time

Name: 170815M1_104, Date: 16-Aug-2017, Time: 07:47:59, ID: 1701023-04 OUA1-HS03-20170807 0.11075, Description: OUA1-HS03-20170807



Dataset: U:\Q4.PRO\results\170815M1\170815M1-105.qld

Last Altered: Wednesday, August 23, 2017 13:04:53 Pacific Daylight Time

Printed: Wednesday, August 23, 2017 13:05:15 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170815M1_105, Date: 16-Aug-2017, Time: 07:58:42, ID: 1701023-05 EB02-20170808 0.11203, Description: EB02-20170808

	# Name	Trace	Area	IS Area	RRF	Divisor1	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3 PFBS	299 > 79.7		4.52e3		0.1120	3.06				
2	8 PFOA	413 > 368.7		3.63e4		0.1120	3.71				
3	12 PFOS	499 > 79.9		7.13e3		0.1120	3.96				
4	30 13C3-PFBS	302 > 98.8	4.52e3	4.48e4	0.033	0.1120	2.94	2.93	0.505	137	122.9
5	31 13C2-PFHxA	315 > 269.8	1.24e4	4.48e4	0.304	0.1120	3.14	3.17	1.38	40.6	90.9
6	32 13C4-PFHpA	367.2 > 321.8	2.88e4	4.48e4	0.384	0.1120	3.40	3.42	3.21	74.6	66.9
7	33 18O2-PFHxS	403 > 102.6	3.03e3	7.62e3	0.417	0.1120	3.47	3.50	4.98	106	95.4
8	34 13C2-6:2 FTS	429.1 > 408.9	5.78e3	3.85e4	0.202	0.1120	3.70	3.62	1.88	83.0	74.4
9	35 13C2-PFOA	414.9 > 369.7	3.63e4	3.85e4	1.132	0.1120	3.71	3.63	11.8	92.9	83.2
10	36 13C5-PFNA	468.2 > 422.9	3.39e4	4.15e4	0.946	0.1120	3.75	3.81	10.2	96.3	86.3
11	37 13C8-PFOSA	506.1 > 77.7	2.53e3	4.06e4	0.119	0.1120	3.79	3.82	0.778	58.1	52.1
12	38 13C8-PFOS	507 > 79.9	7.13e3	7.44e3	1.040	0.1120	3.84	3.86	12.0	103	92.2
13	52 13C5-PFHxA	318 > 272.9	4.48e4	4.48e4	1.000	0.1120	3.14	3.17	5.00	44.6	100.0
14	53 13C3-PFHxS	401.9 > 79.9	7.62e3	7.62e3	1.000	0.1120	3.47	3.50	12.5	112	100.0
15	54 13C8-PFOA	421.3 > 376	3.85e4	3.85e4	1.000	0.1120	3.71	3.62	12.5	112	100.0
16	55 13C9-PFNA	472.2 > 426.9	4.15e4	4.15e4	1.000	0.1120	3.79	3.81	12.5	112	100.0
17	56 13C4-PFOS	503 > 79.9	7.44e3	7.44e3	1.000	0.1120	3.84	3.86	12.5	112	100.0
18	57 13C6-PFDA	519.1 > 473.7	4.19e4	4.19e4	1.000	0.1120	3.95	3.98	12.5	112	100.0
19	58 13C7-PFUnA	570.1 > 524.8	4.06e4	4.06e4	1.000	0.1120	4.12	4.15	12.5	112	100.0
20	59 Total PFBS	299 > 79.7	0.00e0	4.52e3		0.1120	3.06		0.000		
21	61 Total PFOA	413 > 368.7	0.00e0	3.63e4		0.1120	3.71		0.000		
22	62 Total PFOS	499 > 79.9	0.00e0	7.13e3		0.1120	3.96		0.000		

Dataset: U:\Q4.PRO\results\170815M1\170815M1-105.qld

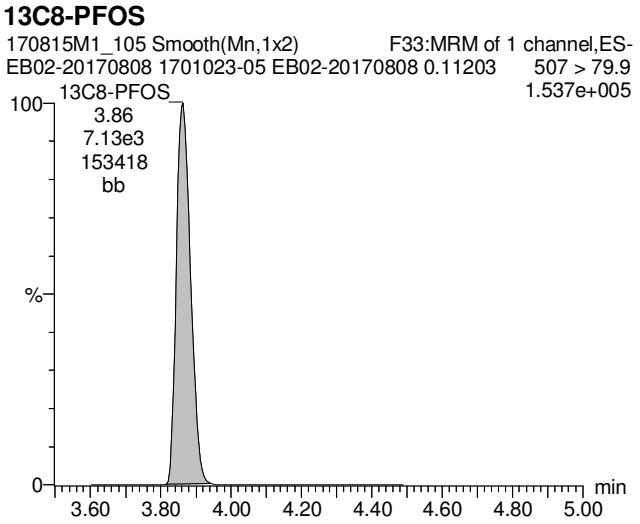
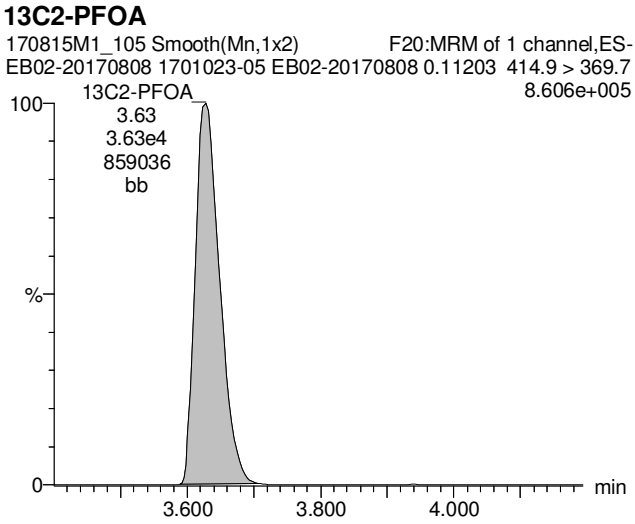
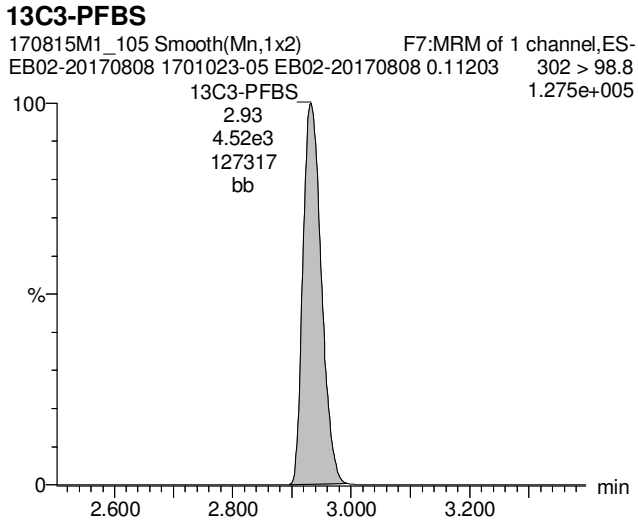
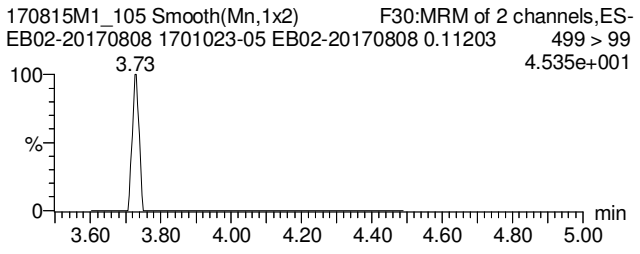
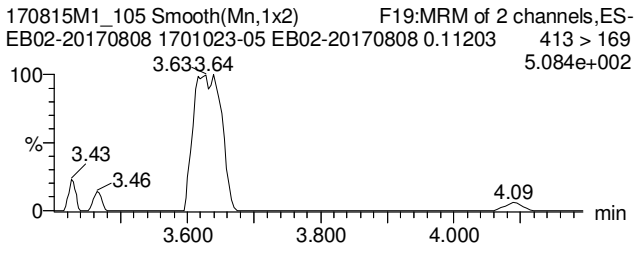
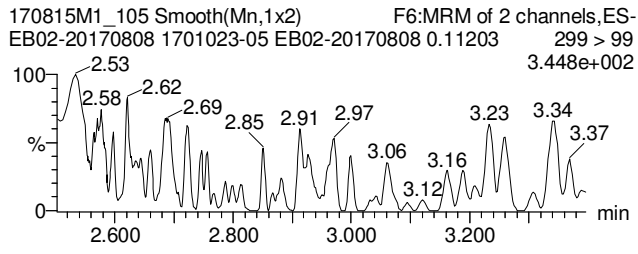
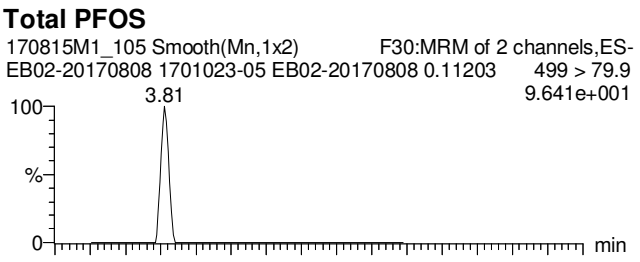
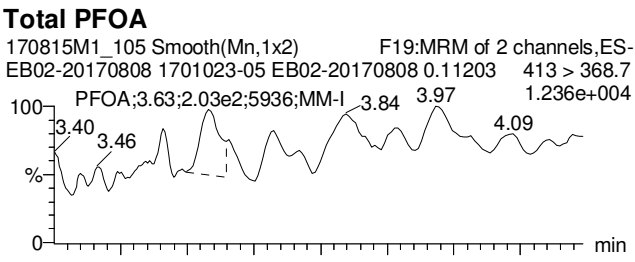
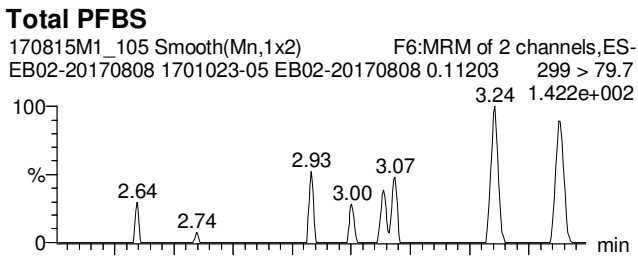
Last Altered: Wednesday, August 23, 2017 13:04:53 Pacific Daylight Time

Printed: Wednesday, August 23, 2017 13:05:15 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170815M1_105, Date: 16-Aug-2017, Time: 07:58:42, ID: 1701023-05 EB02-20170808 0.11203, Description: EB02-20170808

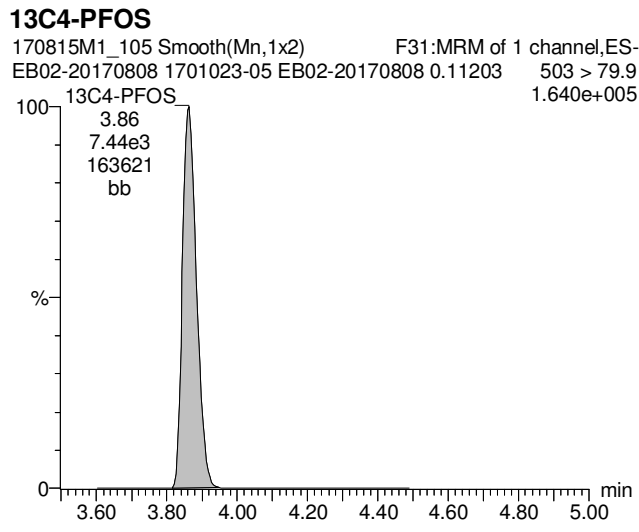
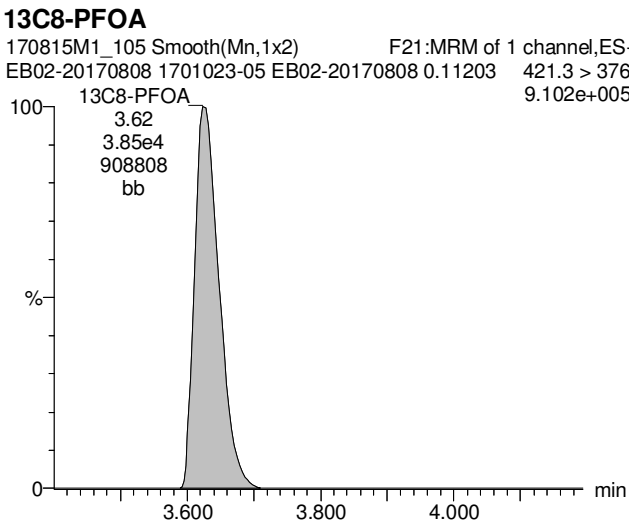
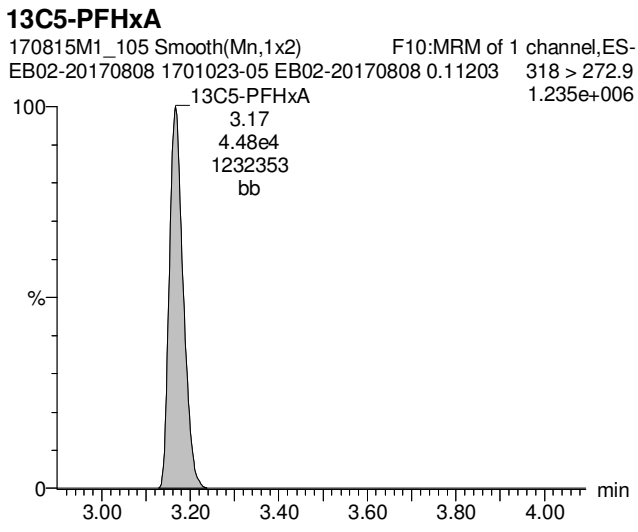


Dataset: U:\Q4.PRO\results\170815M1\170815M1-105.qld

Last Altered: Wednesday, August 23, 2017 13:04:53 Pacific Daylight Time

Printed: Wednesday, August 23, 2017 13:05:15 Pacific Daylight Time

Name: 170815M1_105, Date: 16-Aug-2017, Time: 07:58:42, ID: 1701023-05 EB02-20170808 0.11203, Description: EB02-20170808



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

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_RS=only.mdb 11 Aug 2017 12:16:30

Calibration: 16 Aug 2017 15:24:31

Name: 170815M1_2, Date: 15-Aug-2017, Time: 13:07:55, ID: ST170815M1-1 PFC CS0 17H1302, Description: PFC CS0 17H1302

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	ST170...	4.66e4	100.0	NO
2	2	13C3-PFHxS	ST170...	1.18e4	100.0	NO
3	3	13C8-PFOA	ST170...	5.87e4	100.0	NO
4	4	13C9-PFNA	ST170...	6.58e4	100.0	NO
5	5	13C4-PFOS	ST170...	1.28e4	100.0	NO
6	6	13C6-PFDA	ST170...	5.91e4	100.0	NO
7	7	13C7-PFUnA	ST170...	6.85e4	100.0	NO

Name: 170815M1_3, Date: 15-Aug-2017, Time: 13:23:17, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA	6.70e0	0.0	NO
7	7	13C7-PFUnA	IPA			NO

Name: 170815M1_4, Date: 15-Aug-2017, Time: 13:34:04, ID: B7H0078-BS1 OPR 0.125, Description: OPR

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	1.27e4	27.3	YES
2	2	13C3-PFHxS	B7H00...	2.14e3	18.1	YES
3	3	13C8-PFOA	B7H00...	9.78e3	16.6	YES
4	4	13C9-PFNA	B7H00...	1.27e4	19.3	YES
5	5	13C4-PFOS	B7H00...	1.96e3	15.3	YES
6	6	13C6-PFDA	B7H00...	1.09e4	18.5	YES
7	7	13C7-PFUnA	B7H00...	1.05e4	15.3	YES

Name: 170815M1_5, Date: 15-Aug-2017, Time: 13:44:42, ID: IPA, Description: IPA

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

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_6, Date: 15-Aug-2017, Time: 13:59:37, ID: B7H0078-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	1.23e4	26.4	YES
2	2	13C3-PFHxS	B7H00...	1.77e3	15.0	YES
3	3	13C8-PFOA	B7H00...	8.78e3	15.0	YES
4	4	13C9-PFNA	B7H00...	1.06e4	16.1	YES
5	5	13C4-PFOS	B7H00...	1.65e3	12.9	YES
6	6	13C6-PFDA	B7H00...	9.66e3	16.3	YES
7	7	13C7-PFUnA	B7H00...	9.39e3	13.7	YES

Name: 170815M1_7, Date: 15-Aug-2017, Time: 14:10:12, ID: B7H0078-MS1 Matrix Spike 0.125, Description: Matrix Spike

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	1.26e4	27.0	YES
2	2	13C3-PFHxS	B7H00...	1.86e3	15.7	YES
3	3	13C8-PFOA	B7H00...	9.75e3	16.6	YES
4	4	13C9-PFNA	B7H00...	1.15e4	17.6	YES
5	5	13C4-PFOS	B7H00...	1.76e3	13.7	YES
6	6	13C6-PFDA	B7H00...	1.00e4	16.9	YES
7	7	13C7-PFUnA	B7H00...	9.42e3	13.7	YES

Name: 170815M1_8, Date: 15-Aug-2017, Time: 14:20:50, ID: B7H0078-MSD1 Matrix Spike Dup 0.125, Description: Matrix Spike Dup

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	1.22e4	26.2	YES
2	2	13C3-PFHxS	B7H00...	1.79e3	15.2	YES
3	3	13C8-PFOA	B7H00...	9.30e3	15.8	YES
4	4	13C9-PFNA	B7H00...	1.05e4	16.0	YES
5	5	13C4-PFOS	B7H00...	2.12e3	16.5	YES
6	6	13C6-PFDA	B7H00...	1.19e4	20.1	YES
7	7	13C7-PFUnA	B7H00...	1.11e4	16.1	YES

Name: 170815M1_9, Date: 15-Aug-2017, Time: 14:41:59, ID: 1700907-04RE1@20 AT028-MW17-06-071717-1300 0.12053, Description: AT028-MW17-06-071717-1300

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	4.80e2	1029.1	YES
2	2	13C3-PFHxS	17009...	5.43e1	459.1	YES
3	3	13C8-PFOA	17009...	3.53e2	600.9	YES
4	4	13C9-PFNA	17009...	4.36e2	662.9	YES
5	5	13C4-PFOS	17009...	5.09e1	397.6	YES
6	6	13C6-PFDA	17009...	3.39e2	573.1	YES
7	7	13C7-PFUnA	17009...	3.51e2	512.9	YES

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_10, Date: 15-Aug-2017, Time: 14:52:38, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA	6.27e0	0.0	NO
7	7	13C7-PFUnA	IPA	2.11e1	0.0	NO

Name: 170815M1_11, Date: 15-Aug-2017, Time: 15:03:16, ID: 1700862-01RE1 WS 252 0.00025, Description: WS 252

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17008...	1.15e4	24.6	YES
2	2	13C3-PFHxS	17008...	1.64e3	13.9	YES
3	3	13C8-PFOA	17008...	9.23e3	15.7	YES
4	4	13C9-PFNA	17008...	9.78e3	14.9	YES
5	5	13C4-PFOS	17008...	1.85e3	14.5	YES
6	6	13C6-PFDA	17008...	1.10e4	18.6	YES
7	7	13C7-PFUnA	17008...	1.09e4	15.9	YES

Name: 170815M1_12, Date: 15-Aug-2017, Time: 15:13:54, ID: 1700907-04RE1 AT028-MW17-06-071717-1300 0.12053, Description: AT028-MW17-06-071717-1300

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	1.03e4	22.1	YES
2	2	13C3-PFHxS	17009...	1.33e3	11.2	YES
3	3	13C8-PFOA	17009...	8.64e3	14.7	YES
4	4	13C9-PFNA	17009...	9.20e3	14.0	YES
5	5	13C4-PFOS	17009...	1.54e3	12.1	YES
6	6	13C6-PFDA	17009...	9.71e3	16.4	YES
7	7	13C7-PFUnA	17009...	1.01e4	14.8	YES

Name: 170815M1_13, Date: 15-Aug-2017, Time: 15:24:33, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	7.97e0	0.0	NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_14, Date: 15-Aug-2017, Time: 15:35:11, ID: 1701031-01 BANGR-03-GW-TW03-080817 0.125,
Description: BANGR-03-GW-TW03-080817

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	1.06e4	22.7	YES
2	2	13C3-PFHxS	17010...	1.22e3	10.3	YES
3	3	13C8-PFOA	17010...	9.19e3	15.7	YES
4	4	13C9-PFNA	17010...	1.11e4	16.8	YES
5	5	13C4-PFOS	17010...	1.65e3	12.9	YES
6	6	13C6-PFDA	17010...	1.22e4	20.6	YES
7	7	13C7-PFUnA	17010...	8.56e3	12.5	YES

Name: 170815M1_15, Date: 15-Aug-2017, Time: 15:45:50, ID: 1701031-02 BANGR-05-GW-TW05-080817 0.125,
Description: BANGR-05-GW-TW05-080817

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	1.21e4	26.0	YES
2	2	13C3-PFHxS	17010...	1.90e3	16.0	YES
3	3	13C8-PFOA	17010...	1.07e4	18.2	YES
4	4	13C9-PFNA	17010...	1.08e4	16.5	YES
5	5	13C4-PFOS	17010...	2.03e3	15.8	YES
6	6	13C6-PFDA	17010...	1.11e4	18.8	YES
7	7	13C7-PFUnA	17010...	1.12e4	16.4	YES

Name: 170815M1_16, Date: 15-Aug-2017, Time: 15:56:28, ID: 1701031-03 BANGR-06-GW-TW06-080917 0.125,
Description: BANGR-06-GW-TW06-080917

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	1.25e4	26.8	YES
2	2	13C3-PFHxS	17010...	1.87e3	15.8	YES
3	3	13C8-PFOA	17010...	1.01e4	17.2	YES
4	4	13C9-PFNA	17010...	1.20e4	18.2	YES
5	5	13C4-PFOS	17010...	2.02e3	15.8	YES
6	6	13C6-PFDA	17010...	1.02e4	17.3	YES
7	7	13C7-PFUnA	17010...	9.79e3	14.3	YES

Name: 170815M1_17, Date: 15-Aug-2017, Time: 16:07:21, ID: 1701031-04 BANGR-12-GW-TW12-080817 0.125,
Description: BANGR-12-GW-TW12-080817

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	9.69e3	20.8	YES
2	2	13C3-PFHxS	17010...	1.29e3	10.9	YES
3	3	13C8-PFOA	17010...	8.56e3	14.6	YES
4	4	13C9-PFNA	17010...	9.60e3	14.6	YES
5	5	13C4-PFOS	17010...	1.12e3	8.7	YES
6	6	13C6-PFDA	17010...	1.07e4	18.1	YES
7	7	13C7-PFUnA	17010...	1.03e4	15.0	YES

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_18, Date: 15-Aug-2017, Time: 16:18:34, ID: 1701034-01 SB01-20170808 0.125, Description: SB01-20170808

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	1.05e4	22.6	YES
2	2	13C3-PFHxS	17010...	1.53e3	12.9	YES
3	3	13C8-PFOA	17010...	8.52e3	14.5	YES
4	4	13C9-PFNA	17010...	1.01e4	15.4	YES
5	5	13C4-PFOS	17010...	1.45e3	11.3	YES
6	6	13C6-PFDA	17010...	8.77e3	14.8	YES
7	7	13C7-PFUnA	17010...	1.01e4	14.8	YES

Name: 170815M1_19, Date: 15-Aug-2017, Time: 16:29:12, ID: 1701034-02 Site1-GW-01TW03-20170808 0.125, Description: Site1-GW-01TW03-20170808

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	1.13e4	24.2	YES
2	2	13C3-PFHxS	17010...	1.66e3	14.0	YES
3	3	13C8-PFOA	17010...	9.48e3	16.1	YES
4	4	13C9-PFNA	17010...	1.07e4	16.3	YES
5	5	13C4-PFOS	17010...	1.74e3	13.6	YES
6	6	13C6-PFDA	17010...	1.17e4	19.9	YES
7	7	13C7-PFUnA	17010...	1.26e4	18.5	YES

Name: 170815M1_20, Date: 15-Aug-2017, Time: 16:39:51, ID: 1701034-03 Site1-GW-01TW01-20170808 0.125, Description: Site1-GW-01TW01-20170808

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	1.14e4	24.5	YES
2	2	13C3-PFHxS	17010...	1.83e3	15.5	YES
3	3	13C8-PFOA	17010...	9.64e3	16.4	YES
4	4	13C9-PFNA	17010...	9.96e3	15.2	YES
5	5	13C4-PFOS	17010...	1.84e3	14.4	YES
6	6	13C6-PFDA	17010...	9.65e3	16.3	YES
7	7	13C7-PFUnA	17010...	9.78e3	14.3	YES

Name: 170815M1_21, Date: 15-Aug-2017, Time: 16:50:29, ID: 1701034-04 Site1-GW-FD01-20170808 0.125, Description: Site1-GW-FD01-20170808

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	1.09e4	23.4	YES
2	2	13C3-PFHxS	17010...	1.81e3	15.3	YES
3	3	13C8-PFOA	17010...	8.45e3	14.4	YES
4	4	13C9-PFNA	17010...	1.08e4	16.4	YES
5	5	13C4-PFOS	17010...	1.69e3	13.2	YES
6	6	13C6-PFDA	17010...	9.66e3	16.4	YES
7	7	13C7-PFUnA	17010...	9.99e3	14.6	YES

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_22, Date: 15-Aug-2017, Time: 17:01:07, ID: 1701034-05 EB01-20170808 0.125, Description: EB01-20170808

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	1.00e4	21.5	YES
2	2	13C3-PFHxS	17010...	1.62e3	13.7	YES
3	3	13C8-PFOA	17010...	8.05e3	13.7	YES
4	4	13C9-PFNA	17010...	1.01e4	15.4	YES
5	5	13C4-PFOS	17010...	1.61e3	12.6	YES
6	6	13C6-PFDA	17010...	9.70e3	16.4	YES
7	7	13C7-PFUnA	17010...	1.06e4	15.5	YES

Name: 170815M1_23, Date: 15-Aug-2017, Time: 17:18:19, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	1.36e1	0.0	NO

Name: 170815M1_24, Date: 15-Aug-2017, Time: 17:28:57, ID: ST170815M1-2 PFC CS3 17H1301, Description: PFC CS3 17H1301

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	ST170...	5.29e4	113.6	NO
2	2	13C3-PFHxS	ST170...	1.26e4	106.6	NO
3	3	13C8-PFOA	ST170...	6.51e4	110.7	NO
4	4	13C9-PFNA	ST170...	8.24e4	125.3	NO
5	5	13C4-PFOS	ST170...	1.31e4	102.2	NO
6	6	13C6-PFDA	ST170...	7.54e4	127.6	NO
7	7	13C7-PFUnA	ST170...	7.76e4	113.3	NO

Name: 170815M1_25, Date: 15-Aug-2017, Time: 17:39:44, ID: IPA, Description: IPA

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

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_26, Date: 15-Aug-2017, Time: 17:50:22, ID: 1701034-06 Site1-GW-01TW02-20170808 0.125, Description: Site1-GW-01TW02-20170808

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	4.60e4	98.7	NO
2	2	13C3-PFHxS	17010...	7.58e3	64.1	NO
3	3	13C8-PFOA	17010...	3.82e4	65.0	NO
4	4	13C9-PFNA	17010...	4.50e4	68.4	NO
5	5	13C4-PFOS	17010...	7.02e3	54.8	NO
6	6	13C6-PFDA	17010...	4.68e4	79.3	NO
7	7	13C7-PFUnA	17010...	4.41e4	64.4	NO

Name: 170815M1_27, Date: 15-Aug-2017, Time: 18:01:00, ID: 1701038-01 OC-PFC-MW04R-0817 0.125, Description: OC-PFC-MW04R-0817

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	4.78e4	102.5	NO
2	2	13C3-PFHxS	17010...	7.87e3	66.5	NO
3	3	13C8-PFOA	17010...	4.13e4	70.3	NO
4	4	13C9-PFNA	17010...	3.87e4	58.8	NO
5	5	13C4-PFOS	17010...	7.77e3	60.7	NO
6	6	13C6-PFDA	17010...	4.38e4	74.2	NO
7	7	13C7-PFUnA	17010...	4.06e4	59.3	NO

Name: 170815M1_28, Date: 15-Aug-2017, Time: 18:11:47, ID: 1701038-02 OC-PFC-EB081017 0.125, Description: OC-PFC-EB081017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	4.90e4	105.1	NO
2	2	13C3-PFHxS	17010...	7.46e3	63.1	NO
3	3	13C8-PFOA	17010...	4.05e4	68.9	NO
4	4	13C9-PFNA	17010...	4.35e4	66.1	NO
5	5	13C4-PFOS	17010...	8.02e3	62.7	NO
6	6	13C6-PFDA	17010...	4.00e4	67.7	NO
7	7	13C7-PFUnA	17010...	4.33e4	63.2	NO

Name: 170815M1_29, Date: 15-Aug-2017, Time: 18:22:33, ID: B7H0035-BS1 OPR 0.125, Description: OPR

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.14e4	131.7	NO
2	2	13C3-PFHxS	B7H00...	9.11e3	77.0	NO
3	3	13C8-PFOA	B7H00...	5.12e4	87.2	NO
4	4	13C9-PFNA	B7H00...	5.30e4	80.5	NO
5	5	13C4-PFOS	B7H00...	7.62e3	59.5	NO
6	6	13C6-PFDA	B7H00...	3.88e4	65.7	NO
7	7	13C7-PFUnA	B7H00...	2.05e4	30.0	YES

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_30, Date: 15-Aug-2017, Time: 18:33:20, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	1.35e1	0.0	NO

Name: 170815M1_31, Date: 15-Aug-2017, Time: 18:43:59, ID: B7H0035-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.36e4	136.5	NO
2	2	13C3-PFHxS	B7H00...	9.50e3	80.3	NO
3	3	13C8-PFOA	B7H00...	5.06e4	86.1	NO
4	4	13C9-PFNA	B7H00...	5.81e4	88.3	NO
5	5	13C4-PFOS	B7H00...	8.62e3	67.3	NO
6	6	13C6-PFDA	B7H00...	4.23e4	71.6	NO
7	7	13C7-PFUnA	B7H00...	2.66e4	38.8	YES

Name: 170815M1_32, Date: 15-Aug-2017, Time: 18:54:37, ID: B7H0035-MS1 Matrix Spike 0.11511, Description: Matrix Spike

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	5.59e4	119.8	NO
2	2	13C3-PFHxS	B7H00...	8.45e3	71.4	NO
3	3	13C8-PFOA	B7H00...	4.70e4	79.9	NO
4	4	13C9-PFNA	B7H00...	5.39e4	82.0	NO
5	5	13C4-PFOS	B7H00...	7.73e3	60.4	NO
6	6	13C6-PFDA	B7H00...	4.57e4	77.4	NO
7	7	13C7-PFUnA	B7H00...	2.89e4	42.2	YES

Name: 170815M1_33, Date: 15-Aug-2017, Time: 19:05:15, ID: B7H0035-MSD1 Matrix Spike Dup 0.11806, Description: Matrix Spike Dup

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.37e4	136.6	NO
2	2	13C3-PFHxS	B7H00...	9.55e3	80.7	NO
3	3	13C8-PFOA	B7H00...	5.12e4	87.2	NO
4	4	13C9-PFNA	B7H00...	6.15e4	93.5	NO
5	5	13C4-PFOS	B7H00...	8.55e3	66.8	NO
6	6	13C6-PFDA	B7H00...	5.41e4	91.6	NO
7	7	13C7-PFUnA	B7H00...	3.55e4	51.8	NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_34, Date: 15-Aug-2017, Time: 19:16:10, ID: 1700980-01 IR09MW61A-080217 0.10744,
Description: IR09MW61A-080217

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.38e4	137.0	NO
2	2	13C3-PFHxS	17009...	9.56e3	80.8	NO
3	3	13C8-PFOA	17009...	5.30e4	90.2	NO
4	4	13C9-PFNA	17009...	5.52e4	84.0	NO
5	5	13C4-PFOS	17009...	8.47e3	66.2	NO
6	6	13C6-PFDA	17009...	5.02e4	84.9	NO
7	7	13C7-PFUnA	17009...	3.69e4	53.8	NO

Name: 170815M1_35, Date: 15-Aug-2017, Time: 19:27:30, ID: 1700980-02 IR09MW62A-080217 0.11271,
Description: IR09MW62A-080217

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.86e4	147.2	NO
2	2	13C3-PFHxS	17009...	9.56e3	80.8	NO
3	3	13C8-PFOA	17009...	5.43e4	92.4	NO
4	4	13C9-PFNA	17009...	5.98e4	91.0	NO
5	5	13C4-PFOS	17009...	8.66e3	67.6	NO
6	6	13C6-PFDA	17009...	5.18e4	87.7	NO
7	7	13C7-PFUnA	17009...	3.65e4	53.3	NO

Name: 170815M1_36, Date: 15-Aug-2017, Time: 19:38:09, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA	1.14e1	0.0	YES
7	7	13C7-PFUnA	IPA			NO

Name: 170815M1_37, Date: 15-Aug-2017, Time: 19:48:46, ID: 1700980-03 IR09P040A-080217 0.11721,
Description: IR09P040A-080217

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	5.54e4	118.8	NO
2	2	13C3-PFHxS	17009...	8.57e3	72.5	NO
3	3	13C8-PFOA	17009...	4.70e4	80.0	NO
4	4	13C9-PFNA	17009...	5.33e4	81.1	NO
5	5	13C4-PFOS	17009...	7.75e3	60.5	NO
6	6	13C6-PFDA	17009...	4.05e4	68.6	NO
7	7	13C7-PFUnA	17009...	2.83e4	41.3	YES

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_38, Date: 15-Aug-2017, Time: 19:59:33, ID: 1700980-04 IR10MW28A-080217 0.1175, Description: IR10MW28A-080217

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.45e4	138.3	NO
2	2	13C3-PFHxS	17009...	9.99e3	84.4	NO
3	3	13C8-PFOA	17009...	5.38e4	91.6	NO
4	4	13C9-PFNA	17009...	5.84e4	88.8	NO
5	5	13C4-PFOS	17009...	9.60e3	75.0	NO
6	6	13C6-PFDA	17009...	5.56e4	94.2	NO
7	7	13C7-PFUnA	17009...	5.09e4	74.3	NO

Name: 170815M1_39, Date: 15-Aug-2017, Time: 20:10:11, ID: 1700980-05 080217-FB-01 0.12184, Description: 080217-FB-01

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.17e4	132.4	NO
2	2	13C3-PFHxS	17009...	9.47e3	80.0	NO
3	3	13C8-PFOA	17009...	5.14e4	87.6	NO
4	4	13C9-PFNA	17009...	5.69e4	86.5	NO
5	5	13C4-PFOS	17009...	8.24e3	64.4	NO
6	6	13C6-PFDA	17009...	5.02e4	85.0	NO
7	7	13C7-PFUnA	17009...	3.43e4	50.1	NO

Name: 170815M1_40, Date: 15-Aug-2017, Time: 20:20:58, ID: 1700980-06 IR10MW13A1-080217 0.12103, Description: IR10MW13A1-080217

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	7.27e4	156.0	YES
2	2	13C3-PFHxS	17009...	1.04e4	88.1	NO
3	3	13C8-PFOA	17009...	5.83e4	99.3	NO
4	4	13C9-PFNA	17009...	5.78e4	87.9	NO
5	5	13C4-PFOS	17009...	9.31e3	72.7	NO
6	6	13C6-PFDA	17009...	4.88e4	82.6	NO
7	7	13C7-PFUnA	17009...	4.21e4	61.4	NO

Name: 170815M1_41, Date: 15-Aug-2017, Time: 20:31:46, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	1.99e1	0.0	NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_42, Date: 15-Aug-2017, Time: 20:42:31, ID: ST170815M1-3 PFC CS3 17H1301, Description: PFC CS3 17H1301

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	ST170...	5.71e4	122.4	NO
2	2	13C3-PFHxS	ST170...	1.32e4	112.0	NO
3	3	13C8-PFOA	ST170...	7.80e4	132.7	NO
4	4	13C9-PFNA	ST170...	8.00e4	121.6	NO
5	5	13C4-PFOS	ST170...	1.33e4	103.6	NO
6	6	13C6-PFDA	ST170...	7.93e4	134.1	NO
7	7	13C7-PFUnA	ST170...	8.60e4	125.5	NO

Name: 170815M1_43, Date: 15-Aug-2017, Time: 20:53:17, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	1.79e1	0.0	NO

Name: 170815M1_44, Date: 15-Aug-2017, Time: 21:03:56, ID: 1700980-07 IR10MW31A1-080217 0.12279, Description: IR10MW31A1-080217

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.43e4	138.0	NO
2	2	13C3-PFHxS	17009...	1.01e4	85.7	NO
3	3	13C8-PFOA	17009...	5.52e4	94.0	NO
4	4	13C9-PFNA	17009...	5.70e4	86.6	NO
5	5	13C4-PFOS	17009...	8.92e3	69.7	NO
6	6	13C6-PFDA	17009...	5.04e4	85.3	NO
7	7	13C7-PFUnA	17009...	3.57e4	52.1	NO

Name: 170815M1_45, Date: 15-Aug-2017, Time: 21:14:34, ID: 1700980-08 IR10MW31A1-080217-D 0.11964, Description: IR10MW31A1-080217-D

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.61e4	141.8	NO
2	2	13C3-PFHxS	17009...	1.05e4	88.7	NO
3	3	13C8-PFOA	17009...	5.63e4	95.8	NO
4	4	13C9-PFNA	17009...	6.26e4	95.2	NO
5	5	13C4-PFOS	17009...	9.42e3	73.6	NO
6	6	13C6-PFDA	17009...	5.54e4	93.8	NO
7	7	13C7-PFUnA	17009...	4.31e4	62.9	NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_46, Date: 15-Aug-2017, Time: 21:25:13, ID: 1700980-09 080217-ER-01 0.11911, Description: 080217-ER-01

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	5.93e4	127.2	NO
2	2	13C3-PFHxS	17009...	9.24e3	78.1	NO
3	3	13C8-PFOA	17009...	4.66e4	79.3	NO
4	4	13C9-PFNA	17009...	4.61e4	70.1	NO
5	5	13C4-PFOS	17009...	7.99e3	62.4	NO
6	6	13C6-PFDA	17009...	4.51e4	76.3	NO
7	7	13C7-PFUnA	17009...	3.65e4	53.2	NO

Name: 170815M1_47, Date: 15-Aug-2017, Time: 21:35:59, ID: 1700980-10 080217-SB-01 0.11909, Description: 080217-SB-01

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.02e4	129.2	NO
2	2	13C3-PFHxS	17009...	9.83e3	83.1	NO
3	3	13C8-PFOA	17009...	4.63e4	78.8	NO
4	4	13C9-PFNA	17009...	5.83e4	88.7	NO
5	5	13C4-PFOS	17009...	8.20e3	64.1	NO
6	6	13C6-PFDA	17009...	5.00e4	84.6	NO
7	7	13C7-PFUnA	17009...	4.10e4	59.8	NO

Name: 170815M1_48, Date: 15-Aug-2017, Time: 21:46:46, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	5.13e0	0.0	YES

Name: 170815M1_49, Date: 15-Aug-2017, Time: 21:57:24, ID: B7H0066-BS1 OPR 0.125, Description: OPR

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	5.31e4	114.0	NO
2	2	13C3-PFHxS	B7H00...	9.32e3	78.8	NO
3	3	13C8-PFOA	B7H00...	4.48e4	76.2	NO
4	4	13C9-PFNA	B7H00...	5.15e4	78.3	NO
5	5	13C4-PFOS	B7H00...	1.00e4	78.1	NO
6	6	13C6-PFDA	B7H00...	4.67e4	79.1	NO
7	7	13C7-PFUnA	B7H00...	5.47e4	79.8	NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_50, Date: 15-Aug-2017, Time: 22:08:03, ID: B7H0069-BS1 OPR 0.25, Description: OPR

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.30e4	135.1	NO
2	2	13C3-PFHxS	B7H00...	9.97e3	84.3	NO
3	3	13C8-PFOA	B7H00...	5.13e4	87.3	NO
4	4	13C9-PFNA	B7H00...	5.76e4	87.5	NO
5	5	13C4-PFOS	B7H00...	9.80e3	76.5	NO
6	6	13C6-PFDA	B7H00...	5.67e4	96.0	NO
7	7	13C7-PFUnA	B7H00...	5.74e4	83.8	NO

Name: 170815M1_51, Date: 15-Aug-2017, Time: 22:18:41, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	1.87e1	0.0	NO

Name: 170815M1_52, Date: 15-Aug-2017, Time: 22:29:27, ID: B7H0066-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	5.95e4	127.5	NO
2	2	13C3-PFHxS	B7H00...	1.03e4	87.4	NO
3	3	13C8-PFOA	B7H00...	4.68e4	79.6	NO
4	4	13C9-PFNA	B7H00...	5.11e4	77.7	NO
5	5	13C4-PFOS	B7H00...	9.82e3	76.7	NO
6	6	13C6-PFDA	B7H00...	5.28e4	89.4	NO
7	7	13C7-PFUnA	B7H00...	4.72e4	68.9	NO

Name: 170815M1_53, Date: 15-Aug-2017, Time: 22:40:06, ID: B7H0069-BLK1 Method Blank 0.25, Description: Method Blank

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	7.26e4	155.7	YES
2	2	13C3-PFHxS	B7H00...	1.10e4	93.3	NO
3	3	13C8-PFOA	B7H00...	6.16e4	104.8	NO
4	4	13C9-PFNA	B7H00...	7.09e4	107.8	NO
5	5	13C4-PFOS	B7H00...	1.11e4	86.6	NO
6	6	13C6-PFDA	B7H00...	5.90e4	99.9	NO
7	7	13C7-PFUnA	B7H00...	5.84e4	85.2	NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_54, Date: 15-Aug-2017, Time: 22:50:52, ID: B7H0066-MS1 Matrix Spike 0.11555, Description: Matrix Spike

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.16e4	132.1	NO
2	2	13C3-PFHxS	B7H00...	1.08e4	91.2	NO
3	3	13C8-PFOA	B7H00...	4.83e4	82.2	NO
4	4	13C9-PFNA	B7H00...	5.87e4	89.2	NO
5	5	13C4-PFOS	B7H00...	9.86e3	77.0	NO
6	6	13C6-PFDA	B7H00...	5.52e4	93.4	NO
7	7	13C7-PFUnA	B7H00...	5.81e4	84.8	NO

Name: 170815M1_55, Date: 15-Aug-2017, Time: 23:01:39, ID: B7H0066-MSD1 Matrix Spike Dup 0.11567, Description: Matrix Spike Dup

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.92e4	148.4	NO
2	2	13C3-PFHxS	B7H00...	1.09e4	91.8	NO
3	3	13C8-PFOA	B7H00...	5.27e4	89.7	NO
4	4	13C9-PFNA	B7H00...	6.12e4	93.0	NO
5	5	13C4-PFOS	B7H00...	1.04e4	81.3	NO
6	6	13C6-PFDA	B7H00...	5.48e4	92.8	NO
7	7	13C7-PFUnA	B7H00...	5.96e4	86.9	NO

Name: 170815M1_56, Date: 15-Aug-2017, Time: 23:12:25, ID: B7H0066-MS2 Matrix Spike 0.11836, Description: Matrix Spike

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.88e4	147.7	NO
2	2	13C3-PFHxS	B7H00...	1.05e4	88.6	NO
3	3	13C8-PFOA	B7H00...	5.18e4	88.2	NO
4	4	13C9-PFNA	B7H00...	5.88e4	89.3	NO
5	5	13C4-PFOS	B7H00...	1.15e4	90.1	NO
6	6	13C6-PFDA	B7H00...	5.44e4	92.0	NO
7	7	13C7-PFUnA	B7H00...	6.06e4	88.5	NO

Name: 170815M1_57, Date: 15-Aug-2017, Time: 23:23:12, ID: B7H0066-MSD2 Matrix Spike Dup 0.11729, Description: Matrix Spike Dup

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.17e4	132.3	NO
2	2	13C3-PFHxS	B7H00...	1.02e4	86.0	NO
3	3	13C8-PFOA	B7H00...	4.82e4	82.0	NO
4	4	13C9-PFNA	B7H00...	6.21e4	94.4	NO
5	5	13C4-PFOS	B7H00...	1.05e4	81.9	NO
6	6	13C6-PFDA	B7H00...	5.02e4	84.9	NO
7	7	13C7-PFUnA	B7H00...	5.50e4	80.3	NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_58, Date: 15-Aug-2017, Time: 23:33:50, ID: B7H0069-MS1 Matrix Spike 0.1193, Description: Matrix Spike

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	B7H00...	7.27e4	156.0	YES
2	2 13C3-PFHxS	B7H00...	1.21e4	101.9	NO
3	3 13C8-PFOA	B7H00...	5.31e4	90.3	NO
4	4 13C9-PFNA	B7H00...	6.41e4	97.4	NO
5	5 13C4-PFOS	B7H00...	1.15e4	89.6	NO
6	6 13C6-PFDA	B7H00...	6.06e4	102.6	NO
7	7 13C7-PFUnA	B7H00...	5.78e4	84.4	NO

Name: 170815M1_59, Date: 15-Aug-2017, Time: 23:44:36, ID: B7H0069-MSD1 Matrix Spike Dup 0.11433, Description: Matrix Spike Dup

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	B7H00...	6.22e4	133.5	NO
2	2 13C3-PFHxS	B7H00...	1.06e4	89.7	NO
3	3 13C8-PFOA	B7H00...	5.36e4	91.2	NO
4	4 13C9-PFNA	B7H00...	5.52e4	83.9	NO
5	5 13C4-PFOS	B7H00...	1.02e4	80.0	NO
6	6 13C6-PFDA	B7H00...	4.26e4	72.2	NO
7	7 13C7-PFUnA	B7H00...	5.29e4	77.2	NO

Name: 170815M1_60, Date: 15-Aug-2017, Time: 23:55:15, ID: 1701011-01 06302140000900_2017 0.11617, Description: 06302140000900_2017

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	17010...	5.69e4	122.1	NO
2	2 13C3-PFHxS	17010...	9.26e3	78.2	NO
3	3 13C8-PFOA	17010...	5.08e4	86.5	NO
4	4 13C9-PFNA	17010...	5.30e4	80.6	NO
5	5 13C4-PFOS	17010...	9.35e3	73.0	NO
6	6 13C6-PFDA	17010...	4.30e4	72.8	NO
7	7 13C7-PFUnA	17010...	4.69e4	68.4	NO

Name: 170815M1_61, Date: 16-Aug-2017, Time: 00:06:08, ID: 1701011-02 06302140002050_2017 0.11859, Description: 06302140002050_2017

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	17010...	6.25e4	134.2	NO
2	2 13C3-PFHxS	17010...	1.05e4	88.5	NO
3	3 13C8-PFOA	17010...	4.85e4	82.6	NO
4	4 13C9-PFNA	17010...	5.41e4	82.3	NO
5	5 13C4-PFOS	17010...	1.01e4	78.8	NO
6	6 13C6-PFDA	17010...	5.21e4	88.1	NO
7	7 13C7-PFUnA	17010...	5.27e4	76.9	NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_62, Date: 16-Aug-2017, Time: 00:16:58, ID: 1701011-03 06302140002100_2017 0.11904, Description: 06302140002100_2017

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	17010...	5.59e4	119.9	NO
2	2 13C3-PFHxS	17010...	9.64e3	81.5	NO
3	3 13C8-PFOA	17010...	4.42e4	75.3	NO
4	4 13C9-PFNA	17010...	5.41e4	82.3	NO
5	5 13C4-PFOS	17010...	9.56e3	74.7	NO
6	6 13C6-PFDA	17010...	4.92e4	83.2	NO
7	7 13C7-PFUnA	17010...	4.42e4	64.5	NO

Name: 170815M1_63, Date: 16-Aug-2017, Time: 00:28:17, ID: 1701011-04 06302810002200_2017 0.11477, Description: 06302810002200_2017

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	17010...	6.00e4	128.6	NO
2	2 13C3-PFHxS	17010...	9.98e3	84.3	NO
3	3 13C8-PFOA	17010...	4.74e4	80.7	NO
4	4 13C9-PFNA	17010...	5.57e4	84.8	NO
5	5 13C4-PFOS	17010...	9.44e3	73.7	NO
6	6 13C6-PFDA	17010...	4.91e4	83.1	NO
7	7 13C7-PFUnA	17010...	5.75e4	84.0	NO

Name: 170815M1_64, Date: 16-Aug-2017, Time: 00:39:05, ID: 1701011-05 064W5000002700_2017 0.11543, Description: 064W5000002700_2017

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	17010...	6.96e4	149.3	NO
2	2 13C3-PFHxS	17010...	1.17e4	98.9	NO
3	3 13C8-PFOA	17010...	6.05e4	102.9	NO
4	4 13C9-PFNA	17010...	6.73e4	102.3	NO
5	5 13C4-PFOS	17010...	1.15e4	90.1	NO
6	6 13C6-PFDA	17010...	5.90e4	99.8	NO
7	7 13C7-PFUnA	17010...	5.80e4	84.7	NO

Name: 170815M1_65, Date: 16-Aug-2017, Time: 00:49:59, ID: 1701011-06 FD-01 0.12004, Description: FD-01

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	17010...	6.30e4	135.1	NO
2	2 13C3-PFHxS	17010...	1.05e4	89.0	NO
3	3 13C8-PFOA	17010...	5.05e4	86.0	NO
4	4 13C9-PFNA	17010...	6.01e4	91.4	NO
5	5 13C4-PFOS	17010...	1.03e4	80.2	NO
6	6 13C6-PFDA	17010...	4.98e4	84.3	NO
7	7 13C7-PFUnA	17010...	4.71e4	68.8	NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_66, Date: 16-Aug-2017, Time: 01:00:43, ID: 1701011-07 FD-02 0.11727, Description: FD-02

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.11e4	131.2	NO
2	2	13C3-PFHxS	17010...	9.58e3	81.0	NO
3	3	13C8-PFOA	17010...	4.89e4	83.3	NO
4	4	13C9-PFNA	17010...	5.45e4	82.9	NO
5	5	13C4-PFOS	17010...	9.58e3	74.8	NO
6	6	13C6-PFDA	17010...	5.02e4	85.0	NO
7	7	13C7-PFUnA	17010...	5.17e4	75.5	NO

Name: 170815M1_67, Date: 16-Aug-2017, Time: 01:11:21, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA	5.78e0	0.0	NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	2.34e1	0.0	NO

Name: 170815M1_68, Date: 16-Aug-2017, Time: 01:21:59, ID: ST170815M1-4 PFC CS0 17H1504, Description: PFC CS0 17H1504

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	ST170...	3.84e4	82.5	NO
2	2	13C3-PFHxS	ST170...	7.09e3	60.0	NO
3	3	13C8-PFOA	ST170...	5.72e4	97.4	NO
4	4	13C9-PFNA	ST170...	6.38e4	96.9	NO
5	5	13C4-PFOS	ST170...	1.11e4	87.0	NO
6	6	13C6-PFDA	ST170...	5.67e4	95.9	NO
7	7	13C7-PFUnA	ST170...	6.53e4	95.3	NO

Name: 170815M1_69, Date: 16-Aug-2017, Time: 01:32:46, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA	5.50e0	0.0	NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	1.33e1	0.0	NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_70, Date: 16-Aug-2017, Time: 01:43:25, ID: 1701011-08 06302130001200_2017 0.12215,
Description: 06302130001200_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.43e4	138.0	NO
2	2	13C3-PFHxS	17010...	1.03e4	86.8	NO
3	3	13C8-PFOA	17010...	5.38e4	91.5	NO
4	4	13C9-PFNA	17010...	5.97e4	90.8	NO
5	5	13C4-PFOS	17010...	1.06e4	83.2	NO
6	6	13C6-PFDA	17010...	5.08e4	86.0	NO
7	7	13C7-PFUnA	17010...	6.09e4	88.9	NO

Name: 170815M1_71, Date: 16-Aug-2017, Time: 01:54:11, ID: 1701011-09 06302130001400A_2017 0.12023,
Description: 06302130001400A_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	5.90e4	126.5	NO
2	2	13C3-PFHxS	17010...	9.52e3	80.5	NO
3	3	13C8-PFOA	17010...	4.96e4	84.5	NO
4	4	13C9-PFNA	17010...	5.03e4	76.4	NO
5	5	13C4-PFOS	17010...	9.93e3	77.6	NO
6	6	13C6-PFDA	17010...	4.79e4	81.1	NO
7	7	13C7-PFUnA	17010...	5.68e4	82.9	NO

Name: 170815M1_72, Date: 16-Aug-2017, Time: 02:04:49, ID: 1701011-10 06302810001500_B_2017 0.11695,
Description: 06302810001500_B_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.66e4	142.8	NO
2	2	13C3-PFHxS	17010...	1.02e4	85.9	NO
3	3	13C8-PFOA	17010...	5.39e4	91.8	NO
4	4	13C9-PFNA	17010...	6.19e4	94.1	NO
5	5	13C4-PFOS	17010...	1.05e4	82.1	NO
6	6	13C6-PFDA	17010...	5.40e4	91.4	NO
7	7	13C7-PFUnA	17010...	5.79e4	84.5	NO

Name: 170815M1_73, Date: 16-Aug-2017, Time: 02:15:36, ID: 1701011-11 6302840007000_2017 0.11166,
Description: 6302840007000_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.58e4	141.2	NO
2	2	13C3-PFHxS	17010...	1.08e4	91.1	NO
3	3	13C8-PFOA	17010...	5.84e4	99.5	NO
4	4	13C9-PFNA	17010...	5.73e4	87.1	NO
5	5	13C4-PFOS	17010...	1.02e4	79.7	NO
6	6	13C6-PFDA	17010...	5.25e4	88.8	NO
7	7	13C7-PFUnA	17010...	5.59e4	81.7	NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_74, Date: 16-Aug-2017, Time: 02:26:20, ID: 1701011-12 FD-03 0.11337, Description: FD-03

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	5.43e4	116.6	NO
2	2	13C3-PFHxS	17010...	9.22e3	77.9	NO
3	3	13C8-PFOA	17010...	4.52e4	77.0	NO
4	4	13C9-PFNA	17010...	5.01e4	76.2	NO
5	5	13C4-PFOS	17010...	9.47e3	74.0	NO
6	6	13C6-PFDA	17010...	4.35e4	73.7	NO
7	7	13C7-PFUnA	17010...	4.58e4	66.9	NO

Name: 170815M1_75, Date: 16-Aug-2017, Time: 02:37:18, ID: 1701011-13 FD-04 0.12051, Description: FD-04

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.29e4	134.9	NO
2	2	13C3-PFHxS	17010...	1.01e4	85.1	NO
3	3	13C8-PFOA	17010...	5.15e4	87.7	NO
4	4	13C9-PFNA	17010...	5.86e4	89.0	NO
5	5	13C4-PFOS	17010...	1.02e4	79.4	NO
6	6	13C6-PFDA	17010...	5.17e4	87.5	NO
7	7	13C7-PFUnA	17010...	5.58e4	81.5	NO

Name: 170815M1_76, Date: 16-Aug-2017, Time: 02:48:10, ID: 1701011-14 FD-05 0.11946, Description: FD-05

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.41e4	137.6	NO
2	2	13C3-PFHxS	17010...	1.09e4	91.9	NO
3	3	13C8-PFOA	17010...	5.33e4	90.8	NO
4	4	13C9-PFNA	17010...	6.13e4	93.2	NO
5	5	13C4-PFOS	17010...	1.01e4	78.8	NO
6	6	13C6-PFDA	17010...	6.21e4	105.2	NO
7	7	13C7-PFUnA	17010...	5.84e4	85.2	NO

Name: 170815M1_77, Date: 16-Aug-2017, Time: 02:58:57, ID: 1701011-15 06302720002300_2017 0.11523, Description: 06302720002300_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.08e4	130.5	NO
2	2	13C3-PFHxS	17010...	9.78e3	82.6	NO
3	3	13C8-PFOA	17010...	4.32e4	73.6	NO
4	4	13C9-PFNA	17010...	5.14e4	78.2	NO
5	5	13C4-PFOS	17010...	8.33e3	65.0	NO
6	6	13C6-PFDA	17010...	4.67e4	79.1	NO
7	7	13C7-PFUnA	17010...	5.69e4	83.0	NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_78, Date: 16-Aug-2017, Time: 03:09:35, ID: 1701011-16 06302720002500_2017-C 0.10939, Description: 06302720002500_2017-C

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	17010...	6.25e4	134.0	NO
2	2 13C3-PFHxS	17010...	9.78e3	82.6	NO
3	3 13C8-PFOA	17010...	5.06e4	86.1	NO
4	4 13C9-PFNA	17010...	6.17e4	93.9	NO
5	5 13C4-PFOS	17010...	9.66e3	75.5	NO
6	6 13C6-PFDA	17010...	5.20e4	88.0	NO
7	7 13C7-PFUnA	17010...	5.27e4	77.0	NO

Name: 170815M1_79, Date: 16-Aug-2017, Time: 03:20:22, ID: 1701011-17 06302720002800_2017 0.11111, Description: 06302720002800_2017

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	17010...	6.12e4	131.3	NO
2	2 13C3-PFHxS	17010...	9.71e3	82.0	NO
3	3 13C8-PFOA	17010...	5.01e4	85.2	NO
4	4 13C9-PFNA	17010...	5.62e4	85.4	NO
5	5 13C4-PFOS	17010...	9.37e3	73.2	NO
6	6 13C6-PFDA	17010...	5.34e4	90.3	NO
7	7 13C7-PFUnA	17010...	6.17e4	90.1	NO

Name: 170815M1_80, Date: 16-Aug-2017, Time: 03:31:00, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	IPA			NO
2	2 13C3-PFHxS	IPA			NO
3	3 13C8-PFOA	IPA	5.60e0	0.0	NO
4	4 13C9-PFNA	IPA			NO
5	5 13C4-PFOS	IPA			NO
6	6 13C6-PFDA	IPA			NO
7	7 13C7-PFUnA	IPA	1.53e1	0.0	NO

Name: 170815M1_81, Date: 16-Aug-2017, Time: 03:41:47, ID: ST170815M1-5 PFC CS3 17H1505, Description: PFC CS3 17H1505

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	ST170...	3.85e4	82.6	NO
2	2 13C3-PFHxS	ST170...	6.93e3	58.6	NO
3	3 13C8-PFOA	ST170...	5.70e4	97.0	NO
4	4 13C9-PFNA	ST170...	6.92e4	105.2	NO
5	5 13C4-PFOS	ST170...	1.08e4	84.1	NO
6	6 13C6-PFDA	ST170...	5.97e4	101.1	NO
7	7 13C7-PFUnA	ST170...	6.92e4	101.0	NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_82, Date: 16-Aug-2017, Time: 03:52:25, ID: IPA, Description: IPA

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

Name: 170815M1_83, Date: 16-Aug-2017, Time: 04:03:03, ID: 1701011-18 06302810001500_A_2017 0.11512, Description: 06302810001500_A_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	4.81e4	103.1	NO
2	2	13C3-PFHxS	17010...	8.06e3	68.1	NO
3	3	13C8-PFOA	17010...	4.07e4	69.3	NO
4	4	13C9-PFNA	17010...	4.54e4	69.0	NO
5	5	13C4-PFOS	17010...	8.35e3	65.2	NO
6	6	13C6-PFDA	17010...	3.90e4	66.0	NO
7	7	13C7-PFUnA	17010...	3.58e4	52.3	NO

Name: 170815M1_84, Date: 16-Aug-2017, Time: 04:13:50, ID: 1701011-19 Tr-Prk-Pub-Well-1_2017 0.11801, Description: Tr-Prk-Pub-Well-1_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.28e4	134.6	NO
2	2	13C3-PFHxS	17010...	1.08e4	91.2	NO
3	3	13C8-PFOA	17010...	5.04e4	85.7	NO
4	4	13C9-PFNA	17010...	5.76e4	87.6	NO
5	5	13C4-PFOS	17010...	9.92e3	77.5	NO
6	6	13C6-PFDA	17010...	5.51e4	93.3	NO
7	7	13C7-PFUnA	17010...	5.64e4	82.3	NO

Name: 170815M1_85, Date: 16-Aug-2017, Time: 04:24:28, ID: 1701011-20 Tr-Prk-Pub-Well-2_2017 0.11847, Description: Tr-Prk-Pub-Well-2_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	5.65e4	121.2	NO
2	2	13C3-PFHxS	17010...	9.35e3	79.0	NO
3	3	13C8-PFOA	17010...	4.53e4	77.2	NO
4	4	13C9-PFNA	17010...	5.50e4	83.7	NO
5	5	13C4-PFOS	17010...	9.26e3	72.3	NO
6	6	13C6-PFDA	17010...	4.12e4	69.8	NO
7	7	13C7-PFUnA	17010...	4.76e4	69.5	NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_86, Date: 16-Aug-2017, Time: 04:35:15, ID: 1701013-01 06302720002600_2017 0.11643,
Description: 06302720002600_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.86e4	147.2	NO
2	2	13C3-PFHxS	17010...	1.10e4	93.2	NO
3	3	13C8-PFOA	17010...	5.50e4	93.6	NO
4	4	13C9-PFNA	17010...	5.91e4	89.9	NO
5	5	13C4-PFOS	17010...	1.07e4	83.4	NO
6	6	13C6-PFDA	17010...	5.79e4	98.1	NO
7	7	13C7-PFUnA	17010...	6.04e4	88.1	NO

Name: 170815M1_87, Date: 16-Aug-2017, Time: 04:46:03, ID: 1701013-02 06302720002900_2017 0.11676,
Description: 06302720002900_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.42e4	137.7	NO
2	2	13C3-PFHxS	17010...	1.05e4	88.6	NO
3	3	13C8-PFOA	17010...	5.26e4	89.5	NO
4	4	13C9-PFNA	17010...	5.72e4	87.0	NO
5	5	13C4-PFOS	17010...	9.96e3	77.8	NO
6	6	13C6-PFDA	17010...	5.82e4	98.5	NO
7	7	13C7-PFUnA	17010...	5.64e4	82.4	NO

Name: 170815M1_88, Date: 16-Aug-2017, Time: 04:57:07, ID: 1701013-03 06302810000600_2017 0.12244,
Description: 06302810000600_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.03e4	129.4	NO
2	2	13C3-PFHxS	17010...	1.01e4	85.5	NO
3	3	13C8-PFOA	17010...	5.07e4	86.4	NO
4	4	13C9-PFNA	17010...	5.59e4	85.0	NO
5	5	13C4-PFOS	17010...	9.58e3	74.9	NO
6	6	13C6-PFDA	17010...	4.95e4	83.8	NO
7	7	13C7-PFUnA	17010...	5.65e4	82.5	NO

Name: 170815M1_89, Date: 16-Aug-2017, Time: 05:07:45, ID: 1701013-04 064A3000000100_2017 0.1166,
Description: 064A3000000100_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	4.69e4	100.6	NO
2	2	13C3-PFHxS	17010...	9.72e3	82.2	NO
3	3	13C8-PFOA	17010...	5.00e4	85.1	NO
4	4	13C9-PFNA	17010...	5.75e4	87.4	NO
5	5	13C4-PFOS	17010...	9.96e3	77.8	NO
6	6	13C6-PFDA	17010...	5.21e4	88.2	NO
7	7	13C7-PFUnA	17010...	5.74e4	83.8	NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_90, Date: 16-Aug-2017, Time: 05:18:32, ID: 1701013-05 064A3500005900_2017 0.12037, Description: 064A3500005900_2017

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	17010...	6.47e4	138.7	NO
2	2 13C3-PFHxS	17010...	1.11e4	93.6	NO
3	3 13C8-PFOA	17010...	5.02e4	85.4	NO
4	4 13C9-PFNA	17010...	5.15e4	78.3	NO
5	5 13C4-PFOS	17010...	9.96e3	77.8	NO
6	6 13C6-PFDA	17010...	5.44e4	92.1	NO
7	7 13C7-PFUnA	17010...	5.66e4	82.6	NO

Name: 170815M1_91, Date: 16-Aug-2017, Time: 05:29:10, ID: 1701013-06 5673_F41_2017 0.12174, Description: 5673_F41_2017

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	17010...	6.63e4	142.2	NO
2	2 13C3-PFHxS	17010...	1.06e4	89.6	NO
3	3 13C8-PFOA	17010...	5.14e4	87.4	NO
4	4 13C9-PFNA	17010...	5.84e4	88.8	NO
5	5 13C4-PFOS	17010...	1.05e4	81.7	NO
6	6 13C6-PFDA	17010...	5.38e4	91.0	NO
7	7 13C7-PFUnA	17010...	6.81e4	99.4	NO

Name: 170815M1_92, Date: 16-Aug-2017, Time: 05:39:49, ID: 1701013-07 06302140002250_2017 0.12148, Description: 06302140002250_2017

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	17010...	5.98e4	128.4	NO
2	2 13C3-PFHxS	17010...	1.02e4	86.5	NO
3	3 13C8-PFOA	17010...	4.91e4	83.6	NO
4	4 13C9-PFNA	17010...	5.28e4	80.3	NO
5	5 13C4-PFOS	17010...	1.01e4	79.1	NO
6	6 13C6-PFDA	17010...	5.72e4	96.8	NO
7	7 13C7-PFUnA	17010...	5.52e4	80.5	NO

Name: 170815M1_93, Date: 16-Aug-2017, Time: 05:50:27, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	IPA			NO
2	2 13C3-PFHxS	IPA			NO
3	3 13C8-PFOA	IPA			NO
4	4 13C9-PFNA	IPA	9.24e0	0.0	NO
5	5 13C4-PFOS	IPA			NO
6	6 13C6-PFDA	IPA			NO
7	7 13C7-PFUnA	IPA			NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_94, Date: 16-Aug-2017, Time: 06:01:06, ID: ST170815M1-6 PFC CS3 17H1505, Description: PFC CS3 17H1505

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	ST170...	3.82e4	81.9	NO
2	2	13C3-PFHxS	ST170...	6.55e3	55.4	NO
3	3	13C8-PFOA	ST170...	5.02e4	85.4	NO
4	4	13C9-PFNA	ST170...	7.61e4	115.8	NO
5	5	13C4-PFOS	ST170...	1.10e4	86.1	NO
6	6	13C6-PFDA	ST170...	6.06e4	102.5	NO
7	7	13C7-PFUnA	ST170...	6.34e4	92.5	NO

Name: 170815M1_95, Date: 16-Aug-2017, Time: 06:11:44, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	1.32e1	0.0	NO

Name: 170815M1_96, Date: 16-Aug-2017, Time: 06:22:22, ID: 1701013-08 06302810001010_2017 0.1142, Description: 06302810001010_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.82e4	146.2	NO
2	2	13C3-PFHxS	17010...	1.02e4	86.6	NO
3	3	13C8-PFOA	17010...	5.50e4	93.6	NO
4	4	13C9-PFNA	17010...	5.71e4	86.9	NO
5	5	13C4-PFOS	17010...	1.02e4	79.8	NO
6	6	13C6-PFDA	17010...	5.33e4	90.1	NO
7	7	13C7-PFUnA	17010...	5.76e4	84.0	NO

Name: 170815M1_97, Date: 16-Aug-2017, Time: 06:33:09, ID: 1701013-09 064P5000001700_2017 0.12061, Description: 064P5000001700_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	5.69e4	122.0	NO
2	2	13C3-PFHxS	17010...	9.29e3	78.5	NO
3	3	13C8-PFOA	17010...	4.43e4	75.4	NO
4	4	13C9-PFNA	17010...	4.87e4	74.0	NO
5	5	13C4-PFOS	17010...	9.10e3	71.1	NO
6	6	13C6-PFDA	17010...	4.59e4	77.7	NO
7	7	13C7-PFUnA	17010...	4.98e4	72.7	NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_98, Date: 16-Aug-2017, Time: 06:43:47, ID: 1701013-10 064V5000000200_2017 0.11516, Description: 064V5000000200_2017

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	17010...	5.36e4	115.0	NO
2	2 13C3-PFHxS	17010...	8.62e3	72.9	NO
3	3 13C8-PFOA	17010...	4.52e4	76.9	NO
4	4 13C9-PFNA	17010...	4.87e4	74.1	NO
5	5 13C4-PFOS	17010...	9.25e3	72.3	NO
6	6 13C6-PFDA	17010...	4.81e4	81.3	NO
7	7 13C7-PFUnA	17010...	5.61e4	81.9	NO

Name: 170815M1_99, Date: 16-Aug-2017, Time: 06:54:34, ID: 1701013-11 LabDI_2017 0.11964, Description: LabDI_2017

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	17010...	5.01e4	107.5	NO
2	2 13C3-PFHxS	17010...	8.37e3	70.8	NO
3	3 13C8-PFOA	17010...	4.27e4	72.7	NO
4	4 13C9-PFNA	17010...	4.65e4	70.7	NO
5	5 13C4-PFOS	17010...	9.10e3	71.1	NO
6	6 13C6-PFDA	17010...	4.39e4	74.4	NO
7	7 13C7-PFUnA	17010...	4.22e4	61.6	NO

Name: 170815M1_100, Date: 16-Aug-2017, Time: 07:05:12, ID: 1701022-01 Lagoon (420-124769-1) 0.24019, Description: Lagoon (420-124769-1)

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	17010...	4.69e4	100.7	NO
2	2 13C3-PFHxS	17010...	7.58e3	64.1	NO
3	3 13C8-PFOA	17010...	4.05e4	68.9	NO
4	4 13C9-PFNA	17010...	4.47e4	67.9	NO
5	5 13C4-PFOS	17010...	7.43e3	58.1	NO
6	6 13C6-PFDA	17010...	4.28e4	72.5	NO
7	7 13C7-PFUnA	17010...	4.56e4	66.6	NO

Name: 170815M1_101, Date: 16-Aug-2017, Time: 07:15:50, ID: 1701023-01 SB01-20170807 0.11872, Description: SB01-20170807

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	17010...	4.74e4	101.6	NO
2	2 13C3-PFHxS	17010...	8.24e3	69.6	NO
3	3 13C8-PFOA	17010...	3.89e4	66.2	NO
4	4 13C9-PFNA	17010...	4.54e4	69.0	NO
5	5 13C4-PFOS	17010...	7.89e3	61.6	NO
6	6 13C6-PFDA	17010...	4.26e4	72.2	NO
7	7 13C7-PFUnA	17010...	4.39e4	64.1	NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_102, Date: 16-Aug-2017, Time: 07:26:29, ID: 1701023-02 EB01-20170807 0.11734, Description: EB01-20170807

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	4.17e4	89.4	NO
2	2	13C3-PFHxS	17010...	7.09e3	59.9	NO
3	3	13C8-PFOA	17010...	3.36e4	57.2	NO
4	4	13C9-PFNA	17010...	4.23e4	64.4	NO
5	5	13C4-PFOS	17010...	7.07e3	55.2	NO
6	6	13C6-PFDA	17010...	3.69e4	62.5	NO
7	7	13C7-PFUnA	17010...	4.11e4	60.0	NO

Name: 170815M1_103, Date: 16-Aug-2017, Time: 07:37:17, ID: 1701023-03 OUA1-MW08-20170807 0.1175, Description: OUA1-MW08-20170807

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	4.14e4	88.8	NO
2	2	13C3-PFHxS	17010...	7.80e3	65.9	NO
3	3	13C8-PFOA	17010...	3.79e4	64.5	NO
4	4	13C9-PFNA	17010...	4.05e4	61.6	NO
5	5	13C4-PFOS	17010...	8.20e3	64.0	NO
6	6	13C6-PFDA	17010...	4.54e4	76.7	NO
7	7	13C7-PFUnA	17010...	4.29e4	62.6	NO

Name: 170815M1_104, Date: 16-Aug-2017, Time: 07:47:59, ID: 1701023-04 OUA1-HS03-20170807 0.11075, Description: OUA1-HS03-20170807

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	4.63e4	99.2	NO
2	2	13C3-PFHxS	17010...	7.88e3	66.6	NO
3	3	13C8-PFOA	17010...	4.00e4	68.0	NO
4	4	13C9-PFNA	17010...	4.12e4	62.6	NO
5	5	13C4-PFOS	17010...	8.05e3	62.9	NO
6	6	13C6-PFDA	17010...	4.21e4	71.3	NO
7	7	13C7-PFUnA	17010...	4.22e4	61.6	NO

Name: 170815M1_105, Date: 16-Aug-2017, Time: 07:58:42, ID: 1701023-05 EB02-20170808 0.11203, Description: EB02-20170808

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	4.48e4	96.2	NO
2	2	13C3-PFHxS	17010...	7.64e3	64.6	NO
3	3	13C8-PFOA	17010...	3.85e4	65.6	NO
4	4	13C9-PFNA	17010...	4.15e4	63.1	NO
5	5	13C4-PFOS	17010...	7.44e3	58.1	NO
6	6	13C6-PFDA	17010...	4.19e4	70.9	NO
7	7	13C7-PFUnA	17010...	4.06e4	59.3	NO

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_106, Date: 16-Aug-2017, Time: 08:09:21, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	1.93e1	0.0	NO

Name: 170815M1_107, Date: 16-Aug-2017, Time: 08:19:59, ID: ST170815M1-7 PFC CS3 17H1505, Description: PFC CS3 17H1505

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	ST170...	3.89e4	83.4	NO
2	2	13C3-PFHxS	ST170...	6.82e3	57.7	NO
3	3	13C8-PFOA	ST170...	5.12e4	87.2	NO
4	4	13C9-PFNA	ST170...	6.34e4	96.4	NO
5	5	13C4-PFOS	ST170...	1.15e4	89.9	NO
6	6	13C6-PFDA	ST170...	5.96e4	100.9	NO
7	7	13C7-PFUnA	ST170...	6.47e4	94.5	NO

Name: 170815M1_108, Date: 16-Aug-2017, Time: 08:30:38, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	1.84e1	0.0	NO

Name: 170815M1_109, Date: 16-Aug-2017, Time: 08:41:27, ID: B7H0086-BLK1 Method Blank 1, Description: Method Blank

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	1.11e4	23.8	YES
2	2	13C3-PFHxS	B7H00...	2.08e3	17.6	YES
3	3	13C8-PFOA	B7H00...	9.50e3	16.2	YES
4	4	13C9-PFNA	B7H00...	9.46e3	14.4	YES
5	5	13C4-PFOS	B7H00...	2.05e3	16.0	YES
6	6	13C6-PFDA	B7H00...	1.05e4	17.8	YES
7	7	13C7-PFUnA	B7H00...	1.16e4	17.0	YES

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_110, Date: 16-Aug-2017, Time: 08:52:10, ID: B7H0086-BS1 OPR 1, Description: OPR

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	1.13e4	24.2	YES
2	2	13C3-PFHxS	B7H00...	2.19e3	18.5	YES
3	3	13C8-PFOA	B7H00...	9.78e3	16.6	YES
4	4	13C9-PFNA	B7H00...	1.06e4	16.1	YES
5	5	13C4-PFOS	B7H00...	2.21e3	17.3	YES
6	6	13C6-PFDA	B7H00...	1.05e4	17.7	YES
7	7	13C7-PFUnA	B7H00...	1.13e4	16.5	YES

Name: 170815M1_111, Date: 16-Aug-2017, Time: 09:02:49, ID: B7H0086-BS2 OPR 1, Description: OPR

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	9.75e3	20.9	YES
2	2	13C3-PFHxS	B7H00...	1.74e3	14.7	YES
3	3	13C8-PFOA	B7H00...	9.64e3	16.4	YES
4	4	13C9-PFNA	B7H00...	1.04e4	15.8	YES
5	5	13C4-PFOS	B7H00...	1.79e3	14.0	YES
6	6	13C6-PFDA	B7H00...	8.92e3	15.1	YES
7	7	13C7-PFUnA	B7H00...	9.19e3	13.4	YES

Name: 170815M1_112, Date: 16-Aug-2017, Time: 09:13:27, ID: B7H0086-BS3 OPR 1, Description: OPR

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	8.24e3	17.7	YES
2	2	13C3-PFHxS	B7H00...	1.60e3	13.5	YES
3	3	13C8-PFOA	B7H00...	6.78e3	11.5	YES
4	4	13C9-PFNA	B7H00...	7.02e3	10.7	YES
5	5	13C4-PFOS	B7H00...	1.40e3	11.0	YES
6	6	13C6-PFDA	B7H00...	8.38e3	14.2	YES
7	7	13C7-PFUnA	B7H00...	7.25e3	10.6	YES

Name: 170815M1_113, Date: 16-Aug-2017, Time: 09:24:05, ID: B7H0086-BS4 OPR 1, Description: OPR

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	7.66e3	16.4	YES
2	2	13C3-PFHxS	B7H00...	1.45e3	12.2	YES
3	3	13C8-PFOA	B7H00...	6.69e3	11.4	YES
4	4	13C9-PFNA	B7H00...	7.53e3	11.4	YES
5	5	13C4-PFOS	B7H00...	1.24e3	9.7	YES
6	6	13C6-PFDA	B7H00...	7.71e3	13.0	YES
7	7	13C7-PFUnA	B7H00...	7.01e3	10.2	YES

Dataset: U:\Q4.PRO\results\170815M1\IIS AREA.qld

Last Altered: Wednesday, August 16, 2017 15:35:20 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:38:19 Pacific Daylight Time

Name: 170815M1_114, Date: 16-Aug-2017, Time: 09:34:44, ID: B7H0086-BS5 OPR 1, Description: OPR

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	8.73e3	18.7	YES
2	2	13C3-PFHxS	B7H00...	1.57e3	13.3	YES
3	3	13C8-PFOA	B7H00...	7.65e3	13.0	YES
4	4	13C9-PFNA	B7H00...	8.53e3	13.0	YES
5	5	13C4-PFOS	B7H00...	1.61e3	12.6	YES
6	6	13C6-PFDA	B7H00...	8.75e3	14.8	YES
7	7	13C7-PFUnA	B7H00...	7.78e3	11.4	YES

Name: 170815M1_115, Date: 16-Aug-2017, Time: 09:45:22, ID: 1700813-01RE1 LOD/LOQ Full List DoD 3Q17 1, Description: LOD/LOQ Full List DoD 3Q17

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17008...	7.40e3	15.9	YES
2	2	13C3-PFHxS	17008...	1.30e3	11.0	YES
3	3	13C8-PFOA	17008...	7.13e3	12.1	YES
4	4	13C9-PFNA	17008...	8.07e3	12.3	YES
5	5	13C4-PFOS	17008...	1.33e3	10.4	YES
6	6	13C6-PFDA	17008...	6.94e3	11.7	YES
7	7	13C7-PFUnA	17008...	6.59e3	9.6	YES

Name: 170815M1_116, Date: 16-Aug-2017, Time: 09:56:01, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	3.31e1	0.0	NO

Name: 170815M1_117, Date: 16-Aug-2017, Time: 10:06:42, ID: ST170815M1-8 PFC CS3 17H1505, Description: PFC CS3 17H1505

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	ST170...	3.84e4	82.3	NO
2	2	13C3-PFHxS	ST170...	6.97e3	58.9	NO
3	3	13C8-PFOA	ST170...	5.13e4	87.3	NO
4	4	13C9-PFNA	ST170...	6.49e4	98.6	NO
5	5	13C4-PFOS	ST170...	1.14e4	89.4	NO
6	6	13C6-PFDA	ST170...	6.44e4	109.0	NO
7	7	13C7-PFUnA	ST170...	6.11e4	89.3	NO

Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\170815M1\170815M1-3.qld

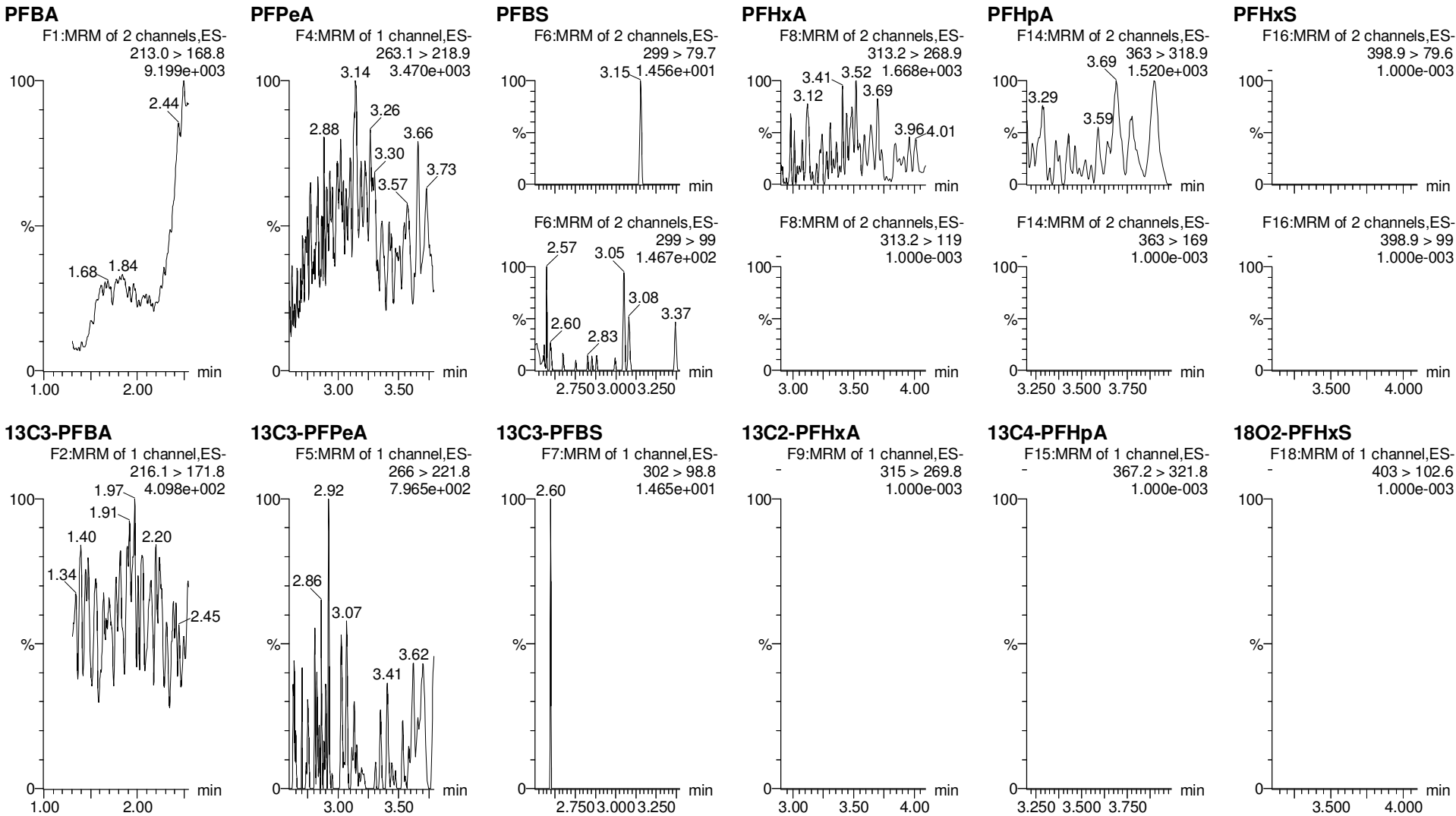
Last Altered: Wednesday, August 16, 2017 09:46:48 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 09:47:01 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170815M1_3, Date: 15-Aug-2017, Time: 13:23:17, ID: IPA, Description: IPA

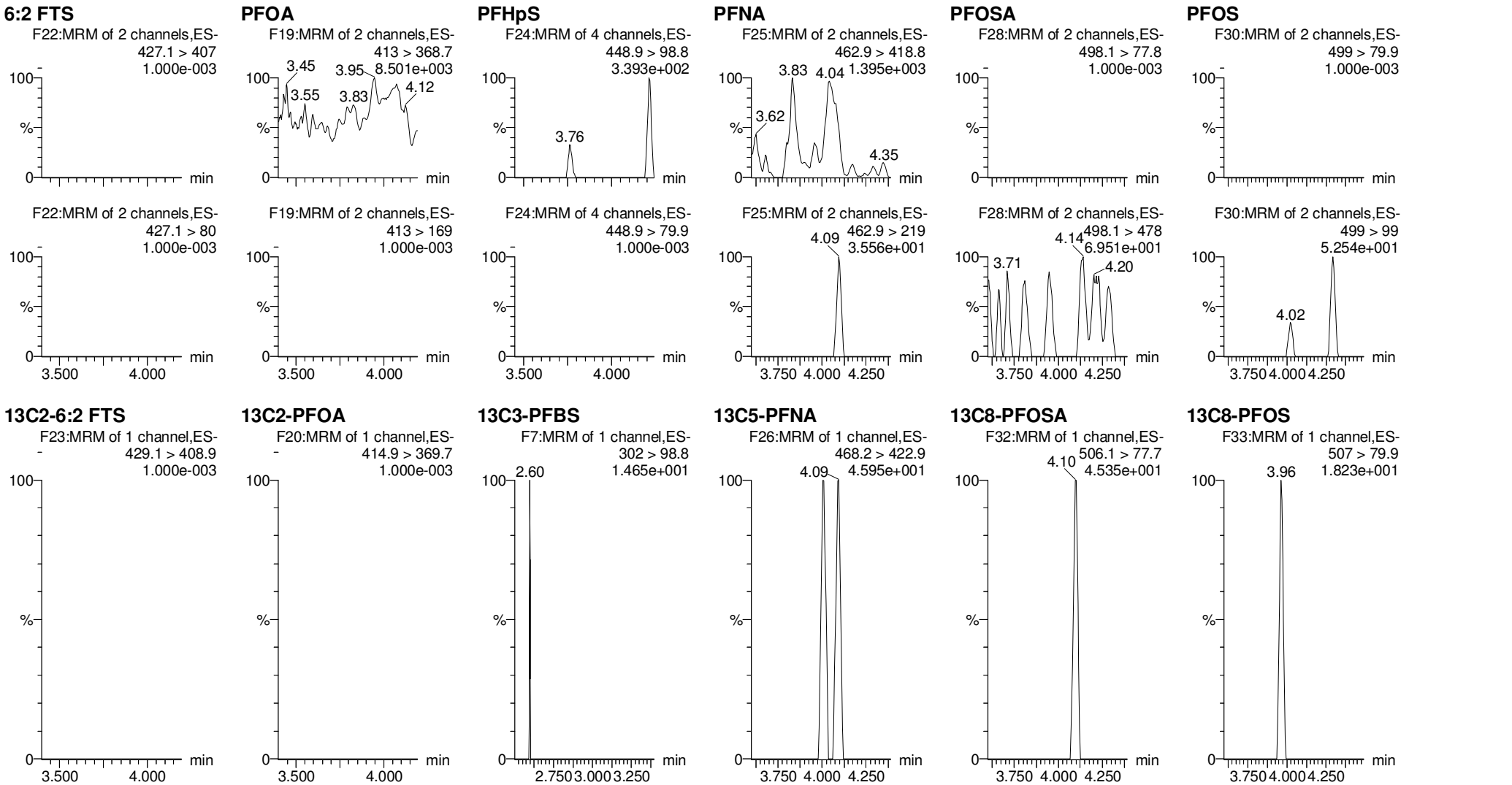


Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\170815M1\170815M1-3.qld

Last Altered: Wednesday, August 16, 2017 09:46:48 Pacific Daylight Time
Printed: Wednesday, August 16, 2017 09:47:01 Pacific Daylight Time

Name: 170815M1_3, Date: 15-Aug-2017, Time: 13:23:17, ID: IPA, Description: IPA

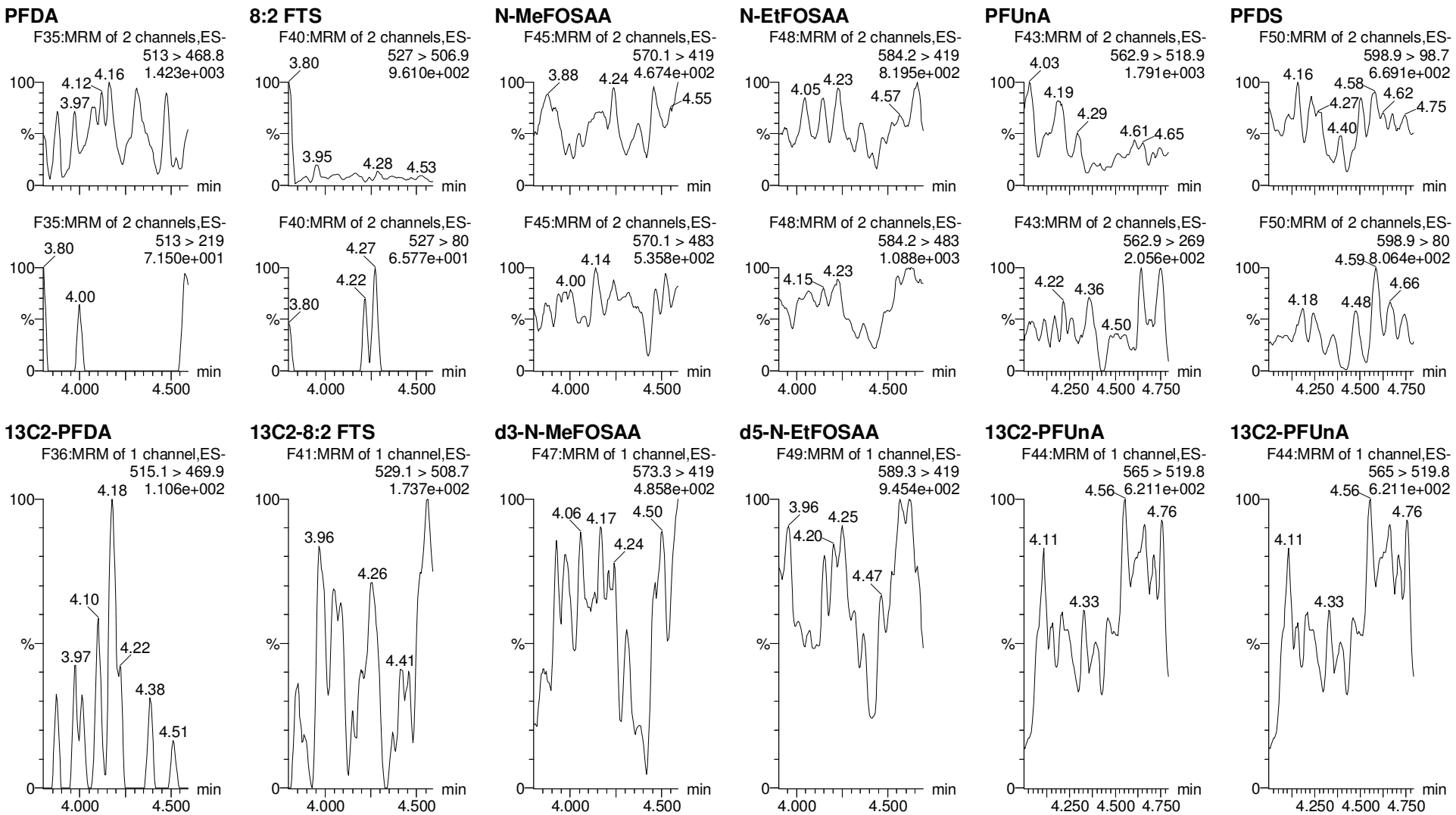


Dataset: U:\Q4.PRO\results\170815M1\170815M1-3.qld

Last Altered: Wednesday, August 16, 2017 09:46:48 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 09:47:01 Pacific Daylight Time

Name: 170815M1_3, Date: 15-Aug-2017, Time: 13:23:17, ID: IPA, Description: IPA

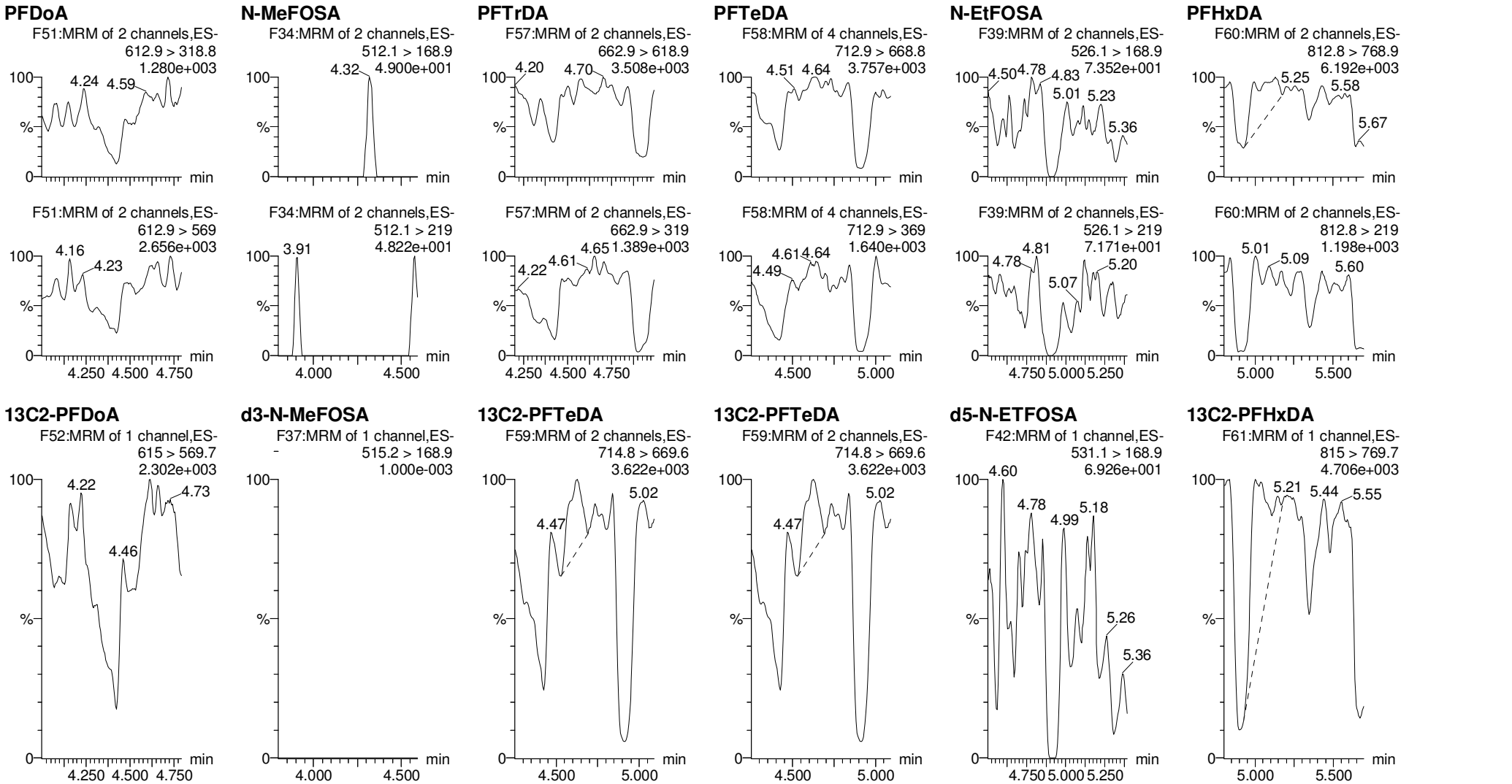


Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\170815M1\170815M1-3.qld

Last Altered: Wednesday, August 16, 2017 09:46:48 Pacific Daylight Time
Printed: Wednesday, August 16, 2017 09:47:01 Pacific Daylight Time

Name: 170815M1_3, Date: 15-Aug-2017, Time: 13:23:17, ID: IPA, Description: IPA



Vista Analytical Laboratory

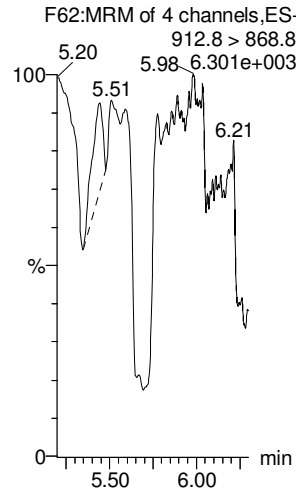
Dataset: U:\Q4.PRO\results\170815M1\170815M1-3.qld

Last Altered: Wednesday, August 16, 2017 09:46:48 Pacific Daylight Time

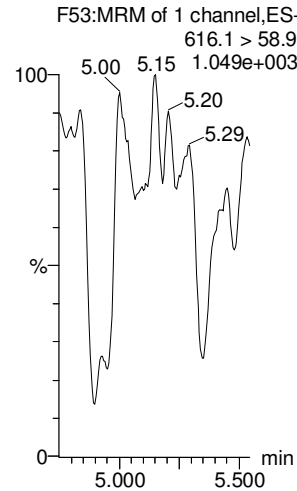
Printed: Wednesday, August 16, 2017 09:47:01 Pacific Daylight Time

Name: 170815M1_3, Date: 15-Aug-2017, Time: 13:23:17, ID: IPA, Description: IPA

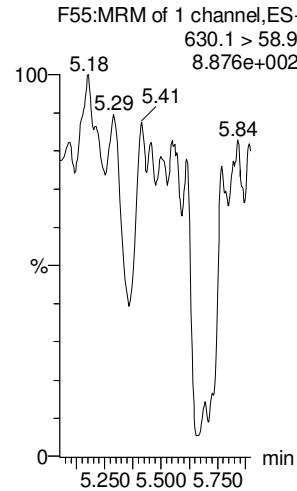
PFODA



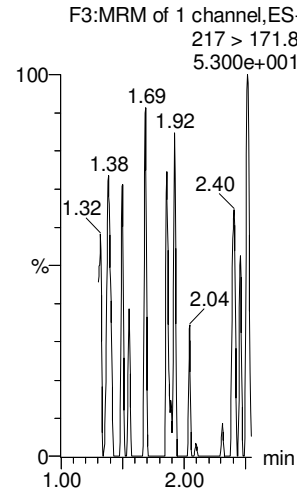
N-MeFOSE



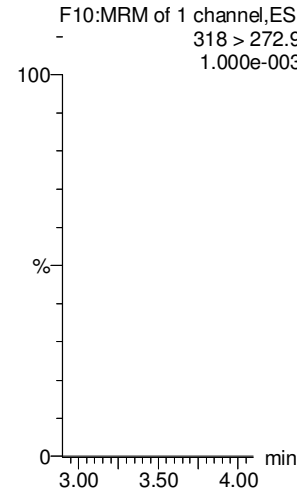
N-EtFOSE



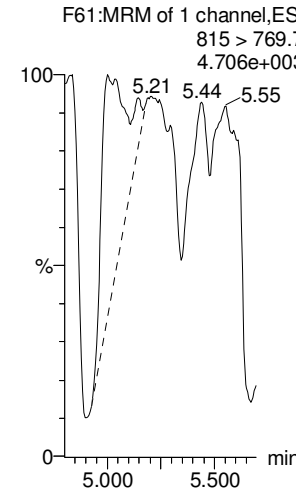
13C4-PFBA



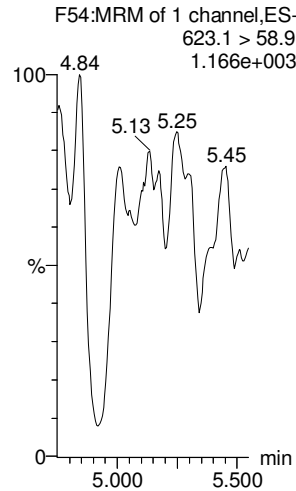
13C5-PFHxA



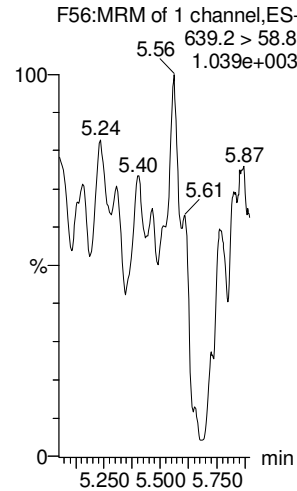
13C2-PFHxDA



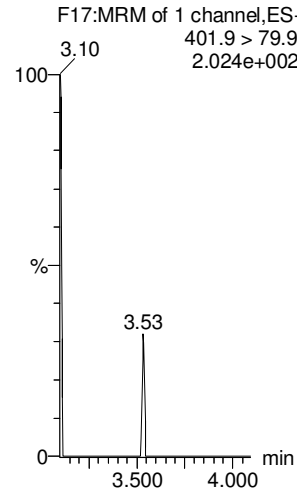
d7-N-MeFOSE



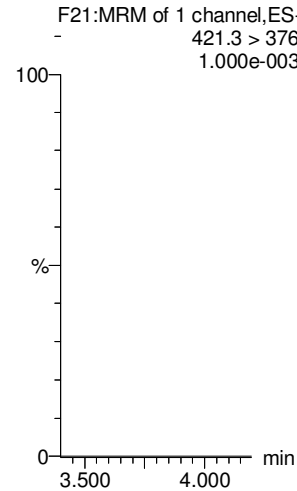
d9-N-EtFOSE



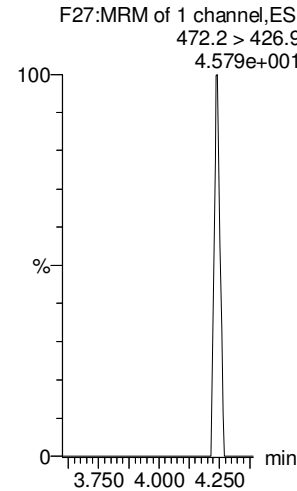
13C3-PFHxS



13C8-PFOA



13C9-PFNA

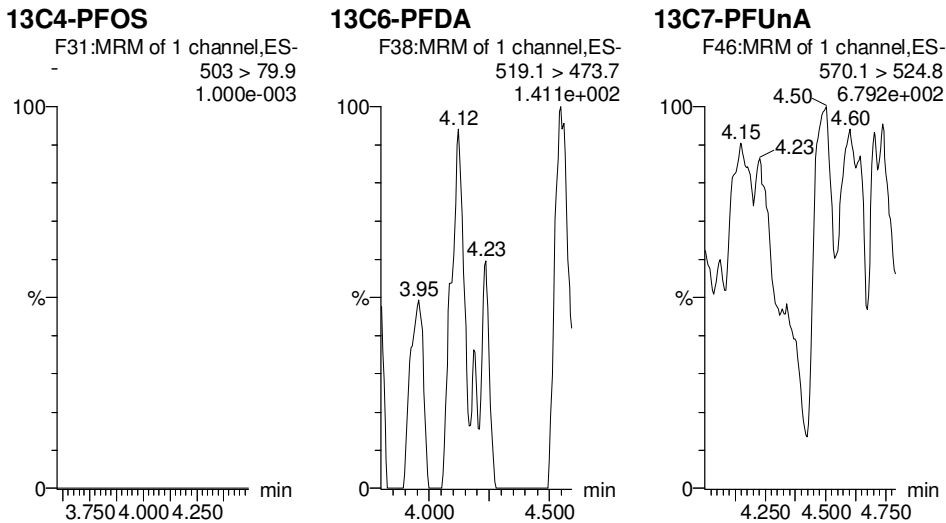


Dataset: U:\Q4.PRO\results\170815M1\170815M1-3.qld

Last Altered: Wednesday, August 16, 2017 09:46:48 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 09:47:01 Pacific Daylight Time

Name: 170815M1_3, Date: 15-Aug-2017, Time: 13:23:17, ID: IPA, Description: IPA



Dataset: U:\Q4.PRO\results\170815M1\170815M1-68.qld

Last Altered: Wednesday, August 16, 2017 09:55:00 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 09:55:39 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170815M1_68, Date: 16-Aug-2017, Time: 01:21:59, ID: ST170815M1-4 PFC CS0 17H1504, Description: PFC CS0 17H1504

Out of limit criteria,
not used.

	# Name	Trace	Area	IS Resp	RRF	Wt./Vol	RT	Conc.	%Rec
1	1 PFBA	213.0 > 168.8	1472.037	14475.409		1.000	1.45	1.11	110.91
2	2 PFPeA	263.1 > 218.9	2182.684	26204.824		1.000	2.72	0.98	97.90
3	3 PFBS	299 > 79.7	460.515	3302.247		1.000	2.93	0.91	91.24
4	4 PFHxA	313.2 > 268.9	3525.867	10885.106		1.000	3.15	0.78	77.74
5	5 PFHpA	363 > 318.9	3056.993	31896.914		1.000	3.41	0.60	59.95
6	6 PFHxS	398.9 > 79.6	337.329	2909.498		1.000	3.48	0.89	88.50
7	7 6:2 FTS	427.1 > 407	700.599	8544.681		1.000	3.61	1.03	102.73
8	8 PFOA	413 > 368.7	5784.575	64173.375		1.000	3.62	0.99	99.48
9	9 PFHpS	448.9 > 98.8	552.304	64173.375		1.000	3.68	1.27	126.90
10	10 PFNA	462.9 > 418.8	6180.629	63002.945		1.000	3.80	0.73	72.75
11	11 PFOSA	498.1 > 77.8	641.469	7171.930		1.000	3.81	1.04	103.50
12	12 PFOS	499 > 79.9	996.584	10599.166		1.000	3.85	1.14	113.67
13	13 PFDA	513 > 468.8	6533.826	60216.996		1.000	3.97	1.10	109.71
14	14 8:2 FTS	527 > 506.9	733.984	6126.525		1.000	3.97	1.06	105.76
15	15 N-MeFOSAA	570.1 > 419	1647.586	13288.789		1.000	4.01	1.06	106.04
16	16 N-EtFOSAA	584.2 > 419	1075.801	12998.741		1.000	4.07	0.82	81.88
17	17 PFUnA	562.9 > 518.9	4895.588	65654.922		1.000	4.14	1.04	104.09
18	18 PFDS	598.9 > 98.7	499.719	65654.922		1.000	4.19	1.02	102.28
19	19 PFDoA	612.9 > 318.8	565.880	6377.419		1.000	4.31	1.28	127.58
20	20 N-MeFOSA	512.1 > 168.9	1083.814	29267.613		1.000	4.34	5.43	108.70
21	21 PFTDA	662.9 > 618.9	6683.434	6377.419		1.000	4.48	1.18	118.42
22	22 PFTeDA	712.9 > 668.8	3969.323	40416.023		1.000	4.66	0.98	98.37
23	23 N-EtFOSA	526.1 > 168.9	1331.032	38014.871		1.000	4.90	5.46	109.17
24	24 PFHxDA	812.8 > 768.9	6245.514	19336.441		1.000	5.03	0.99	98.96
25	25 PFODA	912.8 > 868.8	5535.750	19336.441		1.000	5.40	1.04	104.49
26	26 N-MeFOSE	616.1 > 58.9	1551.072	43488.094		1.000	5.39	4.85	97.07
27	27 N-EtFOSE	630.1 > 58.9	1805.237	43572.469		1.000	5.57	3.61	72.20
28	28 13C3-PFBA	216.1 > 171.8	14475.409	16033.742	0.906	1.000	1.45	12.46	99.67
29	29 13C3-PFPeA	266 > 221.8	26204.824	38373.914	0.284	1.000	2.71	12.03	96.22
30	30 13C3-PFBS	302 > 98.8	3302.247	38373.914	0.033	1.000	2.92	13.09	104.69
31	31 13C2-PFHxA	315 > 269.8	10885.106	38373.914	0.304	1.000	3.15	4.67	93.42

20-30

am
8/16/17

50-60

Dataset: U:\Q4.PRO\results\170815M1\170815M1-68.qld

Last Altered: Wednesday, August 16, 2017 09:55:00 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 09:55:39 Pacific Daylight Time

Name: 170815M1_68, Date: 16-Aug-2017, Time: 01:21:59, ID: ST170815M1-4 PFC CS0 17H1504, Description: PFC CS0 17H1504

	# Name	Trace	Area	IS Resp	RRF	Wt./Vol	RT	Conc.	%Rec
32	32 13C4-PFHpA	367.2 > 321.8	31896.914	38373.914	0.384	1.000	3.41	10.82	86.57
33	33 18O2-PFHxS	403 > 102.6	2909.498	7092.479	0.417	1.000	3.49	12.29	98.35
34	34 13C2-6:2 FTS	429.1 > 408.9	8544.681	57291.500	0.202	1.000	3.60	9.24	73.94
35	35 13C2-PFOA	414.9 > 369.7	64173.375	57291.500	1.132	1.000	3.62	12.37	98.93
36	36 13C5-PFNA	468.2 > 422.9	63002.945	63751.449	0.946	1.000	3.80	13.06	104.46
37	37 13C8-PFOSA	506.1 > 77.7	7171.930	65295.473	0.119	1.000	3.81	11.50	91.98
38	38 13C8-PFOS	507 > 79.9	10599.166	11143.149	1.040	1.000	3.85	11.43	91.47
39	39 13C2-PFDA	515.1 > 469.9	60216.996	56651.289	0.971	1.000	3.97	13.69	109.49
40	40 13C2-8:2 FTS	529.1 > 508.7	6126.525	56651.289	0.140	1.000	3.97	9.64	77.09
41	41 d3-N-MeFOSAA	573.3 > 419	13288.789	65295.473	0.018	1.000	4.00	143.01	88.01
42	42 d5-N-EtFOSAA	589.3 > 419	12998.741	65295.473	0.018	1.000	4.08	136.50	84.00
43	43 13C2-PFUnA	565 > 519.8	65654.922	65295.473	1.085	1.000	4.14	11.58	92.66
44	44 13C2-PFDoA	615 > 569.7	6377.419	65295.473	0.123	1.000	4.31	9.92	79.32
45	45 d3-N-MeFOSA	515.2 > 168.9	29267.613	65295.473	0.043	1.000	4.37	129.50	86.33
46	46 13C2-PFTeDA	714.8 > 669.6	40416.023	65295.473	0.798	1.000	4.66	9.70	77.58
47	47 d5-N-ETFOSA	531.1 > 168.9	38014.871	65295.473	0.056	1.000	4.94	130.70	87.14
48	48 13C2-PFHxDA	815 > 769.7	19336.441	65295.473	0.926	1.000	5.03	4.00	79.91
49	49 d7-N-MeFOSE	623.1 > 58.9	43488.094	65295.473	0.059	1.000	5.38	140.05	93.37
50	50 d9-N-EtFOSE	639.2 > 58.8	43572.469	65295.473	0.059	1.000	5.55	140.24	93.49
51	51 13C4-PFBA	217 > 171.8	16033.742	16033.742	1.000	1.000	1.45	12.50	100.00
52	52 13C5-PFHxA	318 > 272.9	38373.914	38373.914	1.000	1.000	3.15	5.00	100.00
53	53 13C3-PFHxS	401.9 > 79.9	7092.479	7092.479	1.000	1.000	3.49	12.50	100.00
54	54 13C8-PFOA	421.3 > 376	57291.500	57291.500	1.000	1.000	3.62	12.50	100.00
55	55 13C9-PFNA	472.2 > 426.9	63751.449	63751.449	1.000	1.000	3.80	12.50	100.00
56	56 13C4-PFOS	503 > 79.9	11143.149	11143.149	1.000	1.000	3.85	12.50	100.00
57	57 13C6-PFDA	519.1 > 473.7	56651.289	56651.289	1.000	1.000	3.97	12.50	100.00
58	58 13C7-PFUnA	570.1 > 524.8	65295.473	65295.473	1.000	1.000	4.14	12.50	100.00

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170815M1.SPL
Last Modified: Tuesday, August 15, 2017 13:50:57 Pacific Daylight Time
Printed: Tuesday, August 15, 2017 13:51:10 Pacific Daylight Time

Page 1 of 2

Page Position (1, 1)

File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
1 170815M1_1	---	IPA	IPA	1.0000	1:48	Blank
2 170815M1_2	X	ST170815M1-1 PFC CS0 17H1302	PFC CS0 17H1302	1.0000	1:1	Analyte
3 170815M1_3	---	IPA	IPA	1.0000	1:48	Blank
4 170815M1_4	-	B7H0078-BS1 OPR 0.125	OPR	0.1250	1:15	Analyte
5 170815M1_5	---	IPA	IPA	1.0000	1:48	Blank
6 170815M1_6	-	B7H0078-BLK1 Method Blank 0.125	Method Blank	0.1250	1:16	Analyte
7 170815M1_7	-	B7H0078-MS1 Matrix Spike 0.125	Matrix Spike	0.1250	1:17	Analyte
8 170815M1_8	-	B7H0078-MSD1 Matrix Spike Dup 0.125	Matrix Spike Dup	0.1250	1:18	Analyte
9 170815M1_9	-	1700907-04RE1@20 AT028-MW17-06-071717-1300 0.12053	AT028-MW17-06-071717-1300	0.1205	1:33	Analyte
10 170815M1_10	---	IPA	IPA	1.0000	1:48	Blank
11 170815M1_11	-	1700862-01RE1 WS 252 0.00025	WS 252	0.0003	1:19	Analyte
12 170815M1_12	-	1700907-04RE1 AT028-MW17-06-071717-1300 0.12053	AT028-MW17-06-071717-1300	0.1205	1:20	Analyte
13 170815M1_13	---	IPA	IPA	1.0000	1:48	Blank
14 170815M1_14	-	1701031-01 BANGR-03-GW-TW03-080817 0.125	BANGR-03-GW-TW03-080817	0.1250	1:21	Analyte
15 170815M1_15	-	1701031-02 BANGR-05-GW-TW05-080817 0.125	BANGR-05-GW-TW05-080817	0.1250	1:22	Analyte
16 170815M1_16	-	1701031-03 BANGR-06-GW-TW06-080917 0.125	BANGR-06-GW-TW06-080917	0.1250	1:23	Analyte
17 170815M1_17	-	1701031-04 BANGR-12-GW-TW12-080817 0.125	BANGR-12-GW-TW12-080817	0.1250	1:24	Analyte
18 170815M1_18	-	1701034-01 SB01-20170808 0.125	SB01-20170808	0.1250	1:25	Analyte
19 170815M1_19	-	1701034-02 Site1-GW-01TW03-20170808 0.125	Site1-GW-01TW03-20170808	0.1250	1:26	Analyte
20 170815M1_20	-	1701034-03 Site1-GW-01TW01-20170808 0.125	Site1-GW-01TW01-20170808	0.1250	1:27	Analyte
21 170815M1_21	-	1701034-04 Site1-GW-FD01-20170808 0.125	Site1-GW-FD01-20170808	0.1250	1:28	Analyte
22 170815M1_22	-	1701034-05 EB01-20170808 0.125	EB01-20170808	0.1250	1:29	Analyte
23 170815M1_23	---	IPA	IPA	1.0000	1:48	Blank
24 170815M1_24	X	ST170815M1-2 PFC CS3 17H1301	PFC CS3 17H1301	1.0000	1:2	Analyte
25 170815M1_25	---	IPA	IPA	1.0000	1:48	Blank
26 170815M1_26	-	1701034-06 Site1-GW-01TW02-20170808 0.125	Site1-GW-01TW02-20170808	0.1250	1:30	Analyte
27 170815M1_27	-	1701038-01 OC-PFC-MW04R-0817 0.125	OC-PFC-MW04R-0817	0.1250	1:31	Analyte
28 170815M1_28	-	1701038-02 OC-PFC-EB081017 0.125	OC-PFC-EB081017	0.1250	1:32	Analyte
29 170815M1_29	---	IPA	IPA	1.0000	1:48	Blank
30 170815M1_30	X	ST170815M1-3 PFC CS3 17H1301	PFC CS3 17H1301	1.0000	1:2	Analyte
31 170815M1_31	---	IPA	IPA	1.0000	1:48	Blank

① Re-injected because ITS AREA was at the 1st time. on 8/15/17

② Instrument paused to adjust windows. on 8/15/17

③ Instrument paused to load sample on tray. on 8/15/17

④ Sample added, see corrected.

on 8/15/17

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170815M1.SPL
 Last Modified: Tuesday, August 15, 2017 17:54:39 Pacific Daylight Time
 Printed: Tuesday, August 15, 2017 17:55:26 Pacific Daylight Time

Page 1 of 8

Page Position (1, 1)

	File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
1	170815M1_1	---	IPA	IPA	1.0000	1:48	Blank
2	170815M1_2	X	ST170815M1-1 PFC CS0 17H1302	PFC CS0 17H1302	1.0000	1:1	Analyte
3	170815M1_3	---	IPA	IPA	1.0000	1:48	Blank
4	170815M1_4	-	B7H0078-BS1 OPR 0.125	OPR	0.1250	1:15	Analyte
5	170815M1_5	---	IPA	IPA	1.0000	1:48	Blank
6	170815M1_6	-	B7H0078-BLK1 Method Blank 0.125	Method Blank	0.1250	1:16	Analyte
7	170815M1_7	-	B7H0078-MS1 Matrix Spike 0.125	Matrix Spike	0.1250	1:17	Analyte
8	170815M1_8	-	B7H0078-MSD1 Matrix Spike Dup 0.125	Matrix Spike Dup	0.1250	1:18	Analyte
9	170815M1_9	-	1700907-04RE1@20 AT028-MW17-06-071717-1300 0.12053	AT028-MW17-06-071717-1300	0.1205	1:33	Analyte
10	170815M1_10	---	IPA	IPA	1.0000	1:48	Blank
11	170815M1_11	-	1700862-01RE1 WS 252 0.00025	WS 252	0.0003	1:19	Analyte
12	170815M1_12	-	1700907-04RE1 AT028-MW17-06-071717-1300 0.12053	AT028-MW17-06-071717-1300	0.1205	1:20	Analyte
13	170815M1_13	---	IPA	IPA	1.0000	1:48	Blank
14	170815M1_14	-	1701031-01 BANGR-03-GW-TW03-080817 0.125	BANGR-03-GW-TW03-080817	0.1250	1:21	Analyte
15	170815M1_15	-	1701031-02 BANGR-05-GW-TW05-080817 0.125	BANGR-05-GW-TW05-080817	0.1250	1:22	Analyte
16	170815M1_16	-	1701031-03 BANGR-06-GW-TW06-080917 0.125	BANGR-06-GW-TW06-080917	0.1250	1:23	Analyte
17	170815M1_17	-	1701031-04 BANGR-12-GW-TW12-080817 0.125	BANGR-12-GW-TW12-080817	0.1250	1:24	Analyte
18	170815M1_18	-	1701034-01 SB01-20170808 0.125	SB01-20170808	0.1250	1:25	Analyte
19	170815M1_19	-	1701034-02 Site1-GW-01TW03-20170808 0.125	Site1-GW-01TW03-20170808	0.1250	1:26	Analyte
20	170815M1_20	-	1701034-03 Site1-GW-01TW01-20170808 0.125	Site1-GW-01TW01-20170808	0.1250	1:27	Analyte
21	170815M1_21	-	1701034-04 Site1-GW-FD01-20170808 0.125	Site1-GW-FD01-20170808	0.1250	1:28	Analyte
22	170815M1_22	-	1701034-05 EB01-20170808 0.125	EB01-20170808	0.1250	1:29	Analyte
23	170815M1_23	---	IPA	IPA	1.0000	1:48	Blank
24	170815M1_24	X	ST170815M1-2 PFC CS3 17H1301	PFC CS3 17H1301	1.0000	1:2	Analyte
25	170815M1_25	---	IPA	IPA	1.0000	1:48	Blank
26	170815M1_26	-	1701034-06 Site1-GW-01TW02-20170808 0.125	Site1-GW-01TW02-20170808	0.1250	1:30	Analyte
27	170815M1_27	-	1701038-01 OC-PFC-MW04R-0817 0.125	OC-PFC-MW04R-0817	0.1250	1:31	Analyte
28	170815M1_28	-	1701038-02 OC-PFC-EB081017 0.125	OC-PFC-EB081017	0.1250	1:32	Analyte
29	170815M1_29	---	B7H0035-BS1 OPR 0.125	OPR	0.1250	1:33	Analyte
30	170815M1_30	---	IPA	IPA	1.0000	1:48	Blank
31	170815M1_31	---	B7H0035-BLK1 Method Blank 0.125	Method Blank	0.1250	1:34	Analyte
32	170815M1_32	---	B7H0035-MS1 Matrix Spike 0.11511	Matrix Spike	0.1151	1:35	Analyte
33	170815M1_33	---	B7H0035-MSD1 Matrix Spike Dup 0.11806	Matrix Spike Dup	0.1181	1:36	Analyte
34	170815M1_34	---	1700980-01 IR09MW61A-080217 0.10744	IR09MW61A-080217	0.1074	1:37	Analyte
35	170815M1_35	---	1700980-02 IR09MW62A-080217 0.11271	IR09MW62A-080217	0.1127	1:38	Analyte
36	170815M1_36	---	IPA	IPA	0.1127	1:39	Analyte
37	170815M1_37	---	1700980-03 IR09P040A-080217 0.11721	IR09P040A-080217	0.1172	1:40	Analyte
38	170815M1_38	---	1700980-04 IR10MW28A-080217 0.1175	IR10MW28A-080217	0.1175	1:41	Analyte
39	170815M1_39	---	1700980-05 080217-FB-01 0.12184	080217-FB-01	0.1218	1:42	Analyte
40	170815M1_40	---	1700980-06 IR10MW13A1-080217 0.12103	IR10MW13A1-080217	0.1210	1:43	Analyte

Work Order 1701022

Instrument reused to load samples on 8/15/17

AM 9/15/17

Page 97 of 338

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170815M1.SPL
 Last Modified: Tuesday, August 15, 2017 17:54:39 Pacific Daylight Time
 Printed: Tuesday, August 15, 2017 17:55:26 Pacific Daylight Time

Page 3 of 8

Page Position (1, 2)

	File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
41	170815M1_41	---	IPA	IPA	1.0000	1:48	Blank
42	170815M1_42	X	ST170815M1-3 PFC CS3 17H1301	PFC CS3 17H1301	1.0000	1:2	Analyte
43	170815M1_43	---	IPA	IPA	1.0000	1:48	Blank
44	170815M1_44	---	1700980-07 IR10MW31A1-080217 0.12279	IR10MW31A1-080217	0.1228	1:44	Analyte
45	170815M1_45	---	1700980-08 IR10MW31A1-080217-D 0.11964	IR10MW31A1-080217-D	0.1196	1:45	Analyte
46	170815M1_46	---	1700980-09 080217-ER-01 0.11911	080217-ER-01	0.1191	1:46	Analyte
47	170815M1_47	---	1700980-10 080217-SB-01 0.11909	080217-SB-01	0.1191	1:47	Analyte
48	170815M1_48	---	IPA	IPA	0.1093	2:1	Analyte
49	170815M1_49	---	B7H0066-BS1 OPR 0.125	OPR	0.1250	2:2	Analyte
50	170815M1_50	---	B7H0069-BS1 OPR 0.25	OPR	0.2500	2:3	Analyte
51	170815M1_51	---	IPA	IPA	1.0000	1:48	Blank
52	170815M1_52	---	B7H0066-BLK1 Method Blank 0.125	Method Blank	0.1250	2:4	Analyte
53	170815M1_53	---	B7H0069-BLK1 Method Blank 0.25	Method Blank	0.2500	2:5	Analyte
54	170815M1_54	---	B7H0066-MS1 Matrix Spike 0.11555	Matrix Spike	0.1156	2:6	Analyte
55	170815M1_55	---	B7H0066-MSD1 Matrix Spike Dup 0.11567	Matrix Spike Dup	0.1157	2:7	Analyte
56	170815M1_56	---	B7H0066-MS2 Matrix Spike 0.11836	Matrix Spike	0.1184	2:8	Analyte
57	170815M1_57	---	B7H0066-MSD2 Matrix Spike Dup 0.11729	Matrix Spike Dup	0.1173	2:9	Analyte
58	170815M1_58	---	B7H0069-MS1 Matrix Spike 0.1193	Matrix Spike	0.1193	2:10	Analyte
59	170815M1_59	---	B7H0069-MSD1 Matrix Spike Dup 0.11433	Matrix Spike Dup	0.1143	2:11	Analyte
60	170815M1_60	---	1701011-01 06302140000900_2017 0.11617	06302140000900_2017	0.1162	2:12	Analyte
61	170815M1_61	---	1701011-02 06302140002050_2017 0.11859	06302140002050_2017	0.1186	2:13	Analyte
62	170815M1_62	---	1701011-03 06302140002100_2017 0.11904	06302140002100_2017	0.1190	2:14	Analyte
63	170815M1_63	---	1701011-04 06302810002200_2017 0.11477	06302810002200_2017	0.1148	2:15	Analyte
64	170815M1_64	---	1701011-05 064W5000002700_2017 0.11543	064W5000002700_2017	0.1154	2:16	Analyte
65	170815M1_65	---	1701011-06 FD-01 0.12004	FD-01	0.1200	2:17	Analyte
66	170815M1_66	---	1701011-07 FD-02 0.11727	FD-02	0.1173	2:18	Analyte
67	170815M1_67	---	IPA	IPA	1.0000	1:48	Blank
68	170815M1_68	X	ST170815M1-4 PFC CS0 17H1504	PFC CS0 17H1504	1.0000	1:3	Analyte
69	170815M1_69	---	IPA	IPA	1.0000	1:48	Blank
70	170815M1_70	---	1701011-08 06302130001200_2017 0.12215	06302130001200_2017	0.1221	2:19	Analyte
71	170815M1_71	---	1701011-09 06302130001400A_2017 0.12023	06302130001400A_2017	0.1202	2:20	Analyte
72	170815M1_72	---	1701011-10 06302810001500_B_2017 0.11695	06302810001500_B_2017	0.1170	2:21	Analyte
73	170815M1_73	---	1701011-11 6302840007000_2017 0.11166	6302840007000_2017	0.1117	2:22	Analyte
74	170815M1_74	---	1701011-12 FD-03 0.11337	FD-03	0.1134	2:23	Analyte
75	170815M1_75	---	1701011-13 FD-04 0.12051	FD-04	0.1205	2:24	Analyte
76	170815M1_76	---	1701011-14 FD-05 0.11946	FD-05	0.1195	2:25	Analyte
77	170815M1_77	---	1701011-15 06302720002300_2017 0.11523	06302720002300_2017	0.1152	2:26	Analyte
78	170815M1_78	---	1701011-16 06302720002500_2017-C 0.10939	06302720002500_2017-C	0.1094	2:27	Analyte
79	170815M1_79	---	1701011-17 06302720002800_2017 0.11111	06302720002800_2017	0.1111	2:28	Analyte
80	170815M1_80	---	IPA	IPA	1.0000	1:48	Blank

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170815M1.SPL
 Last Modified: Tuesday, August 15, 2017 17:54:39 Pacific Daylight Time
 Printed: Tuesday, August 15, 2017 17:55:26 Pacific Daylight Time

Page 5 of 8

Page Position (1, 3)

File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
81 170815M1_81	X	ST170815M1-5 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:4	Analyte
82 170815M1_82	---	IPA	IPA	1.0000	1:48	Blank
83 170815M1_83	---	1701011-18 06302810001500_A_2017 0.11512	06302810001500_A_2017	0.1151	2:29	Analyte
84 170815M1_84	---	1701011-19 Tr-Prk-Pub-Well-1_2017 0.11801	Tr-Prk-Pub-Well-1_2017	0.1180	2:30	Analyte
85 170815M1_85	---	1701011-20 Tr-Prk-Pub-Well-2_2017 0.11847	Tr-Prk-Pub-Well-2_2017	0.1185	2:31	Analyte
86 170815M1_86	---	1701013-01 06302720002600_2017 0.11643	06302720002600_2017	0.1164	2:32	Analyte
87 170815M1_87	---	1701013-02 06302720002900_2017 0.11676	06302720002900_2017	0.1168	2:33	Analyte
88 170815M1_88	---	1701013-03 06302810000600_2017 0.12244	06302810000600_2017	0.1224	2:34	Analyte
89 170815M1_89	---	1701013-04 064A3000000100_2017 0.1166	064A3000000100_2017	0.1166	2:35	Analyte
90 170815M1_90	---	1701013-05 064A35000005900_2017 0.12037	064A35000005900_2017	0.1204	2:36	Analyte
91 170815M1_91	---	1701013-06 5673_F41_2017 0.12174	5673_F41_2017	0.1217	2:37	Analyte
92 170815M1_92	---	1701013-07 06302140002250_2017 0.12148	06302140002250_2017	0.1215	2:38	Analyte
93 170815M1_93	---	IPA	IPA	1.0000	1:48	Blank
94 170815M1_94	X	ST170815M1-6 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:4	Analyte
95 170815M1_95	---	IPA	IPA	1.0000	1:48	Blank
96 170815M1_96	---	1701013-08 06302810001010_2017 0.1142	06302810001010_2017	0.1142	2:39	Analyte
97 170815M1_97	---	1701013-09 064P50000001700_2017 0.12061	064P50000001700_2017	0.1206	2:40	Analyte
98 170815M1_98	---	1701013-10 064V50000000200_2017 0.11516	064V50000000200_2017	0.1152	2:41	Analyte
99 170815M1_99	---	1701013-11 LabDI_2017 0.11964	LabDI_2017	0.1196	2:42	Analyte
100 170815M1_100	---	1701022-01 Lagoon (420-124769-1) 0.24019	Lagoon (420-124769-1)	0.2402	2:43	Analyte
101 170815M1_101	---	1701023-01 SB01-20170807 0.11872	SB01-20170807	0.1187	2:44	Analyte
102 170815M1_102	---	1701023-02 EB01-20170807 0.11734	EB01-20170807	0.1173	2:45	Analyte
103 170815M1_103	---	1701023-03 OUA1-MW08-20170807 0.1175	OUA1-MW08-20170807	0.1175	2:46	Analyte
104 170815M1_104	---	1701023-04 OUA1-HS03-20170807 0.11075	OUA1-HS03-20170807	0.1108	2:47	Analyte
105 170815M1_105	---	1701023-05 EB02-20170808 0.11203	EB02-20170808	0.1120	2:48	Analyte
106 170815M1_106	---	IPA	IPA	1.0000	1:48	Blank
107 170815M1_107	X	ST170815M1-7 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:4	Analyte
108 170815M1_108	---	IPA	IPA	1.0000	1:48	Blank
109 170815M1_109	---	B7H0086-BLK1 Method Blank 1	Method Blank	1.0000	1:5	Analyte
110 170815M1_110	---	B7H0086-BS1 OPR 1	OPR	1.0000	1:6	Analyte
111 170815M1_111	---	B7H0086-BS2 OPR 1	OPR	1.0000	1:7	Analyte
112 170815M1_112	---	B7H0086-BS3 OPR 1	OPR	1.0000	1:8	Analyte
113 170815M1_113	---	B7H0086-BS4 OPR 1	OPR	1.0000	1:9	Analyte
114 170815M1_114	---	B7H0086-BS5 OPR 1	OPR	1.0000	1:10	Analyte
115 170815M1_115	---	1700813-01 RE1 LOD/LOQ Full List DoD 3Q17	LOD/LOQ Full List DoD 3Q17	1.0000	1:11	Analyte
116 170815M1_116	---	IPA	IPA	1.0000	1:48	Blank
117 170815M1_117	X	ST170815M1-8 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:4	Analyte
118 170815M1_118	---	IPA	IPA	1.0000	1:48	Blank
119 170815M1_119	---	170814_1034_3	170814_1034_3	1.0000	1:12	Blank
120 170815M1_120	---	170814_1034_4	170814_1034_4	1.0000	1:13	Blank

Sample List Report**MassLynx MassLynx V4.1 SCN945 SCN960**

Sample List: U:\Q4.PRO\SampleDB\170815M1.SPL
Last Modified: Tuesday, August 15, 2017 17:54:39 Pacific Daylight Time
Printed: Tuesday, August 15, 2017 17:55:26 Pacific Daylight Time

Page 7 of 8

Page Position (1, 4)

	File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
121	170815M1_121	---	170814_1034_6	170814_1034_6	1.0000	1:14	Blank
122	170815M1_122	---	IPA	IPA	1.0000	1:48	Blank
123	170815M1_123	---	125ml 1:1 ACN/MeOH	125ml 1:1 ACN/MeOH	1.0000	1:15	Blank
124	170815M1_124	---	125ml MeOH Rinse 1	125ml MeOH Rinse 1	1.0000	1:16	Blank
125	170815M1_125	---	125ml MeOH Rinse 2	125ml MeOH Rinse 2	1.0000	1:17	Blank
126	170815M1_126	---	IPA	IPA	1.0000	1:48	Blank

Dataset: U:\Q4.PRO\results\170815M1\170815M1-68.qld

Last Altered: Wednesday, August 16, 2017 09:55:00 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 09:55:55 Pacific Daylight Time

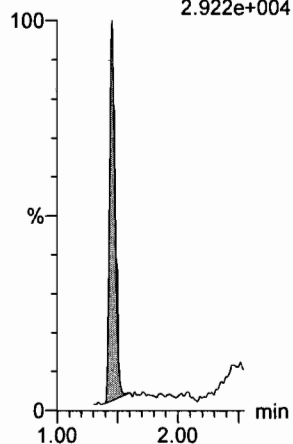
Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170815M1_68, Date: 16-Aug-2017, Time: 01:21:59, ID: ST170815M1-4 PFC CS0 17H1504, Description: PFC CS0 17H1504

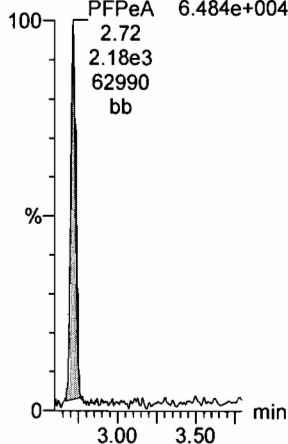
PFBA

F1:MRM of 2 channels,ES-
213.0 > 168.8
2.922e+004



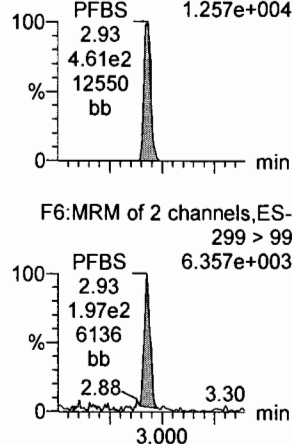
PFPeA

F4:MRM of 1 channel,ES-
263.1 > 218.9
6.484e+004



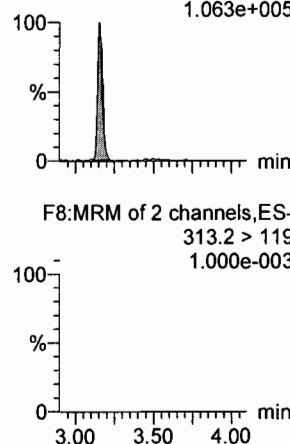
PFBS

F6:MRM of 2 channels,ES-
299 > 79.7
1.257e+004



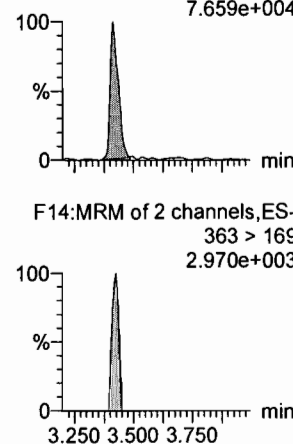
PFHxA

F8:MRM of 2 channels,ES-
313.2 > 268.9
1.063e+005



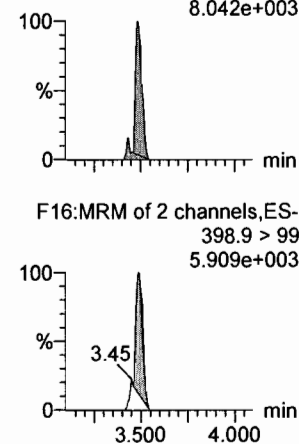
PFHpA

F14:MRM of 2 channels,ES-
363 > 318.9
7.659e+004



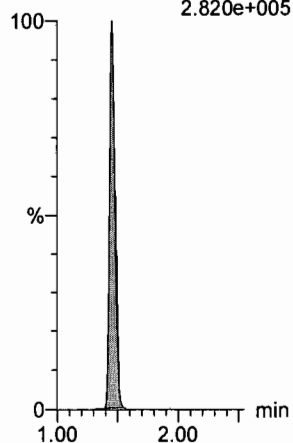
PFHxS

F16:MRM of 2 channels,ES-
398.9 > 79.6
8.042e+003



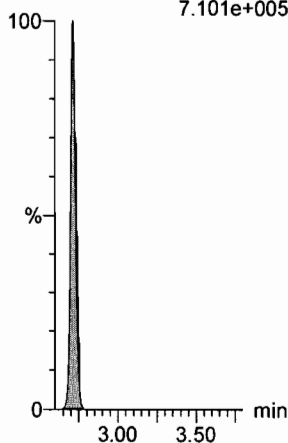
13C3-PFBA

F2:MRM of 1 channel,ES-
216.1 > 171.8
2.820e+005



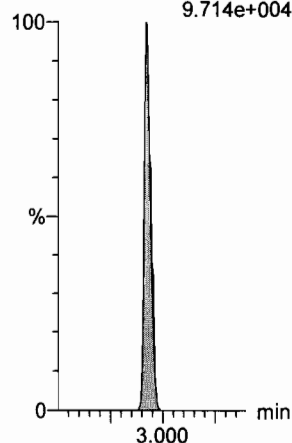
13C3-PFPeA

F5:MRM of 1 channel,ES-
266 > 221.8
7.101e+005



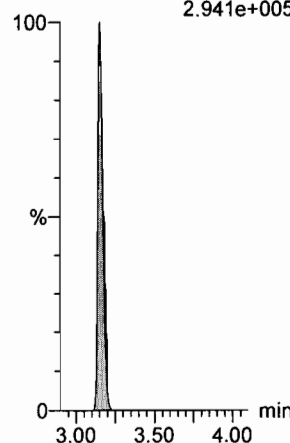
13C3-PFBS

F7:MRM of 1 channel,ES-
302 > 98.8
9.714e+004



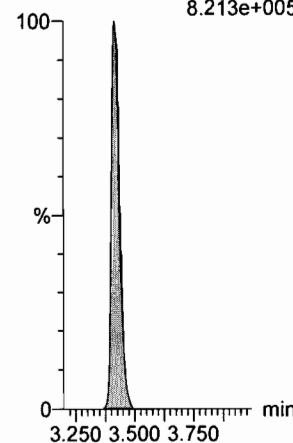
13C2-PFHxA

F9:MRM of 1 channel,ES-
315 > 269.8
2.941e+005



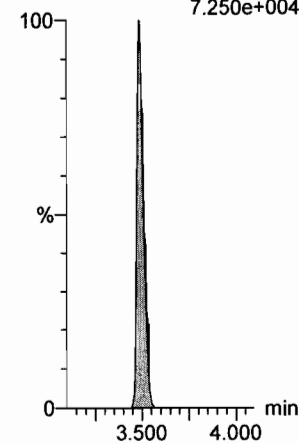
13C4-PFHpA

F15:MRM of 1 channel,ES-
367.2 > 321.8
8.213e+005



18O2-PFHxS

F18:MRM of 1 channel,ES-
403 > 102.6
7.250e+004



Dataset: U:\Q4.PRO\results\170815M1\170815M1-68.qld

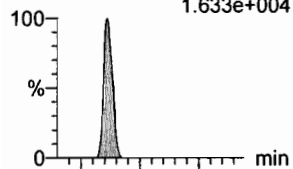
Last Altered: Wednesday, August 16, 2017 09:55:00 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 09:55:55 Pacific Daylight Time

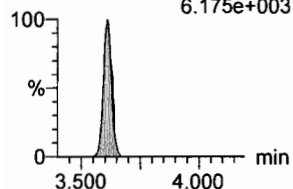
Name: 170815M1_68, Date: 16-Aug-2017, Time: 01:21:59, ID: ST170815M1-4 PFC CS0 17H1504, Description: PFC CS0 17H1504

6:2 FTS

F22:MRM of 2 channels,ES-
427.1 > 407
1.633e+004

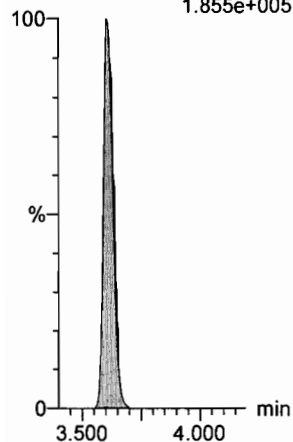


F22:MRM of 2 channels,ES-
427.1 > 80
6.175e+003



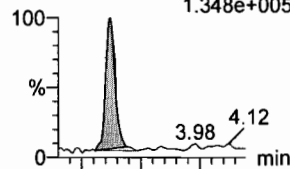
13C2-6:2 FTS

F23:MRM of 1 channel,ES-
429.1 > 408.9
1.855e+005

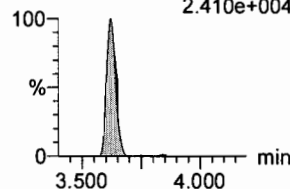


PFOA

F19:MRM of 2 channels,ES-
413 > 368.7
1.348e+005

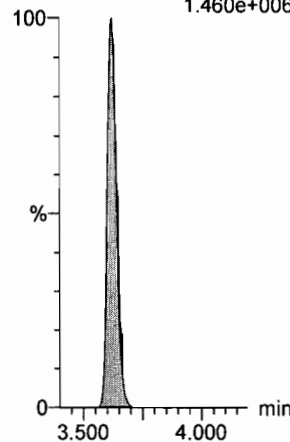


F19:MRM of 2 channels,ES-
413 > 169
2.410e+004



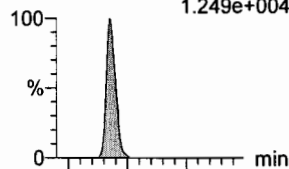
13C2-PFOA

F20:MRM of 1 channel,ES-
414.9 > 369.7
1.460e+006

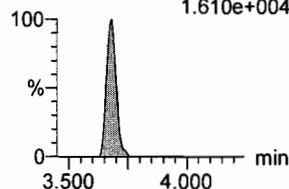


PFHpS

F24:MRM of 4 channels,ES-
448.9 > 98.8
1.249e+004

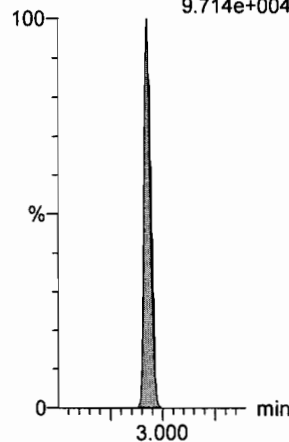


F24:MRM of 4 channels,ES-
448.9 > 79.9
1.610e+004



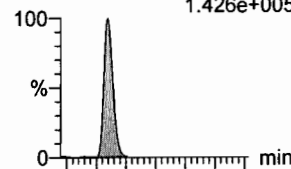
13C3-PFBS

F7:MRM of 1 channel,ES-
302 > 98.8
9.714e+004

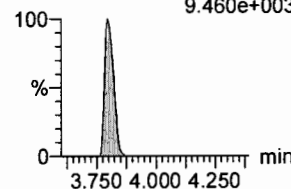


PFNA

F25:MRM of 2 channels,ES-
462.9 > 418.8
1.426e+005

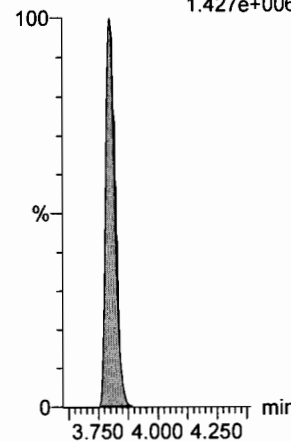


F25:MRM of 2 channels,ES-
462.9 > 219
9.460e+003



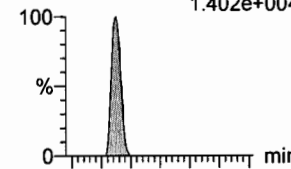
13C5-PFNA

F26:MRM of 1 channel,ES-
468.2 > 422.9
1.427e+006

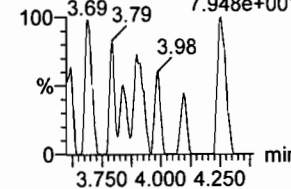


PFOSA

F28:MRM of 2 channels,ES-
498.1 > 77.8
1.402e+004

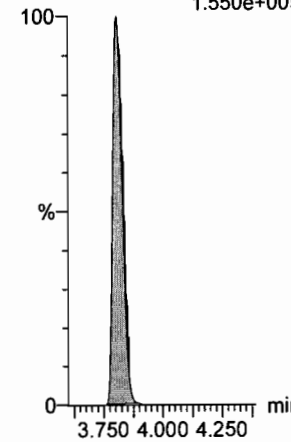


F28:MRM of 2 channels,ES-
498.1 > 478
7.948e+001



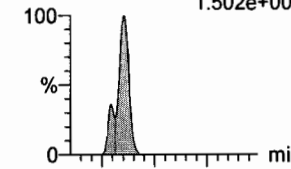
13C8-PFOSA

F32:MRM of 1 channel,ES-
506.1 > 77.7
1.550e+005

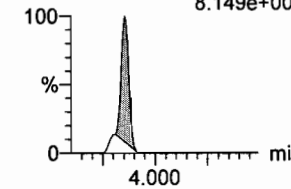


PFOS

F30:MRM of 2 channels,ES-
499 > 79.9
1.502e+004

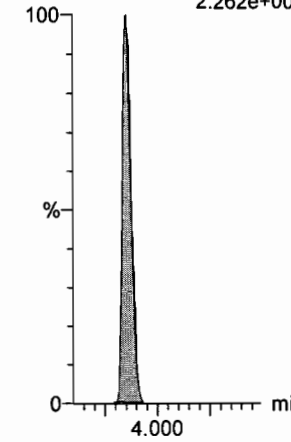


F30:MRM of 2 channels,ES-
499 > 99
8.149e+003



13C8-PFOS

F33:MRM of 1 channel,ES-
507 > 79.9
2.262e+005



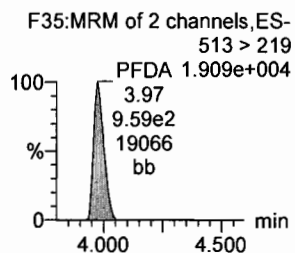
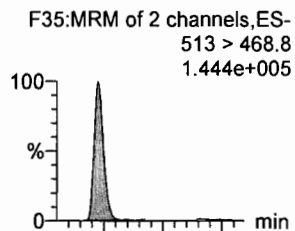
Dataset: U:\Q4.PRO\results\170815M1\170815M1-68.qld

Last Altered: Wednesday, August 16, 2017 09:55:00 Pacific Daylight Time

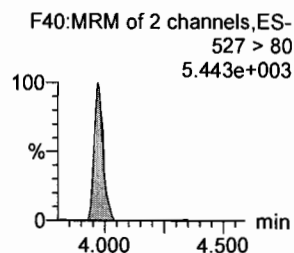
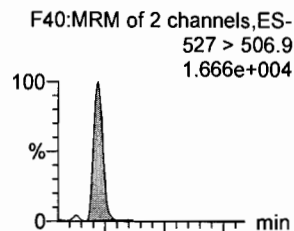
Printed: Wednesday, August 16, 2017 09:55:55 Pacific Daylight Time

Name: 170815M1_68, Date: 16-Aug-2017, Time: 01:21:59, ID: ST170815M1-4 PFC CS0 17H1504, Description: PFC CS0 17H1504

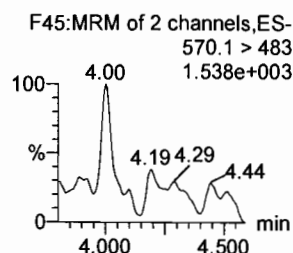
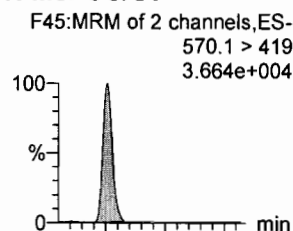
PFDA



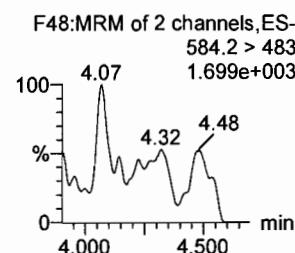
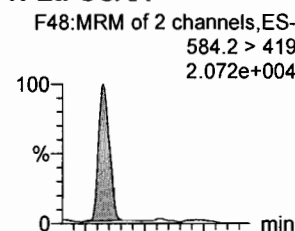
8:2 FTS



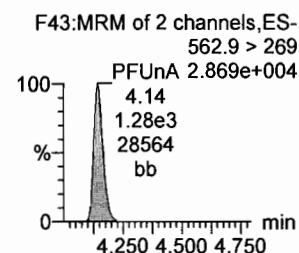
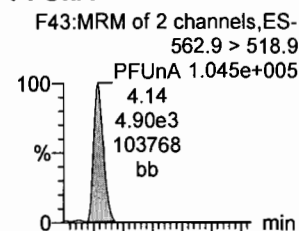
N-MeFOSAA



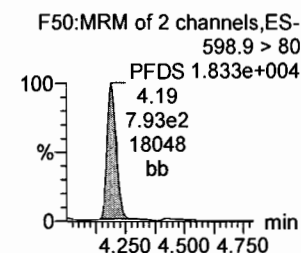
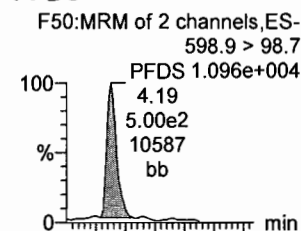
N-EtFOSAA



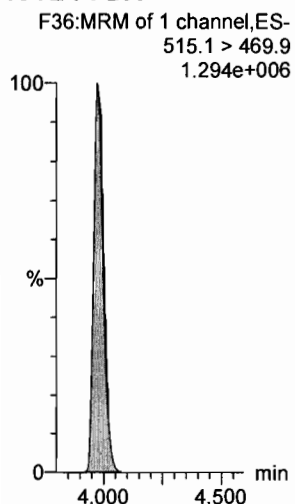
PFUnA



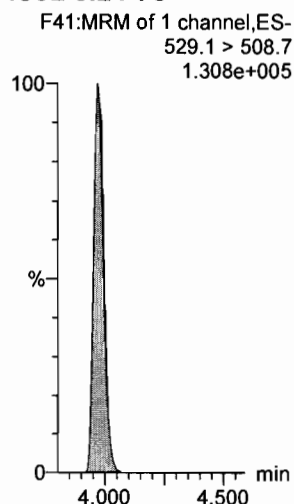
PFDS



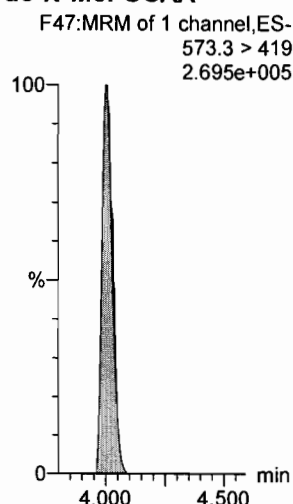
13C2-PFDA



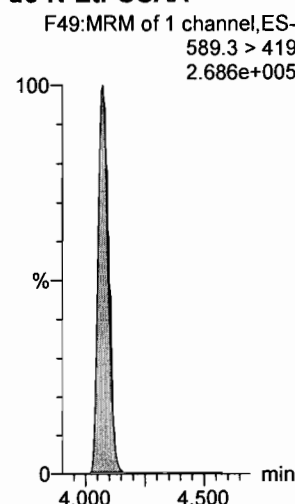
13C2-8:2 FTS



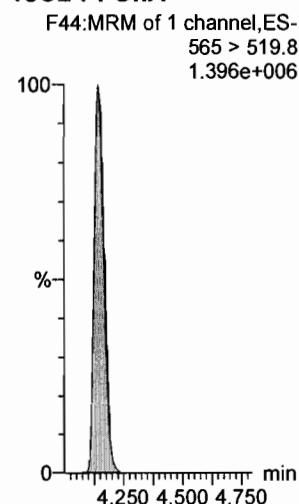
d3-N-MeFOSAA



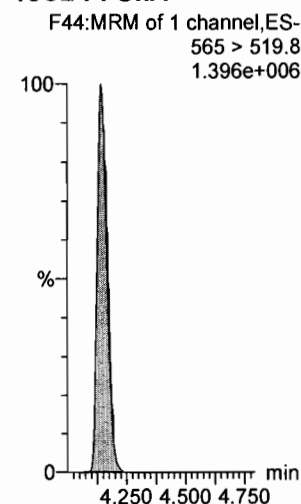
d5-N-EtFOSAA



13C2-PFUnA



13C2-PFUnA



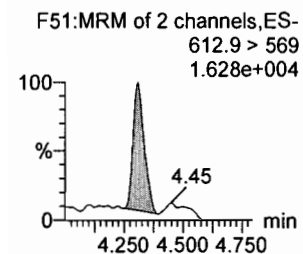
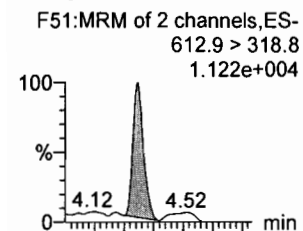
Dataset: U:\Q4.PRO\results\170815M1\170815M1-68.qld

Last Altered: Wednesday, August 16, 2017 09:55:00 Pacific Daylight Time

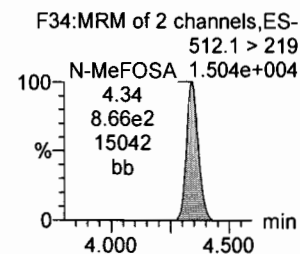
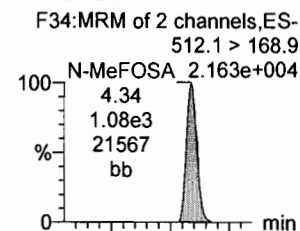
Printed: Wednesday, August 16, 2017 09:55:55 Pacific Daylight Time

Name: 170815M1_68, Date: 16-Aug-2017, Time: 01:21:59, ID: ST170815M1-4 PFC CS0 17H1504, Description: PFC CS0 17H1504

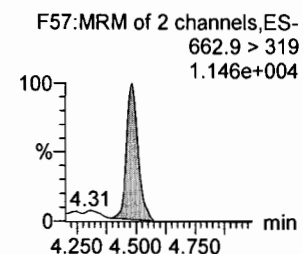
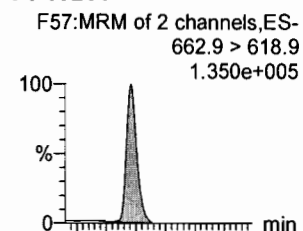
PFDaA



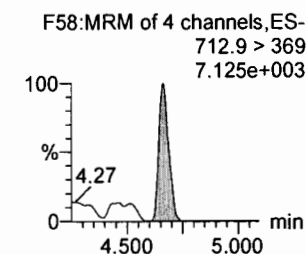
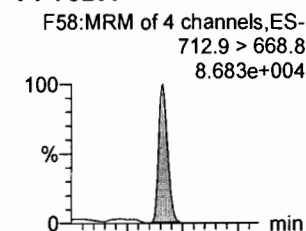
N-MeFOSA



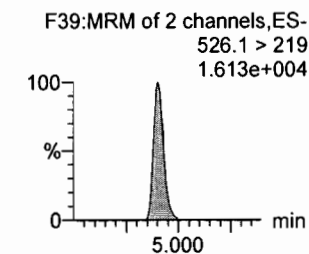
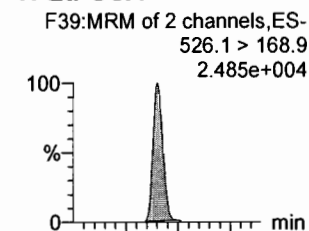
PFTrDA



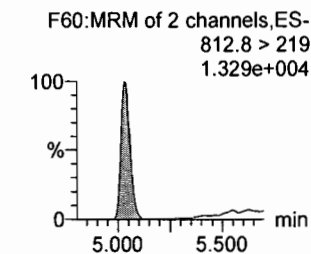
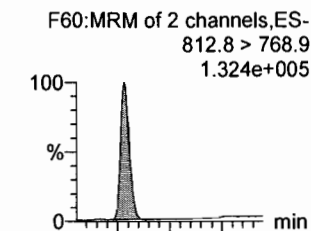
PFTeDA



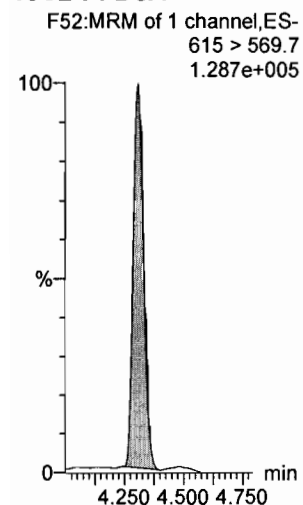
N-EtFOSA



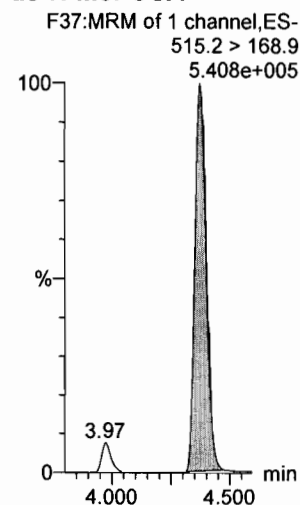
PFHxDA



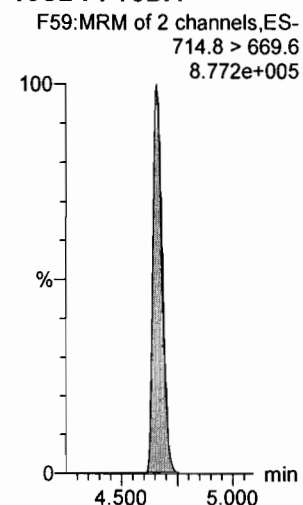
13C2-PFDaA



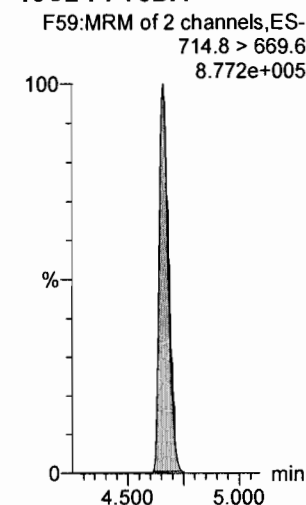
d3-N-MeFOSA



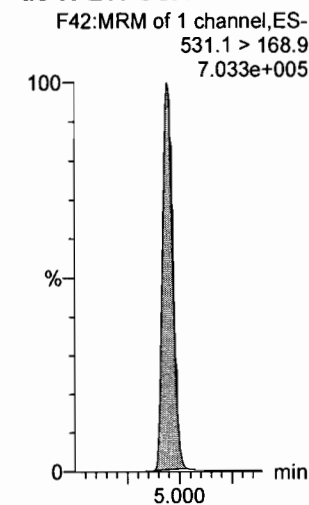
13C2-PFTeDA



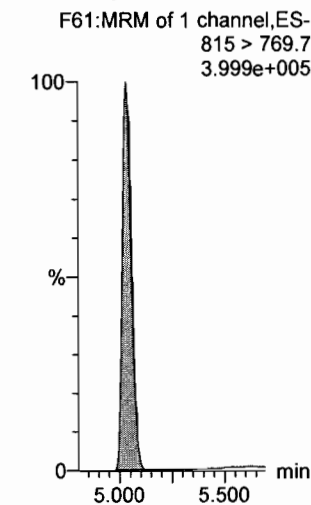
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



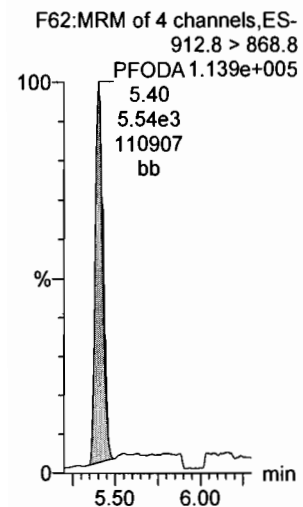
Dataset: U:\Q4.PRO\results\170815M1\170815M1-68.qld

Last Altered: Wednesday, August 16, 2017 09:55:00 Pacific Daylight Time

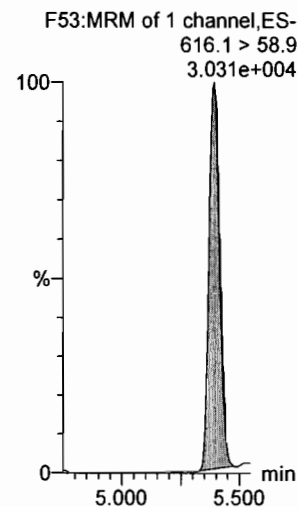
Printed: Wednesday, August 16, 2017 09:55:55 Pacific Daylight Time

Name: 170815M1_68, Date: 16-Aug-2017, Time: 01:21:59, ID: ST170815M1-4 PFC CS0 17H1504, Description: PFC CS0 17H1504

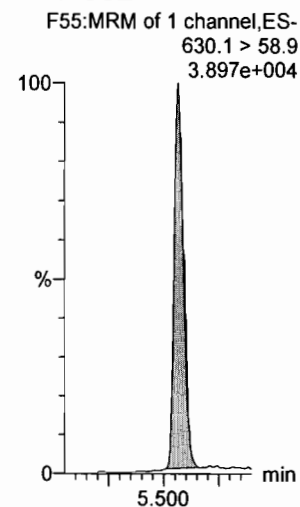
PFODA



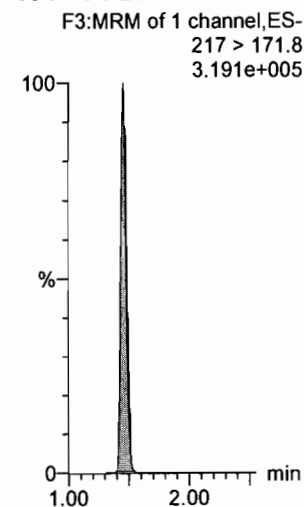
N-MeFOSE



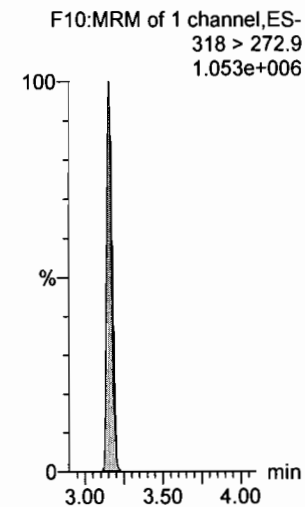
N-EtFOSE



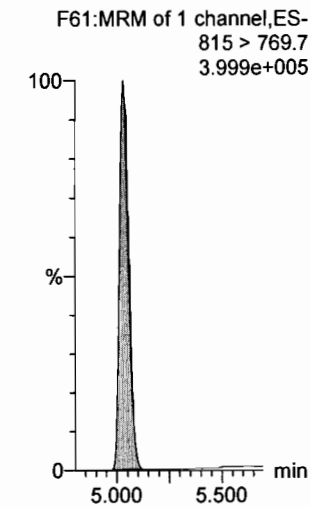
13C4-PFBA



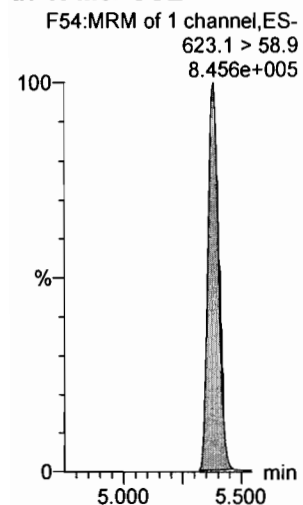
13C5-PFHxA



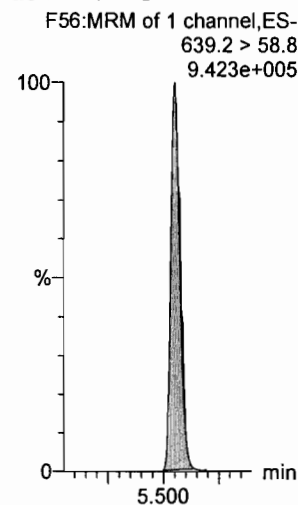
13C2-PFHxDA



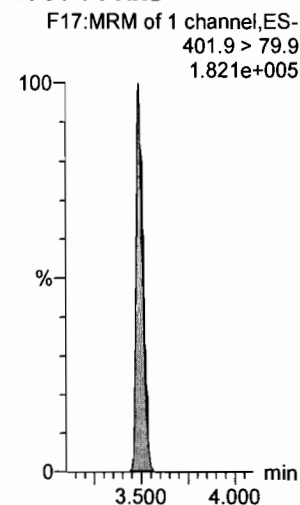
d7-N-MeFOSE



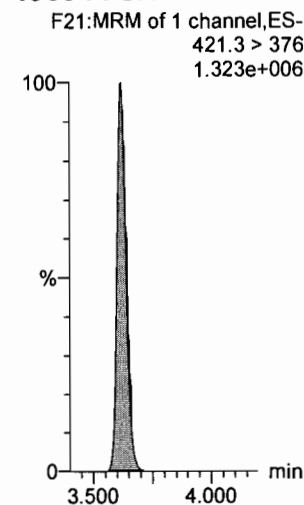
d9-N-EtFOSE



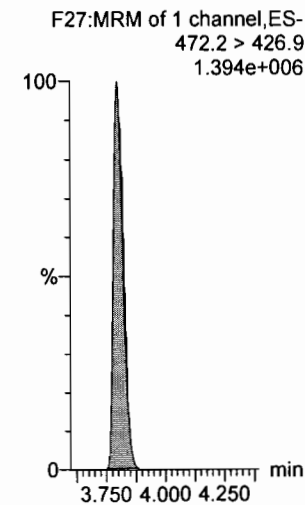
13C3-PFHxS



13C8-PFOA



13C9-PFNA



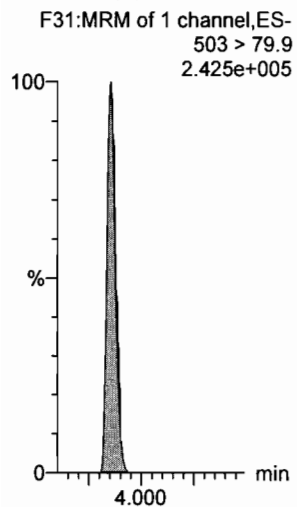
Dataset: U:\Q4.PRO\results\170815M1\170815M1-68.qld

Last Altered: Wednesday, August 16, 2017 09:55:00 Pacific Daylight Time

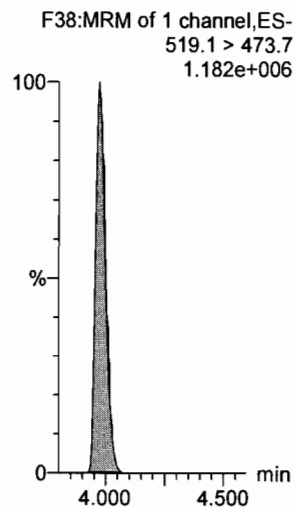
Printed: Wednesday, August 16, 2017 09:55:55 Pacific Daylight Time

Name: 170815M1_68, Date: 16-Aug-2017, Time: 01:21:59, ID: ST170815M1-4 PFC CS0 17H1504, Description: PFC CS0 17H1504

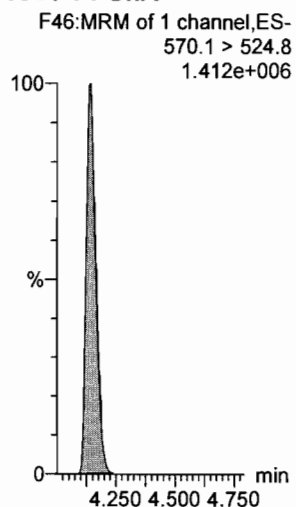
13C4-PFOS



13C6-PFDA



13C7-PFUnA



Dataset: U:\Q4.PRO\results\170815M1\170815M1-94.qld

Last Altered: Wednesday, August 16, 2017 15:40:02 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:40:33 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170815M1_94, Date: 16-Aug-2017, Time: 06:01:06, ID: ST170815M1-6 PFC CS3 17H1505, Description: PFC CS3 17H1505

	# Name	Trace	Area	IS Resp	RRF	Wt./Vol	RT	Conc.	%Rec
1	1 PFBA	213.0 > 168.8	12577.133	13717.444		1.000	1.46	10.45	104.50
2	2 PFPeA	263.1 > 218.9	20274.781	25801.686		1.000	2.72	10.29	102.88
3	3 PFBS	299 > 79.7	4445.031	3058.367		1.000	2.93	10.50	105.02
4	4 PFHxA	313.2 > 268.9	32219.818	11847.941		1.000	3.16	10.27	102.67
5	5 PFHpA	363 > 318.9	29661.357	29536.311		1.000	3.42	10.64	106.44
6	6 PFHxS	398.9 > 79.6	3781.545	2682.655		1.000	3.50	10.01	100.14
7	7 6:2 FTS	427.1 > 407	6999.493	7990.896		1.000	3.62	11.78	117.75
8	8 PFOA	413 > 368.7	46404.746	57085.930		1.000	3.62	10.21	102.10
9	9 PFHpS	448.9 > 98.8	4469.182	57085.930		1.000	3.69	12.35	123.46
10	10 PFNA	462.9 > 418.8	56626.066	64889.305		1.000	3.81	10.61	106.09
11	11 PFOSA	498.1 > 77.8	5959.194	6928.314		1.000	3.82	10.21	102.11
12	12 PFOS	499 > 79.9	10023.019	11316.247		1.000	3.86	10.42	104.17
13	13 PFDA	513 > 468.8	65611.836	65470.828		1.000	3.98	10.97	109.73
14	14 8:2 FTS	527 > 506.9	6447.933	6067.666		1.000	3.97	9.58	95.82
15	15 N-MeFOSAA	570.1 > 419	16144.552	12810.007		1.000	4.01	10.60	106.02
16	16 N-EtFOSAA	584.2 > 419	12845.959	13342.618		1.000	4.08	9.99	99.90
17	17 PFUnA	562.9 > 518.9	44920.383	62167.402		1.000	4.15	11.08	110.81
18	18 PFDS	598.9 > 98.7	4669.707	62167.402		1.000	4.19	11.40	113.97
19	19 PFDoA	612.9 > 318.8	5019.142	7195.325		1.000	4.31	10.41	104.11
20	20 N-MeFOSA	512.1 > 168.9	10625.944	30940.916		1.000	4.35	57.73	115.45
21	21 PFTDA	662.9 > 618.9	62560.207	7195.325		1.000	4.48	10.72	107.22
22	22 PFTeDA	712.9 > 668.8	41161.109	45919.172		1.000	4.66	9.79	97.90
23	23 N-EtFOSA	526.1 > 168.9	12967.112	40890.199		1.000	4.91	53.66	107.33
24	24 PFHxDA	812.8 > 768.9	60056.645	22253.605		1.000	5.04	9.30	92.96
25	25 PFODA	912.8 > 868.8	55639.215	22253.605		1.000	5.41	9.76	97.56
26	26 N-MeFOSE	616.1 > 58.9	15863.131	45985.082		1.000	5.39	55.61	111.23
27	27 N-EtFOSE	630.1 > 58.9	17580.434	45756.453		1.000	5.57	54.23	108.46
28	28 13C3-PFBA	216.1 > 171.8	13717.444	15178.769	0.906	1.000	1.46	12.47	99.77
29	29 13C3-PFPeA	266 > 221.8	25801.686	38179.992	0.284	1.000	2.72	11.90	95.22
30	30 13C3-PFBS	302 > 98.8	3058.367	38179.992	0.033	1.000	2.93	12.18	97.45
31	31 13C2-PFHxA	315 > 269.8	11847.941	38179.992	0.304	1.000	3.16	5.11	102.20

Dataset: U:\Q4.PRO\results\170815M1\170815M1-94.qld

Last Altered: Wednesday, August 16, 2017 15:40:02 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:40:33 Pacific Daylight Time

Name: 170815M1_94, Date: 16-Aug-2017, Time: 06:01:06, ID: ST170815M1-6 PFC CS3 17H1505, Description: PFC CS3 17H1505

	# Name	Trace	Area	IS Resp	RRF	Wt./Vol	RT	Conc.	%Rec
32	32 13C4-PFHpA	367.2 > 321.8	29536.311	38179.992	0.384	1.000	3.42	10.07	80.57
33	33 18O2-PFHxS	403 > 102.6	2682.655	6551.791	0.417	1.000	3.49	12.27	98.16
34	34 13C2-6:2 FTS	429.1 > 408.9	7990.896	50169.652	0.202	1.000	3.62	9.87	78.96
35	35 13C2-PFOA	414.9 > 369.7	57085.930	50169.652	1.132	1.000	3.62	12.56	100.50
36	36 13C5-PFNA	468.2 > 422.9	64889.305	76146.336	0.946	1.000	3.81	11.26	90.07
37	37 13C8-PFOSA	506.1 > 77.7	6928.314	63392.133	0.119	1.000	3.81	11.44	91.52
38	38 13C8-PFOS	507 > 79.9	11316.247	11025.852	1.040	1.000	3.86	12.34	98.70
39	39 13C2-PFDA	515.1 > 469.9	65470.828	60597.352	0.971	1.000	3.98	13.91	111.25
40	40 13C2-8:2 FTS	529.1 > 508.7	6067.666	60597.352	0.140	1.000	3.98	8.92	71.38
41	41 d3-N-MeFOSAA	573.3 > 419	12810.007	63392.133	0.018	1.000	4.01	142.00	87.38
42	42 d5-N-EiFOSAA	589.3 > 419	13342.618	63392.133	0.018	1.000	4.08	144.31	88.81
43	43 13C2-PFUnA	565 > 519.8	62167.402	63392.133	1.085	1.000	4.15	11.30	90.37
44	44 13C2-PFDoA	615 > 569.7	7195.325	63392.133	0.123	1.000	4.32	11.52	92.18
45	45 d3-N-MeFOSA	515.2 > 168.9	30940.916	63392.133	0.043	1.000	4.38	141.01	94.01
46	46 13C2-PFTeDA	714.8 > 669.6	45919.172	63392.133	0.798	1.000	4.66	11.35	90.80
47	47 d5-N-ETFOSA	531.1 > 168.9	40890.199	63392.133	0.056	1.000	4.95	144.81	96.54
48	48 13C2-PFHxDA	815 > 769.7	22253.605	63392.133	0.926	1.000	5.04	4.74	94.73
49	49 d7-N-MeFOSE	623.1 > 58.9	45985.082	63392.133	0.059	1.000	5.38	152.54	101.69
50	50 d9-N-EiFOSE	639.2 > 58.8	45756.453	63392.133	0.059	1.000	5.55	151.69	101.12
51	51 13C4-PFBA	217 > 171.8	15178.769	15178.769	1.000	1.000	1.46	12.50	100.00
52	52 13C5-PFHxA	318 > 272.9	38179.992	38179.992	1.000	1.000	3.16	5.00	100.00
53	53 13C3-PFHxS	401.9 > 79.9	6551.791	6551.791	1.000	1.000	3.50	12.50	100.00
54	54 13C8-PFOA	421.3 > 376	50169.652	50169.652	1.000	1.000	3.62	12.50	100.00
55	55 13C9-PFNA	472.2 > 426.9	76146.336	76146.336	1.000	1.000	3.81	12.50	100.00
56	56 13C4-PFOS	503 > 79.9	11025.852	11025.852	1.000	1.000	3.86	12.50	100.00
57	57 13C6-PFDA	519.1 > 473.7	60597.352	60597.352	1.000	1.000	3.98	12.50	100.00
58	58 13C7-PFUnA	570.1 > 524.8	63392.133	63392.133	1.000	1.000	4.15	12.50	100.00

30-50

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170815M1.SPL
Last Modified: Tuesday, August 15, 2017 13:50:57 Pacific Daylight Time
Printed: Tuesday, August 15, 2017 13:51:10 Pacific Daylight Time

Page 1 of 2

Page Position (1, 1)

File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
1 170815M1_1	---	IPA	IPA	1.0000	1:48	Blank
2 170815M1_2	X	ST170815M1-1 PFC CS0 17H1302	PFC CS0 17H1302	1.0000	1:1	Analyte
3 170815M1_3	---	IPA	IPA	1.0000	1:48	Blank
4 170815M1_4	-	B7H0078-BS1 OPR 0.125	OPR	0.1250	1:15	Analyte
5 170815M1_5	---	IPA	IPA	1.0000	1:48	Blank
6 170815M1_6	-	B7H0078-BLK1 Method Blank 0.125	Method Blank	0.1250	1:16	Analyte
7 170815M1_7	-	B7H0078-MS1 Matrix Spike 0.125	Matrix Spike	0.1250	1:17	Analyte
8 170815M1_8	-	B7H0078-MSD1 Matrix Spike Dup 0.125	Matrix Spike Dup	0.1250	1:18	Analyte
9 170815M1_9	-	1700907-04RE1@20 AT028-MW17-06-071717-1300 0.12053	AT028-MW17-06-071717-1300	0.1205	1:33	Analyte
10 170815M1_10	---	IPA	IPA	1.0000	1:48	Blank
11 170815M1_11	-	1700862-01RE1 WS 252 0.00025	WS 252	0.0003	1:19	Analyte
12 170815M1_12	-	1700907-04RE1 AT028-MW17-06-071717-1300 0.12053	AT028-MW17-06-071717-1300	0.1205	1:20	Analyte
13 170815M1_13	---	IPA	IPA	1.0000	1:48	Blank
14 170815M1_14	-	1701031-01 BANGR-03-GW-TW03-080817 0.125	BANGR-03-GW-TW03-080817	0.1250	1:21	Analyte
15 170815M1_15	-	1701031-02 BANGR-05-GW-TW05-080817 0.125	BANGR-05-GW-TW05-080817	0.1250	1:22	Analyte
16 170815M1_16	-	1701031-03 BANGR-06-GW-TW06-080917 0.125	BANGR-06-GW-TW06-080917	0.1250	1:23	Analyte
17 170815M1_17	-	1701031-04 BANGR-12-GW-TW12-080817 0.125	BANGR-12-GW-TW12-080817	0.1250	1:24	Analyte
18 170815M1_18	-	1701034-01 SB01-20170808 0.125	SB01-20170808	0.1250	1:25	Analyte
19 170815M1_19	-	1701034-02 Site1-GW-01TW03-20170808 0.125	Site1-GW-01TW03-20170808	0.1250	1:26	Analyte
20 170815M1_20	-	1701034-03 Site1-GW-01TW01-20170808 0.125	Site1-GW-01TW01-20170808	0.1250	1:27	Analyte
21 170815M1_21	-	1701034-04 Site1-GW-FD01-20170808 0.125	Site1-GW-FD01-20170808	0.1250	1:28	Analyte
22 170815M1_22	-	1701034-05 EB01-20170808 0.125	EB01-20170808	0.1250	1:29	Analyte
23 170815M1_23	---	IPA	IPA	1.0000	1:48	Blank
24 170815M1_24	X	ST170815M1-2 PFC CS3 17H1301	PFC CS3 17H1301	1.0000	1:2	Analyte
25 170815M1_25	---	IPA	IPA	1.0000	1:48	Blank
26 170815M1_26	-	1701034-06 Site1-GW-01TW02-20170808 0.125	Site1-GW-01TW02-20170808	0.1250	1:30	Analyte
27 170815M1_27	-	1701038-01 OC-PFC-MW04R-0817 0.125	OC-PFC-MW04R-0817	0.1250	1:31	Analyte
28 170815M1_28	-	1701038-02 OC-PFC-EB081017 0.125	OC-PFC-EB081017	0.1250	1:32	Analyte
29 170815M1_29	---	IPA	IPA	1.0000	1:48	Blank
30 170815M1_30	X	ST170815M1-3 PFC CS3 17H1301	PFC CS3 17H1301	1.0000	1:2	Analyte
31 170815M1_31	---	IPA	IPA	1.0000	1:48	Blank

Ⓐ Re-injected because ITS AREA was at the 1st time. On 8/15/17

Ⓑ Instrument paused to adjust windows. On 8/15/17

Ⓒ Instrument paused to load sample on tray. On 8/15/17

Work Order 1701023 added, see corrected.

On 8/15/17

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170815M1.SPL
Last Modified: Tuesday, August 15, 2017 17:54:39 Pacific Daylight Time
Printed: Tuesday, August 15, 2017 17:55:26 Pacific Daylight Time

Page 1 of 8

Page Position (1, 1)

	File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
1	170815M1_1	---	IPA	IPA	1.0000	1:48	Blank
2	170815M1_2	X	ST170815M1-1 PFC CS0 17H1302	PFC CS0 17H1302	1.0000	1:1	Analyte
3	170815M1_3	---	IPA	IPA	1.0000	1:48	Blank
4	170815M1_4	-	B7H0078-BS1 OPR 0.125	OPR	0.1250	1:15	Analyte
5	170815M1_5	---	IPA	IPA	1.0000	1:48	Blank
6	170815M1_6	-	B7H0078-BLK1 Method Blank 0.125	Method Blank	0.1250	1:16	Analyte
7	170815M1_7	-	B7H0078-MS1 Matrix Spike 0.125	Matrix Spike	0.1250	1:17	Analyte
8	170815M1_8	-	B7H0078-MSD1 Matrix Spike Dup 0.125	Matrix Spike Dup	0.1250	1:18	Analyte
9	170815M1_9	-	1700907-04RE1@20 AT028-MW17-06-071717-1300 0.12053	AT028-MW17-06-071717-1300	0.1205	1:33	Analyte
10	170815M1_10	---	IPA	IPA	1.0000	1:48	Blank
11	170815M1_11	-	1700862-01RE1 WS 252 0.00025	WS 252	0.0003	1:19	Analyte
12	170815M1_12	-	1700907-04RE1 AT028-MW17-06-071717-1300 0.12053	AT028-MW17-06-071717-1300	0.1205	1:20	Analyte
13	170815M1_13	---	IPA	IPA	1.0000	1:48	Blank
14	170815M1_14	-	1701031-01 BANGR-03-GW-TW03-080817 0.125	BANGR-03-GW-TW03-080817	0.1250	1:21	Analyte
15	170815M1_15	-	1701031-02 BANGR-05-GW-TW05-080817 0.125	BANGR-05-GW-TW05-080817	0.1250	1:22	Analyte
16	170815M1_16	-	1701031-03 BANGR-06-GW-TW06-080917 0.125	BANGR-06-GW-TW06-080917	0.1250	1:23	Analyte
17	170815M1_17	-	1701031-04 BANGR-12-GW-TW12-080817 0.125	BANGR-12-GW-TW12-080817	0.1250	1:24	Analyte
18	170815M1_18	-	1701034-01 SB01-20170808 0.125	SB01-20170808	0.1250	1:25	Analyte
19	170815M1_19	-	1701034-02 Site1-GW-01TW03-20170808 0.125	Site1-GW-01TW03-20170808	0.1250	1:26	Analyte
20	170815M1_20	-	1701034-03 Site1-GW-01TW01-20170808 0.125	Site1-GW-01TW01-20170808	0.1250	1:27	Analyte
21	170815M1_21	-	1701034-04 Site1-GW-FD01-20170808 0.125	Site1-GW-FD01-20170808	0.1250	1:28	Analyte
22	170815M1_22	-	1701034-05 EB01-20170808 0.125	EB01-20170808	0.1250	1:29	Analyte
23	170815M1_23	---	IPA	IPA	1.0000	1:48	Blank
24	170815M1_24	X	ST170815M1-2 PFC CS3 17H1301	PFC CS3 17H1301	1.0000	1:2	Analyte
25	170815M1_25	---	IPA	IPA	1.0000	1:48	Blank
26	170815M1_26	-	1701034-06 Site1-GW-01TW02-20170808 0.125	Site1-GW-01TW02-20170808	0.1250	1:30	Analyte
27	170815M1_27	-	1701038-01 OC-PFC-MW04R-0817 0.125	OC-PFC-MW04R-0817	0.1250	1:31	Analyte
28	170815M1_28	-	1701038-02 OC-PFC-EB081017 0.125	OC-PFC-EB081017	0.1250	1:32	Analyte
29	170815M1_29	---	B7H0035-BS1 OPR 0.125	OPR	0.1250	1:33	Analyte
30	170815M1_30	---	IPA	IPA	1.0000	1:48	Blank
31	170815M1_31	---	B7H0035-BLK1 Method Blank 0.125	Method Blank	0.1250	1:34	Analyte
32	170815M1_32	---	B7H0035-MS1 Matrix Spike 0.11511	Matrix Spike	0.1151	1:35	Analyte
33	170815M1_33	---	B7H0035-MSD1 Matrix Spike Dup 0.11806	Matrix Spike Dup	0.1181	1:36	Analyte
34	170815M1_34	---	1700980-01 IR09MW61A-080217 0.10744	IR09MW61A-080217	0.1074	1:37	Analyte
35	170815M1_35	---	1700980-02 IR09MW62A-080217 0.11271	IR09MW62A-080217	0.1127	1:38	Analyte
36	170815M1_36	---	IPA	IPA	0.1127	1:39	Analyte
37	170815M1_37	---	1700980-03 IR09P040A-080217 0.11721	IR09P040A-080217	0.1172	1:40	Analyte
38	170815M1_38	---	1700980-04 IR10MW28A-080217 0.1175	IR10MW28A-080217	0.1175	1:41	Analyte
39	170815M1_39	---	1700980-05 080217-FB-01 0.12184	080217-FB-01	0.1218	1:42	Analyte
40	170815M1_40	---	1700980-06 IR10MW13A1-080217 0.12103	IR10MW13A1-080217	0.1210	1:43	Analyte

Work Order d7A10023
Instrument paused to load samples on 8/15/17

on 8/15/17

Page 110 of 338

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170815M1.SPL
 Last Modified: Tuesday, August 15, 2017 17:54:39 Pacific Daylight Time
 Printed: Tuesday, August 15, 2017 17:55:26 Pacific Daylight Time

Page 3 of 8

Page Position (1, 2)

	File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
41	170815M1_41	---	IPA	IPA	1.0000	1:48	Blank
42	170815M1_42	X	ST170815M1-3 PFC CS3 17H1301	PFC CS3 17H1301	1.0000	1:2	Analyte
43	170815M1_43	---	IPA	IPA	1.0000	1:48	Blank
44	170815M1_44	---	1700980-07 IR10MW31A1-080217 0.12279	IR10MW31A1-080217	0.1228	1:44	Analyte
45	170815M1_45	---	1700980-08 IR10MW31A1-080217-D 0.11964	IR10MW31A1-080217-D	0.1196	1:45	Analyte
46	170815M1_46	---	1700980-09 080217-ER-01 0.11911	080217-ER-01	0.1191	1:46	Analyte
47	170815M1_47	---	1700980-10 080217-SB-01 0.11909	080217-SB-01	0.1191	1:47	Analyte
48	170815M1_48	---	IPA	IPA	0.1093	2:1	Analyte
49	170815M1_49	---	B7H0066-BS1 OPR 0.125	OPR	0.1250	2:2	Analyte
50	170815M1_50	---	B7H0069-BS1 OPR 0.25	OPR	0.2500	2:3	Analyte
51	170815M1_51	---	IPA	IPA	1.0000	1:48	Blank
52	170815M1_52	---	B7H0066-BLK1 Method Blank 0.125	Method Blank	0.1250	2:4	Analyte
53	170815M1_53	---	B7H0069-BLK1 Method Blank 0.25	Method Blank	0.2500	2:5	Analyte
54	170815M1_54	---	B7H0066-MS1 Matrix Spike 0.11555	Matrix Spike	0.1156	2:6	Analyte
55	170815M1_55	---	B7H0066-MSD1 Matrix Spike Dup 0.11567	Matrix Spike Dup	0.1157	2:7	Analyte
56	170815M1_56	---	B7H0066-MS2 Matrix Spike 0.11836	Matrix Spike	0.1184	2:8	Analyte
57	170815M1_57	---	B7H0066-MSD2 Matrix Spike Dup 0.11729	Matrix Spike Dup	0.1173	2:9	Analyte
58	170815M1_58	---	B7H0069-MS1 Matrix Spike 0.1193	Matrix Spike	0.1193	2:10	Analyte
59	170815M1_59	---	B7H0069-MSD1 Matrix Spike Dup 0.11433	Matrix Spike Dup	0.1143	2:11	Analyte
60	170815M1_60	---	1701011-01 06302140000900_2017 0.11617	06302140000900_2017	0.1162	2:12	Analyte
61	170815M1_61	---	1701011-02 06302140002050_2017 0.11859	06302140002050_2017	0.1186	2:13	Analyte
62	170815M1_62	---	1701011-03 06302140002100_2017 0.11904	06302140002100_2017	0.1190	2:14	Analyte
63	170815M1_63	---	1701011-04 06302810002200_2017 0.11477	06302810002200_2017	0.1148	2:15	Analyte
64	170815M1_64	---	1701011-05 064W5000002700_2017 0.11543	064W5000002700_2017	0.1154	2:16	Analyte
65	170815M1_65	---	1701011-06 FD-01 0.12004	FD-01	0.1200	2:17	Analyte
66	170815M1_66	---	1701011-07 FD-02 0.11727	FD-02	0.1173	2:18	Analyte
67	170815M1_67	---	IPA	IPA	1.0000	1:48	Blank
68	170815M1_68	X	ST170815M1-4 PFC CS0 17H1504	PFC CS0 17H1504	1.0000	1:3	Analyte
69	170815M1_69	---	IPA	IPA	1.0000	1:48	Blank
70	170815M1_70	---	1701011-08 06302130001200_2017 0.12215	06302130001200_2017	0.1221	2:19	Analyte
71	170815M1_71	---	1701011-09 06302130001400A_2017 0.12023	06302130001400A_2017	0.1202	2:20	Analyte
72	170815M1_72	---	1701011-10 06302810001500_B_2017 0.11695	06302810001500_B_2017	0.1170	2:21	Analyte
73	170815M1_73	---	1701011-11 6302840007000_2017 0.11166	6302840007000_2017	0.1117	2:22	Analyte
74	170815M1_74	---	1701011-12 FD-03 0.11337	FD-03	0.1134	2:23	Analyte
75	170815M1_75	---	1701011-13 FD-04 0.12051	FD-04	0.1205	2:24	Analyte
76	170815M1_76	---	1701011-14 FD-05 0.11946	FD-05	0.1195	2:25	Analyte
77	170815M1_77	---	1701011-15 06302720002300_2017 0.11523	06302720002300_2017	0.1152	2:26	Analyte
78	170815M1_78	---	1701011-16 06302720002500_2017-C 0.10939	06302720002500_2017-C	0.1094	2:27	Analyte
79	170815M1_79	---	1701011-17 06302720002800_2017 0.11111	06302720002800_2017	0.1111	2:28	Analyte
80	170815M1_80	---	IPA	IPA	1.0000	1:48	Blank

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170815M1.SPL
 Last Modified: Tuesday, August 15, 2017 17:54:39 Pacific Daylight Time
 Printed: Tuesday, August 15, 2017 17:55:26 Pacific Daylight Time

Page 5 of 8

Page Position (1, 3)

File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
81 170815M1_81	X	ST170815M1-5 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:4	Analyte
82 170815M1_82	---	IPA	IPA	1.0000	1:48	Blank
83 170815M1_83	---	1701011-18 06302810001500_A_2017 0.11512	06302810001500_A_2017	0.1151	2:29	Analyte
84 170815M1_84	---	1701011-19 Tr-Prk-Pub-Well-1_2017 0.11801	Tr-Prk-Pub-Well-1_2017	0.1180	2:30	Analyte
85 170815M1_85	---	1701011-20 Tr-Prk-Pub-Well-2_2017 0.11847	Tr-Prk-Pub-Well-2_2017	0.1185	2:31	Analyte
86 170815M1_86	---	1701013-01 06302720002600_2017 0.11643	06302720002600_2017	0.1164	2:32	Analyte
87 170815M1_87	---	1701013-02 06302720002900_2017 0.11676	06302720002900_2017	0.1168	2:33	Analyte
88 170815M1_88	---	1701013-03 06302810000600_2017 0.12244	06302810000600_2017	0.1224	2:34	Analyte
89 170815M1_89	---	1701013-04 064A3000000100_2017 0.1166	064A3000000100_2017	0.1166	2:35	Analyte
90 170815M1_90	---	1701013-05 064A3500005900_2017 0.12037	064A3500005900_2017	0.1204	2:36	Analyte
91 170815M1_91	---	1701013-06 5673_F41_2017 0.12174	5673_F41_2017	0.1217	2:37	Analyte
92 170815M1_92	---	1701013-07 06302140002250_2017 0.12148	06302140002250_2017	0.1215	2:38	Analyte
93 170815M1_93	---	IPA	IPA	1.0000	1:48	Blank
94 170815M1_94	X	ST170815M1-6 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:4	Analyte
95 170815M1_95	---	IPA	IPA	1.0000	1:48	Blank
96 170815M1_96	---	1701013-08 06302810001010_2017 0.1142	06302810001010_2017	0.1142	2:39	Analyte
97 170815M1_97	---	1701013-09 064P5000001700_2017 0.12061	064P5000001700_2017	0.1206	2:40	Analyte
98 170815M1_98	---	1701013-10 064V5000000200_2017 0.11516	064V5000000200_2017	0.1152	2:41	Analyte
99 170815M1_99	---	1701013-11 LabDI_2017 0.11964	LabDI_2017	0.1196	2:42	Analyte
100 170815M1_100	---	1701022-01 Lagoon (420-124769-1) 0.24019	Lagoon (420-124769-1)	0.2402	2:43	Analyte
101 170815M1_101	---	1701023-01 SB01-20170807 0.11872	SB01-20170807	0.1187	2:44	Analyte
102 170815M1_102	---	1701023-02 EB01-20170807 0.11734	EB01-20170807	0.1173	2:45	Analyte
103 170815M1_103	---	1701023-03 OUA1-MW08-20170807 0.1175	OUA1-MW08-20170807	0.1175	2:46	Analyte
104 170815M1_104	---	1701023-04 OUA1-HS03-20170807 0.11075	OUA1-HS03-20170807	0.1108	2:47	Analyte
105 170815M1_105	---	1701023-05 EB02-20170808 0.11203	EB02-20170808	0.1120	2:48	Analyte
106 170815M1_106	---	IPA	IPA	1.0000	1:48	Blank
107 170815M1_107	X	ST170815M1-7 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:4	Analyte
108 170815M1_108	---	IPA	IPA	1.0000	1:48	Blank
109 170815M1_109	---	B7H0086-BLK1 Method Blank 1	Method Blank	1.0000	1:5	Analyte
110 170815M1_110	---	B7H0086-BS1 OPR 1	OPR	1.0000	1:6	Analyte
111 170815M1_111	---	B7H0086-BS2 OPR 1	OPR	1.0000	1:7	Analyte
112 170815M1_112	---	B7H0086-BS3 OPR 1	OPR	1.0000	1:8	Analyte
113 170815M1_113	---	B7H0086-BS4 OPR 1	OPR	1.0000	1:9	Analyte
114 170815M1_114	---	B7H0086-BS5 OPR 1	OPR	1.0000	1:10	Analyte
115 170815M1_115	---	1700813-01 RE1 LOD/LOQ Full List DoD 3Q17	LOD/LOQ Full List DoD 3Q17	1.0000	1:11	Analyte
116 170815M1_116	---	IPA	IPA	1.0000	1:48	Blank
117 170815M1_117	X	ST170815M1-8 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:4	Analyte
118 170815M1_118	---	IPA	IPA	1.0000	1:48	Blank
119 170815M1_119	---	170814_1034_3	170814_1034_3	1.0000	1:12	Blank
120 170815M1_120	---	170814_1034_4	170814_1034_4	1.0000	1:13	Blank

Sample List Report**MassLynx MassLynx V4.1 SCN945 SCN960**

Sample List: U:\Q4.PRO\SampleDB\170815M1.SPL
Last Modified: Tuesday, August 15, 2017 17:54:39 Pacific Daylight Time
Printed: Tuesday, August 15, 2017 17:55:26 Pacific Daylight Time

Page 7 of 8

Page Position (1, 4)

	File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
121	170815M1_121	---	170814_1034_6	170814_1034_6	1.0000	1:14	Blank
122	170815M1_122	---	IPA	IPA	1.0000	1:48	Blank
123	170815M1_123	---	125ml 1:1 ACN/MeOH	125ml 1:1 ACN/MeOH	1.0000	1:15	Blank
124	170815M1_124	---	125ml MeOH Rinse 1	125ml MeOH Rinse 1	1.0000	1:16	Blank
125	170815M1_125	---	125ml MeOH Rinse 2	125ml MeOH Rinse 2	1.0000	1:17	Blank
126	170815M1_126	---	IPA	IPA	1.0000	1:48	Blank

Dataset: U:\Q4.PRO\results\170815M1\170815M1-94.qld

Last Altered: Wednesday, August 16, 2017 15:40:02 Pacific Daylight Time

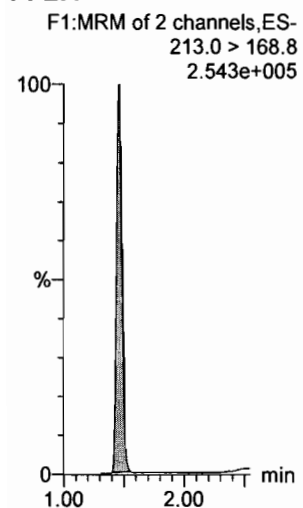
Printed: Wednesday, August 16, 2017 15:40:23 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

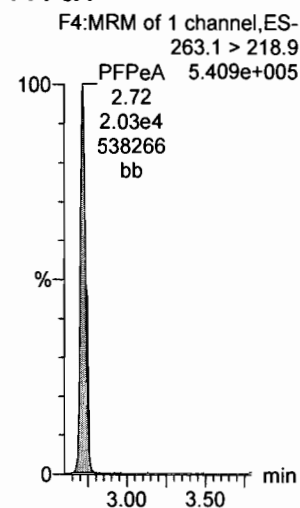
Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170815M1_94, Date: 16-Aug-2017, Time: 06:01:06, ID: ST170815M1-6 PFC CS3 17H1505, Description: PFC CS3 17H1505

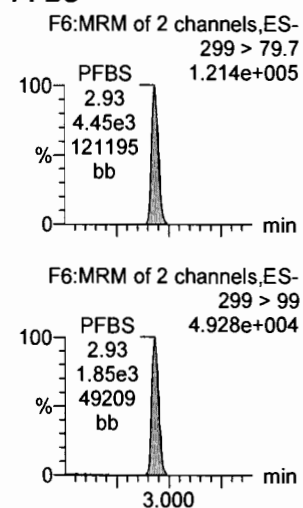
PFBA



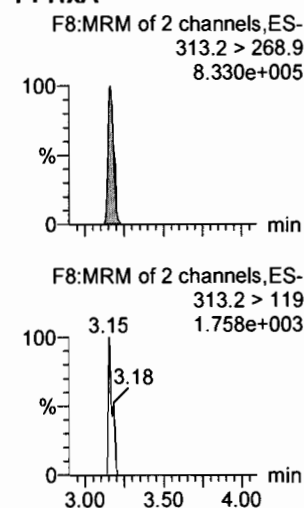
PFPeA



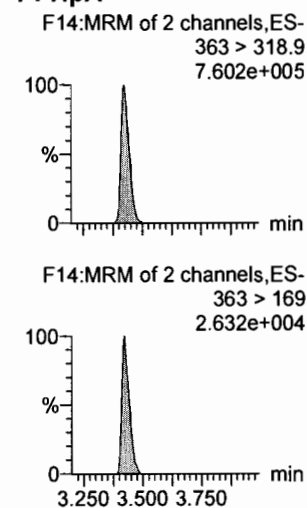
PFBS



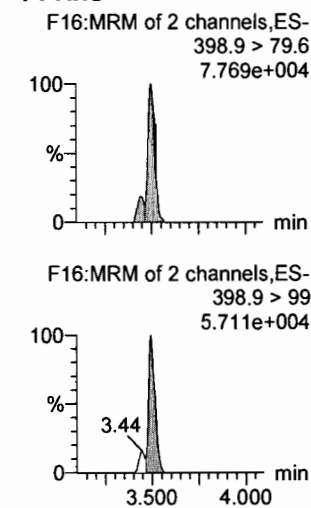
PFHxA



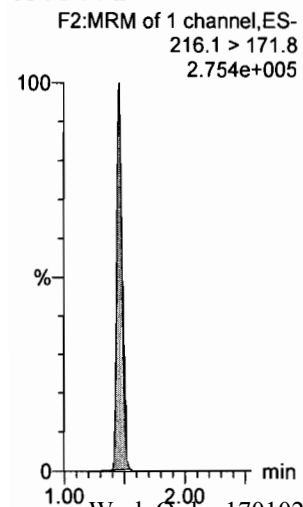
PFHpA



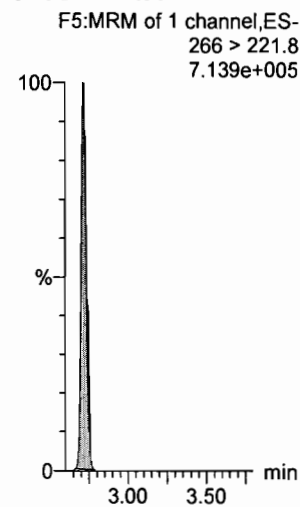
PFHxS



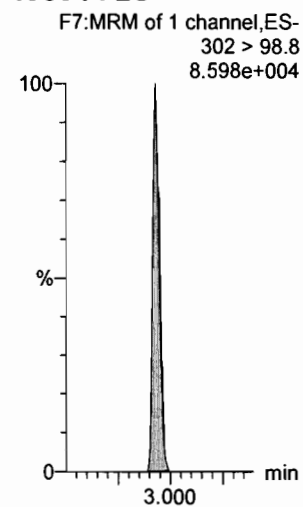
13C3-PFBA



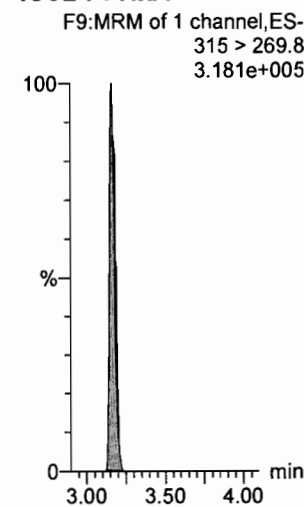
13C3-PFPeA



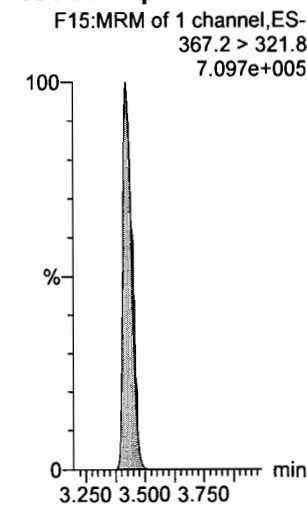
13C3-PFBS



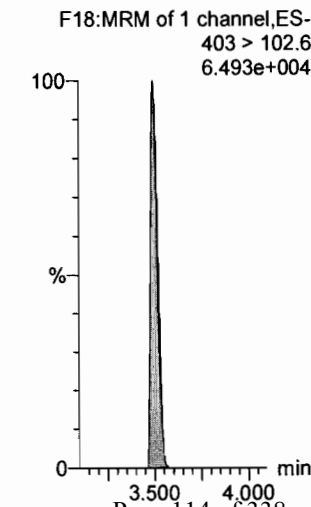
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



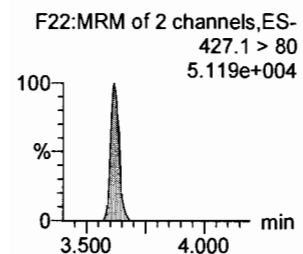
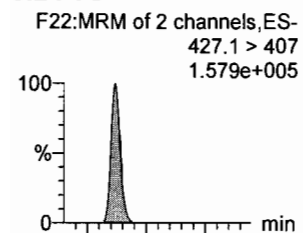
Dataset: U:\Q4.PRO\results\170815M1\170815M1-94.qld

Last Altered: Wednesday, August 16, 2017 15:40:02 Pacific Daylight Time

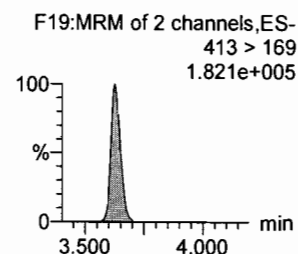
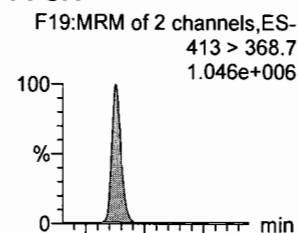
Printed: Wednesday, August 16, 2017 15:40:23 Pacific Daylight Time

Name: 170815M1_94, Date: 16-Aug-2017, Time: 06:01:06, ID: ST170815M1-6 PFC CS3 17H1505, Description: PFC CS3 17H1505

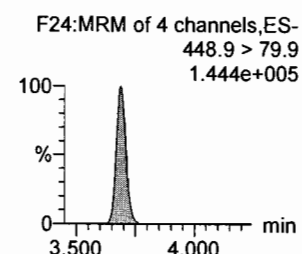
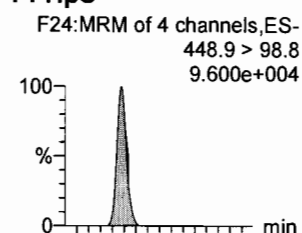
6:2 FTS



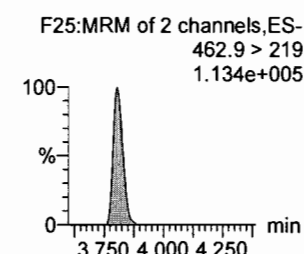
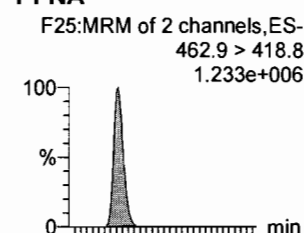
PFOA



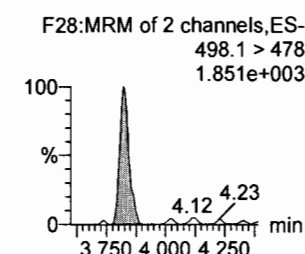
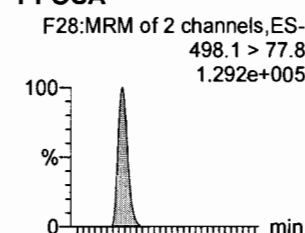
PFHpS



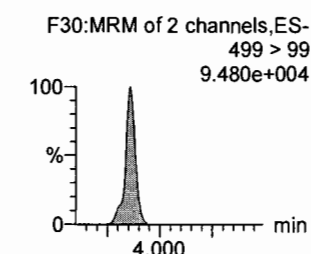
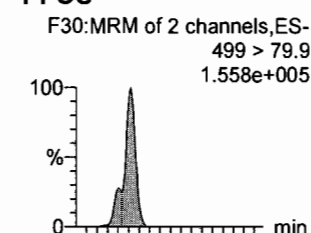
PFNA



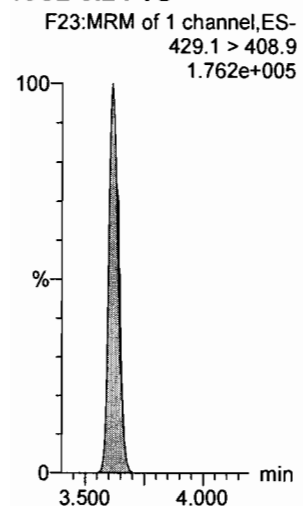
PFOSA



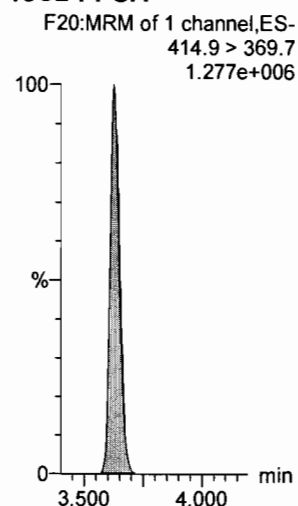
PFOS



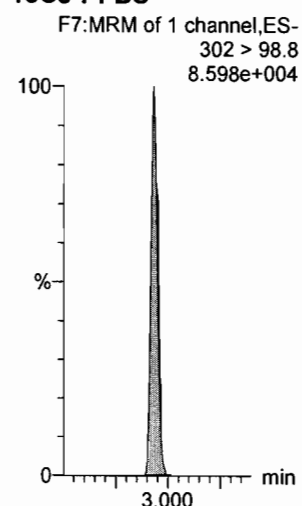
13C2-6:2 FTS



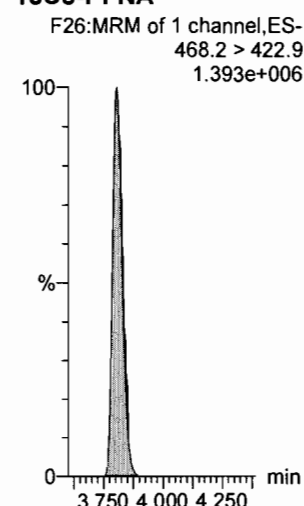
13C2-PFOA



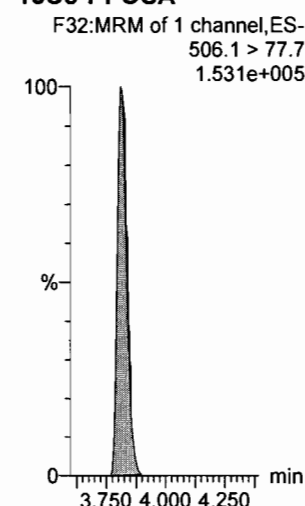
13C3-PFBS



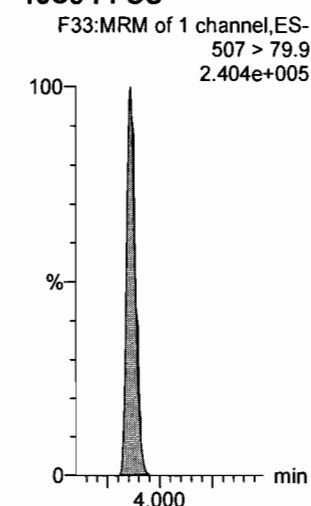
13C5-PFNA



13C8-PFOSA



13C8-PFOS



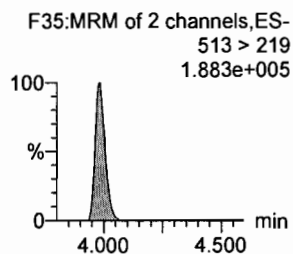
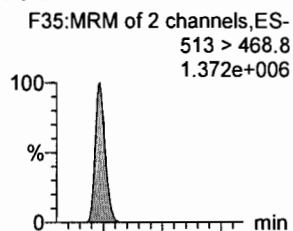
Dataset: U:\Q4.PRO\results\170815M1\170815M1-94.qld

Last Altered: Wednesday, August 16, 2017 15:40:02 Pacific Daylight Time

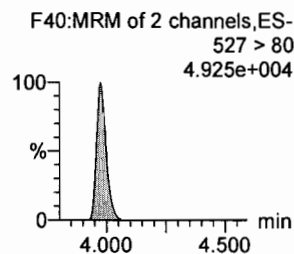
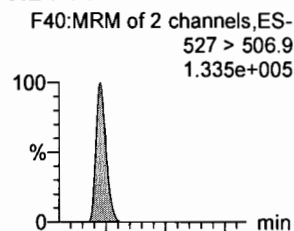
Printed: Wednesday, August 16, 2017 15:40:23 Pacific Daylight Time

Name: 170815M1_94, Date: 16-Aug-2017, Time: 06:01:06, ID: ST170815M1-6 PFC CS3 17H1505, Description: PFC CS3 17H1505

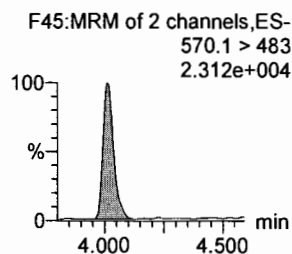
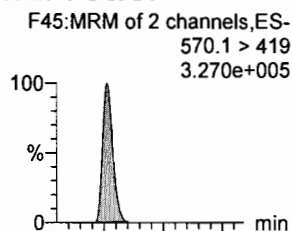
PFDA



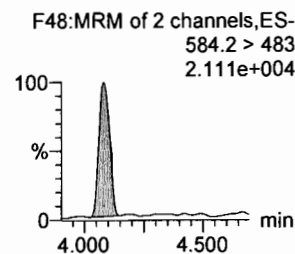
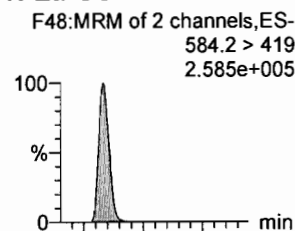
8:2 FTS



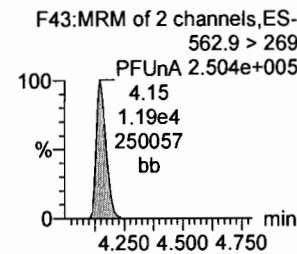
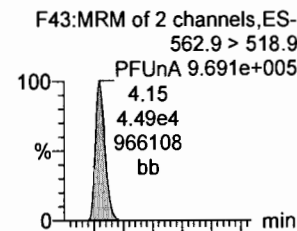
N-MeFOSAA



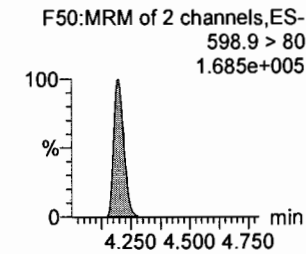
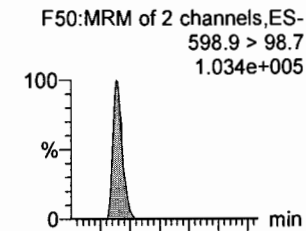
N-EtFOSAA



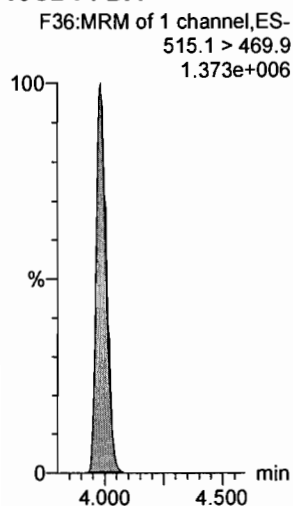
PFUnA



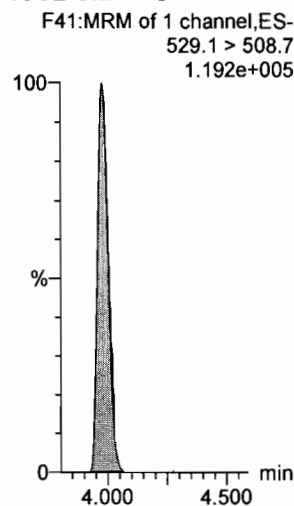
PFDS



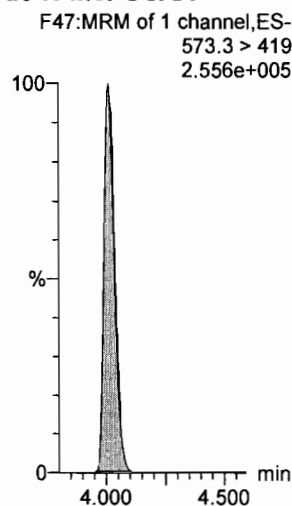
13C2-PFDA



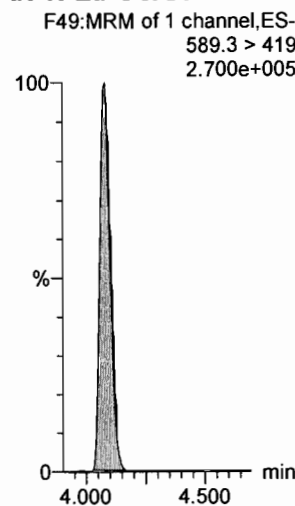
13C2-8:2 FTS



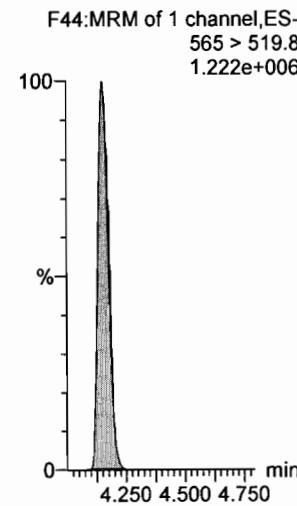
d3-N-MeFOSAA



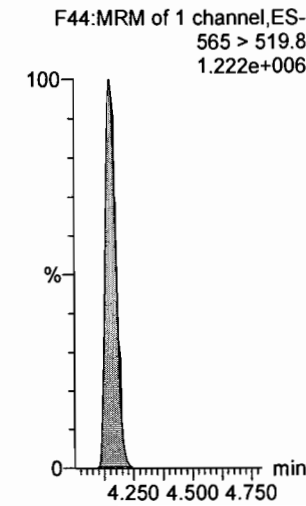
d5-N-EtFOSAA



13C2-PFUnA



13C2-PFUnA

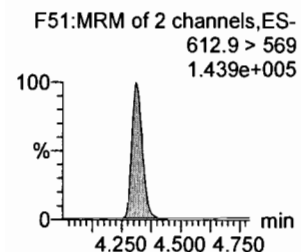
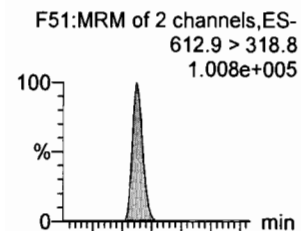


Dataset: U:\Q4.PRO\results\170815M1\170815M1-94.qld

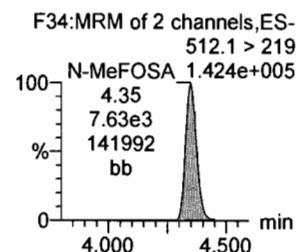
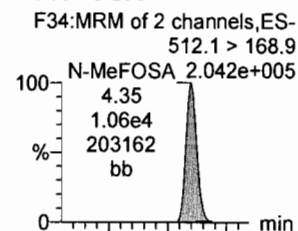
Last Altered: Wednesday, August 16, 2017 15:40:02 Pacific Daylight Time
Printed: Wednesday, August 16, 2017 15:40:23 Pacific Daylight Time

Name: 170815M1_94, Date: 16-Aug-2017, Time: 06:01:06, ID: ST170815M1-6 PFC CS3 17H1505, Description: PFC CS3 17H1505

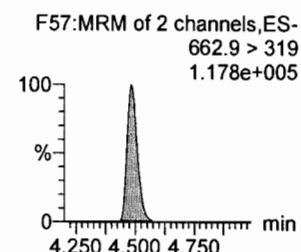
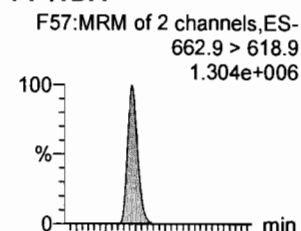
PFDaA



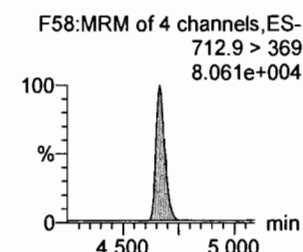
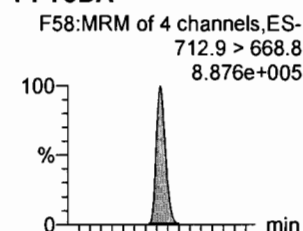
N-MeFOSA



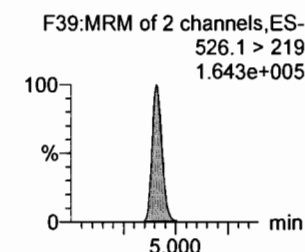
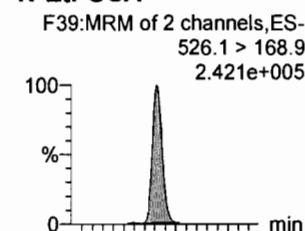
PFTrDA



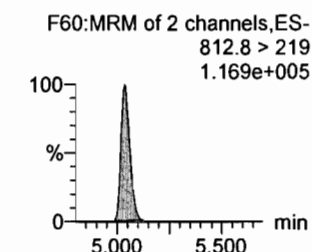
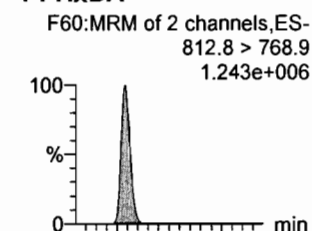
PFTeDA



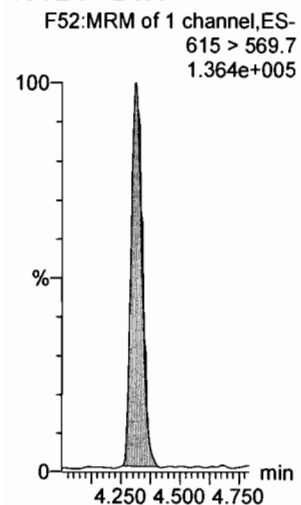
N-EtFOSA



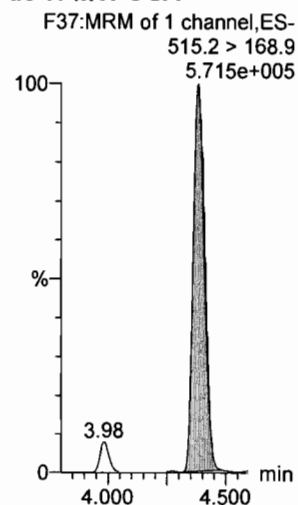
PFHxDA



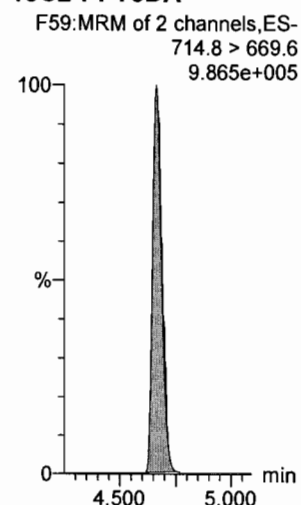
13C2-PFDaA



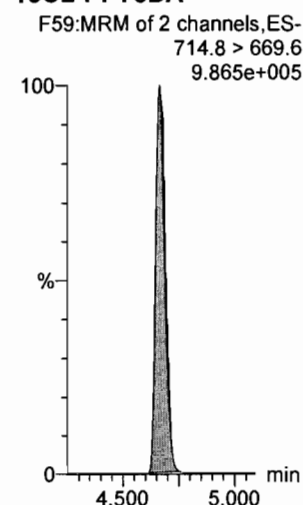
d3-N-MeFOSA



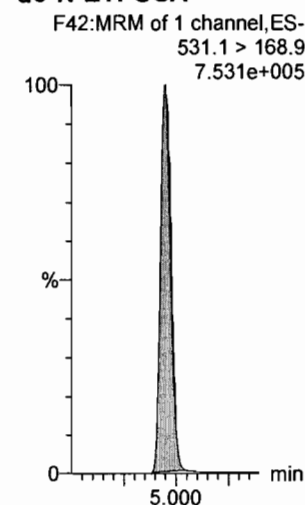
13C2-PFTeDA



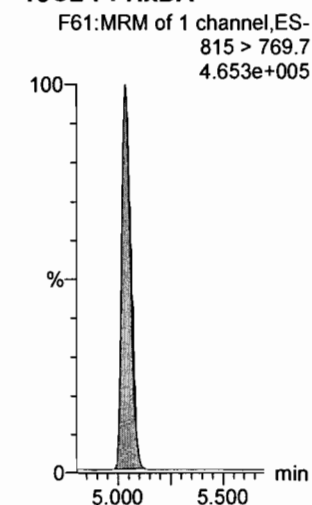
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



Dataset: U:\Q4.PRO\results\170815M1\170815M1-94.qld

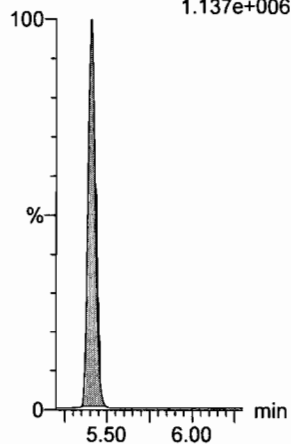
Last Altered: Wednesday, August 16, 2017 15:40:02 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:40:23 Pacific Daylight Time

Name: 170815M1_94, Date: 16-Aug-2017, Time: 06:01:06, ID: ST170815M1-6 PFC CS3 17H1505, Description: PFC CS3 17H1505

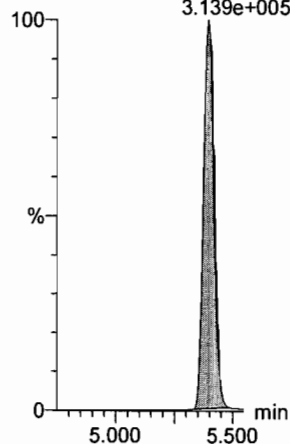
PFODA

F62:MRM of 4 channels,ES-
912.8 > 868.8
1.137e+006



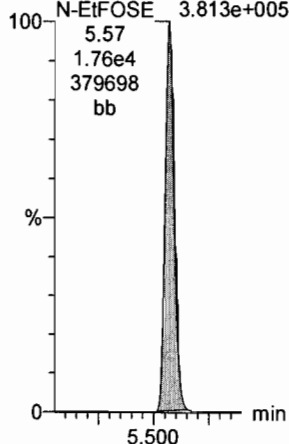
N-MeFOSE

F53:MRM of 1 channel,ES-
616.1 > 58.9
3.139e+005



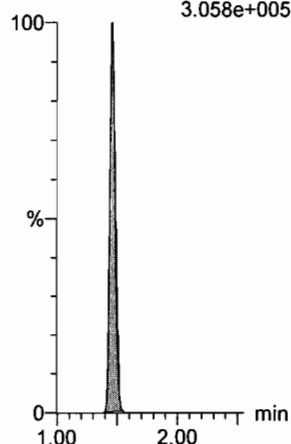
N-EtFOSE

F55:MRM of 1 channel,ES-
630.1 > 58.9
3.813e+005



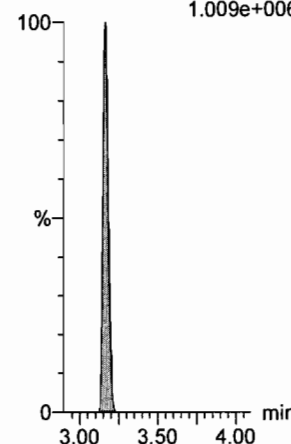
13C4-PFBA

F3:MRM of 1 channel,ES-
217 > 171.8
3.058e+005



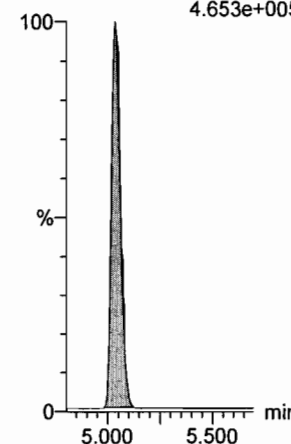
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
1.009e+006



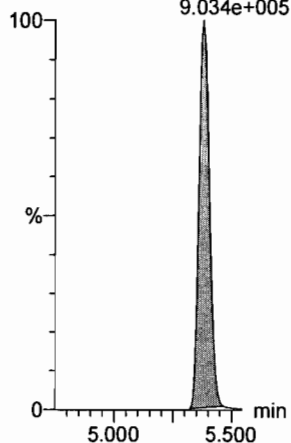
13C2-PFHxDA

F61:MRM of 1 channel,ES-
815 > 769.7
4.653e+005



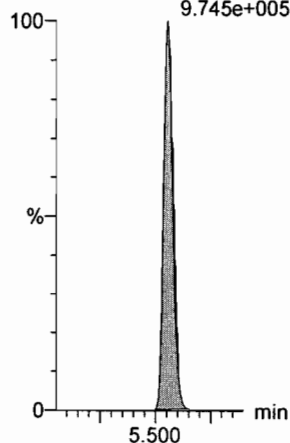
d7-N-MeFOSE

F54:MRM of 1 channel,ES-
623.1 > 58.9
9.034e+005



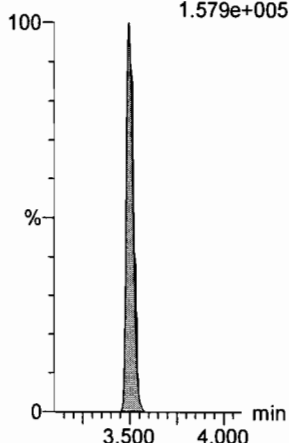
d9-N-EtFOSE

F56:MRM of 1 channel,ES-
639.2 > 58.8
9.745e+005



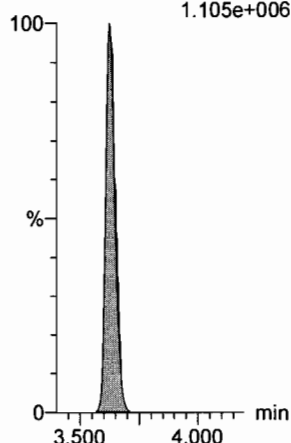
13C3-PFHxS

F17:MRM of 1 channel,ES-
401.9 > 79.9
1.579e+005



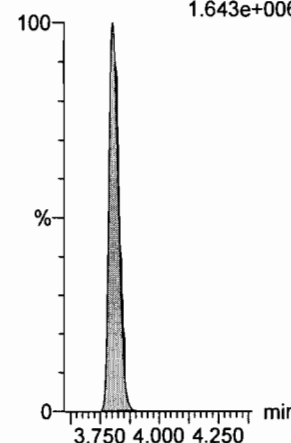
13C8-PFOA

F21:MRM of 1 channel,ES-
421.3 > 376
1.105e+006



13C9-PFNA

F27:MRM of 1 channel,ES-
472.2 > 426.9
1.643e+006



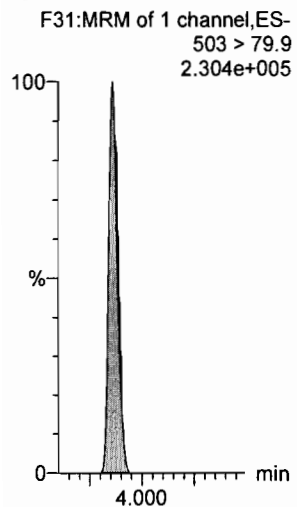
Dataset: U:\Q4.PRO\results\170815M1\170815M1-94.qld

Last Altered: Wednesday, August 16, 2017 15:40:02 Pacific Daylight Time

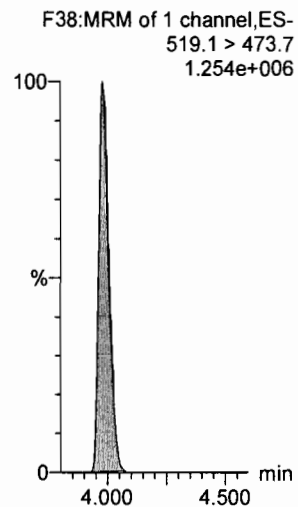
Printed: Wednesday, August 16, 2017 15:40:23 Pacific Daylight Time

Name: 170815M1_94, Date: 16-Aug-2017, Time: 06:01:06, ID: ST170815M1-6 PFC CS3 17H1505, Description: PFC CS3 17H1505

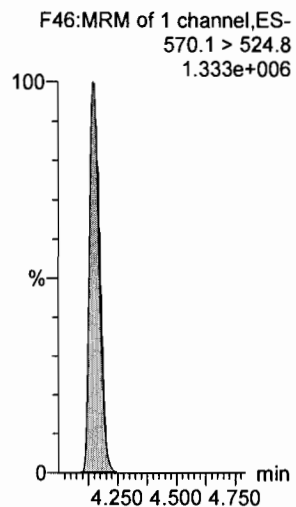
13C4-PFOS



13C6-PFDA



13C7-PFUnA



Dataset: U:\Q4.PRO\results\170815M1\170815M1-107.qld

Last Altered: Wednesday, August 16, 2017 15:41:48 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:42:12 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170815M1_107, Date: 16-Aug-2017, Time: 08:19:59, ID: ST170815M1-7 PFC CS3 17H1505, Description: PFC CS3 17H1505

Out of limit criteria,
not used.

	# Name	Trace	Area	IS Resp	RRF	Wt./Vol	RT	Conc.	%Rec
1	1 PFBA	213.0 > 168.8	12683.535	14382.929		1.000	1.46	10.05	100.48
2	2 PFPeA	263.1 > 218.9	21711.971	26053.729		1.000	2.71	10.92	109.18
3	3 PFBS	299 > 79.7	4721.325	3237.733		1.000	2.93	10.54	105.37
4	4 PFHxA	313.2 > 268.9	32827.664	11122.266		1.000	3.16	11.19	111.87
5	5 PFHpA	363 > 318.9	30446.848	32057.695		1.000	3.42	10.04	100.42
6	6 PFHxS	398.9 > 79.6	3876.662	3064.883		1.000	3.50	8.99	89.90
7	7 6:2 FTS	427.1 > 407	6942.748	8535.057		1.000	3.61	10.91	109.14
8	8 PFOA	413 > 368.7	47096.730	52286.535		1.000	3.62	11.33	113.30
9	9 PFHpS	448.9 > 98.8	4491.634	52286.535		1.000	3.68	13.56	135.57
10	10 PFNA	462.9 > 418.8	54373.039	58541.172		1.000	3.81	11.32	113.25
11	11 PFOSA	498.1 > 77.8	6201.650	7209.811		1.000	3.81	10.21	102.11
12	12 PFOS	499 > 79.9	9928.401	11928.108		1.000	3.86	9.79	97.91
13	13 PFDA	513 > 468.8	63526.477	60372.230		1.000	3.98	11.53	115.27
14	14 8:2 FTS	527 > 506.9	6878.842	6453.249		1.000	3.97	9.61	96.13
15	15 N-MeFOSAA	570.1 > 419	16817.543	13281.377		1.000	4.01	10.65	106.52
16	16 N-EtFOSAA	584.2 > 419	13501.294	13978.425		1.000	4.08	10.02	100.22
17	17 PFUnA	562.9 > 518.9	46241.035	67056.141		1.000	4.15	10.57	105.68
18	18 PFDS	598.9 > 98.7	4528.607	67056.141		1.000	4.19	10.23	102.26
19	19 PFDoA	612.9 > 318.8	5007.307	7794.724		1.000	4.31	9.58	95.81
20	20 N-MeFOSA	512.1 > 168.9	10918.005	31225.008		1.000	4.35	58.79	117.58
21	21 PFTrDA	662.9 > 618.9	62514.051	7794.724		1.000	4.48	9.88	98.81
22	22 PFTeDA	712.9 > 668.8	42573.563	45771.734		1.000	4.66	10.16	101.64
23	23 N-EtFOSA	526.1 > 168.9	13023.515	42516.449		1.000	4.91	51.82	103.64
24	24 PFHxDA	812.8 > 768.9	61193.543	22719.090		1.000	5.04	9.28	92.77
25	25 PFODA	912.8 > 868.8	55879.488	22719.090		1.000	5.41	9.60	95.96
26	26 N-MeFOSE	616.1 > 58.9	16023.613	47995.797		1.000	5.39	53.79	107.58
27	27 N-EtFOSE	630.1 > 58.9	17976.514	47406.020		1.000	5.57	53.49	106.98
28	28 13C3-PFBA	216.1 > 171.8	14382.929	15880.257	0.906	1.000	1.46	12.50	99.99
29	29 13C3-PFPeA	266 > 221.8	26053.729	38894.766	0.284	1.000	2.71	11.80	94.38
30	30 13C3-PFBS	302 > 98.8	3237.733	38894.766	0.033	1.000	2.93	12.66	101.27
31	31 13C2-PFHxA	315 > 269.8	11122.266	38894.766	0.304	1.000	3.16	4.71	94.18

70-130

50-150

LM
8/16/17

Dataset: U:\Q4.PRO\results\170815M1\170815M1-107.qld

Last Altered: Wednesday, August 16, 2017 15:41:48 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:42:12 Pacific Daylight Time

Name: 170815M1_107, Date: 16-Aug-2017, Time: 08:19:59, ID: ST170815M1-7 PFC CS3 17H1505, Description: PFC CS3 17H1505

	# Name	Trace	Area	IS Resp	RRF	Wt./Vol	RT	Conc.	%Rec
32	32 13C4-PFHpA	367.2 > 321.8	32057.695	38894.766	0.384	1.000	3.42	10.73	85.84
33	33 18O2-PFHxS	403 > 102.6	3064.883	6812.948	0.417	1.000	3.49	13.48	107.85
34	34 13C2-6:2 FTS	429.1 > 408.9	8535.057	51235.945	0.202	1.000	3.61	10.32	82.58
35	35 13C2-PFOA	414.9 > 369.7	52286.535	51235.945	1.132	1.000	3.63	11.27	90.13
36	36 13C5-PFNA	468.2 > 422.9	58541.172	63377.105	0.946	1.000	3.81	12.20	97.63
37	37 13C8-PFOA	506.1 > 77.7	7209.811	64718.758	0.119	1.000	3.81	11.66	93.29
38	38 13C8-PFOS	507 > 79.9	11928.108	11491.159	1.040	1.000	3.86	12.48	99.83
39	39 13C2-PFDA	515.1 > 469.9	60372.230	59599.719	0.971	1.000	3.98	13.04	104.34
40	40 13C2-8:2 FTS	529.1 > 508.7	6453.249	59599.719	0.140	1.000	3.98	9.65	77.19
41	41 d3-N-MeFOSAA	573.3 > 419	13281.377	64718.758	0.018	1.000	4.01	144.21	88.74
42	42 d5-N-EiFOSAA	589.3 > 419	13978.425	64718.758	0.018	1.000	4.08	148.09	91.13
43	43 13C2-PFUnA	565 > 519.8	67056.141	64718.758	1.085	1.000	4.15	11.94	95.48
44	44 13C2-PFDoA	615 > 569.7	7794.724	64718.758	0.123	1.000	4.31	12.23	97.81
45	45 d3-N-MeFOSA	515.2 > 168.9	31225.008	64718.758	0.043	1.000	4.38	139.39	92.93
46	46 13C2-PFTeDA	714.8 > 669.6	45771.734	64718.758	0.798	1.000	4.66	11.08	88.65
47	47 d5-N-ETFOSA	531.1 > 168.9	42516.449	64718.758	0.056	1.000	4.95	147.49	98.32
48	48 13C2-PFHxDA	815 > 769.7	22719.090	64718.758	0.926	1.000	5.04	4.74	94.73
49	49 d7-N-MeFOSE	623.1 > 58.9	47995.797	64718.758	0.059	1.000	5.38	155.94	103.96
50	50 d9-N-EiFOSE	639.2 > 58.8	47406.020	64718.758	0.059	1.000	5.55	153.93	102.62
51	51 13C4-PFBA	217 > 171.8	15880.257	15880.257	1.000	1.000	1.45	12.50	100.00
52	52 13C5-PFHxA	318 > 272.9	38894.766	38894.766	1.000	1.000	3.16	5.00	100.00
53	53 13C3-PFHxS	401.9 > 79.9	6812.948	6812.948	1.000	1.000	3.49	12.50	100.00
54	54 13C8-PFOA	421.3 > 376	51235.945	51235.945	1.000	1.000	3.62	12.50	100.00
55	55 13C9-PFNA	472.2 > 426.9	63377.105	63377.105	1.000	1.000	3.81	12.50	100.00
56	56 13C4-PFOS	503 > 79.9	11491.159	11491.159	1.000	1.000	3.86	12.50	100.00
57	57 13C6-PFDA	519.1 > 473.7	59599.719	59599.719	1.000	1.000	3.98	12.50	100.00
58	58 13C7-PFUnA	570.1 > 524.8	64718.758	64718.758	1.000	1.000	4.15	12.50	100.00

50-157

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170815M1.SPL
Last Modified: Tuesday, August 15, 2017 13:50:57 Pacific Daylight Time
Printed: Tuesday, August 15, 2017 13:51:10 Pacific Daylight Time

Page 1 of 2

Page Position (1, 1)

File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
1 170815M1_1	---	IPA	IPA	1.0000	1:48	Blank
2 170815M1_2	X	ST170815M1-1 PFC CS0 17H1302	PFC CS0 17H1302	1.0000	1:1	Analyte
3 170815M1_3	---	IPA	IPA	1.0000	1:48	Blank
4 170815M1_4	-	B7H0078-BS1 OPR 0.125	OPR	0.1250	1:15	Analyte
5 170815M1_5	---	IPA	IPA	1.0000	1:48	Blank
6 170815M1_6	-	B7H0078-BLK1 Method Blank 0.125	Method Blank	0.1250	1:16	Analyte
7 170815M1_7	-	B7H0078-MS1 Matrix Spike 0.125	Matrix Spike	0.1250	1:17	Analyte
8 170815M1_8	-	B7H0078-MSD1 Matrix Spike Dup 0.125	Matrix Spike Dup	0.1250	1:18	Analyte
9 170815M1_9	-	1700907-04RE1@20 AT028-MW17-06-071717-1300 0.12053	AT028-MW17-06-071717-1300	0.1205	1:33	Analyte
10 170815M1_10	---	IPA	IPA	1.0000	1:48	Blank
11 170815M1_11	-	1700862-01RE1 WS 252 0.00025	WS 252	0.0003	1:19	Analyte
12 170815M1_12	-	1700907-04RE1 AT028-MW17-06-071717-1300 0.12053	AT028-MW17-06-071717-1300	0.1205	1:20	Analyte
13 170815M1_13	---	IPA	IPA	1.0000	1:48	Blank
14 170815M1_14	-	1701031-01 BANGR-03-GW-TW03-080817 0.125	BANGR-03-GW-TW03-080817	0.1250	1:21	Analyte
15 170815M1_15	-	1701031-02 BANGR-05-GW-TW05-080817 0.125	BANGR-05-GW-TW05-080817	0.1250	1:22	Analyte
16 170815M1_16	-	1701031-03 BANGR-06-GW-TW06-080917 0.125	BANGR-06-GW-TW06-080917	0.1250	1:23	Analyte
17 170815M1_17	-	1701031-04 BANGR-12-GW-TW12-080817 0.125	BANGR-12-GW-TW12-080817	0.1250	1:24	Analyte
18 170815M1_18	-	1701034-01 SB01-20170808 0.125	SB01-20170808	0.1250	1:25	Analyte
19 170815M1_19	-	1701034-02 Site1-GW-01TW03-20170808 0.125	Site1-GW-01TW03-20170808	0.1250	1:26	Analyte
20 170815M1_20	-	1701034-03 Site1-GW-01TW01-20170808 0.125	Site1-GW-01TW01-20170808	0.1250	1:27	Analyte
21 170815M1_21	-	1701034-04 Site1-GW-FD01-20170808 0.125	Site1-GW-FD01-20170808	0.1250	1:28	Analyte
22 170815M1_22	-	1701034-05 EB01-20170808 0.125	EB01-20170808	0.1250	1:29	Analyte
23 170815M1_23	---	IPA	IPA	1.0000	1:48	Blank
24 170815M1_24	X	ST170815M1-2 PFC CS3 17H1301	PFC CS3 17H1301	1.0000	1:2	Analyte
25 170815M1_25	---	IPA	IPA	1.0000	1:48	Blank
26 170815M1_26	-	1701034-06 Site1-GW-01TW02-20170808 0.125	Site1-GW-01TW02-20170808	0.1250	1:30	Analyte
27 170815M1_27	-	1701038-01 OC-PFC-MW04R-0817 0.125	OC-PFC-MW04R-0817	0.1250	1:31	Analyte
28 170815M1_28	-	1701038-02 OC-PFC-EB081017 0.125	OC-PFC-EB081017	0.1250	1:32	Analyte
29 170815M1_29	---	IPA	IPA	1.0000	1:48	Blank
30 170815M1_30	X	ST170815M1-3 PFC CS3 17H1301	PFC CS3 17H1301	1.0000	1:2	Analyte
31 170815M1_31	---	IPA	IPA	1.0000	1:48	Blank

Ⓐ Re-injected because ITS AREA was at the 1st time. on 8/15/17

Ⓑ Instrument paused to adjust windows. on 8/15/17

Ⓒ Instrument paused to load sample on tray. on 8/15/17

Ⓓ Sample added, see corrected.

on 8/15/17

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170815M1.SPL
Last Modified: Tuesday, August 15, 2017 17:54:39 Pacific Daylight Time
Printed: Tuesday, August 15, 2017 17:55:26 Pacific Daylight Time

Page 1 of 8

Page Position (1, 1)

	File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
1	170815M1_1	---	IPA	IPA	1.0000	1:48	Blank
2	170815M1_2	X	ST170815M1-1 PFC CS0 17H1302	PFC CS0 17H1302	1.0000	1:1	Analyte
3	170815M1_3	---	IPA	IPA	1.0000	1:48	Blank
4	170815M1_4	-	B7H0078-BS1 OPR 0.125	OPR	0.1250	1:15	Analyte
5	170815M1_5	---	IPA	IPA	1.0000	1:48	Blank
6	170815M1_6	-	B7H0078-BLK1 Method Blank 0.125	Method Blank	0.1250	1:16	Analyte
7	170815M1_7	-	B7H0078-MS1 Matrix Spike 0.125	Matrix Spike	0.1250	1:17	Analyte
8	170815M1_8	-	B7H0078-MSD1 Matrix Spike Dup 0.125	Matrix Spike Dup	0.1250	1:18	Analyte
9	170815M1_9	-	1700907-04RE1@20 AT028-MW17-06-071717-1300 0.12053	AT028-MW17-06-071717-1300	0.1205	1:33	Analyte
10	170815M1_10	---	IPA	IPA	1.0000	1:48	Blank
11	170815M1_11	-	1700862-01RE1 WS 252 0.00025	WS 252	0.0003	1:19	Analyte
12	170815M1_12	-	1700907-04RE1 AT028-MW17-06-071717-1300 0.12053	AT028-MW17-06-071717-1300	0.1205	1:20	Analyte
13	170815M1_13	---	IPA	IPA	1.0000	1:48	Blank
14	170815M1_14	-	1701031-01 BANGR-03-GW-TW03-080817 0.125	BANGR-03-GW-TW03-080817	0.1250	1:21	Analyte
15	170815M1_15	-	1701031-02 BANGR-05-GW-TW05-080817 0.125	BANGR-05-GW-TW05-080817	0.1250	1:22	Analyte
16	170815M1_16	-	1701031-03 BANGR-06-GW-TW06-080917 0.125	BANGR-06-GW-TW06-080917	0.1250	1:23	Analyte
17	170815M1_17	-	1701031-04 BANGR-12-GW-TW12-080817 0.125	BANGR-12-GW-TW12-080817	0.1250	1:24	Analyte
18	170815M1_18	-	1701034-01 SB01-20170808 0.125	SB01-20170808	0.1250	1:25	Analyte
19	170815M1_19	-	1701034-02 Site1-GW-01TW03-20170808 0.125	Site1-GW-01TW03-20170808	0.1250	1:26	Analyte
20	170815M1_20	-	1701034-03 Site1-GW-01TW01-20170808 0.125	Site1-GW-01TW01-20170808	0.1250	1:27	Analyte
21	170815M1_21	-	1701034-04 Site1-GW-FD01-20170808 0.125	Site1-GW-FD01-20170808	0.1250	1:28	Analyte
22	170815M1_22	-	1701034-05 EB01-20170808 0.125	EB01-20170808	0.1250	1:29	Analyte
23	170815M1_23	---	IPA	IPA	1.0000	1:48	Blank
24	170815M1_24	X	ST170815M1-2 PFC CS3 17H1301	PFC CS3 17H1301	1.0000	1:2	Analyte
25	170815M1_25	---	IPA	IPA	1.0000	1:48	Blank
26	170815M1_26	-	1701034-06 Site1-GW-01TW02-20170808 0.125	Site1-GW-01TW02-20170808	0.1250	1:30	Analyte
27	170815M1_27	-	1701038-01 OC-PFC-MW04R-0817 0.125	OC-PFC-MW04R-0817	0.1250	1:31	Analyte
28	170815M1_28	-	1701038-02 OC-PFC-EB081017 0.125	OC-PFC-EB081017	0.1250	1:32	Analyte
29	170815M1_29	---	B7H0035-BS1 OPR 0.125	OPR	0.1250	1:33	Analyte
30	170815M1_30	---	IPA	IPA	1.0000	1:48	Blank
31	170815M1_31	---	B7H0035-BLK1 Method Blank 0.125	Method Blank	0.1250	1:34	Analyte
32	170815M1_32	---	B7H0035-MS1 Matrix Spike 0.11511	Matrix Spike	0.1151	1:35	Analyte
33	170815M1_33	---	B7H0035-MSD1 Matrix Spike Dup 0.11806	Matrix Spike Dup	0.1181	1:36	Analyte
34	170815M1_34	---	1700980-01 IR09MW61A-080217 0.10744	IR09MW61A-080217	0.1074	1:37	Analyte
35	170815M1_35	---	1700980-02 IR09MW62A-080217 0.11271	IR09MW62A-080217	0.1127	1:38	Analyte
36	170815M1_36	---	IPA	IPA	0.1127	1:39	Analyte
37	170815M1_37	---	1700980-03 IR09P040A-080217 0.11721	IR09P040A-080217	0.1172	1:40	Analyte
38	170815M1_38	---	1700980-04 IR10MW28A-080217 0.1175	IR10MW28A-080217	0.1175	1:41	Analyte
39	170815M1_39	---	1700980-05 080217-FB-01 0.12184	080217-FB-01	0.1218	1:42	Analyte
40	170815M1_40	---	1700980-06 IR10MW13A1-080217 0.12103	IR10MW13A1-080217	0.1210	1:43	Analyte

Work Order 1701022
Instrument reused to load samples on 8/15/17

08/15/17

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170815M1.SPL
 Last Modified: Tuesday, August 15, 2017 17:54:39 Pacific Daylight Time
 Printed: Tuesday, August 15, 2017 17:55:26 Pacific Daylight Time

Page 3 of 8

Page Position (1, 2)

	File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
41	170815M1_41	---	IPA	IPA	1.0000	1:48	Blank
42	170815M1_42	X	ST170815M1-3 PFC CS3 17H1301	PFC CS3 17H1301	1.0000	1:2	Analyte
43	170815M1_43	---	IPA	IPA	1.0000	1:48	Blank
44	170815M1_44	---	1700980-07 IR10MW31A1-080217 0.12279	IR10MW31A1-080217	0.1228	1:44	Analyte
45	170815M1_45	---	1700980-08 IR10MW31A1-080217-D 0.11964	IR10MW31A1-080217-D	0.1196	1:45	Analyte
46	170815M1_46	---	1700980-09 080217-ER-01 0.11911	080217-ER-01	0.1191	1:46	Analyte
47	170815M1_47	---	1700980-10 080217-SB-01 0.11909	080217-SB-01	0.1191	1:47	Analyte
48	170815M1_48	---	IPA	IPA	0.1093	2:1	Analyte
49	170815M1_49	---	B7H0066-BS1 OPR 0.125	OPR	0.1250	2:2	Analyte
50	170815M1_50	---	B7H0069-BS1 OPR 0.25	OPR	0.2500	2:3	Analyte
51	170815M1_51	---	IPA	IPA	1.0000	1:48	Blank
52	170815M1_52	---	B7H0066-BLK1 Method Blank 0.125	Method Blank	0.1250	2:4	Analyte
53	170815M1_53	---	B7H0069-BLK1 Method Blank 0.25	Method Blank	0.2500	2:5	Analyte
54	170815M1_54	---	B7H0066-MS1 Matrix Spike 0.11555	Matrix Spike	0.1156	2:6	Analyte
55	170815M1_55	---	B7H0066-MSD1 Matrix Spike Dup 0.11567	Matrix Spike Dup	0.1157	2:7	Analyte
56	170815M1_56	---	B7H0066-MS2 Matrix Spike 0.11836	Matrix Spike	0.1184	2:8	Analyte
57	170815M1_57	---	B7H0066-MSD2 Matrix Spike Dup 0.11729	Matrix Spike Dup	0.1173	2:9	Analyte
58	170815M1_58	---	B7H0069-MS1 Matrix Spike 0.1193	Matrix Spike	0.1193	2:10	Analyte
59	170815M1_59	---	B7H0069-MSD1 Matrix Spike Dup 0.11433	Matrix Spike Dup	0.1143	2:11	Analyte
60	170815M1_60	---	1701011-01 06302140000900_2017 0.11617	06302140000900_2017	0.1162	2:12	Analyte
61	170815M1_61	---	1701011-02 06302140002050_2017 0.11859	06302140002050_2017	0.1186	2:13	Analyte
62	170815M1_62	---	1701011-03 06302140002100_2017 0.11904	06302140002100_2017	0.1190	2:14	Analyte
63	170815M1_63	---	1701011-04 06302810002200_2017 0.11477	06302810002200_2017	0.1148	2:15	Analyte
64	170815M1_64	---	1701011-05 064W5000002700_2017 0.11543	064W5000002700_2017	0.1154	2:16	Analyte
65	170815M1_65	---	1701011-06 FD-01 0.12004	FD-01	0.1200	2:17	Analyte
66	170815M1_66	---	1701011-07 FD-02 0.11727	FD-02	0.1173	2:18	Analyte
67	170815M1_67	---	IPA	IPA	1.0000	1:48	Blank
68	170815M1_68	X	ST170815M1-4 PFC CS0 17H1504	PFC CS0 17H1504	1.0000	1:3	Analyte
69	170815M1_69	---	IPA	IPA	1.0000	1:48	Blank
70	170815M1_70	---	1701011-08 06302130001200_2017 0.12215	06302130001200_2017	0.1221	2:19	Analyte
71	170815M1_71	---	1701011-09 06302130001400A_2017 0.12023	06302130001400A_2017	0.1202	2:20	Analyte
72	170815M1_72	---	1701011-10 06302810001500_B_2017 0.11695	06302810001500_B_2017	0.1170	2:21	Analyte
73	170815M1_73	---	1701011-11 6302840007000_2017 0.11166	6302840007000_2017	0.1117	2:22	Analyte
74	170815M1_74	---	1701011-12 FD-03 0.11337	FD-03	0.1134	2:23	Analyte
75	170815M1_75	---	1701011-13 FD-04 0.12051	FD-04	0.1205	2:24	Analyte
76	170815M1_76	---	1701011-14 FD-05 0.11946	FD-05	0.1195	2:25	Analyte
77	170815M1_77	---	1701011-15 06302720002300_2017 0.11523	06302720002300_2017	0.1152	2:26	Analyte
78	170815M1_78	---	1701011-16 06302720002500_2017-C 0.10939	06302720002500_2017-C	0.1094	2:27	Analyte
79	170815M1_79	---	1701011-17 06302720002800_2017 0.11111	06302720002800_2017	0.1111	2:28	Analyte
80	170815M1_80	---	IPA	IPA	1.0000	1:48	Blank

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170815M1.SPL
Last Modified: Tuesday, August 15, 2017 17:54:39 Pacific Daylight Time
Printed: Tuesday, August 15, 2017 17:55:26 Pacific Daylight Time

Page 5 of 8

Page Position (1, 3)

File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
81 170815M1_81	X	ST170815M1-5 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:4	Analyte
82 170815M1_82	---	IPA	IPA	1.0000	1:48	Blank
83 170815M1_83	---	1701011-18 06302810001500_A_2017 0.11512	06302810001500_A_2017	0.1151	2:29	Analyte
84 170815M1_84	---	1701011-19 Tr-Prk-Pub-Well-1_2017 0.11801	Tr-Prk-Pub-Well-1_2017	0.1180	2:30	Analyte
85 170815M1_85	---	1701011-20 Tr-Prk-Pub-Well-2_2017 0.11847	Tr-Prk-Pub-Well-2_2017	0.1185	2:31	Analyte
86 170815M1_86	---	1701013-01 06302720002600_2017 0.11643	06302720002600_2017	0.1164	2:32	Analyte
87 170815M1_87	---	1701013-02 06302720002900_2017 0.11676	06302720002900_2017	0.1168	2:33	Analyte
88 170815M1_88	---	1701013-03 06302810000600_2017 0.12244	06302810000600_2017	0.1224	2:34	Analyte
89 170815M1_89	---	1701013-04 064A3000000100_2017 0.1166	064A3000000100_2017	0.1166	2:35	Analyte
90 170815M1_90	---	1701013-05 064A3500005900_2017 0.12037	064A3500005900_2017	0.1204	2:36	Analyte
91 170815M1_91	---	1701013-06 5673_F41_2017 0.12174	5673_F41_2017	0.1217	2:37	Analyte
92 170815M1_92	---	1701013-07 06302140002250_2017 0.12148	06302140002250_2017	0.1215	2:38	Analyte
93 170815M1_93	---	IPA	IPA	1.0000	1:48	Blank
94 170815M1_94	X	ST170815M1-6 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:4	Analyte
95 170815M1_95	---	IPA	IPA	1.0000	1:48	Blank
96 170815M1_96	---	1701013-08 06302810001010_2017 0.1142	06302810001010_2017	0.1142	2:39	Analyte
97 170815M1_97	---	1701013-09 064P5000001700_2017 0.12061	064P5000001700_2017	0.1206	2:40	Analyte
98 170815M1_98	---	1701013-10 064V5000000200_2017 0.11516	064V5000000200_2017	0.1152	2:41	Analyte
99 170815M1_99	---	1701013-11 LabDI_2017 0.11964	LabDI_2017	0.1196	2:42	Analyte
100 170815M1_100	---	1701022-01 Lagoon (420-124769-1) 0.24019	Lagoon (420-124769-1)	0.2402	2:43	Analyte
101 170815M1_101	---	1701023-01 SB01-20170807 0.11872	SB01-20170807	0.1187	2:44	Analyte
102 170815M1_102	---	1701023-02 EB01-20170807 0.11734	EB01-20170807	0.1173	2:45	Analyte
103 170815M1_103	---	1701023-03 OUA1-MW08-20170807 0.1175	OUA1-MW08-20170807	0.1175	2:46	Analyte
104 170815M1_104	---	1701023-04 OUA1-HS03-20170807 0.11075	OUA1-HS03-20170807	0.1108	2:47	Analyte
105 170815M1_105	---	1701023-05 EB02-20170808 0.11203	EB02-20170808	0.1120	2:48	Analyte
106 170815M1_106	---	IPA	IPA	1.0000	1:48	Blank
107 170815M1_107	X	ST170815M1-7 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:4	Analyte
108 170815M1_108	---	IPA	IPA	1.0000	1:48	Blank
109 170815M1_109	---	B7H0086-BLK1 Method Blank 1	Method Blank	1.0000	1:5	Analyte
110 170815M1_110	---	B7H0086-BS1 OPR 1	OPR	1.0000	1:6	Analyte
111 170815M1_111	---	B7H0086-BS2 OPR 1	OPR	1.0000	1:7	Analyte
112 170815M1_112	---	B7H0086-BS3 OPR 1	OPR	1.0000	1:8	Analyte
113 170815M1_113	---	B7H0086-BS4 OPR 1	OPR	1.0000	1:9	Analyte
114 170815M1_114	---	B7H0086-BS5 OPR 1	OPR	1.0000	1:10	Analyte
115 170815M1_115	---	1700813-01 RE1 LOD/LOQ Full List DoD 3Q17	LOD/LOQ Full List DoD 3Q17	1.0000	1:11	Analyte
116 170815M1_116	---	IPA	IPA	1.0000	1:48	Blank
117 170815M1_117	X	ST170815M1-8 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:4	Analyte
118 170815M1_118	---	IPA	IPA	1.0000	1:48	Blank
119 170815M1_119	---	170814_1034_3	170814_1034_3	1.0000	1:12	Blank
120 170815M1_120	---	170814_1034_4	170814_1034_4	1.0000	1:13	Blank

Sample List Report**MassLynx MassLynx V4.1 SCN945 SCN960**

Sample List: U:\Q4.PRO\SampleDB\170815M1.SPL
Last Modified: Tuesday, August 15, 2017 17:54:39 Pacific Daylight Time
Printed: Tuesday, August 15, 2017 17:55:26 Pacific Daylight Time

Page 7 of 8

Page Position (1, 4)

	File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
121	170815M1_121	---	170814_1034_6	170814_1034_6	1.0000	1:14	Blank
122	170815M1_122	---	IPA	IPA	1.0000	1:48	Blank
123	170815M1_123	---	125ml 1:1 ACN/MeOH	125ml 1:1 ACN/MeOH	1.0000	1:15	Blank
124	170815M1_124	---	125ml MeOH Rinse 1	125ml MeOH Rinse 1	1.0000	1:16	Blank
125	170815M1_125	---	125ml MeOH Rinse 2	125ml MeOH Rinse 2	1.0000	1:17	Blank
126	170815M1_126	---	IPA	IPA	1.0000	1:48	Blank

Dataset: U:\Q4.PRO\results\170815M1\170815M1-107.qld

Last Altered: Wednesday, August 16, 2017 15:41:48 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:41:52 Pacific Daylight Time

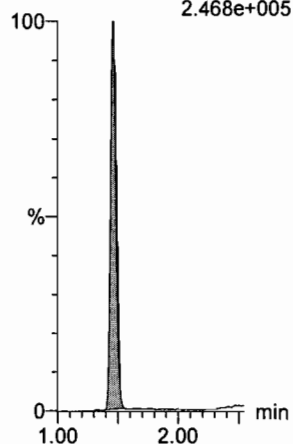
Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170815M1_107, Date: 16-Aug-2017, Time: 08:19:59, ID: ST170815M1-7 PFC CS3 17H1505, Description: PFC CS3 17H1505

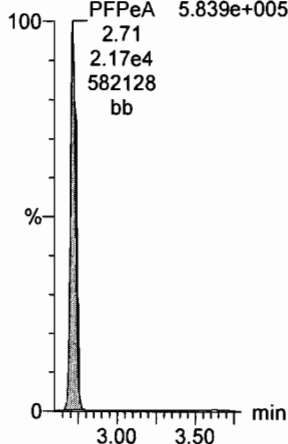
PFBA

F1:MRM of 2 channels,ES-
213.0 > 168.8
2.468e+005



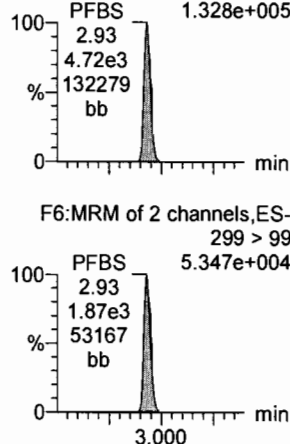
PFPeA

F4:MRM of 1 channel,ES-
263.1 > 218.9
5.839e+005



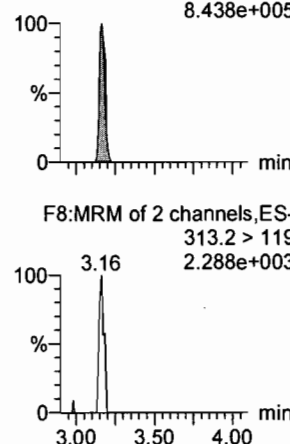
PFBS

F6:MRM of 2 channels,ES-
299 > 79.7
1.328e+005



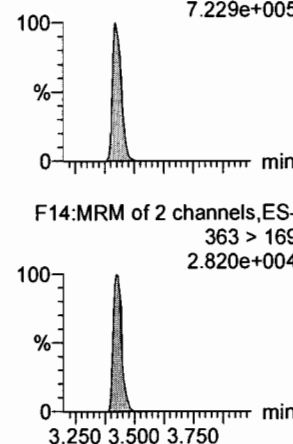
PFHxA

F8:MRM of 2 channels,ES-
313.2 > 268.9
8.438e+005



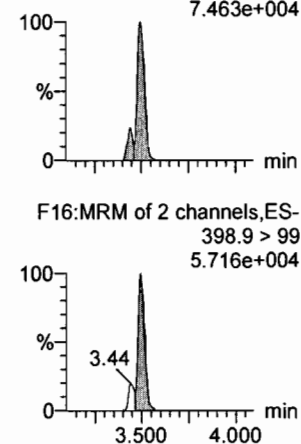
PFHpA

F14:MRM of 2 channels,ES-
363 > 318.9
7.229e+005



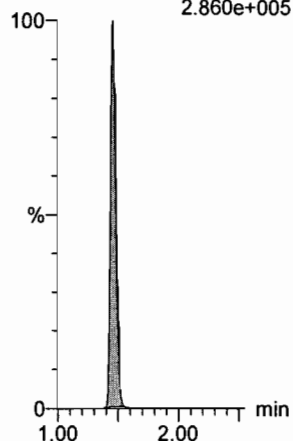
PFHxS

F16:MRM of 2 channels,ES-
398.9 > 79.6
7.463e+004



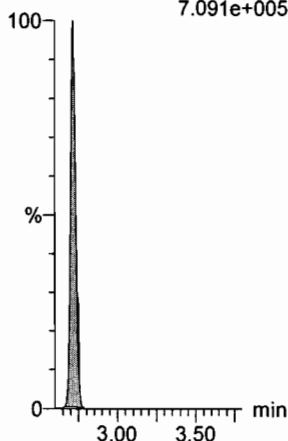
13C3-PFBA

F2:MRM of 1 channel,ES-
216.1 > 171.8
2.860e+005



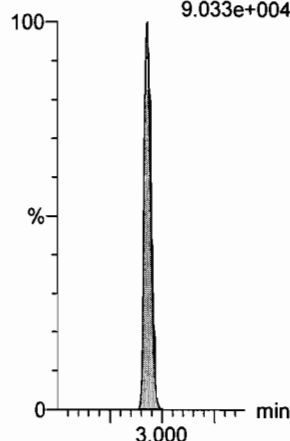
13C3-PFPeA

F5:MRM of 1 channel,ES-
266 > 221.8
7.091e+005



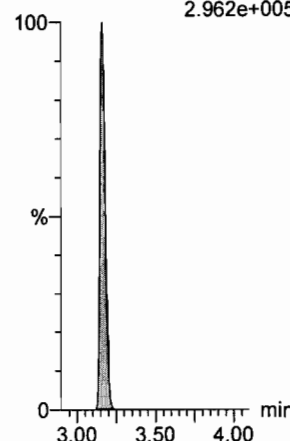
13C3-PFBS

F7:MRM of 1 channel,ES-
302 > 98.8
9.033e+004



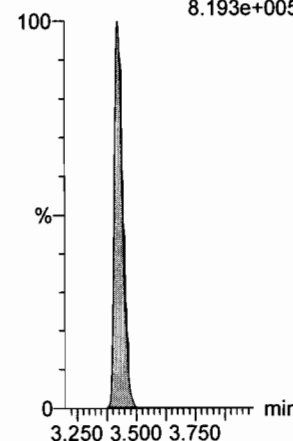
13C2-PFHxA

F9:MRM of 1 channel,ES-
315 > 269.8
2.962e+005



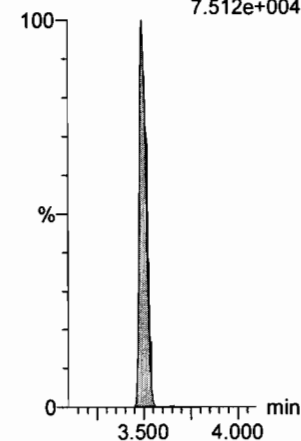
13C4-PFHpA

F15:MRM of 1 channel,ES-
367.2 > 321.8
8.193e+005



18O2-PFHxS

F18:MRM of 1 channel,ES-
403 > 102.6
7.512e+004



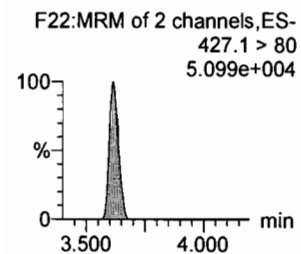
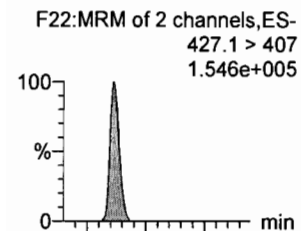
Dataset: U:\Q4.PRO\results\170815M1\170815M1-107.qld

Last Altered: Wednesday, August 16, 2017 15:41:48 Pacific Daylight Time

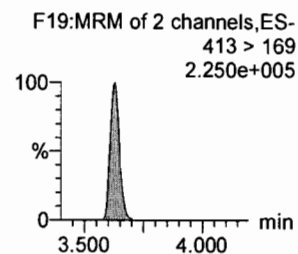
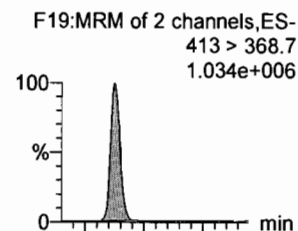
Printed: Wednesday, August 16, 2017 15:41:52 Pacific Daylight Time

Name: 170815M1_107, Date: 16-Aug-2017, Time: 08:19:59, ID: ST170815M1-7 PFC CS3 17H1505, Description: PFC CS3 17H1505

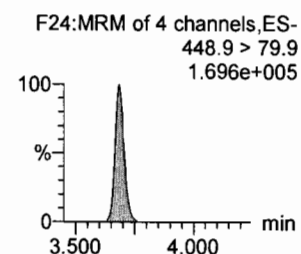
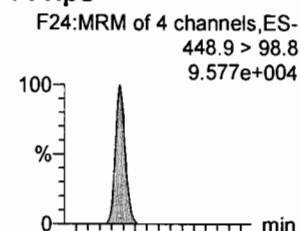
6:2 FTS



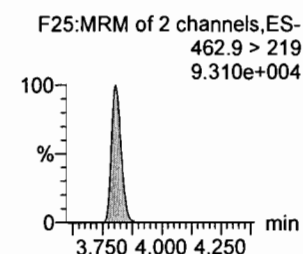
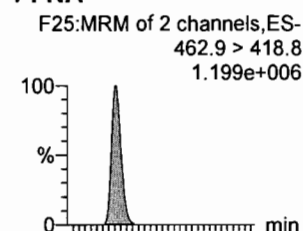
PFOA



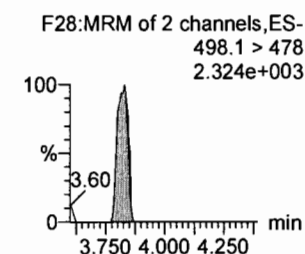
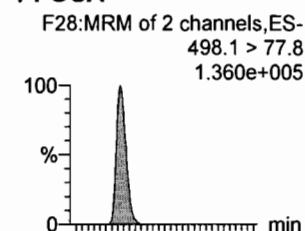
PFHpS



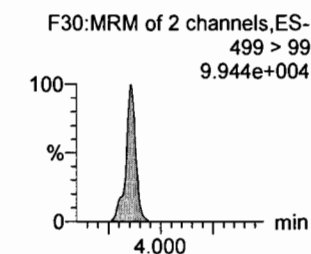
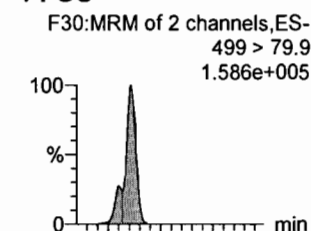
PFNA



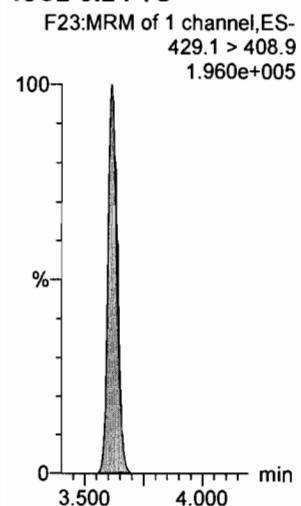
PFOSA



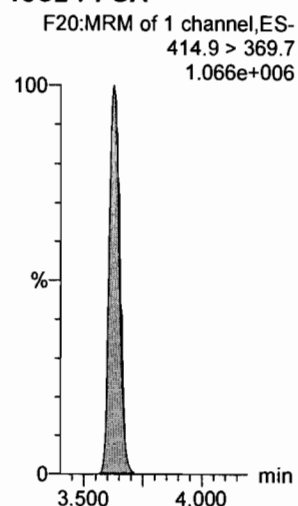
PFOS



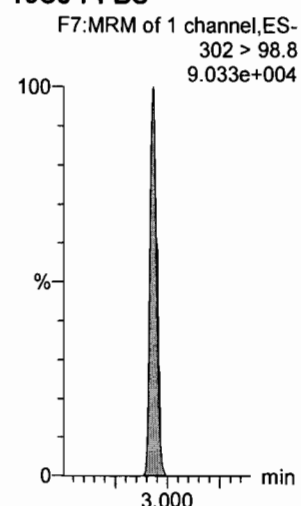
13C2-6:2 FTS



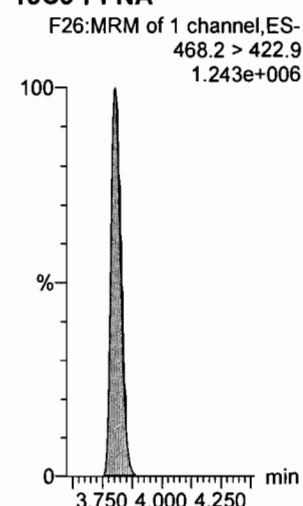
13C2-PFOA



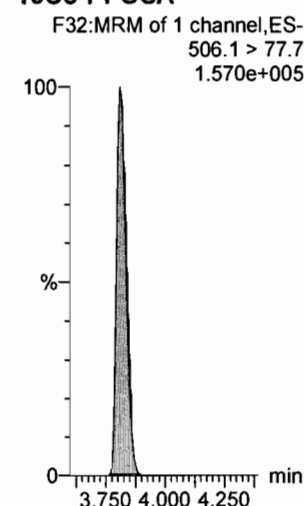
13C3-PFBS



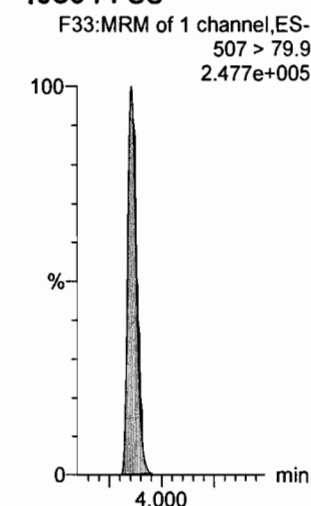
13C5-PFNA



13C8-PFOSA



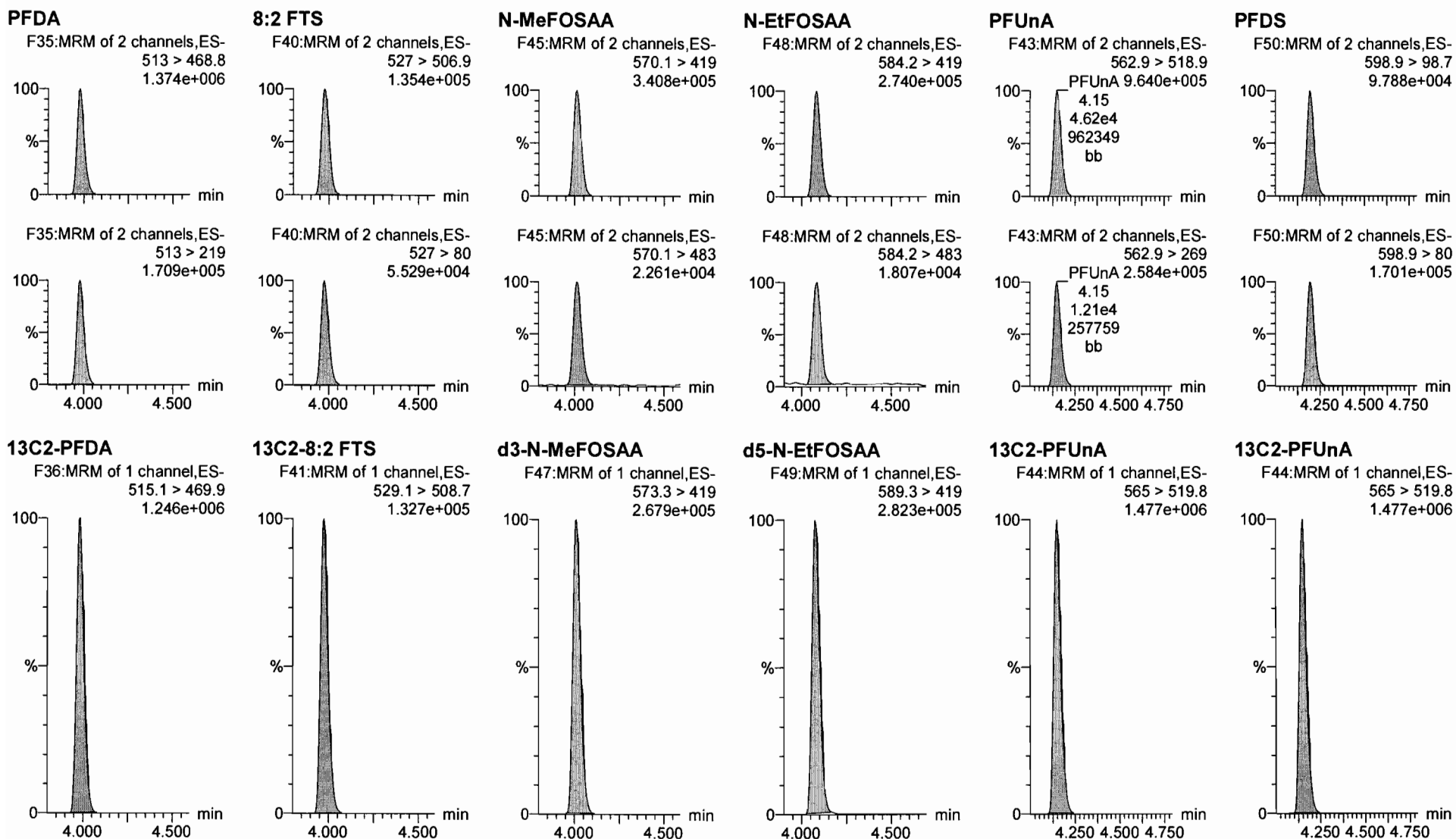
13C8-PFOS



Dataset: U:\Q4.PRO\results\170815M1\170815M1-107.qld

Last Altered: Wednesday, August 16, 2017 15:41:48 Pacific Daylight Time
Printed: Wednesday, August 16, 2017 15:41:52 Pacific Daylight Time

Name: 170815M1_107, Date: 16-Aug-2017, Time: 08:19:59, ID: ST170815M1-7 PFC CS3 17H1505, Description: PFC CS3 17H1505



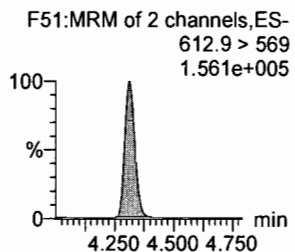
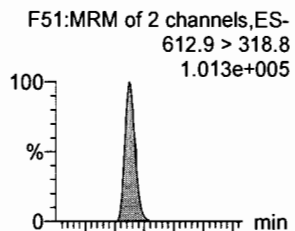
Dataset: U:\Q4.PRO\results\170815M1\170815M1-107.qld

Last Altered: Wednesday, August 16, 2017 15:41:48 Pacific Daylight Time

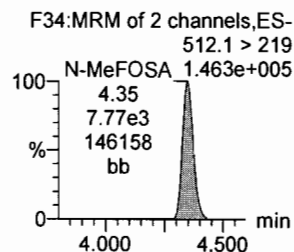
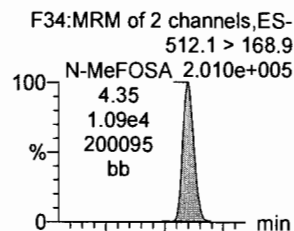
Printed: Wednesday, August 16, 2017 15:41:52 Pacific Daylight Time

Name: 170815M1_107, Date: 16-Aug-2017, Time: 08:19:59, ID: ST170815M1-7 PFC CS3 17H1505, Description: PFC CS3 17H1505

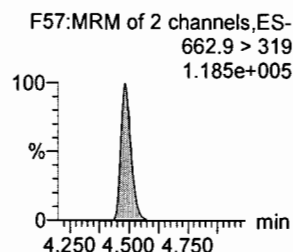
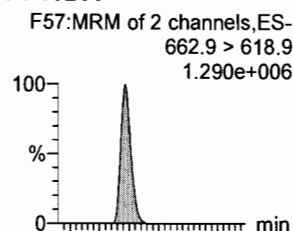
PFDaA



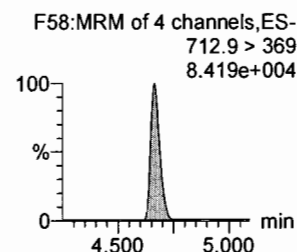
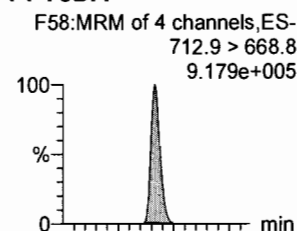
N-MeFOSA



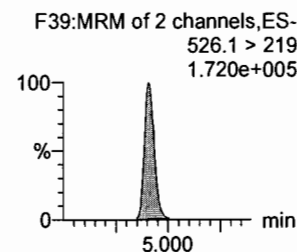
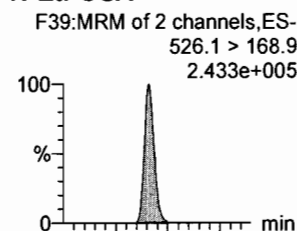
PFTTrDA



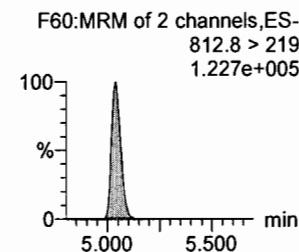
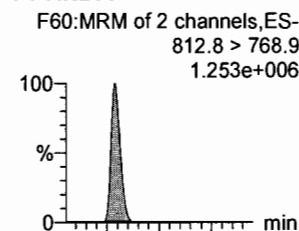
PFTeDA



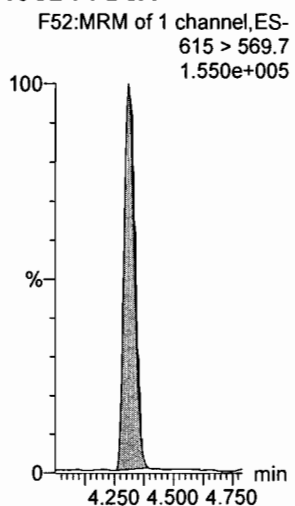
N-EtFOSA



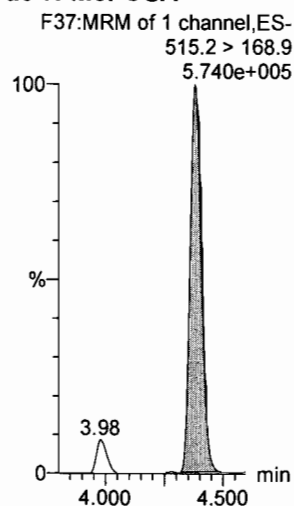
PFHxDA



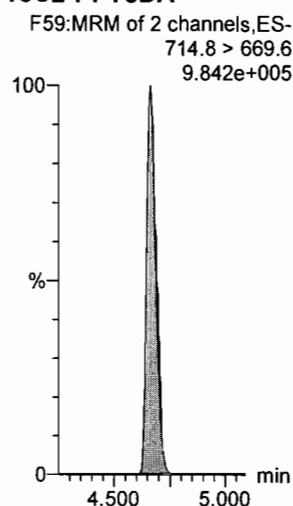
13C2-PFDaA



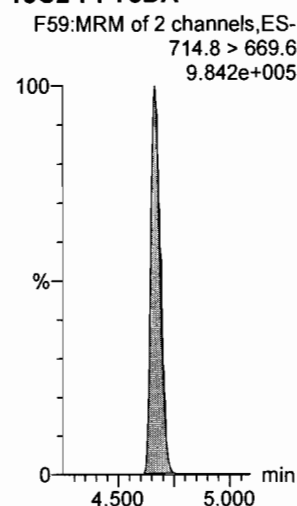
d3-N-MeFOSA



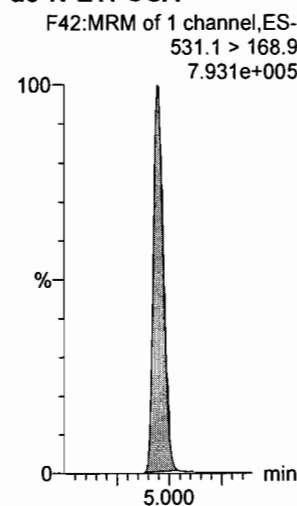
13C2-PFTeDA



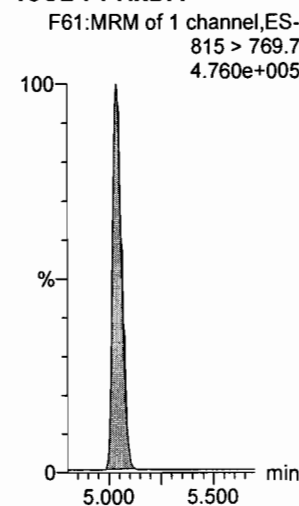
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



Dataset: U:\Q4.PRO\results\170815M1\170815M1-107.qld

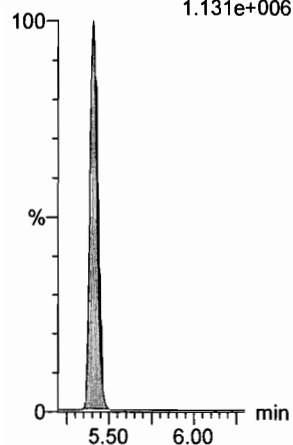
Last Altered: Wednesday, August 16, 2017 15:41:48 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:41:52 Pacific Daylight Time

Name: 170815M1_107, Date: 16-Aug-2017, Time: 08:19:59, ID: ST170815M1-7 PFC CS3 17H1505, Description: PFC CS3 17H1505

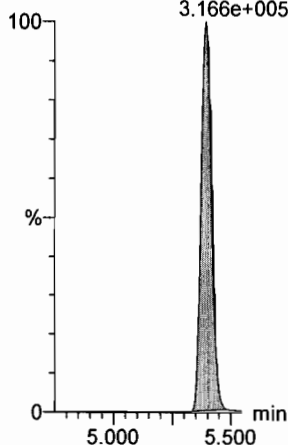
PFODA

F62:MRM of 4 channels,ES-
912.8 > 868.8
1.131e+006



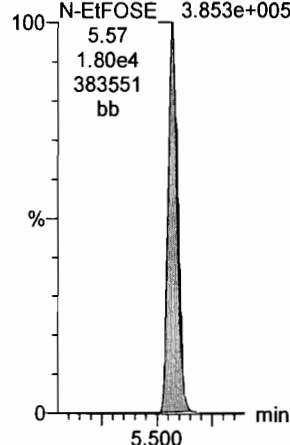
N-MeFOSE

F53:MRM of 1 channel,ES-
616.1 > 58.9
3.166e+005



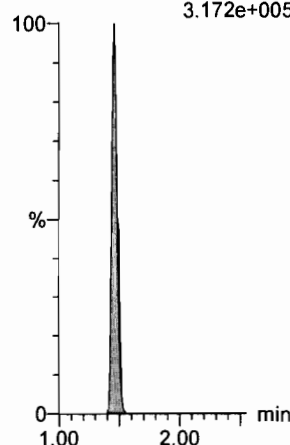
N-EtFOSE

F55:MRM of 1 channel,ES-
630.1 > 58.9
3.853e+005



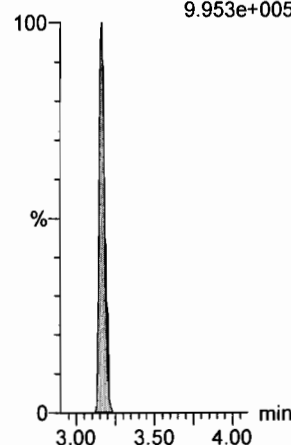
13C4-PFBA

F3:MRM of 1 channel,ES-
217 > 171.8
3.172e+005



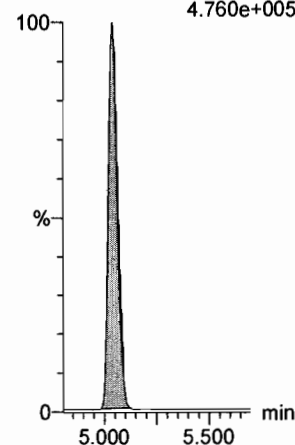
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
9.953e+005



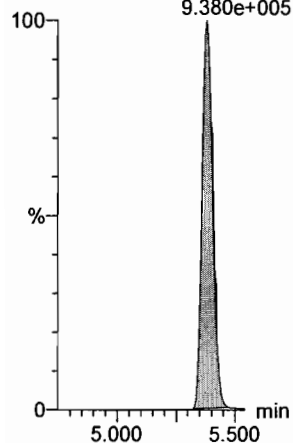
13C2-PFHxDA

F61:MRM of 1 channel,ES-
815 > 769.7
4.760e+005



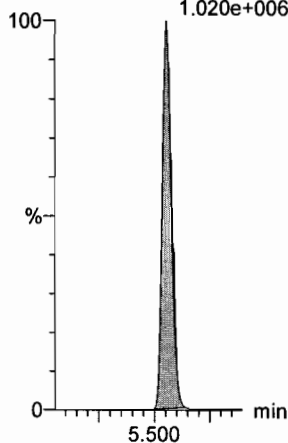
d7-N-MeFOSE

F54:MRM of 1 channel,ES-
623.1 > 58.9
9.380e+005



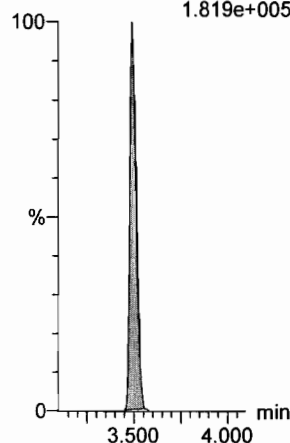
d9-N-EtFOSE

F56:MRM of 1 channel,ES-
639.2 > 58.8
1.020e+006



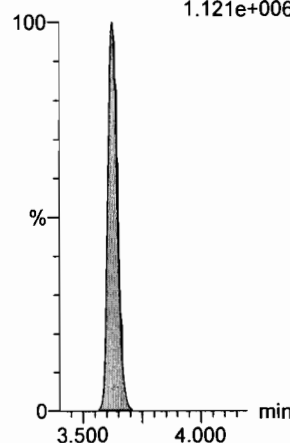
13C3-PFHxS

F17:MRM of 1 channel,ES-
401.9 > 79.9
1.819e+005



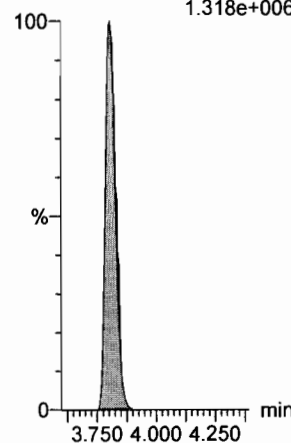
13C8-PFOA

F21:MRM of 1 channel,ES-
421.3 > 376
1.121e+006



13C9-PFNA

F27:MRM of 1 channel,ES-
472.2 > 426.9
1.318e+006

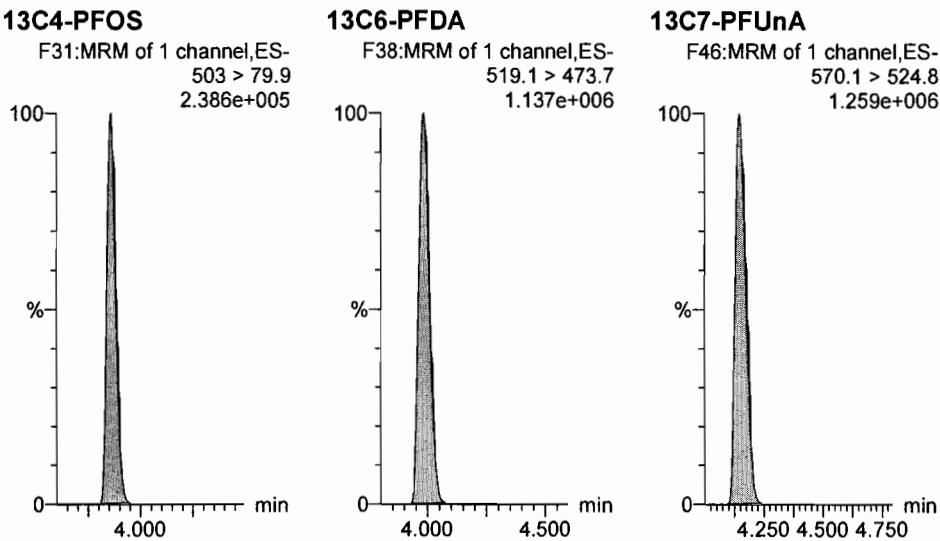


Dataset: U:\Q4.PRO\results\170815M1\170815M1-107.qld

Last Altered: Wednesday, August 16, 2017 15:41:48 Pacific Daylight Time

Printed: Wednesday, August 16, 2017 15:41:52 Pacific Daylight Time

Name: 170815M1_107, Date: 16-Aug-2017, Time: 08:19:59, ID: ST170815M1-7 PFC CS3 17H1505, Description: PFC CS3 17H1505



Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_RS=only.mdb 11 Aug 2017 12:16:30

Calibration: 17 Aug 2017 11:47:57

Name: 170816M1_2, Date: 16-Aug-2017, Time: 12:27:16, ID: ST170816M1-1 PFC CS0 17H1504, Description: PFC CS0 17H1504

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	ST170...	3.77e4	100.0	NO
2	2	13C3-PFHxS	ST170...	6.35e3	100.0	NO
3	3	13C8-PFOA	ST170...	5.38e4	100.0	NO
4	4	13C9-PFNA	ST170...	7.32e4	100.0	NO
5	5	13C4-PFOS	ST170...	1.11e4	100.0	NO
6	6	13C6-PFDA	ST170...	7.37e4	100.0	NO
7	7	13C7-PFUnA	ST170...	6.94e4	100.0	NO

Name: 170816M1_3, Date: 16-Aug-2017, Time: 12:38:15, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	1.58e1	0.0	NO

Name: 170816M1_4, Date: 16-Aug-2017, Time: 12:49:03, ID: B7H0059-BS1 OPR 1, Description: OPR

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	5.62e4	149.3	NO
2	2	13C3-PFHxS	B7H00...	9.24e3	145.4	NO
3	3	13C8-PFOA	B7H00...	5.15e4	95.8	NO
4	4	13C9-PFNA	B7H00...	4.86e4	66.4	NO
5	5	13C4-PFOS	B7H00...	9.87e3	88.9	NO
6	6	13C6-PFDA	B7H00...	5.76e4	78.1	NO
7	7	13C7-PFUnA	B7H00...	6.13e4	88.4	NO

Name: 170816M1_5, Date: 16-Aug-2017, Time: 12:59:47, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	1.04e1	0.0	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_6, Date: 16-Aug-2017, Time: 13:10:25, ID: B7H0058-BLK1 Method Blank 1, Description: Method Blank

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.78e4	180.0	YES
2	2	13C3-PFHxS	B7H00...	1.11e4	174.3	YES
3	3	13C8-PFOA	B7H00...	5.33e4	99.1	NO
4	4	13C9-PFNA	B7H00...	5.71e4	78.0	NO
5	5	13C4-PFOS	B7H00...	1.05e4	94.7	NO
6	6	13C6-PFDA	B7H00...	5.70e4	77.4	NO
7	7	13C7-PFUnA	B7H00...	5.35e4	77.1	NO

Name: 170816M1_7, Date: 16-Aug-2017, Time: 13:21:04, ID: B7H0059-BLK1 Method Blank 1, Description: Method Blank

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	5.03e4	133.4	NO
2	2	13C3-PFHxS	B7H00...	9.88e3	155.5	YES
3	3	13C8-PFOA	B7H00...	4.82e4	89.6	NO
4	4	13C9-PFNA	B7H00...	5.44e4	74.2	NO
5	5	13C4-PFOS	B7H00...	9.25e3	83.3	NO
6	6	13C6-PFDA	B7H00...	6.00e4	81.4	NO
7	7	13C7-PFUnA	B7H00...	5.64e4	81.3	NO

Name: 170816M1_8, Date: 16-Aug-2017, Time: 13:31:43, ID: B7H0049-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	5.67e4	150.4	YES
2	2	13C3-PFHxS	B7H00...	8.96e3	141.1	NO
3	3	13C8-PFOA	B7H00...	4.86e4	90.4	NO
4	4	13C9-PFNA	B7H00...	5.48e4	74.8	NO
5	5	13C4-PFOS	B7H00...	9.03e3	81.3	NO
6	6	13C6-PFDA	B7H00...	5.38e4	73.0	NO
7	7	13C7-PFUnA	B7H00...	4.69e4	67.6	NO

Name: 170816M1_9, Date: 16-Aug-2017, Time: 13:42:29, ID: B7H0058-MS1 Matrix Spike 1.04, Description: Matrix Spike

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.82e4	181.1	YES
2	2	13C3-PFHxS	B7H00...	1.09e4	171.0	YES
3	3	13C8-PFOA	B7H00...	5.93e4	110.3	NO
4	4	13C9-PFNA	B7H00...	6.15e4	84.0	NO
5	5	13C4-PFOS	B7H00...	1.04e4	93.3	NO
6	6	13C6-PFDA	B7H00...	6.14e4	83.4	NO
7	7	13C7-PFUnA	B7H00...	5.85e4	84.3	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_10, Date: 16-Aug-2017, Time: 13:53:07, ID: B7H0058-MSD1 Matrix Spike Dup 1.04, Description: Matrix Spike Dup

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.95e4	184.4	YES
2	2	13C3-PFHxS	B7H00...	1.10e4	172.7	YES
3	3	13C8-PFOA	B7H00...	5.96e4	110.9	NO
4	4	13C9-PFNA	B7H00...	6.23e4	85.0	NO
5	5	13C4-PFOS	B7H00...	1.05e4	94.9	NO
6	6	13C6-PFDA	B7H00...	7.00e4	95.0	NO
7	7	13C7-PFUnA	B7H00...	5.85e4	84.3	NO

Name: 170816M1_11, Date: 16-Aug-2017, Time: 14:03:46, ID: B7H0058-MS2 Matrix Spike 1.09, Description: Matrix Spike

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.31e4	167.4	YES
2	2	13C3-PFHxS	B7H00...	1.01e4	159.1	YES
3	3	13C8-PFOA	B7H00...	5.17e4	96.2	NO
4	4	13C9-PFNA	B7H00...	5.16e4	70.4	NO
5	5	13C4-PFOS	B7H00...	1.03e4	92.9	NO
6	6	13C6-PFDA	B7H00...	6.08e4	82.4	NO
7	7	13C7-PFUnA	B7H00...	5.70e4	82.2	NO

Name: 170816M1_12, Date: 16-Aug-2017, Time: 14:14:24, ID: B7H0058-MSD2 Matrix Spike Dup 1.08, Description: Matrix Spike Dup

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.83e4	181.2	YES
2	2	13C3-PFHxS	B7H00...	1.11e4	174.7	YES
3	3	13C8-PFOA	B7H00...	5.66e4	105.3	NO
4	4	13C9-PFNA	B7H00...	6.42e4	87.7	NO
5	5	13C4-PFOS	B7H00...	1.07e4	96.0	NO
6	6	13C6-PFDA	B7H00...	6.46e4	87.7	NO
7	7	13C7-PFUnA	B7H00...	5.57e4	80.3	NO

Name: 170816M1_13, Date: 16-Aug-2017, Time: 14:25:02, ID: B7H0059-MS1 Matrix Spike 3.59, Description: Matrix Spike

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	5.93e4	157.3	YES
2	2	13C3-PFHxS	B7H00...	1.04e4	164.1	YES
3	3	13C8-PFOA	B7H00...	5.33e4	99.2	NO
4	4	13C9-PFNA	B7H00...	5.95e4	81.2	NO
5	5	13C4-PFOS	B7H00...	1.04e4	93.5	NO
6	6	13C6-PFDA	B7H00...	6.10e4	82.8	NO
7	7	13C7-PFUnA	B7H00...	6.38e4	91.9	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_14, Date: 16-Aug-2017, Time: 14:35:49, ID: B7H0059-MSD1 Matrix Spike Dup 3.58, Description: Matrix Spike Dup

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.31e4	167.4	YES
2	2	13C3-PFHxS	B7H00...	9.91e3	155.9	YES
3	3	13C8-PFOA	B7H00...	5.23e4	97.2	NO
4	4	13C9-PFNA	B7H00...	5.69e4	77.7	NO
5	5	13C4-PFOS	B7H00...	9.37e3	84.3	NO
6	6	13C6-PFDA	B7H00...	6.01e4	81.6	NO
7	7	13C7-PFUnA	B7H00...	5.63e4	81.1	NO

Name: 170816M1_15, Date: 16-Aug-2017, Time: 14:46:28, ID: 1700973-05@5X MATPXX127b 0.125, Description: MATPXX127b

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	1.24e4	32.9	YES
2	2	13C3-PFHxS	17009...	2.04e3	32.2	YES
3	3	13C8-PFOA	17009...	1.04e4	19.4	YES
4	4	13C9-PFNA	17009...	1.20e4	16.4	YES
5	5	13C4-PFOS	17009...	2.05e3	18.5	YES
6	6	13C6-PFDA	17009...	1.17e4	15.9	YES
7	7	13C7-PFUnA	17009...	1.16e4	16.7	YES

Name: 170816M1_16, Date: 16-Aug-2017, Time: 14:57:14, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA	7.12e0	0.0	NO
7	7	13C7-PFUnA	IPA			NO

Name: 170816M1_17, Date: 16-Aug-2017, Time: 15:08:16, ID: 1700973-06 MATP04054b 0.125, Description: MATP04054b

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	3.71e4	98.6	NO
2	2	13C3-PFHxS	17009...	3.15e3	49.6	YES
3	3	13C8-PFOA	17009...	4.12e4	76.6	NO
4	4	13C9-PFNA	17009...	3.83e4	52.2	NO
5	5	13C4-PFOS	17009...	4.70e3	42.3	YES
6	6	13C6-PFDA	17009...	5.11e4	69.3	NO
7	7	13C7-PFUnA	17009...	5.90e4	85.1	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_18, Date: 16-Aug-2017, Time: 15:19:14, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA	8.16e0	0.0	NO
7	7	13C7-PFUnA	IPA	1.49e1	0.0	NO

Name: 170816M1_19, Date: 16-Aug-2017, Time: 15:29:52, ID: 1700973-06@20X MATP04054b 0.125, Description: MATP04054b

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	2.44e3	6.5	YES
2	2	13C3-PFHxS	17009...	3.65e2	5.7	YES
3	3	13C8-PFOA	17009...	2.74e3	5.1	YES
4	4	13C9-PFNA	17009...	2.88e3	3.9	YES
5	5	13C4-PFOS	17009...	4.91e2	4.4	YES
6	6	13C6-PFDA	17009...	2.99e3	4.1	YES
7	7	13C7-PFUnA	17009...	2.86e3	4.1	YES

Name: 170816M1_20, Date: 16-Aug-2017, Time: 15:40:31, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	2.30e1	0.0	NO

Name: 170816M1_21, Date: 16-Aug-2017, Time: 15:51:09, ID: 1700973-07 MATPXX133b 0.125, Description: MATPXX133b

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	5.38e4	142.7	NO
2	2	13C3-PFHxS	17009...	8.77e3	138.1	NO
3	3	13C8-PFOA	17009...	4.77e4	88.7	NO
4	4	13C9-PFNA	17009...	5.31e4	72.5	NO
5	5	13C4-PFOS	17009...	8.49e3	76.5	NO
6	6	13C6-PFDA	17009...	4.93e4	66.9	NO
7	7	13C7-PFUnA	17009...	4.67e4	67.3	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_22, Date: 16-Aug-2017, Time: 16:01:47, ID: 1700974-09 MATP04052 0.125, Description: MATP04052

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	3.73e4	98.9	NO
2	2	13C3-PFHxS	17009...	3.10e3	48.8	YES
3	3	13C8-PFOA	17009...	4.09e4	76.0	NO
4	4	13C9-PFNA	17009...	3.52e4	48.0	YES
5	5	13C4-PFOS	17009...	5.32e3	47.9	YES
6	6	13C6-PFDA	17009...	5.63e4	76.4	NO
7	7	13C7-PFUnA	17009...	5.92e4	85.4	NO

Name: 170816M1_23, Date: 16-Aug-2017, Time: 16:12:26, ID: 1700979-01 MATP01014 1.02, Description: MATP01014

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.40e4	169.9	YES
2	2	13C3-PFHxS	17009...	1.07e4	167.8	YES
3	3	13C8-PFOA	17009...	5.55e4	103.1	NO
4	4	13C9-PFNA	17009...	6.20e4	84.7	NO
5	5	13C4-PFOS	17009...	1.04e4	94.0	NO
6	6	13C6-PFDA	17009...	5.78e4	78.4	NO
7	7	13C7-PFUnA	17009...	5.56e4	80.1	NO

Name: 170816M1_24, Date: 16-Aug-2017, Time: 16:23:04, ID: 1700979-02 MATP01015 1.26, Description: MATP01015

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.44e4	170.9	YES
2	2	13C3-PFHxS	17009...	1.08e4	170.7	YES
3	3	13C8-PFOA	17009...	5.11e4	95.1	NO
4	4	13C9-PFNA	17009...	6.21e4	84.8	NO
5	5	13C4-PFOS	17009...	1.09e4	98.1	NO
6	6	13C6-PFDA	17009...	6.04e4	82.0	NO
7	7	13C7-PFUnA	17009...	6.90e4	99.4	NO

Name: 170816M1_25, Date: 16-Aug-2017, Time: 16:33:43, ID: 1700979-04 MATP01018 1.35, Description: MATP01018

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.28e4	166.7	YES
2	2	13C3-PFHxS	17009...	1.04e4	164.1	YES
3	3	13C8-PFOA	17009...	5.73e4	106.5	NO
4	4	13C9-PFNA	17009...	6.49e4	88.6	NO
5	5	13C4-PFOS	17009...	9.84e3	88.6	NO
6	6	13C6-PFDA	17009...	5.81e4	78.9	NO
7	7	13C7-PFUnA	17009...	5.02e4	72.4	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_26, Date: 16-Aug-2017, Time: 16:44:21, ID: 1700979-05 MATP01019 1.07, Description: MATP01019

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.95e4	184.4	YES
2	2	13C3-PFHxS	17009...	1.12e4	176.4	YES
3	3	13C8-PFOA	17009...	5.99e4	111.4	NO
4	4	13C9-PFNA	17009...	6.76e4	92.3	NO
5	5	13C4-PFOS	17009...	1.12e4	101.2	NO
6	6	13C6-PFDA	17009...	6.56e4	89.1	NO
7	7	13C7-PFUnA	17009...	6.49e4	93.5	NO

Name: 170816M1_27, Date: 16-Aug-2017, Time: 16:54:59, ID: 1700979-06 MATP01021 1.05, Description: MATP01021

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.58e4	174.7	YES
2	2	13C3-PFHxS	17009...	1.01e4	159.6	YES
3	3	13C8-PFOA	17009...	5.48e4	101.9	NO
4	4	13C9-PFNA	17009...	6.08e4	83.0	NO
5	5	13C4-PFOS	17009...	1.01e4	91.2	NO
6	6	13C6-PFDA	17009...	5.34e4	72.4	NO
7	7	13C7-PFUnA	17009...	5.28e4	76.1	NO

Name: 170816M1_28, Date: 16-Aug-2017, Time: 17:05:38, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA	5.97e0	0.0	NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA	7.96e0	0.0	NO
7	7	13C7-PFUnA	IPA	2.00e1	0.0	NO

Name: 170816M1_29, Date: 16-Aug-2017, Time: 17:16:34, ID: ST170816M1-2 PFC CS3 17H1505, Description: PFC CS0 17H1505

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	ST170...	4.22e4	112.1	NO
2	2	13C3-PFHxS	ST170...	8.74e3	137.7	NO
3	3	13C8-PFOA	ST170...	5.84e4	108.7	NO
4	4	13C9-PFNA	ST170...	6.18e4	84.4	NO
5	5	13C4-PFOS	ST170...	1.03e4	92.4	NO
6	6	13C6-PFDA	ST170...	6.00e4	81.4	NO
7	7	13C7-PFUnA	ST170...	6.95e4	100.2	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_30, Date: 16-Aug-2017, Time: 17:27:35, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA	9.20e0	0.0	NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA	5.80e0	0.0	NO
7	7	13C7-PFUnA	IPA	1.33e1	0.0	NO

Name: 170816M1_31, Date: 16-Aug-2017, Time: 17:38:16, ID: 1700979-08 MATP01023 1.15, Description: MATP01023

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	7.15e4	189.8	YES
2	2	13C3-PFHxS	17009...	1.14e4	178.9	YES
3	3	13C8-PFOA	17009...	5.72e4	106.4	NO
4	4	13C9-PFNA	17009...	5.76e4	78.7	NO
5	5	13C4-PFOS	17009...	1.17e4	105.1	NO
6	6	13C6-PFDA	17009...	6.23e4	84.6	NO
7	7	13C7-PFUnA	17009...	7.50e4	108.1	NO

Name: 170816M1_32, Date: 16-Aug-2017, Time: 17:49:01, ID: 1700979-09 MATP01025 1.04, Description: MATP01025

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.66e4	176.9	YES
2	2	13C3-PFHxS	17009...	1.04e4	164.4	YES
3	3	13C8-PFOA	17009...	5.13e4	95.5	NO
4	4	13C9-PFNA	17009...	6.51e4	88.9	NO
5	5	13C4-PFOS	17009...	1.03e4	92.9	NO
6	6	13C6-PFDA	17009...	6.06e4	82.2	NO
7	7	13C7-PFUnA	17009...	6.03e4	86.9	NO

Name: 170816M1_33, Date: 16-Aug-2017, Time: 17:59:39, ID: 1700979-10 MATP01026 1.14, Description: MATP01026

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	5.95e4	158.0	YES
2	2	13C3-PFHxS	17009...	1.01e4	159.4	YES
3	3	13C8-PFOA	17009...	5.40e4	100.5	NO
4	4	13C9-PFNA	17009...	6.11e4	83.4	NO
5	5	13C4-PFOS	17009...	1.01e4	90.9	NO
6	6	13C6-PFDA	17009...	5.37e4	72.8	NO
7	7	13C7-PFUnA	17009...	6.43e4	92.6	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_34, Date: 16-Aug-2017, Time: 18:10:18, ID: 1700979-12 MATP01029 1.11, Description: MATP01029

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	5.56e4	147.7	NO
2	2	13C3-PFHxS	17009...	9.29e3	146.2	NO
3	3	13C8-PFOA	17009...	4.63e4	86.1	NO
4	4	13C9-PFNA	17009...	5.58e4	76.2	NO
5	5	13C4-PFOS	17009...	8.45e3	76.1	NO
6	6	13C6-PFDA	17009...	5.32e4	72.2	NO
7	7	13C7-PFUnA	17009...	5.72e4	82.5	NO

Name: 170816M1_35, Date: 16-Aug-2017, Time: 18:20:56, ID: 1700979-13 MATP01030 1.11, Description: MATP01030

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.49e4	172.2	YES
2	2	13C3-PFHxS	17009...	9.88e3	155.5	YES
3	3	13C8-PFOA	17009...	5.11e4	95.1	NO
4	4	13C9-PFNA	17009...	5.89e4	80.4	NO
5	5	13C4-PFOS	17009...	9.92e3	89.3	NO
6	6	13C6-PFDA	17009...	5.71e4	77.5	NO
7	7	13C7-PFUnA	17009...	6.36e4	91.7	NO

Name: 170816M1_36, Date: 16-Aug-2017, Time: 18:31:42, ID: 1700979-15 MATP01033 1.12, Description: MATP01033

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	7.39e4	196.1	YES
2	2	13C3-PFHxS	17009...	1.15e4	180.4	YES
3	3	13C8-PFOA	17009...	6.42e4	119.4	NO
4	4	13C9-PFNA	17009...	6.24e4	85.2	NO
5	5	13C4-PFOS	17009...	1.09e4	98.6	NO
6	6	13C6-PFDA	17009...	7.21e4	97.9	NO
7	7	13C7-PFUnA	17009...	6.94e4	100.0	NO

Name: 170816M1_37, Date: 16-Aug-2017, Time: 18:42:29, ID: 1700978-01 MATP01035 1.04, Description: MATP01035

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.34e4	168.4	YES
2	2	13C3-PFHxS	17009...	1.08e4	170.3	YES
3	3	13C8-PFOA	17009...	5.33e4	99.1	NO
4	4	13C9-PFNA	17009...	5.76e4	78.7	NO
5	5	13C4-PFOS	17009...	1.05e4	95.0	NO
6	6	13C6-PFDA	17009...	5.55e4	75.4	NO
7	7	13C7-PFUnA	17009...	6.66e4	96.0	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_38, Date: 16-Aug-2017, Time: 18:53:07, ID: 1700978-02 MATP01036 1.07, Description: MATP01036

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.49e4	172.3	YES
2	2	13C3-PFHxS	17009...	1.14e4	180.0	YES
3	3	13C8-PFOA	17009...	5.38e4	100.0	NO
4	4	13C9-PFNA	17009...	6.77e4	92.5	NO
5	5	13C4-PFOS	17009...	1.14e4	102.8	NO
6	6	13C6-PFDA	17009...	6.61e4	89.7	NO
7	7	13C7-PFUnA	17009...	6.80e4	98.0	NO

Name: 170816M1_39, Date: 16-Aug-2017, Time: 19:03:54, ID: 1700978-03 MATP03042 1.16, Description: MATP03042

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.17e4	163.8	YES
2	2	13C3-PFHxS	17009...	1.04e4	164.2	YES
3	3	13C8-PFOA	17009...	5.30e4	98.7	NO
4	4	13C9-PFNA	17009...	6.18e4	84.4	NO
5	5	13C4-PFOS	17009...	1.11e4	100.3	NO
6	6	13C6-PFDA	17009...	6.15e4	83.4	NO
7	7	13C7-PFUnA	17009...	5.78e4	83.3	NO

Name: 170816M1_40, Date: 16-Aug-2017, Time: 19:14:32, ID: 1700978-04 MATP03043 1.19, Description: MATP03043

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	7.08e4	188.0	YES
2	2	13C3-PFHxS	17009...	1.16e4	182.4	YES
3	3	13C8-PFOA	17009...	6.23e4	115.9	NO
4	4	13C9-PFNA	17009...	6.95e4	94.9	NO
5	5	13C4-PFOS	17009...	1.22e4	109.7	NO
6	6	13C6-PFDA	17009...	6.89e4	93.5	NO
7	7	13C7-PFUnA	17009...	7.19e4	103.6	NO

Name: 170816M1_41, Date: 16-Aug-2017, Time: 19:25:19, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	1.04e1	0.0	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_42, Date: 16-Aug-2017, Time: 19:35:57, ID: ST170816M1-3 PFC CS3 17H1505, Description: PFC CS0 17H1505

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	ST170...	3.99e4	105.9	NO
2	2	13C3-PFHxS	ST170...	7.63e3	120.2	NO
3	3	13C8-PFOA	ST170...	6.12e4	113.8	NO
4	4	13C9-PFNA	ST170...	6.86e4	93.7	NO
5	5	13C4-PFOS	ST170...	1.10e4	98.7	NO
6	6	13C6-PFDA	ST170...	7.25e4	98.4	NO
7	7	13C7-PFUnA	ST170...	6.31e4	90.9	NO

Name: 170816M1_43, Date: 16-Aug-2017, Time: 19:46:43, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA	5.30e0	0.0	NO
7	7	13C7-PFUnA	IPA	1.78e1	0.0	NO

Name: 170816M1_44, Date: 16-Aug-2017, Time: 19:57:22, ID: 1700978-06 MATP04056 1.18, Description: MATP04056

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	5.94e4	157.8	YES
2	2	13C3-PFHxS	17009...	1.04e4	164.0	YES
3	3	13C8-PFOA	17009...	5.20e4	96.7	NO
4	4	13C9-PFNA	17009...	6.62e4	90.3	NO
5	5	13C4-PFOS	17009...	1.06e4	95.2	NO
6	6	13C6-PFDA	17009...	6.17e4	83.8	NO
7	7	13C7-PFUnA	17009...	4.96e4	71.5	NO

Name: 170816M1_45, Date: 16-Aug-2017, Time: 20:08:00, ID: 1700978-08 MATP04058 1.14, Description: MATP04058

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.02e4	159.9	YES
2	2	13C3-PFHxS	17009...	1.01e4	159.1	YES
3	3	13C8-PFOA	17009...	5.04e4	93.8	NO
4	4	13C9-PFNA	17009...	6.02e4	82.2	NO
5	5	13C4-PFOS	17009...	1.03e4	92.5	NO
6	6	13C6-PFDA	17009...	5.42e4	73.5	NO
7	7	13C7-PFUnA	17009...	5.61e4	80.8	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_46, Date: 16-Aug-2017, Time: 20:19:06, ID: 1700978-10 MATP10122 1.12, Description: MATP10122

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	9.64e4	255.7	YES
2	2	13C3-PFHxS	17009...	1.69e4	265.8	YES
3	3	13C8-PFOA	17009...	8.57e4	159.3	YES
4	4	13C9-PFNA	17009...	1.08e5	147.4	NO
5	5	13C4-PFOS	17009...	1.69e4	152.3	YES
6	6	13C6-PFDA	17009...	1.07e5	144.9	NO
7	7	13C7-PFUnA	17009...	1.08e5	155.2	YES

Name: 170816M1_47, Date: 16-Aug-2017, Time: 20:29:51, ID: 1700992-03 MATP09109 2.44, Description: MATP09109

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.10e4	161.9	YES
2	2	13C3-PFHxS	17009...	1.04e4	163.2	YES
3	3	13C8-PFOA	17009...	5.70e4	106.0	NO
4	4	13C9-PFNA	17009...	6.82e4	93.1	NO
5	5	13C4-PFOS	17009...	1.04e4	94.0	NO
6	6	13C6-PFDA	17009...	6.60e4	89.5	NO
7	7	13C7-PFUnA	17009...	6.23e4	89.8	NO

Name: 170816M1_48, Date: 16-Aug-2017, Time: 20:40:29, ID: 1700992-04 MATP09110 2.64, Description: MATP09110

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	5.89e4	156.4	YES
2	2	13C3-PFHxS	17009...	9.86e3	155.3	YES
3	3	13C8-PFOA	17009...	5.17e4	96.1	NO
4	4	13C9-PFNA	17009...	6.07e4	82.8	NO
5	5	13C4-PFOS	17009...	9.76e3	87.9	NO
6	6	13C6-PFDA	17009...	5.59e4	75.9	NO
7	7	13C7-PFUnA	17009...	6.27e4	90.4	NO

Name: 170816M1_49, Date: 16-Aug-2017, Time: 20:51:07, ID: 1700992-06 MATP09112 1.22, Description: MATP09112

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.12e4	162.4	YES
2	2	13C3-PFHxS	17009...	1.00e4	157.7	YES
3	3	13C8-PFOA	17009...	5.18e4	96.3	NO
4	4	13C9-PFNA	17009...	6.01e4	82.0	NO
5	5	13C4-PFOS	17009...	9.84e3	88.6	NO
6	6	13C6-PFDA	17009...	6.43e4	87.3	NO
7	7	13C7-PFUnA	17009...	5.36e4	77.3	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_50, Date: 16-Aug-2017, Time: 21:01:46, ID: 1700992-07 MATP08106 3.58, Description: MATP08106

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.09e4	161.6	YES
2	2	13C3-PFHxS	17009...	1.01e4	158.5	YES
3	3	13C8-PFOA	17009...	5.43e4	101.0	NO
4	4	13C9-PFNA	17009...	5.63e4	76.8	NO
5	5	13C4-PFOS	17009...	9.78e3	88.1	NO
6	6	13C6-PFDA	17009...	5.48e4	74.3	NO
7	7	13C7-PFUnA	17009...	5.59e4	80.5	NO

Name: 170816M1_51, Date: 16-Aug-2017, Time: 21:12:32, ID: 1700983-12 BANGR-EB-002-073117 0.114, Description: BANGR-EB-002-073117

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	5.77e4	153.1	YES
2	2	13C3-PFHxS	17009...	9.66e3	152.1	YES
3	3	13C8-PFOA	17009...	4.77e4	88.7	NO
4	4	13C9-PFNA	17009...	5.66e4	77.3	NO
5	5	13C4-PFOS	17009...	9.10e3	81.9	NO
6	6	13C6-PFDA	17009...	5.01e4	67.9	NO
7	7	13C7-PFUnA	17009...	5.48e4	79.0	NO

Name: 170816M1_52, Date: 16-Aug-2017, Time: 21:23:19, ID: 1700985-04 06302840007300_2017 0.11911, Description: 06302840007300_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	3.70e4	98.3	NO
2	2	13C3-PFHxS	17009...	6.86e3	108.0	NO
3	3	13C8-PFOA	17009...	3.06e4	56.9	NO
4	4	13C9-PFNA	17009...	3.31e4	45.2	YES
5	5	13C4-PFOS	17009...	6.66e3	60.0	NO
6	6	13C6-PFDA	17009...	3.10e4	42.0	YES
7	7	13C7-PFUnA	17009...	3.62e4	52.1	NO

Name: 170816M1_53, Date: 16-Aug-2017, Time: 21:33:57, ID: 1700985-10 06302720003200_2017 0.11612, Description: 06302720003200_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.14e4	163.0	YES
2	2	13C3-PFHxS	17009...	9.61e3	151.2	YES
3	3	13C8-PFOA	17009...	5.13e4	95.4	NO
4	4	13C9-PFNA	17009...	6.01e4	82.1	NO
5	5	13C4-PFOS	17009...	9.11e3	82.0	NO
6	6	13C6-PFDA	17009...	5.73e4	77.8	NO
7	7	13C7-PFUnA	17009...	5.03e4	72.5	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_54, Date: 16-Aug-2017, Time: 21:44:35, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA	1.00e1	0.0	NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA			NO

Name: 170816M1_55, Date: 16-Aug-2017, Time: 21:55:14, ID: ST170816M1-4 PFC CS3 17H1505, Description: PFC CS0 17H1505

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	ST170...	4.52e4	120.0	NO
2	2	13C3-PFHxS	ST170...	8.69e3	136.8	NO
3	3	13C8-PFOA	ST170...	6.51e4	121.0	NO
4	4	13C9-PFNA	ST170...	7.07e4	96.6	NO
5	5	13C4-PFOS	ST170...	1.13e4	101.7	NO
6	6	13C6-PFDA	ST170...	6.41e4	87.0	NO
7	7	13C7-PFUnA	ST170...	7.66e4	110.4	NO

Name: 170816M1_56, Date: 16-Aug-2017, Time: 22:06:02, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	1.50e1	0.0	NO

Name: 170816M1_57, Date: 16-Aug-2017, Time: 22:16:58, ID: 1700985-11 06302840007100_2017 0.11872, Description: 06302840007100_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	5.53e4	146.6	NO
2	2	13C3-PFHxS	17009...	9.25e3	145.6	NO
3	3	13C8-PFOA	17009...	4.16e4	77.4	NO
4	4	13C9-PFNA	17009...	4.82e4	65.8	NO
5	5	13C4-PFOS	17009...	8.60e3	77.4	NO
6	6	13C6-PFDA	17009...	5.13e4	69.6	NO
7	7	13C7-PFUnA	17009...	5.30e4	76.4	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_58, Date: 16-Aug-2017, Time: 22:27:47, ID: 1700985-16 064P5000001200_2017 0.19171, Description: 064P5000001200_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	5.38e4	142.7	NO
2	2	13C3-PFHxS	17009...	8.89e3	140.0	NO
3	3	13C8-PFOA	17009...	4.61e4	85.7	NO
4	4	13C9-PFNA	17009...	5.00e4	68.3	NO
5	5	13C4-PFOS	17009...	8.55e3	77.0	NO
6	6	13C6-PFDA	17009...	5.29e4	71.8	NO
7	7	13C7-PFUnA	17009...	4.93e4	71.1	NO

Name: 170816M1_59, Date: 16-Aug-2017, Time: 22:38:25, ID: 1700985-17 4346F41A_2017 0.12012, Description: 4346F41A_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	5.37e4	142.4	NO
2	2	13C3-PFHxS	17009...	8.73e3	137.4	NO
3	3	13C8-PFOA	17009...	4.69e4	87.2	NO
4	4	13C9-PFNA	17009...	5.62e4	76.8	NO
5	5	13C4-PFOS	17009...	1.00e4	90.4	NO
6	6	13C6-PFDA	17009...	4.62e4	62.6	NO
7	7	13C7-PFUnA	17009...	5.39e4	77.7	NO

Name: 170816M1_60, Date: 16-Aug-2017, Time: 22:49:12, ID: 1700985-18 4346F41B_2017 0.11602, Description: 4346F41B_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	5.06e4	134.3	NO
2	2	13C3-PFHxS	17009...	8.60e3	135.4	NO
3	3	13C8-PFOA	17009...	4.38e4	81.4	NO
4	4	13C9-PFNA	17009...	5.01e4	68.4	NO
5	5	13C4-PFOS	17009...	8.83e3	79.5	NO
6	6	13C6-PFDA	17009...	4.57e4	62.0	NO
7	7	13C7-PFUnA	17009...	4.87e4	70.3	NO

Name: 170816M1_61, Date: 16-Aug-2017, Time: 22:59:50, ID: 1700977-01 Mill Road Tank 0.11953, Description: Mill Road Tank

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	5.18e4	137.4	NO
2	2	13C3-PFHxS	17009...	8.59e3	135.2	NO
3	3	13C8-PFOA	17009...	4.48e4	83.3	NO
4	4	13C9-PFNA	17009...	4.63e4	63.2	NO
5	5	13C4-PFOS	17009...	7.92e3	71.3	NO
6	6	13C6-PFDA	17009...	4.34e4	58.8	NO
7	7	13C7-PFUnA	17009...	4.68e4	67.4	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_62, Date: 16-Aug-2017, Time: 23:10:29, ID: 1700977-03 Field Blank at Well 6 0.11886, Description: Field Blank at Well 6

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	5.63e4	149.4	NO
2	2	13C3-PFHxS	17009...	9.32e3	146.8	NO
3	3	13C8-PFOA	17009...	4.72e4	87.9	NO
4	4	13C9-PFNA	17009...	5.31e4	72.5	NO
5	5	13C4-PFOS	17009...	8.77e3	78.9	NO
6	6	13C6-PFDA	17009...	5.03e4	68.2	NO
7	7	13C7-PFUnA	17009...	6.22e4	89.6	NO

Name: 170816M1_63, Date: 16-Aug-2017, Time: 23:21:15, ID: 1700977-04 Well 5a 0.11959, Description: Well 5a

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	5.90e4	156.5	YES
2	2	13C3-PFHxS	17009...	9.13e3	143.7	NO
3	3	13C8-PFOA	17009...	4.57e4	85.0	NO
4	4	13C9-PFNA	17009...	5.69e4	77.6	NO
5	5	13C4-PFOS	17009...	9.33e3	84.1	NO
6	6	13C6-PFDA	17009...	5.38e4	73.0	NO
7	7	13C7-PFUnA	17009...	5.22e4	75.2	NO

Name: 170816M1_64, Date: 16-Aug-2017, Time: 23:31:54, ID: 1700977-05 Well 6 0.11926, Description: Well 6

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	5.36e4	142.3	NO
2	2	13C3-PFHxS	17009...	8.47e3	133.4	NO
3	3	13C8-PFOA	17009...	4.54e4	84.5	NO
4	4	13C9-PFNA	17009...	4.87e4	66.6	NO
5	5	13C4-PFOS	17009...	7.76e3	69.9	NO
6	6	13C6-PFDA	17009...	4.64e4	63.0	NO
7	7	13C7-PFUnA	17009...	4.95e4	71.4	NO

Name: 170816M1_65, Date: 16-Aug-2017, Time: 23:42:40, ID: 1700977-06 Well 7 0.11627, Description: Well 7

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	6.55e4	173.8	YES
2	2	13C3-PFHxS	17009...	1.08e4	170.6	YES
3	3	13C8-PFOA	17009...	5.51e4	102.5	NO
4	4	13C9-PFNA	17009...	5.76e4	78.7	NO
5	5	13C4-PFOS	17009...	9.72e3	87.5	NO
6	6	13C6-PFDA	17009...	5.69e4	77.1	NO
7	7	13C7-PFUnA	17009...	6.67e4	96.2	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_66, Date: 16-Aug-2017, Time: 23:53:18, ID: 1700992-01 MATP09108 0.11116, Description: MATP09108

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	5.39e4	142.9	NO
2	2	13C3-PFHxS	17009...	8.95e3	140.9	NO
3	3	13C8-PFOA	17009...	4.10e4	76.2	NO
4	4	13C9-PFNA	17009...	5.64e4	77.0	NO
5	5	13C4-PFOS	17009...	8.48e3	76.4	NO
6	6	13C6-PFDA	17009...	5.84e4	79.2	NO
7	7	13C7-PFUnA	17009...	5.11e4	73.7	NO

Name: 170816M1_67, Date: 17-Aug-2017, Time: 00:03:57, ID: 1700995-08 BANGR-12-SW02-080317 0.08828, Description: BANGR-12-SW02-080317

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	4.89e4	129.8	NO
2	2	13C3-PFHxS	17009...	7.36e3	115.9	NO
3	3	13C8-PFOA	17009...	4.23e4	78.7	NO
4	4	13C9-PFNA	17009...	4.34e4	59.2	NO
5	5	13C4-PFOS	17009...	7.27e3	65.5	NO
6	6	13C6-PFDA	17009...	4.07e4	55.2	NO
7	7	13C7-PFUnA	17009...	4.37e4	63.0	NO

Name: 170816M1_68, Date: 17-Aug-2017, Time: 00:14:43, ID: 1700995-10 BANGR-EB-005-080317 0.11995, Description: BANGR-EB-005-080317

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	4.70e4	124.6	NO
2	2	13C3-PFHxS	17009...	7.46e3	117.4	NO
3	3	13C8-PFOA	17009...	3.72e4	69.3	NO
4	4	13C9-PFNA	17009...	4.70e4	64.2	NO
5	5	13C4-PFOS	17009...	7.67e3	69.1	NO
6	6	13C6-PFDA	17009...	4.62e4	62.6	NO
7	7	13C7-PFUnA	17009...	4.12e4	59.4	NO

Name: 170816M1_69, Date: 17-Aug-2017, Time: 00:25:33, ID: 1700995-11 BANGR-EB-006-080317 0.11834, Description: BANGR-EB-006-080317

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17009...	5.17e4	137.3	NO
2	2	13C3-PFHxS	17009...	9.02e3	142.0	NO
3	3	13C8-PFOA	17009...	4.53e4	84.2	NO
4	4	13C9-PFNA	17009...	5.14e4	70.2	NO
5	5	13C4-PFOS	17009...	9.11e3	82.1	NO
6	6	13C6-PFDA	17009...	4.42e4	60.0	NO
7	7	13C7-PFUnA	17009...	5.31e4	76.5	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_70, Date: 17-Aug-2017, Time: 00:36:33, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	2.45e1	0.0	NO

Name: 170816M1_71, Date: 17-Aug-2017, Time: 00:47:34, ID: ST170816M1-5 PFC CS0 17H1601, Description: PFC CS0 17H1601

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	ST170...	3.89e4	103.1	NO
2	2	13C3-PFHxS	ST170...	6.58e3	103.6	NO
3	3	13C8-PFOA	ST170...	4.94e4	91.8	NO
4	4	13C9-PFNA	ST170...	7.19e4	98.1	NO
5	5	13C4-PFOS	ST170...	1.01e4	90.6	NO
6	6	13C6-PFDA	ST170...	5.52e4	74.9	NO
7	7	13C7-PFUnA	ST170...	6.03e4	86.9	NO

Name: 170816M1_72, Date: 17-Aug-2017, Time: 00:58:27, ID: IPA, Description: IPA

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

Name: 170816M1_73, Date: 17-Aug-2017, Time: 01:09:11, ID: B7H0066-BS1 OPR 0.125, Description: OPR

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	5.63e4	149.4	NO
2	2	13C3-PFHxS	B7H00...	1.00e4	157.9	YES
3	3	13C8-PFOA	B7H00...	4.95e4	92.1	NO
4	4	13C9-PFNA	B7H00...	5.26e4	71.9	NO
5	5	13C4-PFOS	B7H00...	9.72e3	87.6	NO
6	6	13C6-PFDA	B7H00...	4.73e4	64.2	NO
7	7	13C7-PFUnA	B7H00...	5.46e4	78.7	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_74, Date: 17-Aug-2017, Time: 01:19:57, ID: B7H0069-BS1 OPR 0.25, Description: OPR

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.10e4	161.9	YES
2	2	13C3-PFHxS	B7H00...	1.02e4	160.9	YES
3	3	13C8-PFOA	B7H00...	5.39e4	100.2	NO
4	4	13C9-PFNA	B7H00...	6.01e4	82.0	NO
5	5	13C4-PFOS	B7H00...	9.94e3	89.5	NO
6	6	13C6-PFDA	B7H00...	6.21e4	84.3	NO
7	7	13C7-PFUnA	B7H00...	5.94e4	85.6	NO

Name: 170816M1_75, Date: 17-Aug-2017, Time: 01:30:43, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA	1.39e1	0.0	NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA	9.77e0	0.0	NO
7	7	13C7-PFUnA	IPA	2.08e1	0.0	NO

Name: 170816M1_76, Date: 17-Aug-2017, Time: 01:41:30, ID: B7H0066-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	7.20e4	191.0	YES
2	2	13C3-PFHxS	B7H00...	1.17e4	184.0	YES
3	3	13C8-PFOA	B7H00...	6.08e4	113.1	NO
4	4	13C9-PFNA	B7H00...	7.10e4	97.0	NO
5	5	13C4-PFOS	B7H00...	1.10e4	99.4	NO
6	6	13C6-PFDA	B7H00...	6.46e4	87.7	NO
7	7	13C7-PFUnA	B7H00...	5.91e4	85.2	NO

Name: 170816M1_77, Date: 17-Aug-2017, Time: 01:52:16, ID: B7H0069-BLK1 Method Blank 0.25, Description: Method Blank

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.28e4	166.6	YES
2	2	13C3-PFHxS	B7H00...	9.77e3	153.8	YES
3	3	13C8-PFOA	B7H00...	5.30e4	98.6	NO
4	4	13C9-PFNA	B7H00...	5.68e4	77.6	NO
5	5	13C4-PFOS	B7H00...	9.57e3	86.2	NO
6	6	13C6-PFDA	B7H00...	5.66e4	76.8	NO
7	7	13C7-PFUnA	B7H00...	6.09e4	87.8	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_78, Date: 17-Aug-2017, Time: 02:02:54, ID: B7H0066-MS1 Matrix Spike 0.11555, Description: Matrix Spike

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.12e4	162.4	YES
2	2	13C3-PFHxS	B7H00...	9.86e3	155.1	YES
3	3	13C8-PFOA	B7H00...	5.33e4	99.2	NO
4	4	13C9-PFNA	B7H00...	6.17e4	84.3	NO
5	5	13C4-PFOS	B7H00...	9.59e3	86.4	NO
6	6	13C6-PFDA	B7H00...	4.97e4	67.4	NO
7	7	13C7-PFUnA	B7H00...	5.20e4	75.0	NO

Name: 170816M1_79, Date: 17-Aug-2017, Time: 02:13:41, ID: B7H0066-MSD1 Matrix Spike Dup 0.11567, Description: Matrix Spike Dup

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	8.79e4	233.2	YES
2	2	13C3-PFHxS	B7H00...	1.39e4	218.4	YES
3	3	13C8-PFOA	B7H00...	7.55e4	140.5	NO
4	4	13C9-PFNA	B7H00...	8.75e4	119.5	NO
5	5	13C4-PFOS	B7H00...	1.33e4	119.6	NO
6	6	13C6-PFDA	B7H00...	6.57e4	89.2	NO
7	7	13C7-PFUnA	B7H00...	7.80e4	112.5	NO

Name: 170816M1_80, Date: 17-Aug-2017, Time: 02:24:20, ID: B7H0066-MS2 Matrix Spike 0.11836, Description: Matrix Spike

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.89e4	182.8	YES
2	2	13C3-PFHxS	B7H00...	1.00e4	158.1	YES
3	3	13C8-PFOA	B7H00...	5.96e4	110.8	NO
4	4	13C9-PFNA	B7H00...	6.40e4	87.4	NO
5	5	13C4-PFOS	B7H00...	1.11e4	100.3	NO
6	6	13C6-PFDA	B7H00...	5.55e4	75.3	NO
7	7	13C7-PFUnA	B7H00...	5.95e4	85.8	NO

Name: 170816M1_81, Date: 17-Aug-2017, Time: 02:35:06, ID: B7H0066-MSD2 Matrix Spike Dup 0.11729, Description: Matrix Spike Dup

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.32e4	167.6	YES
2	2	13C3-PFHxS	B7H00...	9.98e3	157.1	YES
3	3	13C8-PFOA	B7H00...	5.36e4	99.7	NO
4	4	13C9-PFNA	B7H00...	5.38e4	73.5	NO
5	5	13C4-PFOS	B7H00...	1.05e4	94.9	NO
6	6	13C6-PFDA	B7H00...	5.20e4	70.6	NO
7	7	13C7-PFUnA	B7H00...	5.80e4	83.6	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_82, Date: 17-Aug-2017, Time: 02:45:52, ID: B7H0069-MS1 Matrix Spike 0.1193, Description: Matrix Spike

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.93e4	183.8	YES
2	2	13C3-PFHxS	B7H00...	1.13e4	178.6	YES
3	3	13C8-PFOA	B7H00...	5.40e4	100.5	NO
4	4	13C9-PFNA	B7H00...	6.69e4	91.3	NO
5	5	13C4-PFOS	B7H00...	1.21e4	108.8	NO
6	6	13C6-PFDA	B7H00...	5.59e4	75.8	NO
7	7	13C7-PFUnA	B7H00...	6.16e4	88.9	NO

Name: 170816M1_83, Date: 17-Aug-2017, Time: 02:56:39, ID: B7H0069-MSD1 Matrix Spike Dup 0.11433, Description: Matrix Spike Dup

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	6.22e4	165.2	YES
2	2	13C3-PFHxS	B7H00...	1.10e4	173.8	YES
3	3	13C8-PFOA	B7H00...	4.71e4	87.7	NO
4	4	13C9-PFNA	B7H00...	6.18e4	84.4	NO
5	5	13C4-PFOS	B7H00...	9.98e3	89.9	NO
6	6	13C6-PFDA	B7H00...	5.36e4	72.8	NO
7	7	13C7-PFUnA	B7H00...	6.00e4	86.4	NO

Name: 170816M1_84, Date: 17-Aug-2017, Time: 03:07:25, ID: 1701011-01 06302140000900_2017 0.11617, Description: 06302140000900_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	5.75e4	152.5	YES
2	2	13C3-PFHxS	17010...	9.53e3	150.1	YES
3	3	13C8-PFOA	17010...	4.73e4	88.0	NO
4	4	13C9-PFNA	17010...	5.26e4	71.9	NO
5	5	13C4-PFOS	17010...	1.01e4	90.6	NO
6	6	13C6-PFDA	17010...	4.44e4	60.2	NO
7	7	13C7-PFUnA	17010...	4.35e4	62.7	NO

Name: 170816M1_85, Date: 17-Aug-2017, Time: 03:18:12, ID: 1701011-02 06302140002050_2017 0.11859, Description: 06302140002050_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.48e4	172.1	YES
2	2	13C3-PFHxS	17010...	1.05e4	165.7	YES
3	3	13C8-PFOA	17010...	5.34e4	99.4	NO
4	4	13C9-PFNA	17010...	5.55e4	75.8	NO
5	5	13C4-PFOS	17010...	1.05e4	94.5	NO
6	6	13C6-PFDA	17010...	5.48e4	74.3	NO
7	7	13C7-PFUnA	17010...	5.41e4	78.0	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_86, Date: 17-Aug-2017, Time: 03:28:50, ID: 1701011-03 06302140002100_2017 0.11904, Description: 06302140002100_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	5.76e4	152.8	YES
2	2	13C3-PFHxS	17010...	9.41e3	148.1	NO
3	3	13C8-PFOA	17010...	5.12e4	95.3	NO
4	4	13C9-PFNA	17010...	5.36e4	73.2	NO
5	5	13C4-PFOS	17010...	9.26e3	83.4	NO
6	6	13C6-PFDA	17010...	4.67e4	63.3	NO
7	7	13C7-PFUnA	17010...	4.45e4	64.2	NO

Name: 170816M1_87, Date: 17-Aug-2017, Time: 03:39:36, ID: 1701011-04 06302810002200_2017 0.11477, Description: 06302810002200_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	5.91e4	156.7	YES
2	2	13C3-PFHxS	17010...	9.48e3	149.2	NO
3	3	13C8-PFOA	17010...	4.97e4	92.4	NO
4	4	13C9-PFNA	17010...	5.90e4	80.5	NO
5	5	13C4-PFOS	17010...	9.75e3	87.8	NO
6	6	13C6-PFDA	17010...	5.09e4	69.1	NO
7	7	13C7-PFUnA	17010...	5.64e4	81.3	NO

Name: 170816M1_88, Date: 17-Aug-2017, Time: 03:50:15, ID: 1701011-05 064W5000002700_2017 0.11543, Description: 064W5000002700_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	7.26e4	192.8	YES
2	2	13C3-PFHxS	17010...	1.17e4	184.4	YES
3	3	13C8-PFOA	17010...	6.18e4	115.0	NO
4	4	13C9-PFNA	17010...	6.94e4	94.8	NO
5	5	13C4-PFOS	17010...	1.19e4	107.2	NO
6	6	13C6-PFDA	17010...	5.99e4	81.3	NO
7	7	13C7-PFUnA	17010...	6.29e4	90.6	NO

Name: 170816M1_89, Date: 17-Aug-2017, Time: 04:01:02, ID: 1701011-06 FD-01 0.12004, Description: FD-01

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.32e4	167.7	YES
2	2	13C3-PFHxS	17010...	1.05e4	165.0	YES
3	3	13C8-PFOA	17010...	5.58e4	103.8	NO
4	4	13C9-PFNA	17010...	5.42e4	73.9	NO
5	5	13C4-PFOS	17010...	1.04e4	94.0	NO
6	6	13C6-PFDA	17010...	5.74e4	77.9	NO
7	7	13C7-PFUnA	17010...	5.87e4	84.7	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_90, Date: 17-Aug-2017, Time: 04:11:48, ID: 1701011-07 FD-02 0.11727, Description: FD-02

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.30e4	167.3	YES
2	2	13C3-PFHxS	17010...	1.06e4	167.1	YES
3	3	13C8-PFOA	17010...	5.25e4	97.6	NO
4	4	13C9-PFNA	17010...	6.11e4	83.5	NO
5	5	13C4-PFOS	17010...	1.06e4	95.3	NO
6	6	13C6-PFDA	17010...	5.18e4	70.2	NO
7	7	13C7-PFUnA	17010...	5.35e4	77.1	NO

Name: 170816M1_91, Date: 17-Aug-2017, Time: 04:22:26, ID: 1701011-08 06302130001200_2017 0.12215, Description: 06302130001200_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.59e4	175.0	YES
2	2	13C3-PFHxS	17010...	1.04e4	163.7	YES
3	3	13C8-PFOA	17010...	5.76e4	107.1	NO
4	4	13C9-PFNA	17010...	6.00e4	82.0	NO
5	5	13C4-PFOS	17010...	1.02e4	91.8	NO
6	6	13C6-PFDA	17010...	5.31e4	72.1	NO
7	7	13C7-PFUnA	17010...	6.12e4	88.2	NO

Name: 170816M1_92, Date: 17-Aug-2017, Time: 04:33:05, ID: 1701011-09 06302130001400A_2017 0.12023, Description: 06302130001400A_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	5.97e4	158.5	YES
2	2	13C3-PFHxS	17010...	9.72e3	152.9	YES
3	3	13C8-PFOA	17010...	5.14e4	95.6	NO
4	4	13C9-PFNA	17010...	5.37e4	73.3	NO
5	5	13C4-PFOS	17010...	9.09e3	81.9	NO
6	6	13C6-PFDA	17010...	5.15e4	69.8	NO
7	7	13C7-PFUnA	17010...	5.08e4	73.2	NO

Name: 170816M1_93, Date: 17-Aug-2017, Time: 04:43:43, ID: 1701011-10 06302810001500_B_2017 0.11695, Description: 06302810001500_B_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.62e4	175.8	YES
2	2	13C3-PFHxS	17010...	1.05e4	165.6	YES
3	3	13C8-PFOA	17010...	5.67e4	105.4	NO
4	4	13C9-PFNA	17010...	5.50e4	75.1	NO
5	5	13C4-PFOS	17010...	9.93e3	89.4	NO
6	6	13C6-PFDA	17010...	5.84e4	79.3	NO
7	7	13C7-PFUnA	17010...	5.14e4	74.2	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_94, Date: 17-Aug-2017, Time: 04:54:21, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA	7.95e0	0.0	NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	2.10e1	0.0	NO

Name: 170816M1_95, Date: 17-Aug-2017, Time: 05:05:00, ID: ST170816M1-6 PFC CS3 17H1505, Description: PFC CS3 17H1505

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	ST170...	4.74e4	125.9	NO
2	2	13C3-PFHxS	ST170...	1.01e4	159.8	YES
3	3	13C8-PFOA	ST170...	7.08e4	131.7	NO
4	4	13C9-PFNA	ST170...	7.43e4	101.5	NO
5	5	13C4-PFOS	ST170...	1.23e4	110.6	NO
6	6	13C6-PFDA	ST170...	8.22e4	111.5	NO
7	7	13C7-PFUnA	ST170...	7.15e4	103.0	NO

Name: 170816M1_96, Date: 17-Aug-2017, Time: 05:15:43, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	9.29e0	0.0	NO

Name: 170816M1_97, Date: 17-Aug-2017, Time: 05:26:27, ID: 1701011-11 6302840007000_2017 0.11166,
Description: 6302840007000_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.53e4	173.4	YES
2	2	13C3-PFHxS	17010...	1.06e4	166.7	YES
3	3	13C8-PFOA	17010...	5.65e4	105.0	NO
4	4	13C9-PFNA	17010...	5.99e4	81.8	NO
5	5	13C4-PFOS	17010...	1.03e4	92.8	NO
6	6	13C6-PFDA	17010...	5.62e4	76.3	NO
7	7	13C7-PFUnA	17010...	6.42e4	92.6	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_98, Date: 17-Aug-2017, Time: 05:37:14, ID: 1701011-12 FD-03 0.11337, Description: FD-03

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	5.45e4	144.6	NO
2	2	13C3-PFHxS	17010...	9.40e3	147.9	NO
3	3	13C8-PFOA	17010...	4.27e4	79.5	NO
4	4	13C9-PFNA	17010...	4.95e4	67.5	NO
5	5	13C4-PFOS	17010...	9.67e3	87.1	NO
6	6	13C6-PFDA	17010...	4.42e4	59.9	NO
7	7	13C7-PFUnA	17010...	4.79e4	69.0	NO

Name: 170816M1_99, Date: 17-Aug-2017, Time: 05:47:52, ID: 1701011-13 FD-04 0.12051, Description: FD-04

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.59e4	174.8	YES
2	2	13C3-PFHxS	17010...	1.04e4	163.5	YES
3	3	13C8-PFOA	17010...	5.64e4	104.9	NO
4	4	13C9-PFNA	17010...	6.07e4	82.9	NO
5	5	13C4-PFOS	17010...	9.63e3	86.7	NO
6	6	13C6-PFDA	17010...	5.27e4	71.4	NO
7	7	13C7-PFUnA	17010...	6.29e4	90.7	NO

Name: 170816M1_100, Date: 17-Aug-2017, Time: 05:58:38, ID: 1701011-14 FD-05 0.11946, Description: FD-05

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.51e4	172.8	YES
2	2	13C3-PFHxS	17010...	1.13e4	177.7	YES
3	3	13C8-PFOA	17010...	5.21e4	97.0	NO
4	4	13C9-PFNA	17010...	6.59e4	90.0	NO
5	5	13C4-PFOS	17010...	1.03e4	92.9	NO
6	6	13C6-PFDA	17010...	5.94e4	80.7	NO
7	7	13C7-PFUnA	17010...	6.26e4	90.2	NO

Name: 170816M1_101, Date: 17-Aug-2017, Time: 06:09:17, ID: 1701011-15 06302720002300_2017 0.11523, Description: 06302720002300_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	5.94e4	157.7	YES
2	2	13C3-PFHxS	17010...	9.40e3	148.0	NO
3	3	13C8-PFOA	17010...	5.21e4	96.8	NO
4	4	13C9-PFNA	17010...	5.87e4	80.2	NO
5	5	13C4-PFOS	17010...	9.18e3	82.7	NO
6	6	13C6-PFDA	17010...	5.38e4	73.0	NO
7	7	13C7-PFUnA	17010...	5.60e4	80.7	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_102, Date: 17-Aug-2017, Time: 06:19:56, ID: 1701011-16 06302720002500_2017-C 0.10939, Description: 06302720002500_2017-C

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.39e4	169.6	YES
2	2	13C3-PFHxS	17010...	9.99e3	157.3	YES
3	3	13C8-PFOA	17010...	5.36e4	99.8	NO
4	4	13C9-PFNA	17010...	6.02e4	82.2	NO
5	5	13C4-PFOS	17010...	9.76e3	87.9	NO
6	6	13C6-PFDA	17010...	5.22e4	70.8	NO
7	7	13C7-PFUnA	17010...	5.99e4	86.3	NO

Name: 170816M1_103, Date: 17-Aug-2017, Time: 06:30:42, ID: 1701011-17 06302720002800_2017 0.11111, Description: 06302720002800_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.19e4	164.3	YES
2	2	13C3-PFHxS	17010...	9.52e3	149.9	NO
3	3	13C8-PFOA	17010...	5.18e4	96.3	NO
4	4	13C9-PFNA	17010...	5.94e4	81.2	NO
5	5	13C4-PFOS	17010...	9.37e3	84.4	NO
6	6	13C6-PFDA	17010...	4.85e4	65.8	NO
7	7	13C7-PFUnA	17010...	5.28e4	76.1	NO

Name: 170816M1_104, Date: 17-Aug-2017, Time: 06:41:20, ID: 1701011-18 06302810001500_A_2017 0.11512, Description: 06302810001500_A_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	4.98e4	132.3	NO
2	2	13C3-PFHxS	17010...	8.12e3	127.8	NO
3	3	13C8-PFOA	17010...	4.15e4	77.2	NO
4	4	13C9-PFNA	17010...	4.30e4	58.7	NO
5	5	13C4-PFOS	17010...	8.07e3	72.7	NO
6	6	13C6-PFDA	17010...	3.98e4	54.0	NO
7	7	13C7-PFUnA	17010...	4.25e4	61.2	NO

Name: 170816M1_105, Date: 17-Aug-2017, Time: 06:52:07, ID: 1701011-19 Tr-Prk-Pub-Well-1_2017 0.11801, Description: Tr-Prk-Pub-Well-1_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.07e4	161.2	YES
2	2	13C3-PFHxS	17010...	1.10e4	172.8	YES
3	3	13C8-PFOA	17010...	5.36e4	99.6	NO
4	4	13C9-PFNA	17010...	6.10e4	83.2	NO
5	5	13C4-PFOS	17010...	1.02e4	92.3	NO
6	6	13C6-PFDA	17010...	5.41e4	73.4	NO
7	7	13C7-PFUnA	17010...	5.64e4	81.3	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_106, Date: 17-Aug-2017, Time: 07:02:45, ID: 1701011-20 Tr-Prk-Pub-Well-2_2017 0.11847, Description: Tr-Prk-Pub-Well-2_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	5.61e4	148.9	NO
2	2	13C3-PFHxS	17010...	9.29e3	146.2	NO
3	3	13C8-PFOA	17010...	4.91e4	91.3	NO
4	4	13C9-PFNA	17010...	5.18e4	70.8	NO
5	5	13C4-PFOS	17010...	9.12e3	82.1	NO
6	6	13C6-PFDA	17010...	4.41e4	59.8	NO
7	7	13C7-PFUnA	17010...	5.18e4	74.7	NO

Name: 170816M1_107, Date: 17-Aug-2017, Time: 07:13:31, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	1.59e1	0.0	NO

Name: 170816M1_108, Date: 17-Aug-2017, Time: 07:24:10, ID: ST170816M1-7 PFC CS3 17H1505, Description: PFC CS3 17H1505

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	ST170...	5.49e4	145.6	NO
2	2	13C3-PFHxS	ST170...	1.34e4	211.0	YES
3	3	13C8-PFOA	ST170...	7.45e4	138.5	NO
4	4	13C9-PFNA	ST170...	7.89e4	107.7	NO
5	5	13C4-PFOS	ST170...	1.29e4	116.6	NO
6	6	13C6-PFDA	ST170...	7.88e4	106.9	NO
7	7	13C7-PFUnA	ST170...	7.78e4	112.2	NO

Name: 170816M1_109, Date: 17-Aug-2017, Time: 07:34:56, ID: IPA, Description: IPA

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

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_110, Date: 17-Aug-2017, Time: 07:45:35, ID: 1701013-01 06302720002600_2017 0.11643,
Description: 06302720002600_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	7.24e4	192.3	YES
2	2	13C3-PFHxS	17010...	1.14e4	178.8	YES
3	3	13C8-PFOA	17010...	6.07e4	112.8	NO
4	4	13C9-PFNA	17010...	6.08e4	83.1	NO
5	5	13C4-PFOS	17010...	1.11e4	100.1	NO
6	6	13C6-PFDA	17010...	6.63e4	89.9	NO
7	7	13C7-PFUnA	17010...	6.47e4	93.3	NO

Name: 170816M1_111, Date: 17-Aug-2017, Time: 07:56:21, ID: 1701013-02 06302720002900_2017 0.11676,
Description: 06302720002900_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.83e4	181.3	YES
2	2	13C3-PFHxS	17010...	1.06e4	166.7	YES
3	3	13C8-PFOA	17010...	5.87e4	109.2	NO
4	4	13C9-PFNA	17010...	5.77e4	78.8	NO
5	5	13C4-PFOS	17010...	1.02e4	92.2	NO
6	6	13C6-PFDA	17010...	5.56e4	75.5	NO
7	7	13C7-PFUnA	17010...	5.86e4	84.5	NO

Name: 170816M1_112, Date: 17-Aug-2017, Time: 08:07:19, ID: 1701013-03 06302810000600_2017 0.12244,
Description: 06302810000600_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.30e4	167.3	YES
2	2	13C3-PFHxS	17010...	1.04e4	164.1	YES
3	3	13C8-PFOA	17010...	5.19e4	96.6	NO
4	4	13C9-PFNA	17010...	6.03e4	82.3	NO
5	5	13C4-PFOS	17010...	1.02e4	91.6	NO
6	6	13C6-PFDA	17010...	5.67e4	77.0	NO
7	7	13C7-PFUnA	17010...	5.56e4	80.1	NO

Name: 170816M1_113, Date: 17-Aug-2017, Time: 08:18:03, ID: 1701013-04 064A3000000100_2017 0.1166,
Description: 064A3000000100_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	4.88e4	129.5	NO
2	2	13C3-PFHxS	17010...	1.00e4	157.6	YES
3	3	13C8-PFOA	17010...	5.55e4	103.3	NO
4	4	13C9-PFNA	17010...	5.47e4	74.7	NO
5	5	13C4-PFOS	17010...	1.05e4	94.2	NO
6	6	13C6-PFDA	17010...	5.17e4	70.1	NO
7	7	13C7-PFUnA	17010...	5.87e4	84.6	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_114, Date: 17-Aug-2017, Time: 08:28:49, ID: 1701013-05 064A3500005900_2017 0.12037, Description: 064A3500005900_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.56e4	174.0	YES
2	2	13C3-PFHxS	17010...	1.12e4	175.6	YES
3	3	13C8-PFOA	17010...	5.71e4	106.2	NO
4	4	13C9-PFNA	17010...	6.32e4	86.2	NO
5	5	13C4-PFOS	17010...	1.09e4	98.0	NO
6	6	13C6-PFDA	17010...	5.62e4	76.2	NO
7	7	13C7-PFUnA	17010...	5.93e4	85.4	NO

Name: 170816M1_115, Date: 17-Aug-2017, Time: 08:39:27, ID: 1701013-06 5673_F41_2017 0.12174, Description: 5673_F41_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	7.26e4	192.7	YES
2	2	13C3-PFHxS	17010...	1.12e4	175.9	YES
3	3	13C8-PFOA	17010...	6.23e4	115.8	NO
4	4	13C9-PFNA	17010...	7.04e4	96.1	NO
5	5	13C4-PFOS	17010...	1.16e4	104.6	NO
6	6	13C6-PFDA	17010...	5.65e4	76.7	NO
7	7	13C7-PFUnA	17010...	6.52e4	94.0	NO

Name: 170816M1_116, Date: 17-Aug-2017, Time: 08:50:14, ID: 1701013-07 06302140002250_2017 0.12148, Description: 06302140002250_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	6.51e4	172.9	YES
2	2	13C3-PFHxS	17010...	1.00e4	158.2	YES
3	3	13C8-PFOA	17010...	5.63e4	104.7	NO
4	4	13C9-PFNA	17010...	5.48e4	74.9	NO
5	5	13C4-PFOS	17010...	1.04e4	93.9	NO
6	6	13C6-PFDA	17010...	5.28e4	71.7	NO
7	7	13C7-PFUnA	17010...	5.61e4	80.9	NO

Name: 170816M1_117, Date: 17-Aug-2017, Time: 09:00:52, ID: 1701013-08 06302810001010_2017 0.1142, Description: 06302810001010_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	7.20e4	191.1	YES
2	2	13C3-PFHxS	17010...	1.07e4	167.7	YES
3	3	13C8-PFOA	17010...	5.80e4	107.8	NO
4	4	13C9-PFNA	17010...	6.21e4	84.7	NO
5	5	13C4-PFOS	17010...	1.07e4	96.0	NO
6	6	13C6-PFDA	17010...	5.97e4	81.0	NO
7	7	13C7-PFUnA	17010...	5.97e4	86.1	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_118, Date: 17-Aug-2017, Time: 09:11:38, ID: 1701013-09 064P5000001700_2017 0.12061, Description: 064P5000001700_2017

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	17010...	5.71e4	151.4	YES
2	2 13C3-PFHxS	17010...	9.31e3	146.5	NO
3	3 13C8-PFOA	17010...	4.60e4	85.6	NO
4	4 13C9-PFNA	17010...	5.58e4	76.2	NO
5	5 13C4-PFOS	17010...	9.41e3	84.7	NO
6	6 13C6-PFDA	17010...	5.13e4	69.5	NO
7	7 13C7-PFUnA	17010...	4.95e4	71.4	NO

Name: 170816M1_119, Date: 17-Aug-2017, Time: 09:22:17, ID: 1701013-10 064V5000000200_2017 0.11516, Description: 064V5000000200_2017

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	17010...	5.70e4	151.4	YES
2	2 13C3-PFHxS	17010...	8.83e3	139.0	NO
3	3 13C8-PFOA	17010...	4.88e4	90.8	NO
4	4 13C9-PFNA	17010...	5.25e4	71.7	NO
5	5 13C4-PFOS	17010...	9.30e3	83.8	NO
6	6 13C6-PFDA	17010...	4.56e4	61.8	NO
7	7 13C7-PFUnA	17010...	5.14e4	74.1	NO

Name: 170816M1_120, Date: 17-Aug-2017, Time: 09:33:03, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	IPA			NO
2	2 13C3-PFHxS	IPA			NO
3	3 13C8-PFOA	IPA			NO
4	4 13C9-PFNA	IPA			NO
5	5 13C4-PFOS	IPA			NO
6	6 13C6-PFDA	IPA			NO
7	7 13C7-PFUnA	IPA	9.29e0	0.0	NO

Name: 170816M1_121, Date: 17-Aug-2017, Time: 09:43:42, ID: ST170815M1-9 PFC CS3 17H1505, Description: PFC CS3 17H1505

	# Name	ID	Area	%Rec	Area Out
1	1 13C5-PFHxA	ST170...	5.38e4	142.8	NO
2	2 13C3-PFHxS	ST170...	1.21e4	190.0	YES
3	3 13C8-PFOA	ST170...	6.53e4	121.4	NO
4	4 13C9-PFNA	ST170...	7.53e4	102.8	NO
5	5 13C4-PFOS	ST170...	1.13e4	102.1	NO
6	6 13C6-PFDA	ST170...	6.65e4	90.3	NO
7	7 13C7-PFUnA	ST170...	6.25e4	90.0	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_122, Date: 17-Aug-2017, Time: 09:54:28, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA	1.04e1	0.0	NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA			NO

Name: 170816M1_123, Date: 17-Aug-2017, Time: 10:05:06, ID: 1701013-11 LabDI_2017 0.11964, Description: LabDI_2017

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	5.47e4	145.3	NO
2	2	13C3-PFHxS	17010...	9.22e3	145.1	NO
3	3	13C8-PFOA	17010...	4.69e4	87.3	NO
4	4	13C9-PFNA	17010...	5.30e4	72.4	NO
5	5	13C4-PFOS	17010...	8.81e3	79.4	NO
6	6	13C6-PFDA	17010...	4.24e4	57.5	NO
7	7	13C7-PFUnA	17010...	5.08e4	73.3	NO

Name: 170816M1_124, Date: 17-Aug-2017, Time: 10:15:45, ID: 1701022-01 Lagoon (420-124769-1) 0.24019, Description: Lagoon (420-124769-1)

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17010...	5.12e4	135.8	NO
2	2	13C3-PFHxS	17010...	7.83e3	123.2	NO
3	3	13C8-PFOA	17010...	4.41e4	82.0	NO
4	4	13C9-PFNA	17010...	4.74e4	64.7	NO
5	5	13C4-PFOS	17010...	8.13e3	73.2	NO
6	6	13C6-PFDA	17010...	4.57e4	62.0	NO
7	7	13C7-PFUnA	17010...	4.77e4	68.7	NO

Name: 170816M1_125, Date: 17-Aug-2017, Time: 10:26:31, ID: B7H0097-BS1 OPR 1, Description: OPR

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	7.10e4	188.4	YES
2	2	13C3-PFHxS	B7H00...	1.20e4	188.3	YES
3	3	13C8-PFOA	B7H00...	6.26e4	116.3	NO
4	4	13C9-PFNA	B7H00...	7.25e4	98.9	NO
5	5	13C4-PFOS	B7H00...	1.24e4	112.0	NO
6	6	13C6-PFDA	B7H00...	6.36e4	86.3	NO
7	7	13C7-PFUnA	B7H00...	8.00e4	115.3	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_126, Date: 17-Aug-2017, Time: 10:37:10, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA	5.47e0	0.0	NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA			NO

Name: 170816M1_127, Date: 17-Aug-2017, Time: 10:47:48, ID: B7H0097-BLK1 Method Blank 1, Description: Method Blank

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	B7H00...	7.62e4	202.3	YES
2	2	13C3-PFHxS	B7H00...	1.27e4	199.3	YES
3	3	13C8-PFOA	B7H00...	7.26e4	135.0	NO
4	4	13C9-PFNA	B7H00...	7.79e4	106.4	NO
5	5	13C4-PFOS	B7H00...	1.26e4	113.0	NO
6	6	13C6-PFDA	B7H00...	6.46e4	87.6	NO
7	7	13C7-PFUnA	B7H00...	6.62e4	95.5	NO

Name: 170816M1_128, Date: 17-Aug-2017, Time: 10:58:27, ID: 1700800-01 0032, Description: 0032

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	17008...	6.79e4	180.1	YES
2	2	13C3-PFHxS	17008...	9.84e3	154.9	YES
3	3	13C8-PFOA	17008...	5.86e4	108.9	NO
4	4	13C9-PFNA	17008...	5.70e4	77.9	NO
5	5	13C4-PFOS	17008...	1.04e4	93.8	NO
6	6	13C6-PFDA	17008...	6.65e4	90.2	NO
7	7	13C7-PFUnA	17008...	6.90e4	99.5	NO

Name: 170816M1_129, Date: 17-Aug-2017, Time: 11:09:05, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA	9.64e0	0.0	NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA	5.21e0	0.0	NO
7	7	13C7-PFUnA	IPA	7.36e0	0.0	NO

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 11:52:02 Pacific Daylight Time

Printed: Thursday, August 17, 2017 12:04:31 Pacific Daylight Time

Name: 170816M1_130, Date: 17-Aug-2017, Time: 11:19:44, ID: ST170815M1-10 PFC CS3 17H1505, Description: PFC CS3 17H1505

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	ST170...	5.65e4	149.8	NO
2	2	13C3-PFHxS	ST170...	1.30e4	204.3	YES
3	3	13C8-PFOA	ST170...	7.13e4	132.6	NO
4	4	13C9-PFNA	ST170...	7.73e4	105.6	NO
5	5	13C4-PFOS	ST170...	1.31e4	118.4	NO
6	6	13C6-PFDA	ST170...	7.83e4	106.2	NO
7	7	13C7-PFUnA	ST170...	8.05e4	116.0	NO

Name: 170816M1_131, Date: 17-Aug-2017, Time: 11:30:30, ID: IPA, Description: IPA

	#	Name	ID	Area	%Rec	Area Out
1	1	13C5-PFHxA	IPA			NO
2	2	13C3-PFHxS	IPA			NO
3	3	13C8-PFOA	IPA			NO
4	4	13C9-PFNA	IPA			NO
5	5	13C4-PFOS	IPA			NO
6	6	13C6-PFDA	IPA			NO
7	7	13C7-PFUnA	IPA	1.62e1	0.0	YES

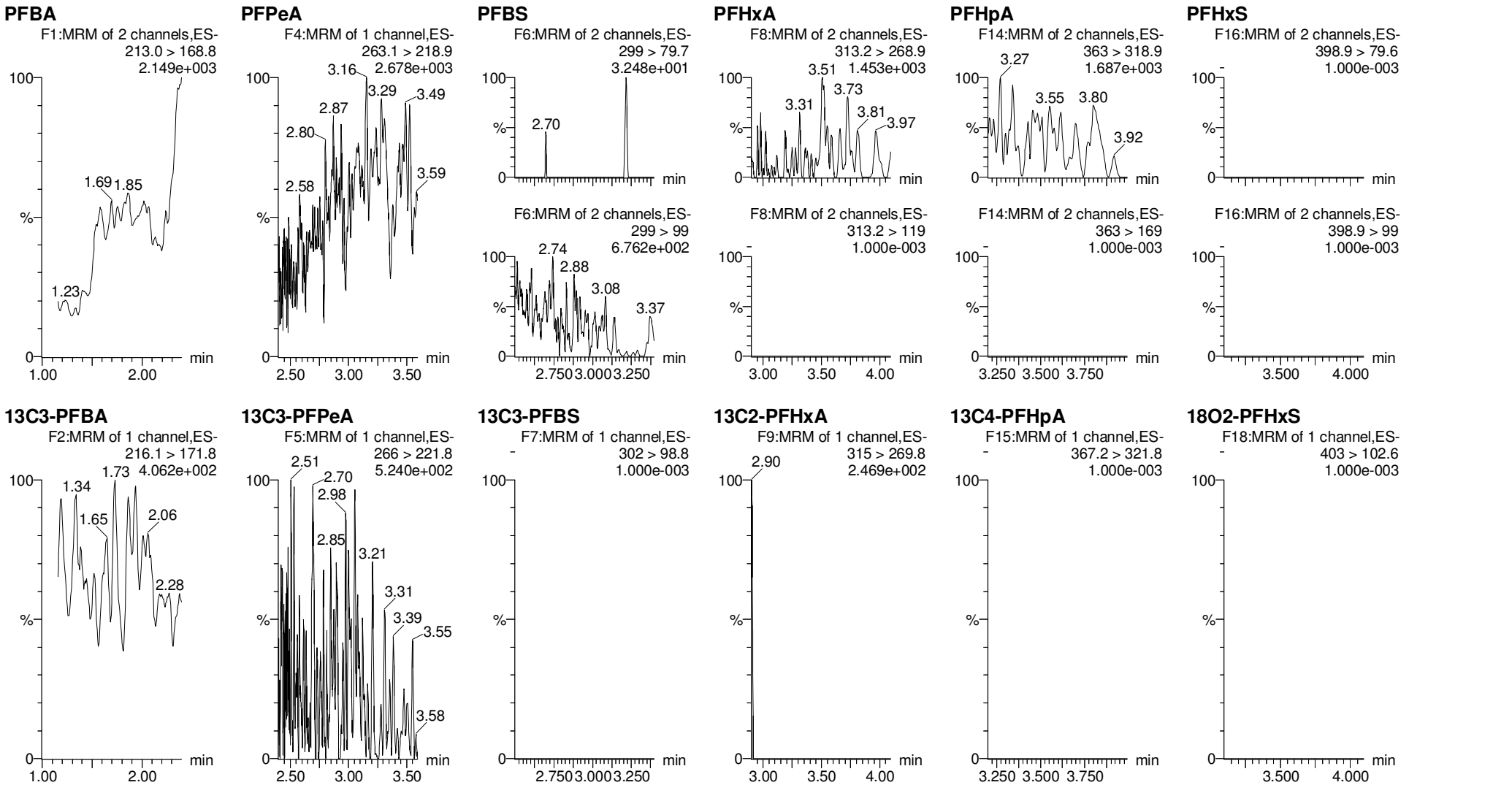
Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\170816M1\170816M1-3.qld

Last Altered: Thursday, August 17, 2017 10:46:22 Pacific Daylight Time
Printed: Thursday, August 17, 2017 10:46:50 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48
Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170816M1_3, Date: 16-Aug-2017, Time: 12:38:15, ID: IPA, Description: IPA

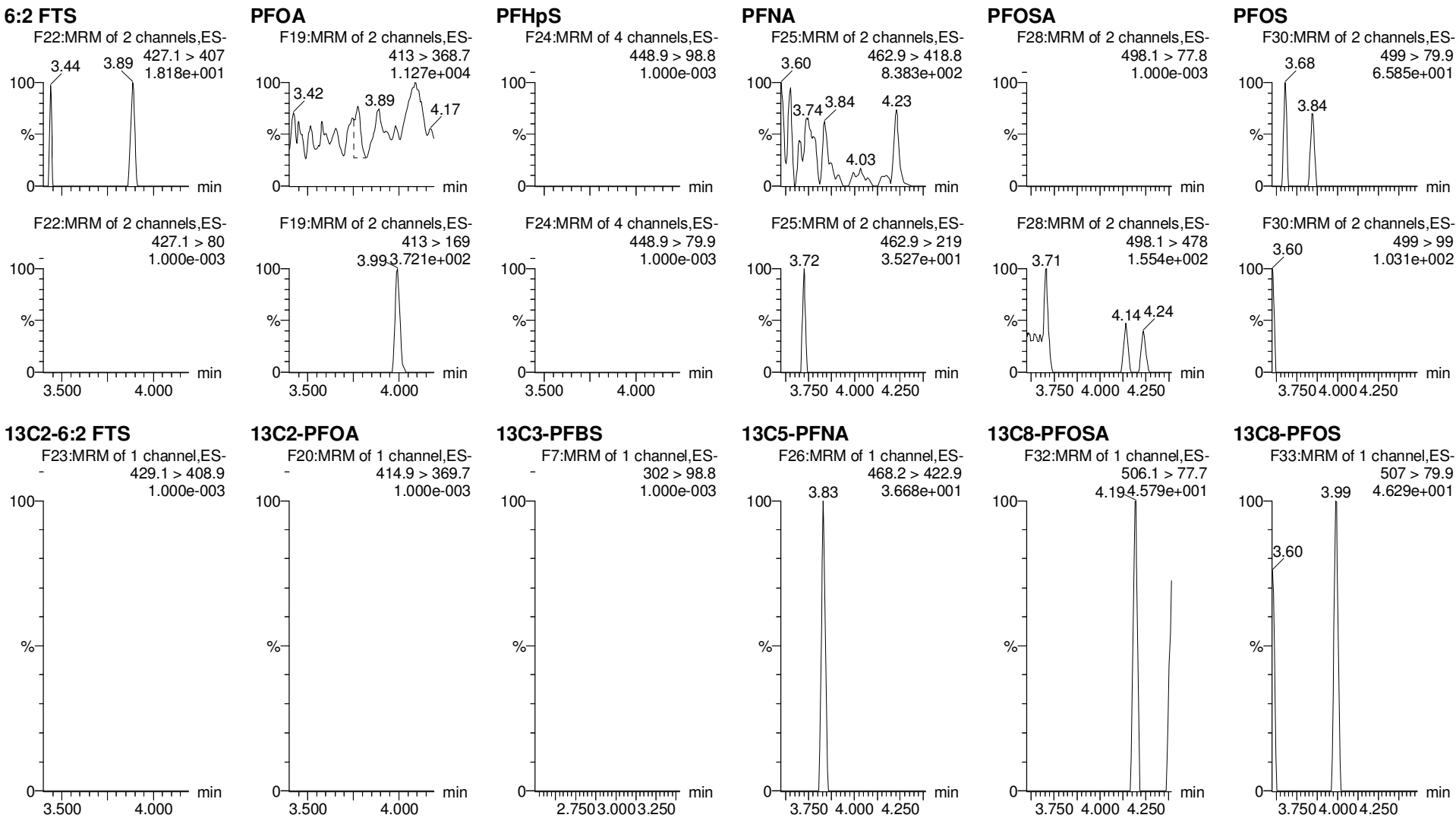


Dataset: U:\Q4.PRO\results\170816M1\170816M1-3.qld

Last Altered: Thursday, August 17, 2017 10:46:22 Pacific Daylight Time

Printed: Thursday, August 17, 2017 10:46:50 Pacific Daylight Time

Name: 170816M1_3, Date: 16-Aug-2017, Time: 12:38:15, ID: IPA, Description: IPA

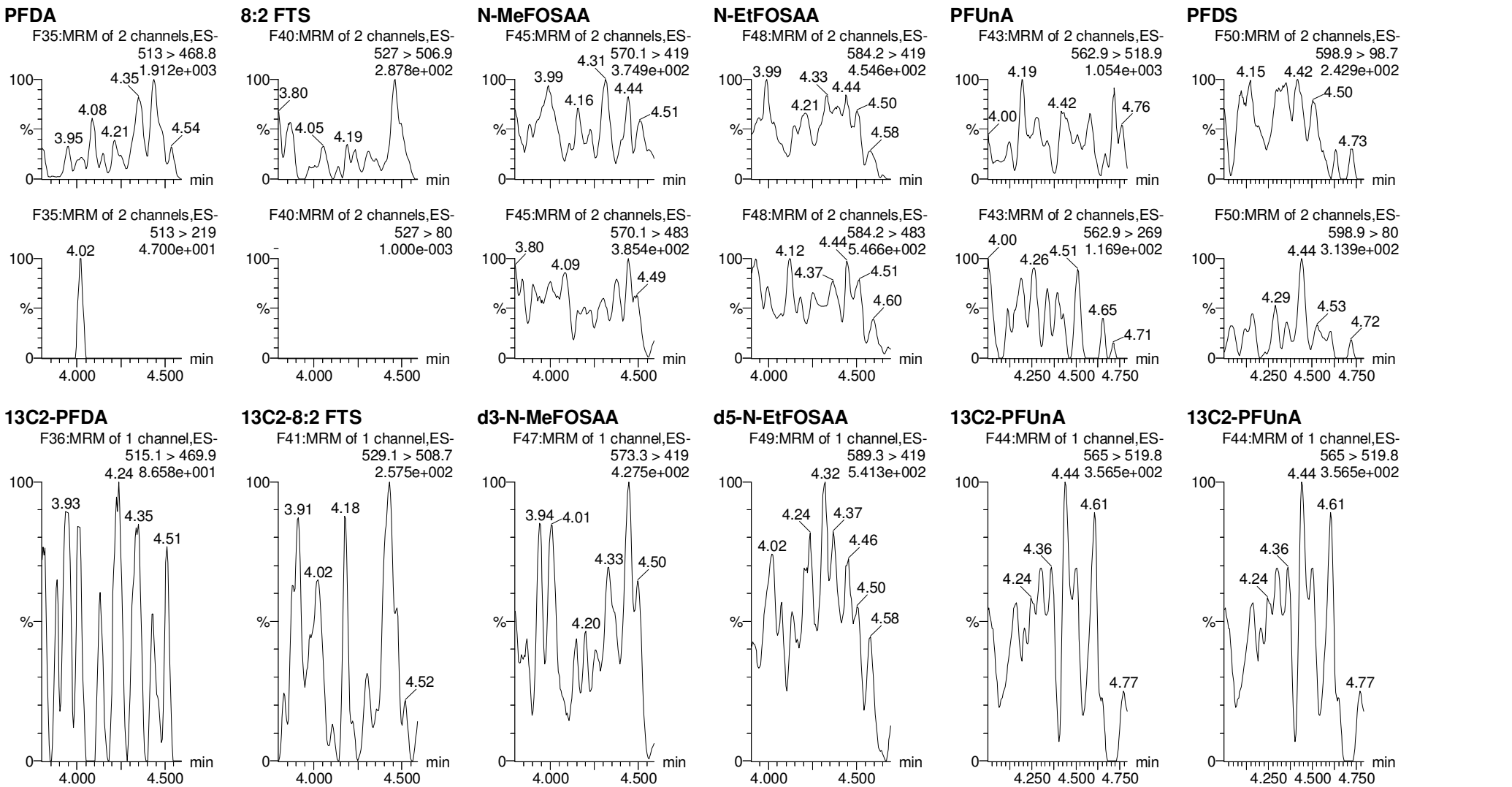


Dataset: U:\Q4.PRO\results\170816M1\170816M1-3.qld

Last Altered: Thursday, August 17, 2017 10:46:22 Pacific Daylight Time

Printed: Thursday, August 17, 2017 10:46:50 Pacific Daylight Time

Name: 170816M1_3, Date: 16-Aug-2017, Time: 12:38:15, ID: IPA, Description: IPA



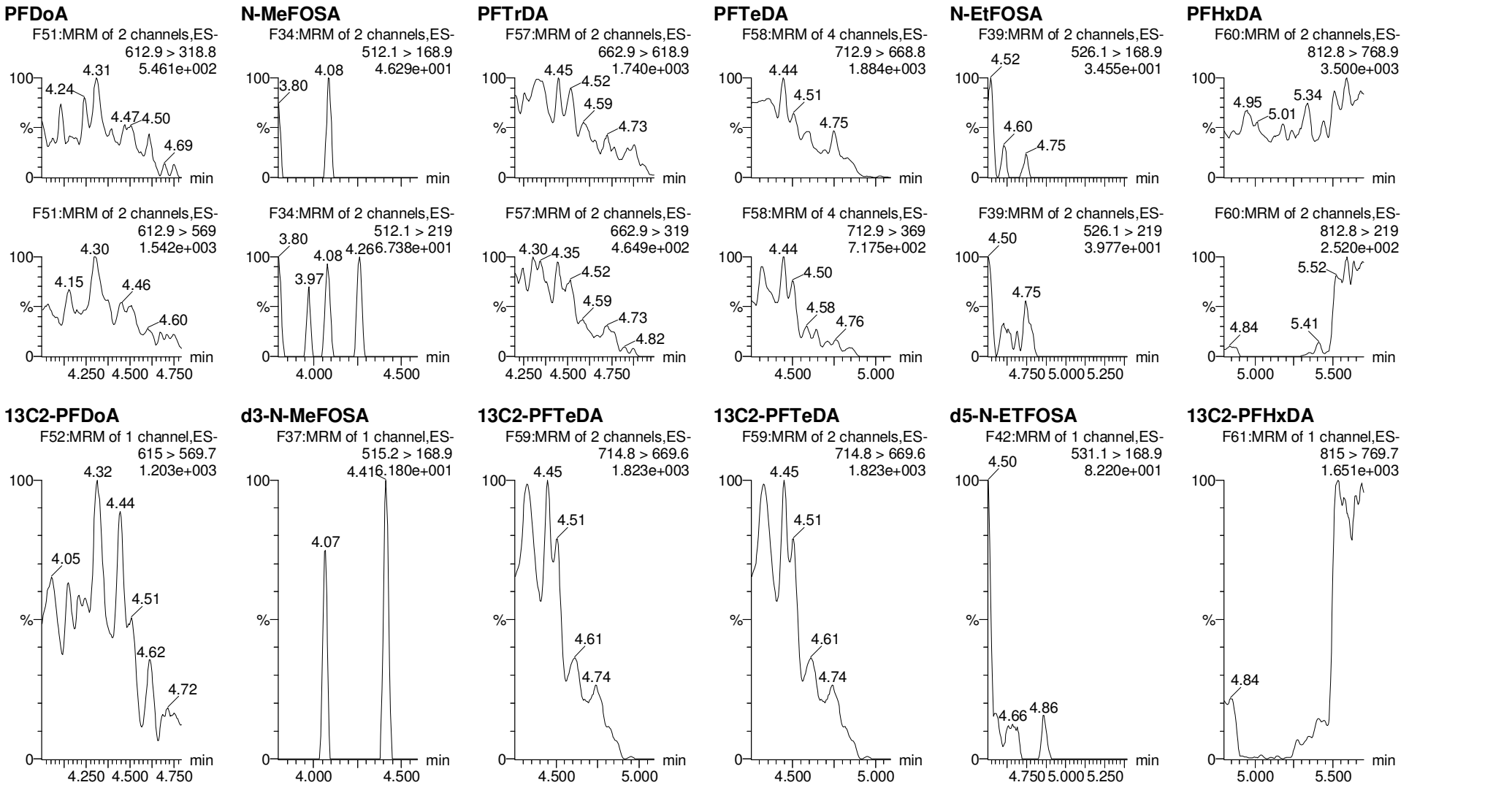
Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\170816M1\170816M1-3.qld

Last Altered: Thursday, August 17, 2017 10:46:22 Pacific Daylight Time

Printed: Thursday, August 17, 2017 10:46:50 Pacific Daylight Time

Name: 170816M1_3, Date: 16-Aug-2017, Time: 12:38:15, ID: IPA, Description: IPA



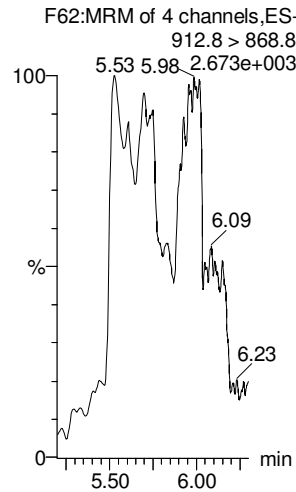
Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\170816M1\170816M1-3.qld

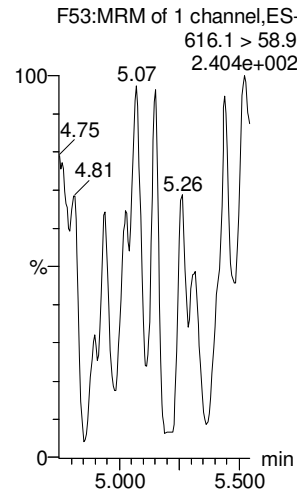
Last Altered: Thursday, August 17, 2017 10:46:22 Pacific Daylight Time
Printed: Thursday, August 17, 2017 10:46:50 Pacific Daylight Time

Name: 170816M1_3, Date: 16-Aug-2017, Time: 12:38:15, ID: IPA, Description: IPA

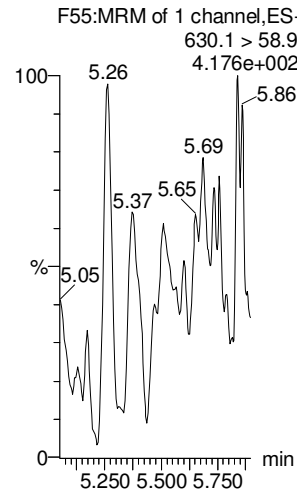
PFODA



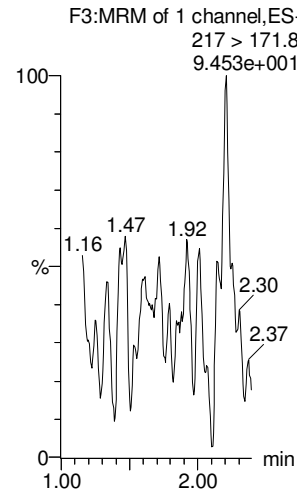
N-MeFOSE



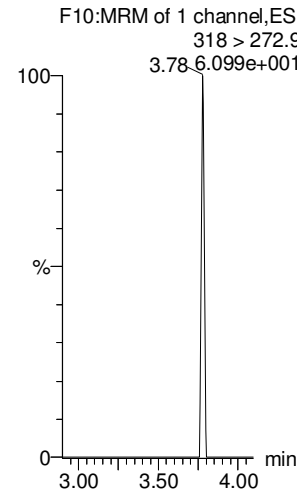
N-EtFOSE



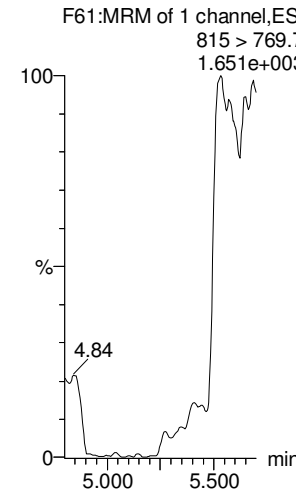
13C4-PFBA



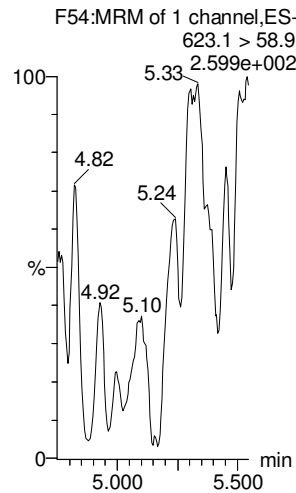
13C5-PFHxA



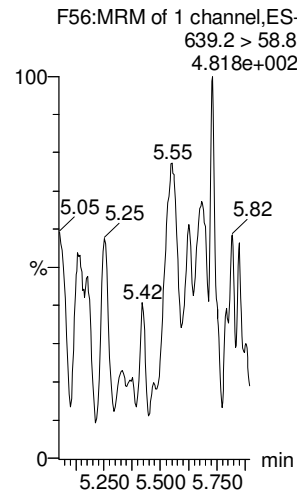
13C2-PFHxDA



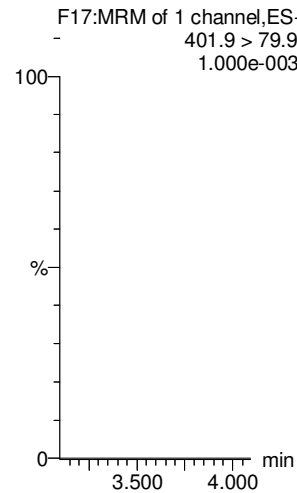
d7-N-MeFOSE



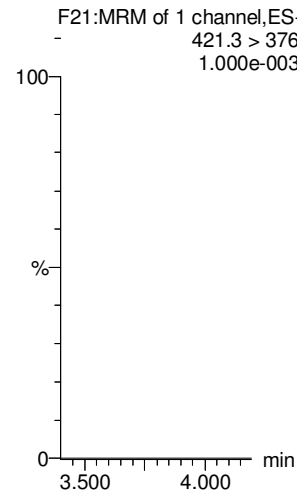
d9-N-EtFOSE



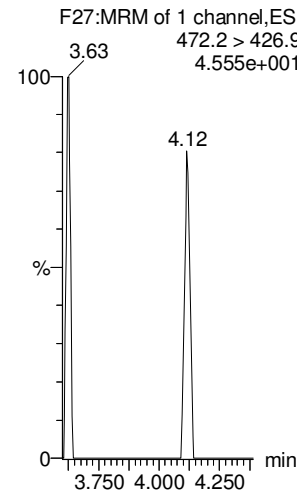
13C3-PFHxS



13C8-PFOA



13C9-PFNA

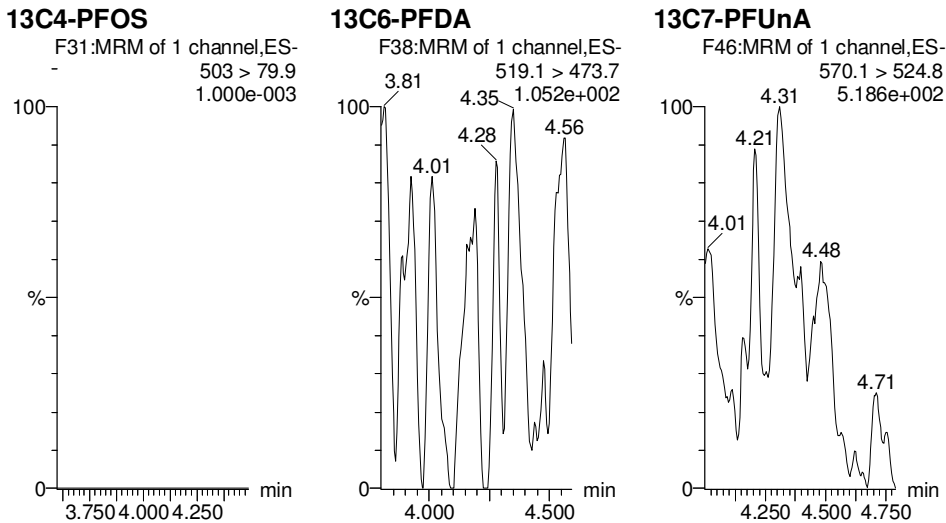


Dataset: U:\Q4.PRO\results\170816M1\170816M1-3.qld

Last Altered: Thursday, August 17, 2017 10:46:22 Pacific Daylight Time

Printed: Thursday, August 17, 2017 10:46:50 Pacific Daylight Time

Name: 170816M1_3, Date: 16-Aug-2017, Time: 12:38:15, ID: IPA, Description: IPA



Dataset: Untitled

Last Altered: Thursday, August 17, 2017 09:01:03 Pacific Daylight Time

Printed: Thursday, August 17, 2017 09:01:21 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170816M1_71, Date: 17-Aug-2017, Time: 00:47:34, ID: ST170816M1-5 PFC CS0 17H1601, Description: PFC CS0 17H1601

	# Name	Trace	Area	IS Resp	RRF	Wt./Vol	RT	Conc	%Rec
1	1 PFBA	213.0 > 168.8	1376.138	13895.239		1.000	1.45	1.08	107.87
2	2 PFPeA	263.1 > 218.9	2245.730	25798.012		1.000	2.70	1.03	102.88
3	3 PFBS	299 > 79.7	450.531	2997.581		1.000	2.92	0.99	99.15
4	4 PFHxA	313.2 > 268.9	3545.785	11228.116		1.000	3.16	0.75	74.52
5	5 PFHpA	363 > 318.9	3514.968	32474.158		1.000	3.42	0.74	73.66
6	6 PFHxS	398.9 > 79.6	376.759	2901.895		1.000	3.49	0.98	98.28
7	7 6:2 FTS	427.1 > 407	617.817	8425.233		1.000	3.60	0.91	91.23
8	8 PFOA	413 > 368.7	5588.749	57575.543		1.000	3.62	1.08	108.31
9	9 PFHpS	448.9 > 98.8	481.098	57575.543		1.000	3.67	1.23	122.92
10	10 PFNA	462.9 > 418.8	6330.731	65680.930		1.000	3.80	0.71	70.56
11	11 PFOSA	498.1 > 77.8	706.061	7125.001		1.000	3.81	1.15	115.00
12	12 PFOS	499 > 79.9	941.480	11354.173		1.000	3.85	1.01	100.68
13	13 PFDA	513 > 468.8	5728.707	56623.922		1.000	3.97	1.02	101.61
14	14 8:2 FTS	527 > 506.9	727.800	5550.298		1.000	3.97	1.16	115.70
15	15 N-MeFOSAA	570.1 > 419	1527.464	12194.973		1.000	4.01	1.07	107.10
16	16 N-EtFOSAA	584.2 > 419	1145.370	12752.016		1.000	4.07	0.89	89.22
17	17 PFUnA	562.9 > 518.9	4507.870	57144.855		1.000	4.15	1.11	110.76
18	18 PFDS	598.9 > 98.7	398.932	57144.855		1.000	4.19	0.93	92.66
19	19 PFDoA	612.9 > 318.8	523.194	6765.232		1.000	4.30	1.11	110.53
20	20 N-MeFOSA	512.1 > 168.9	917.648	30841.428		1.000	4.31	4.19	83.86
21	21 PFTTrDA	662.9 > 618.9	6222.065	6765.232		1.000	4.48	1.02	102.42
22	22 PFTeDA	712.9 > 668.8	4265.800	41720.551		1.000	4.65	1.03	102.81
23	23 N-EtFOSA	526.1 > 168.9	1380.353	41531.480		1.000	4.88	5.15	103.10
24	24 PFHxDA	812.8 > 768.9	6539.119	20431.314		1.000	5.03	0.98	97.94
25	25 PFODA	912.8 > 868.8	5919.729	20431.314		1.000	5.40	1.06	105.84
26	26 N-MeFOSE	616.1 > 58.9	1749.535	46324.703		1.000	5.40	5.20	103.96
27	27 N-EtFOSE	630.1 > 58.9	1937.190	46489.742		1.000	5.58	3.65	72.90
28	28 13C3-PFBA	216.1 > 171.8	13895.239	15374.446	0.906	1.000	1.45	12.47	99.77
29	29 13C3-PFPeA	266 > 221.8	25798.012	38853.691	0.284	1.000	2.70	11.69	93.55
30	30 13C3-PFBS	302 > 98.8	2997.581	38853.691	0.033	1.000	2.91	11.73	93.86
31	31 13C2-PFHxA	315 > 269.8	11228.116	38853.691	0.304	1.000	3.16	4.76	95.18

70-130

AM
8/17/17

90-150

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 09:01:03 Pacific Daylight Time

Printed: Thursday, August 17, 2017 09:01:21 Pacific Daylight Time

Name: 170816M1_71, Date: 17-Aug-2017, Time: 00:47:34, ID: ST170816M1-5 PFC CS0 17H1601, Description: PFC CS0 17H1601

	# Name	Trace	Area	IS Resp	RRF	Wt./Vol	RT	Conc.	%Rec
32	32 13C4-PFHpA	367.2 > 321.8	32474.158	38853.691	0.384	1.000	3.42	10.88	87.05
33	33 18O2-PFHxS	403 > 102.6	2901.895	6581.505	0.417	1.000	3.49	13.21	105.70
34	34 13C2-6:2 FTS	429.1 > 408.9	8425.233	49443.586	0.202	1.000	3.61	10.56	84.47
35	35 13C2-PFOA	414.9 > 369.7	57575.543	49443.586	1.132	1.000	3.62	12.86	102.85
36	36 13C5-PFNA	468.2 > 422.9	65680.930	71875.859	0.946	1.000	3.80	12.07	96.59
37	37 13C8-PFOSA	506.1 > 77.7	7125.001	60322.012	0.119	1.000	3.81	12.36	98.91
38	38 13C8-PFOS	507 > 79.9	11354.173	10054.925	1.040	1.000	3.85	13.57	108.60
39	39 13C2-PFDA	515.1 > 469.9	56623.922	55169.238	0.971	1.000	3.97	13.22	105.73
40	40 13C2-8:2 FTS	529.1 > 508.7	5550.298	55169.238	0.140	1.000	3.97	8.96	71.72
41	41 d3-N-MeFOSAA	573.3 > 419	12194.973	60322.012	0.018	1.000	4.01	142.06	87.42
42	42 d5-N-EtFOSAA	589.3 > 419	12752.016	60322.012	0.018	1.000	4.07	144.94	89.20
43	43 13C2-PFUnA	565 > 519.8	57144.855	60322.012	1.085	1.000	4.15	10.91	87.30
44	44 13C2-PFDoA	615 > 569.7	6765.232	60322.012	0.123	1.000	4.30	11.39	91.08
45	45 d3-N-MeFOSA	515.2 > 168.9	30841.428	60322.012	0.043	1.000	4.34	147.71	98.47
46	46 13C2-PFTeDA	714.8 > 669.6	41720.551	60322.012	0.798	1.000	4.65	10.84	86.69
47	47 d5-N-ETFOSA	531.1 > 168.9	41531.480	60322.012	0.056	1.000	4.92	154.57	103.05
48	48 13C2-PFHxDA	815 > 769.7	20431.314	60322.012	0.926	1.000	5.03	4.57	91.40
49	49 d7-N-MeFOSE	623.1 > 58.9	46324.703	60322.012	0.059	1.000	5.39	161.49	107.66
50	50 d9-N-EtFOSE	639.2 > 58.8	46489.742	60322.012	0.059	1.000	5.56	161.96	107.97
51	51 13C4-PFBA	217 > 171.8	15374.446	15374.446	1.000	1.000	1.45	12.50	100.00
52	52 13C5-PFHxA	318 > 272.9	38853.691	38853.691	1.000	1.000	3.16	5.00	100.00
53	53 13C3-PFHxS	401.9 > 79.9	6581.505	6581.505	1.000	1.000	3.49	12.50	100.00
54	54 13C8-PFOA	421.3 > 376	49443.586	49443.586	1.000	1.000	3.62	12.50	100.00
55	55 13C9-PFNA	472.2 > 426.9	71875.859	71875.859	1.000	1.000	3.80	12.50	100.00
56	56 13C4-PFOS	503 > 79.9	10054.925	10054.925	1.000	1.000	3.85	12.50	100.00
57	57 13C6-PFDA	519.1 > 473.7	55169.238	55169.238	1.000	1.000	3.97	12.50	100.00
58	58 13C7-PFUnA	570.1 > 524.8	60322.012	60322.012	1.000	1.000	4.14	12.50	100.00

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170816M1.SPL
Last Modified: Wednesday, August 16, 2017 18:45:26 Pacific Daylight Time
Printed: Wednesday, August 16, 2017 18:45:29 Pacific Daylight Time

Page 1 of 8

Page Position (1, 1)

	File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
1	170816M1_1	---	IPA	IPA	1.0000	1:48	Blank
2	170816M1_2	X	ST170816M1-1 PFC CS0 17H1504	PFC CS0 17H1504	1.0000	1:1	Standard
3	170816M1_3	---	IPA	IPA	1.0000	1:48	Blank
4	170816M1_4	XX	B7H0059-BS1 OPR 1	OPR	1.0000	1:3	Analyte
5	170816M1_5	---	IPA	IPA	1.0000	1:48	Blank
6	170816M1_6	O	B7H0058-BLK1 Method Blank 1	Method Blank	1.0000	1:4	Analyte
7	170816M1_7	O	B7H0059-BLK1 Method Blank 1	Method Blank	1.0000	1:5	Analyte
8	170816M1_8	-	B7H0049-BLK1 Method Blank 0.125	Method Blank	0.1250	1:6	Analyte
9	170816M1_9	-	B7H0058-MS1 Matrix Spike 1.04	Matrix Spike	1.0400	1:7	Analyte
10	170816M1_10	-	B7H0058-MSD1 Matrix Spike Dup 1.04	Matrix Spike Dup	1.0400	1:8	Analyte
11	170816M1_11	-	B7H0058-MS2 Matrix Spike 1.09	Matrix Spike	1.0900	1:9	Analyte
12	170816M1_12	-	B7H0058-MSD2 Matrix Spike Dup 1.08	Matrix Spike Dup	1.0800	1:10	Analyte
13	170816M1_13	X	B7H0059-MS1 Matrix Spike 3.59	Matrix Spike	3.5900	1:11	Analyte
14	170816M1_14	-	B7H0059-MSD1 Matrix Spike Dup 3.58	Matrix Spike Dup	3.5800	1:12	Analyte
15	170816M1_15	-	1700973-05@5X MATPXX127b 0.125	MATPXX127b	0.1147	1:13	Analyte
16	170816M1_16	---	IPA	IPA	1.0000	1:48	Blank
17	170816M1_17	O	1700973-06 MATP04054b 0.125	MATP04054b	0.1154	1:14	Analyte
18	170816M1_18	---	IPA	IPA	1.0000	1:48	Blank
19	170816M1_19	---	1700973-06@20X MATP04054b 0.125	MATP04054b	0.1154	1:15	Analyte
20	170816M1_20	---	IPA	IPA	1.0000	1:48	Blank
21	170816M1_21	XX	1700973-07 MATPXX133b 0.125	MATPXX133b	0.1182	1:16	Analyte
22	170816M1_22	O	1700974-09 MATP04052 0.125	MATP04052	0.1250	1:17	Analyte
23	170816M1_23	-	1700979-01 MATP01014 1.02	MATP01014	1.0014	1:18	Analyte
24	170816M1_24	-	1700979-02 MATP01015 1.26	MATP01015	1.0103	1:19	Analyte
25	170816M1_25	-	1700979-04 MATP01018 1.35	MATP01018	1.0184	1:20	Analyte
26	170816M1_26	-	1700979-05 MATP01019 1.07	MATP01019	1.0027	1:21	Analyte
27	170816M1_27	-	1700979-06 MATP01021 1.05	MATP01021	1.0000	1:22	Analyte
28	170816M1_28	---	IPA	IPA	1.0000	1:48	Blank
29	170816M1_29	X	ST170816M1-3 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:2	Standard
30	170816M1_30	---	IPA	IPA	1.0000	1:48	Blank
31	170816M1_31	-	1700979-08 MATP01023 1.15	MATP01023	1.0134	1:23	Analyte
32	170816M1_32	-	1700979-09 MATP01025 1.04	MATP01025	1.0017	1:24	Analyte
33	170816M1_33	XX	1700979-10 MATP01026 1.14	MATP01026	0.9849	1:25	Analyte
34	170816M1_34	-	1700979-12 MATP01029 1.11	MATP01029	1.0064	1:26	Analyte
35	170816M1_35	-	1700979-13 MATP01030 1.11	MATP01030	1.0081	1:27	Analyte
36	170816M1_36	-	1700979-15 MATP01033 1.12	MATP01033	1.0152	1:28	Analyte
37	170816M1_37	-	1700978-01 MATP01035 1.04	MATP01035	1.0136	1:29	Analyte
38	170816M1_38	-	1700978-02 MATP01036 1.07	MATP01036	0.9801	1:30	Analyte
39	170816M1_39	-	1700978-03 MATP03042 1.16	MATP03042	0.9903	1:31	Analyte
40	170816M1_40	-	1700978-04 MATP03043 1.19	MATP03043	1.0054	1:32	Analyte

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170816M1.SPL
Last Modified: Wednesday, August 16, 2017 18:45:26 Pacific Daylight Time
Printed: Wednesday, August 16, 2017 18:45:29 Pacific Daylight Time

Page 3 of 8

Page Position (1, 2)

	File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
41	170816M1_41	---	IPA	IPA	1.0000	1:48	Blank
42	170816M1_42	X	ST170816M1- 4 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:2	Standard
43	170816M1_43	---	IPA	IPA	1.0000	1:48	Blank
44	170816M1_44	-	1700978-06 MATP04056 1.18	MATP04056	1.0090	1:33	Analyte
45	170816M1_45	-	1700978-08 MATP04058 1.14	MATP04058	1.0109	1:34	Analyte
46	170816M1_46	-	1700978-10 MATP10122 1.12	MATP10122	0.9912	1:35	Analyte
47	170816M1_47	-	1700992-03 MATP09109 2.44	MATP09109	1.0051	1:36	Analyte
48	170816M1_48	-	1700992-04 MATP09110 2.64	MATP09110	1.0083	1:37	Analyte
49	170816M1_49	-	1700992-06 MATP09112 1.22	MATP09112	0.9915	1:38	Analyte
50	170816M1_50	-	1700992-07 MATP08106 3.58	MATP08106	1.0000	1:39	Analyte
51	170816M1_51	-	1700983-12 BANGR-EB-002-073117 0.114	BANGR-EB-002-073117	0.1140	1:40	Analyte
52	170816M1_52	-	1700985-04 06302840007300_2017 0.11911	06302840007300_2017	0.1191	1:41	Analyte
53	170816M1_53	-	1700985-10 06302720003200_2017 0.11612	06302720003200_2017	0.1161	1:42	Analyte
54	170816M1_54	---	IPA	IPA	1.0000	1:48	Blank
55	170816M1_55	X	ST170816M1- 5 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:2	Standard
56	170816M1_56	---	IPA	IPA	1.0000	1:48	Blank
57	170816M1_57	-	1700985-11 06302840007100_2017 0.11872	06302840007100_2017	0.1187	1:43	Analyte
58	170816M1_58	-	1700985-16 064P5000001200_2017 0.19171	064P5000001200_2017	0.1917	1:44	Analyte
59	170816M1_59	-	1700985-17 4346F41A_2017 0.12012	4346F41A_2017	0.1201	1:45	Analyte
60	170816M1_60	-	1700985-18 4346F41B_2017 0.11602	4346F41B_2017	0.1160	1:46	Analyte
61	170816M1_61	-	1700977-01 Mill Road Tank 0.11953	Mill Road Tank	0.1195	1:47	Analyte
62	170816M1_62	-	1700977-03 Field Blank at Well 6 0.11886	Field Blank at Well 6	0.1189	2:1	Analyte
63	170816M1_63	-	1700977-04 Well 5a 0.11959	Well 5a	0.1196	2:2	Analyte
64	170816M1_64	-	1700977-05 Well 6 0.11926	Well 6	0.1193	2:3	Analyte
65	170816M1_65	-	1700977-06 Well 7 0.11627	Well 7	0.1163	2:4	Analyte
66	170816M1_66	-	1700992-01 MATP09108 0.11116	MATP09108	0.1112	2:5	Analyte
67	170816M1_67	-	1700995-08 BANGR-12-SW02-080317 0.08828	BANGR-12-SW02-080317	0.0883	2:6	Analyte
68	170816M1_68	-	1700995-10 BANGR-EB-005-080317 0.11995	BANGR-EB-005-080317	0.1200	2:7	Analyte
69	170816M1_69	-	1700995-11 BANGR-EB-006-080317 0.11834	BANGR-EB-006-080317	0.1183	2:8	Analyte
70	170816M1_70	---	IPA	IPA	1.0000	1:48	Blank
71	170816M1_71	X	ST170816M1- 6 PFC CS0 17H1601	PFC CS0 17H1601	1.0000	1:1	Standard
72	170816M1_72	---	IPA	IPA	1.0000	1:48	Blank
73	170816M1_73	X	B7H0066-BS1 OPR 0.125	OPR	0.1250	2:9	Analyte
74	170816M1_74	X	B7H0069-BS1 OPR 0.25	OPR	0.2500	2:10	Analyte
75	170816M1_75	---	IPA	IPA	1.0000	1:48	Blank
76	170816M1_76	X	B7H0066-BLK1 Method Blank 0.125	Method Blank	0.1250	2:11	Analyte
77	170816M1_77	-	B7H0069-BLK1 Method Blank 0.25	Method Blank	0.2500	2:12	Analyte
78	170816M1_78	X	B7H0066-MS1 Matrix Spike 0.11555	Matrix Spike	0.1156	2:13	Analyte
79	170816M1_79	X	B7H0066-MSD1 Matrix Spike Dup 0.11567	Matrix Spike Dup	0.1157	2:14	Analyte
80	170816M1_80	X	B7H0066-MS2 Matrix Spike 0.11836	Matrix Spike	0.1184	2:15	Analyte

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170816M1.SPL
 Last Modified: Wednesday, August 16, 2017 18:45:26 Pacific Daylight Time
 Printed: Wednesday, August 16, 2017 18:45:29 Pacific Daylight Time

Page 5 of 8

Page Position (1, 3)

	File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
81	170816M1_81	X	B7H0066-MSD2 Matrix Spike Dup 0.11729	Matrix Spike Dup	0.1173	2:16	Analyte
82	170816M1_82	-	B7H0069-MS1 Matrix Spike 0.1193	Matrix Spike	0.1193	2:17	Analyte
83	170816M1_83	X	B7H0069-MSD1 Matrix Spike Dup 0.11433	Matrix Spike Dup	0.1143	2:18	Analyte
84	170816M1_84	X	1701011-01 06302140000900_2017 0.11617	06302140000900_2017	0.1162	2:19	Analyte
85	170816M1_85	X	1701011-02 06302140002050_2017 0.11859	06302140002050_2017	0.1186	2:20	Analyte
86	170816M1_86	X	1701011-03 06302140002100_2017 0.11904	06302140002100_2017	0.1190	2:21	Analyte
87	170816M1_87	X	1701011-04 06302810002200_2017 0.11477	06302810002200_2017	0.1148	2:22	Analyte
88	170816M1_88	X	1701011-05 064W5000002700_2017 0.11543	064W5000002700_2017	0.1154	2:23	Analyte
89	170816M1_89	X	1701011-06 FD-01 0.12004	FD-01	0.1200	2:24	Analyte
90	170816M1_90	X	1701011-07 FD-02 0.11727	FD-02	0.1173	2:25	Analyte
91	170816M1_91	X	1701011-08 06302130001200_2017 0.12215	06302130001200_2017	0.1221	2:26	Analyte
92	170816M1_92	X	1701011-09 06302130001400A_2017 0.12023	06302130001400A_2017	0.1202	2:27	Analyte
93	170816M1_93	X	1701011-10 06302810001500_B_2017 0.11695	06302810001500_B_2017	0.1170	2:28	Analyte
94	170816M1_94	---	IPA	IPA	1.0000	1:48	Blank
95	170816M1_95	X	ST170816M1-7 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:2	Analyte
96	170816M1_96	---	IPA	IPA	1.0000	1:48	Blank
97	170816M1_97	X	1701011-11 6302840007000_2017 0.11166	6302840007000_2017	0.1117	2:29	Analyte
98	170816M1_98	X	1701011-12 FD-03 0.11337	FD-03	0.1134	2:30	Analyte
99	170816M1_99	X	1701011-13 FD-04 0.12051	FD-04	0.1205	2:31	Analyte
100	170816M1_100	X	1701011-14 FD-05 0.11946	FD-05	0.1195	2:32	Analyte
101	170816M1_101	X	1701011-15 06302720002300_2017 0.11523	06302720002300_2017	0.1152	2:33	Analyte
102	170816M1_102	X	1701011-16 06302720002500_2017-C 0.10939	06302720002500_2017-C	0.1094	2:34	Analyte
103	170816M1_103	X	1701011-17 06302720002800_2017 0.11111	06302720002800_2017	0.1111	2:35	Analyte
104	170816M1_104	X	1701011-18 06302810001500_A_2017 0.11512	06302810001500_A_2017	0.1151	2:36	Analyte
105	170816M1_105	X	1701011-19 Tr-Prk-Pub-Well-1_2017 0.11801	Tr-Prk-Pub-Well-1_2017	0.1180	2:37	Analyte
106	170816M1_106	X	1701011-20 Tr-Prk-Pub-Well-2_2017 0.11847	Tr-Prk-Pub-Well-2_2017	0.1185	2:38	Analyte
107	170816M1_107	---	IPA	IPA	1.0000	1:48	Blank
108	170816M1_108	X	ST170816M1-8 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:2	Analyte
109	170816M1_109	---	IPA	IPA	1.0000	1:48	Blank
110	170816M1_110	X	1701013-01 06302720002600_2017 0.11643	06302720002600_2017	0.1164	2:39	Analyte
111	170816M1_111	X	1701013-02 06302720002900_2017 0.11676	06302720002900_2017	0.1168	2:40	Analyte
112	170816M1_112	X	1701013-03 06302810000600_2017 0.12244	06302810000600_2017	0.1224	2:41	Analyte
113	170816M1_113	X	1701013-04 064A3000000100_2017 0.1166	064A3000000100_2017	0.1166	2:42	Analyte
114	170816M1_114	X	1701013-05 064A35000005900_2017 0.12037	064A35000005900_2017	0.1204	2:43	Analyte
115	170816M1_115	X	1701013-06 5673_F41_2017 0.12174	5673_F41_2017	0.1217	2:44	Analyte
116	170816M1_116	X	1701013-07 06302140002250_2017 0.12148	06302140002250_2017	0.1215	2:45	Analyte
117	170816M1_117	X	1701013-08 06302810001010_2017 0.1142	06302810001010_2017	0.1142	2:46	Analyte
118	170816M1_118	X	1701013-09 064P5000001700_2017 0.12061	064P5000001700_2017	0.1206	2:47	Analyte
119	170816M1_119	X	1701013-10 064V5000000200_2017 0.11516	064V5000000200_2017	0.1152	2:48	Analyte
120	170816M1_120	---	IPA	IPA	1.0000	1:48	Blank

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170816M1.SPL
Last Modified: Wednesday, August 16, 2017 18:45:26 Pacific Daylight Time
Printed: Wednesday, August 16, 2017 18:45:29 Pacific Daylight Time

Page 7 of 8

Page Position (1, 4)

File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
121 170816M1_121	X	ST170816M1-8 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:2	Analyte
122 170816M1_122	---	IPA	IPA	1.0000	1:48	Blank
123 170816M1_123	X	1701013-11 LabDI_2017 0.11964	LabDI_2017	0.1196	1:3	Analyte
124 170816M1_124	X	1701022-01 Lagoon (420-124769-1) 0.24019	Lagoon (420-124769-1)	0.2402	1:4	Analyte
125 170816M1_125	X	B7H0097-BS1 OPR 1	OPR	1.0000	1:5	Analyte
126 170816M1_126	---	IPA	IPA	1.0000	1:48	Blank
127 170816M1_127	X	B7H0097-BLK1 Method Blank 1	Method Blank	1.0000	1:6	Analyte
128 170816M1_128	X	1700800-01 0032	0032	1.0000	1:7	Analyte
129 170816M1_129	---	IPA	IPA	1.0000	1:48	Blank
130 170816M1_130	X	ST170816M1-10 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:2	Analyte
131 170816M1_131	X	IPA	IPA	1.0000	1:48	Analyte
132 170816M1_132	X	TOPA A	TOPA A	1.0000	1:8	Analyte
133 170816M1_133	X	TOPA B	TOPA B	1.0000	1:9	Analyte
134 170816M1_134	X	170816_Slow	170816_Slow	1.0000	1:10	Analyte
135 170816M1_135	X	170816_Reg	170816_Reg	1.0000	1:11	Analyte
136 170816M1_136	X	170817_Fast	170817_Fast	1.0000	1:12	Analyte
137 170816M1_137	X	170816_Turbo	170816_Turbo	1.0000	1:13	Analyte
138 170816M1_138	X	50%DCM 50%HEX	50%DCM 50%HEX	1.0000	1:14	Analyte
139 170816M1_139	X	60%DCM 40%HEX	60%DCM 40%HEX	1.0000	1:15	Analyte
140 170816M1_140	X	75%DCM 25%HEX	75%DCM 25%HEX	1.0000	1:16	Analyte
141 170816M1_141	---	IPA	IPA	1.0000	1:48	Blank

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 09:00:25 Pacific Daylight Time

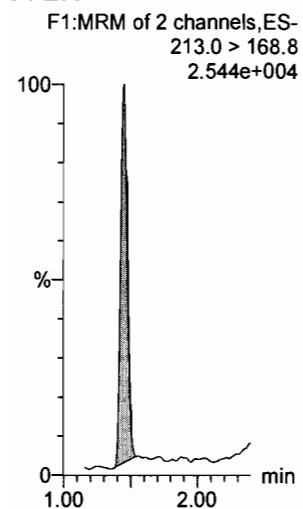
Printed: Thursday, August 17, 2017 09:00:31 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

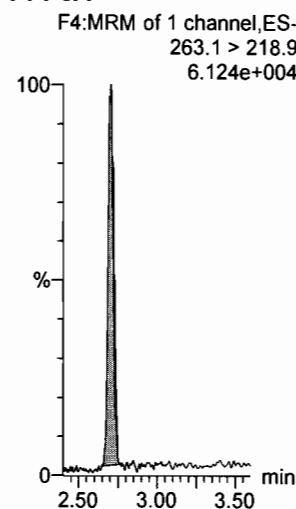
Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170816M1_71, Date: 17-Aug-2017, Time: 00:47:34, ID: ST170816M1-5 PFC CS0 17H1601, Description: PFC CS0 17H1601

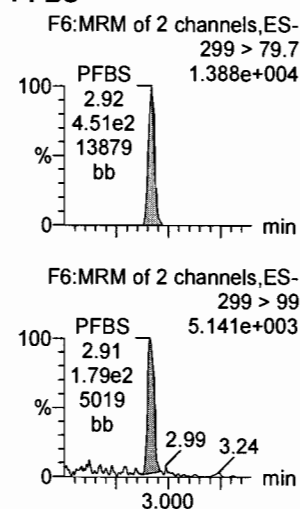
PFBA



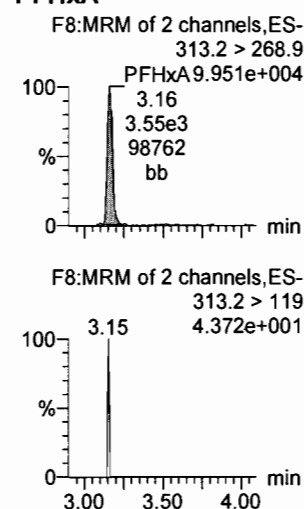
PFPeA



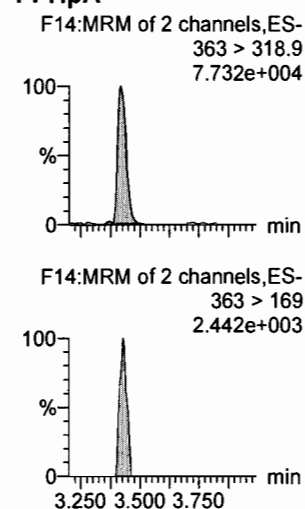
PFBS



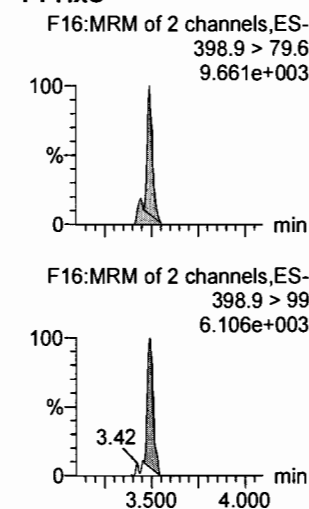
PFHxA



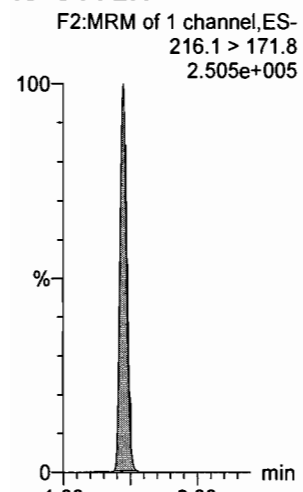
PFHpA



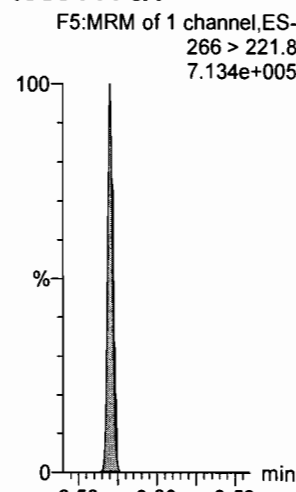
PFHxS



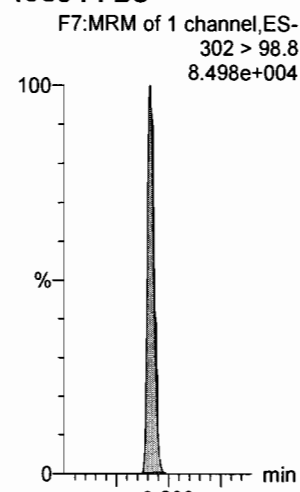
13C3-PFBA



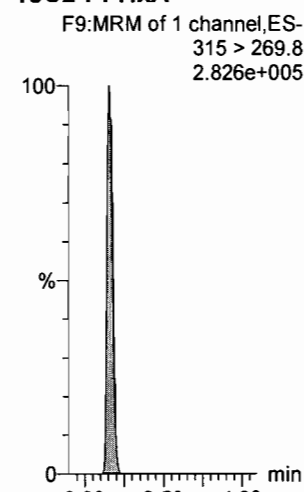
13C3-PFPeA



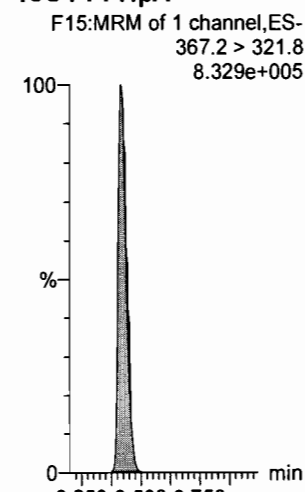
13C3-PFBS



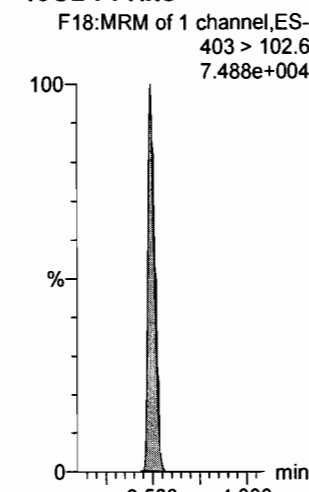
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



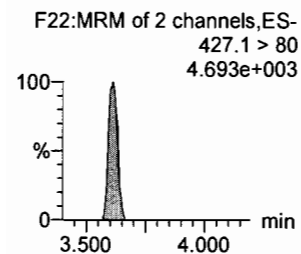
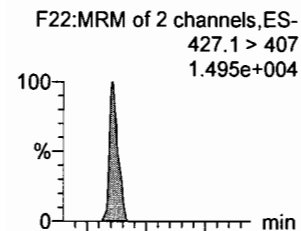
Dataset: Untitled

Last Altered: Thursday, August 17, 2017 09:00:25 Pacific Daylight Time

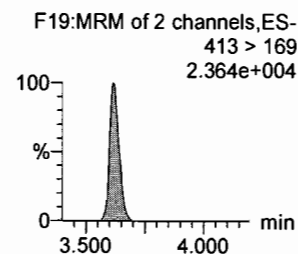
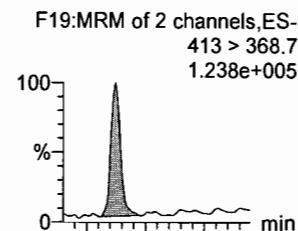
Printed: Thursday, August 17, 2017 09:00:31 Pacific Daylight Time

Name: 170816M1_71, Date: 17-Aug-2017, Time: 00:47:34, ID: ST170816M1-5 PFC CS0 17H1601, Description: PFC CS0 17H1601

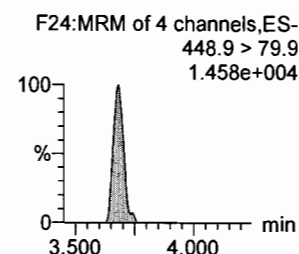
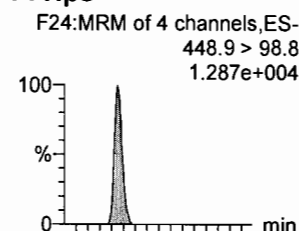
6:2 FTS



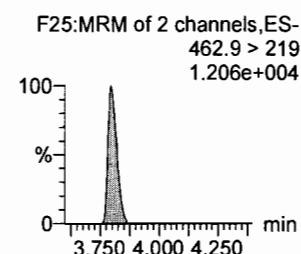
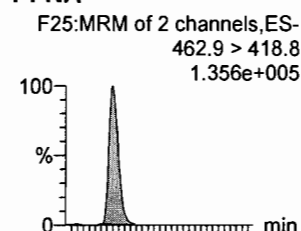
PFOA



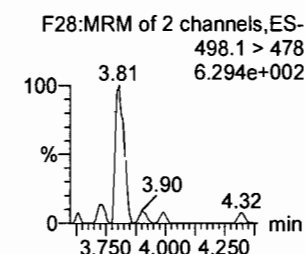
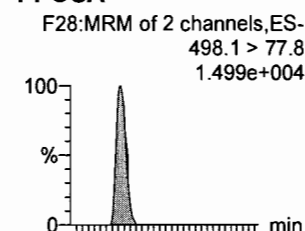
PFHpS



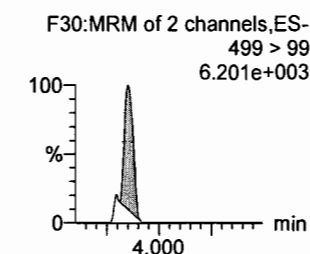
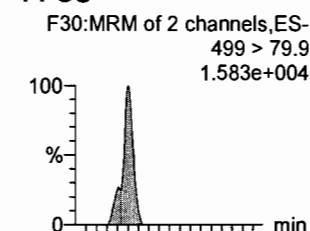
PFNA



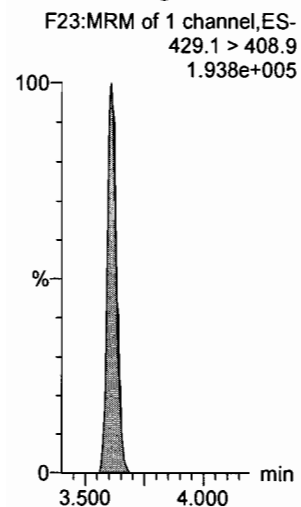
PFOSA



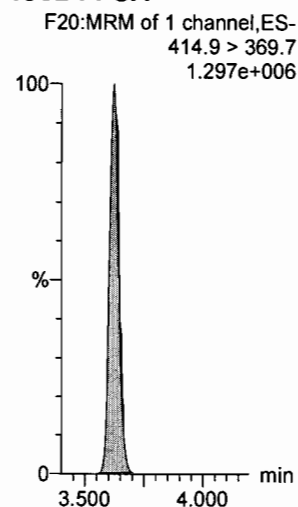
PFOS



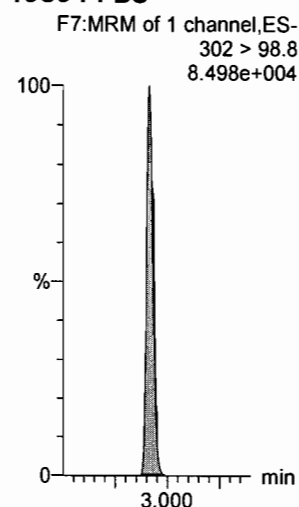
13C2-6:2 FTS



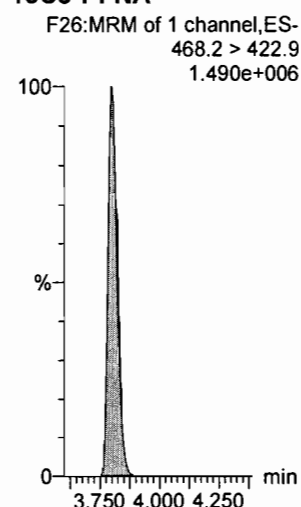
13C2-PFOA



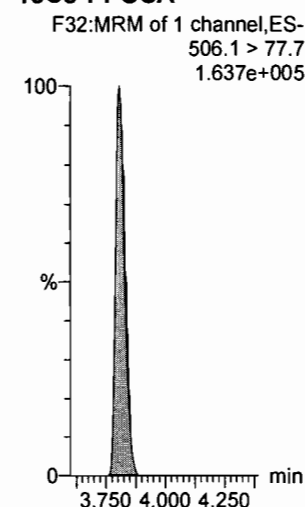
13C3-PFBS



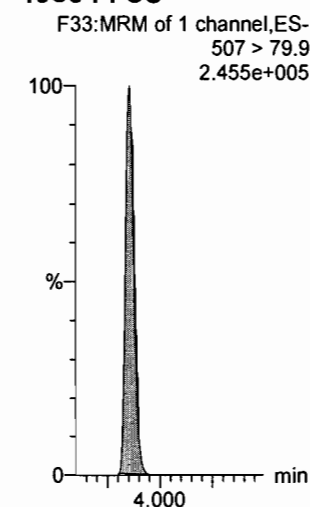
13C5-PFNA



13C8-PFOSA



13C8-PFOS



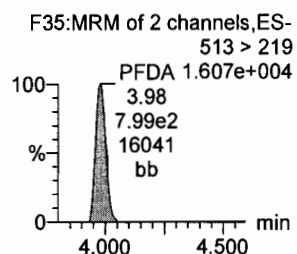
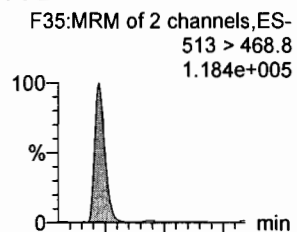
Dataset: Untitled

Last Altered: Thursday, August 17, 2017 09:00:25 Pacific Daylight Time

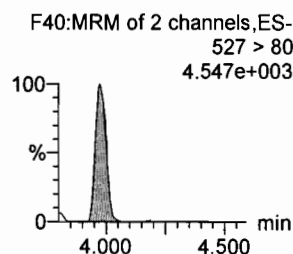
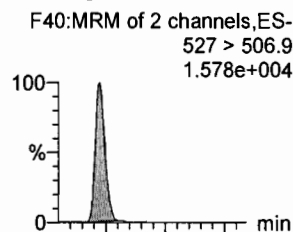
Printed: Thursday, August 17, 2017 09:00:31 Pacific Daylight Time

Name: 170816M1_71, Date: 17-Aug-2017, Time: 00:47:34, ID: ST170816M1-5 PFC CS0 17H1601, Description: PFC CS0 17H1601

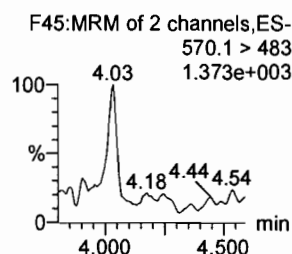
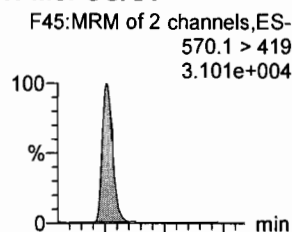
PFDA



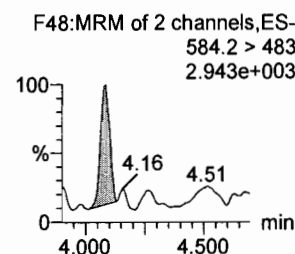
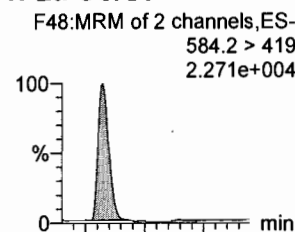
8:2 FTS



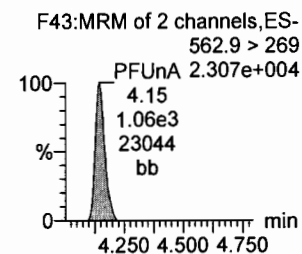
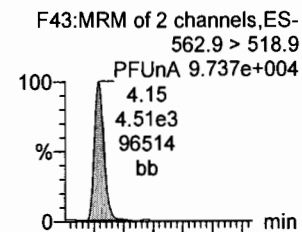
N-MeFOSAA



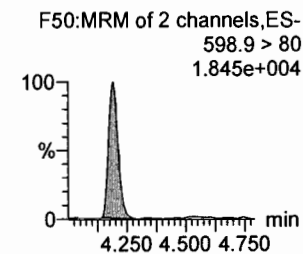
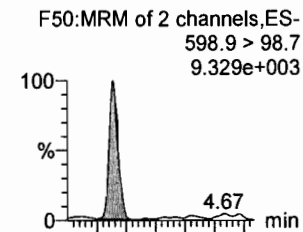
N-EtFOSAA



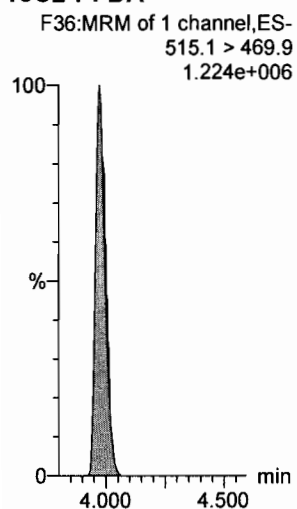
PFUnA



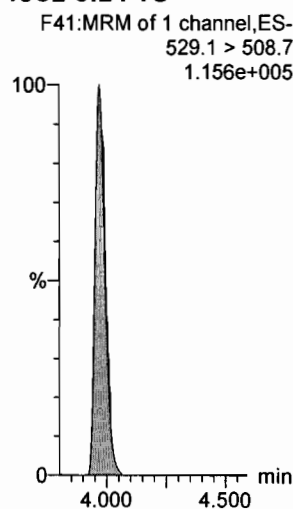
PFDS



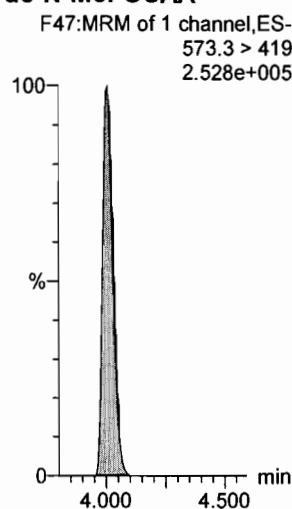
13C2-PFDA



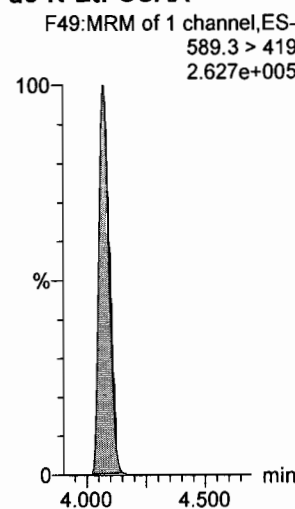
13C2-8:2 FTS



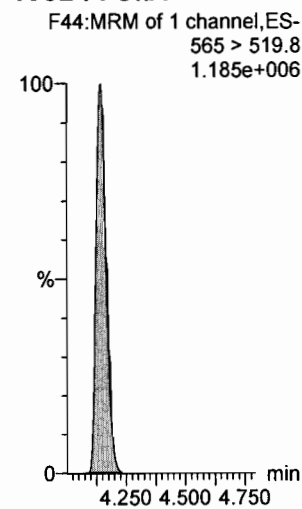
d3-N-MeFOSAA



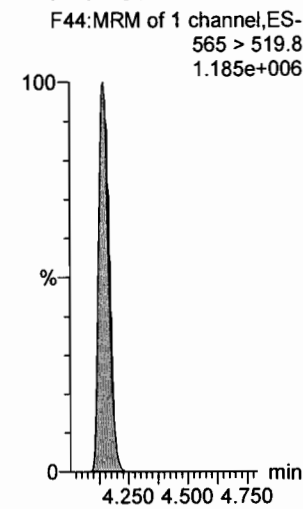
d5-N-EtFOSAA



13C2-PFUnA



13C2-PFUnA



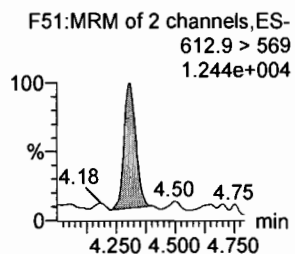
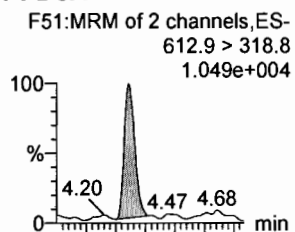
Dataset: Untitled

Last Altered: Thursday, August 17, 2017 09:00:25 Pacific Daylight Time

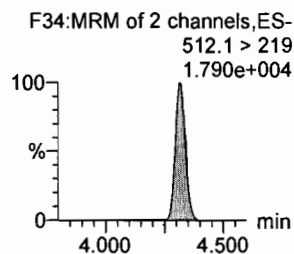
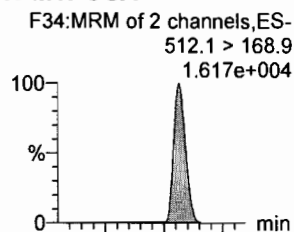
Printed: Thursday, August 17, 2017 09:00:31 Pacific Daylight Time

Name: 170816M1_71, Date: 17-Aug-2017, Time: 00:47:34, ID: ST170816M1-5 PFC CS0 17H1601, Description: PFC CS0 17H1601

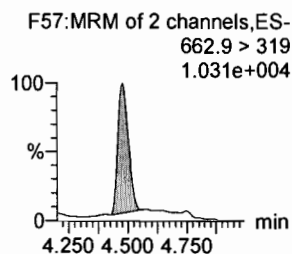
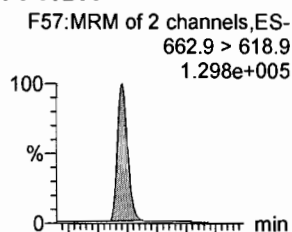
PFD_oA



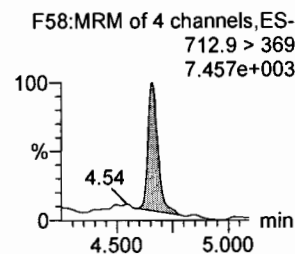
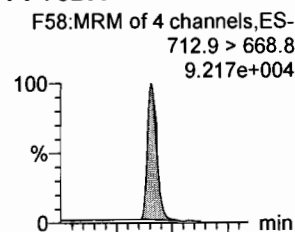
N-MeFOSA



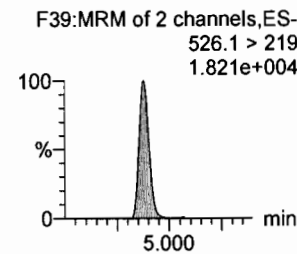
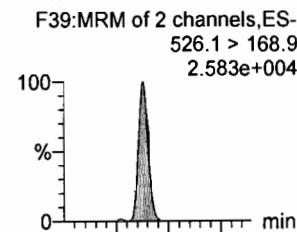
PFT_rDA



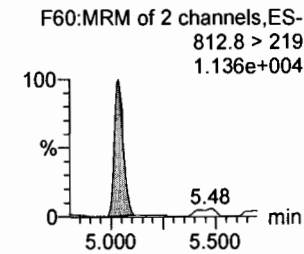
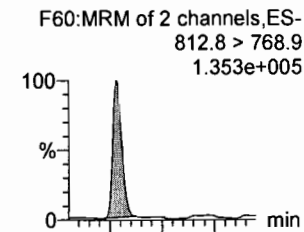
PFT_eDA



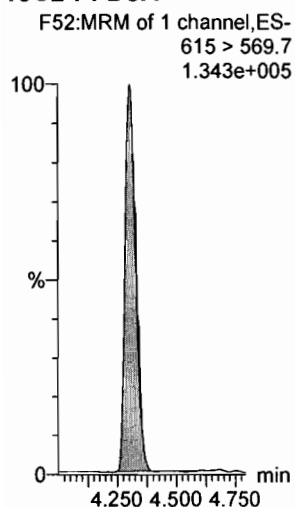
N-EtFOSA



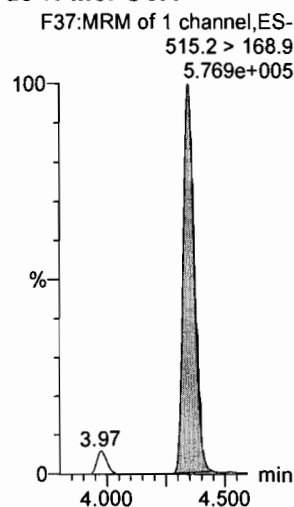
PFH_xDA



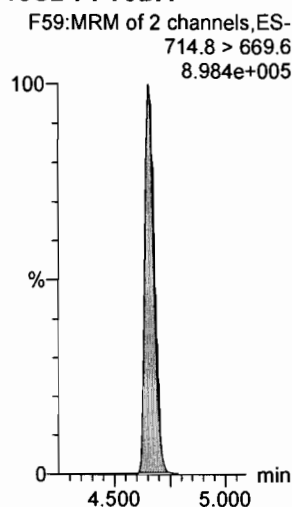
¹³C2-PFD_oA



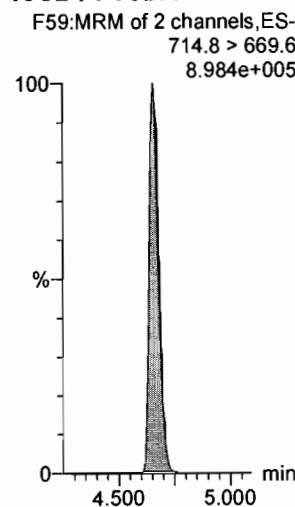
d3-N-MeFOSA



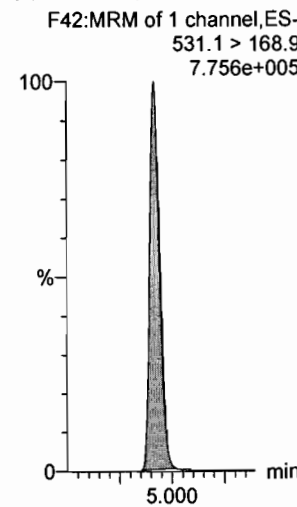
¹³C2-PFT_eDA



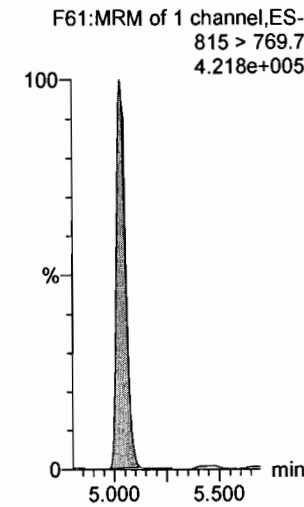
¹³C2-PFT_eDA



d5-N-ETFOSA



¹³C2-PFH_xDA

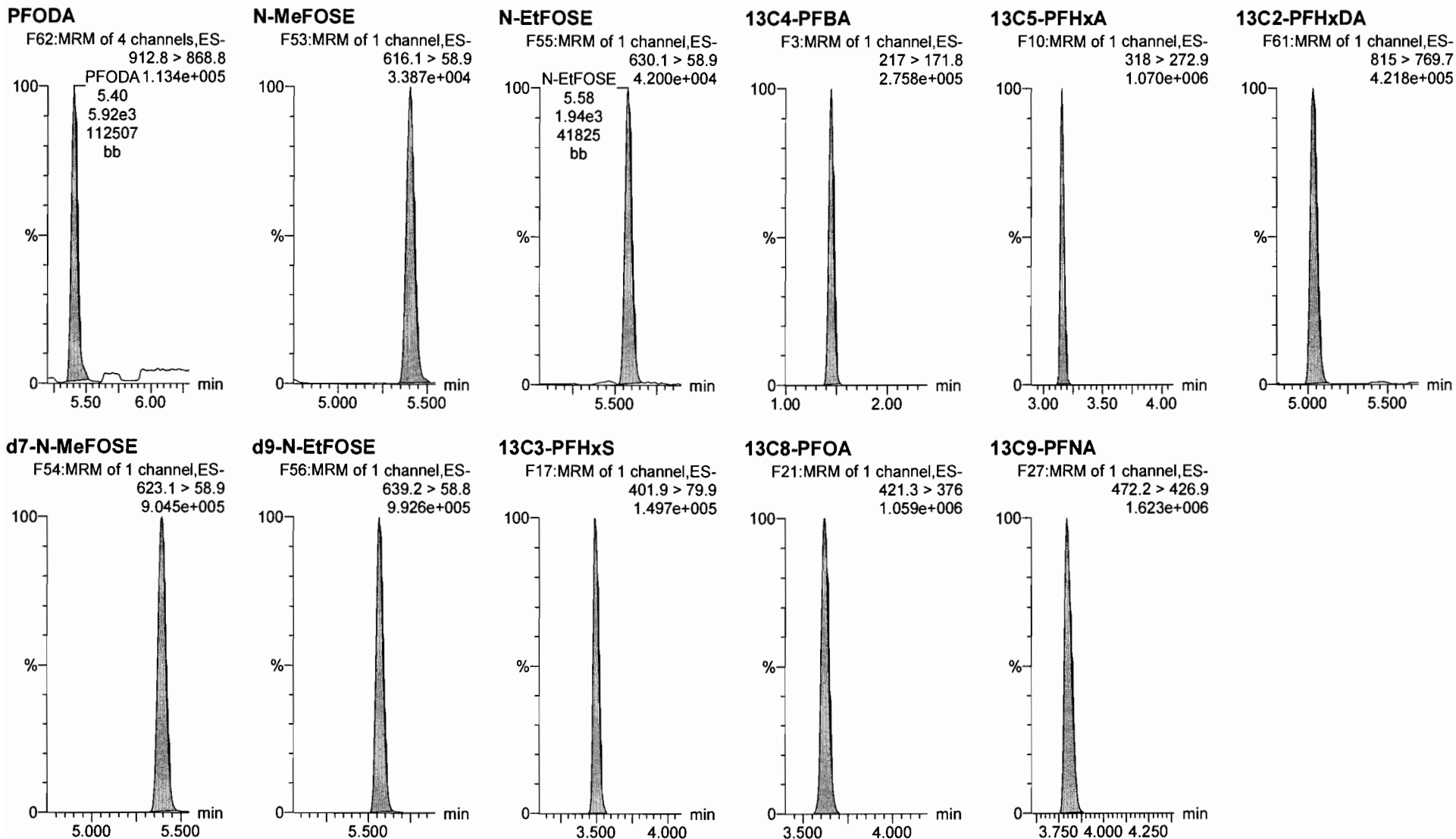


Dataset: Untitled

Last Altered: Thursday, August 17, 2017 09:00:25 Pacific Daylight Time

Printed: Thursday, August 17, 2017 09:00:31 Pacific Daylight Time

Name: 170816M1_71, Date: 17-Aug-2017, Time: 00:47:34, ID: ST170816M1-5 PFC CS0 17H1601, Description: PFC CS0 17H1601



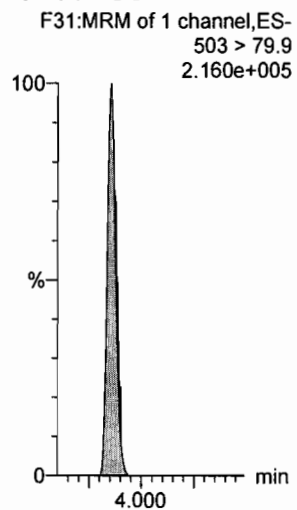
Dataset: Untitled

Last Altered: Thursday, August 17, 2017 09:00:25 Pacific Daylight Time

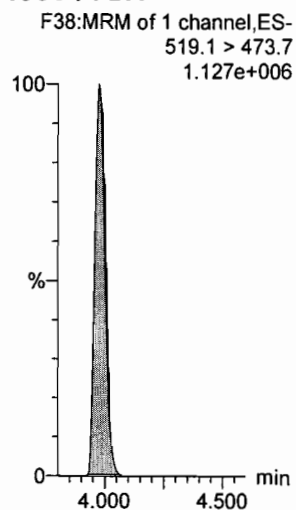
Printed: Thursday, August 17, 2017 09:00:31 Pacific Daylight Time

Name: 170816M1_71, Date: 17-Aug-2017, Time: 00:47:34, ID: ST170816M1-5 PFC CS0 17H1601, Description: PFC CS0 17H1601

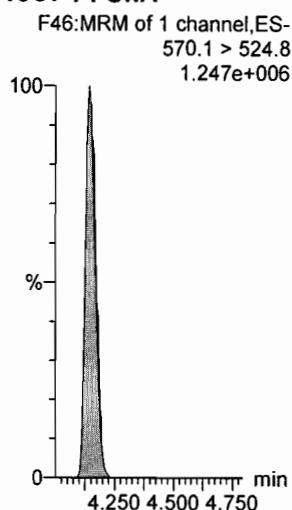
13C4-PFOS



13C6-PFDA



13C7-PFUnA



Dataset: Untitled

Last Altered: Thursday, August 17, 2017 09:03:25 Pacific Daylight Time

Printed: Thursday, August 17, 2017 09:03:33 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170816M1_95, Date: 17-Aug-2017, Time: 05:05:00, ID: ST170816M1-6 PFC CS3 17H1505, Description: PFC CS3 17H1505

	# Name	Trace	Area	IS Resp	RRF	Wt./Vol	RT	Conc.	%Rec
1	1 PFBA	213.0 > 168.8	15487.469	17388.732		1.000	1.44	10.15	101.50
2	2 PFPeA	263.1 > 218.9	26638.682	32815.734		1.000	2.70	10.63	106.32
3	3 PFBS	299 > 79.7	5522.546	3775.407		1.000	2.92	10.57	105.70
4	4 PFHxA	313.2 > 268.9	42653.020	14706.423		1.000	3.16	10.98	109.84
5	5 PFHpA	363 > 318.9	48320.672	47580.934		1.000	3.42	10.77	107.69
6	6 PFHxS	398.9 > 79.6	5928.872	4174.413		1.000	3.49	10.09	100.89
7	7 6:2 FTS	427.1 > 407	9695.769	11592.617		1.000	3.61	11.23	112.30
8	8 PFOA	413 > 368.7	69927.313	79746.320		1.000	3.62	11.03	110.25
9	9 PFHpS	448.9 > 98.8	6383.447	79746.320		1.000	3.68	12.63	126.26
10	10 PFNA	462.9 > 418.8	62635.723	70942.023		1.000	3.80	10.74	107.40
11	11 PFOSA	498.1 > 77.8	7383.713	8381.107		1.000	3.81	10.46	104.59
12	12 PFOS	499 > 79.9	11583.230	13372.483		1.000	3.86	10.19	101.88
13	13 PFDA	513 > 468.8	76031.258	77193.500		1.000	3.98	10.78	107.83
14	14 8:2 FTS	527 > 506.9	7476.498	7229.254		1.000	3.97	9.32	93.17
15	15 N-MeFOSAA	570.1 > 419	19293.701	16265.694		1.000	4.01	9.98	99.77
16	16 N-EtFOSAA	584.2 > 419	14750.647	15390.181		1.000	4.08	9.94	99.44
17	17 PFUnA	562.9 > 518.9	49408.441	72308.617		1.000	4.15	10.47	104.70
18	18 PFDS	598.9 > 98.7	4969.025	72308.617		1.000	4.19	10.41	104.09
19	19 PFDoA	612.9 > 318.8	5362.718	7490.443		1.000	4.31	10.69	106.88
20	20 N-MeFOSA	512.1 > 168.9	13738.224	38141.996		1.000	4.32	60.59	121.17
21	21 PFTTrDA	662.9 > 618.9	67698.398	7490.443		1.000	4.48	11.15	111.50
22	22 PFTeDA	712.9 > 668.8	44570.871	46946.375		1.000	4.66	10.38	103.78
23	23 N-EtFOSA	526.1 > 168.9	15691.381	50515.012		1.000	4.88	52.55	105.11
24	24 PFHxDA	812.8 > 768.9	65944.461	22851.564		1.000	5.03	9.96	99.55
25	25 PFODA	912.8 > 868.8	56209.375	22851.564		1.000	5.40	9.60	95.96
26	26 N-MeFOSE	616.1 > 58.9	19378.266	56449.188		1.000	5.40	55.34	110.68
27	27 N-EtFOSE	630.1 > 58.9	21707.750	56755.750		1.000	5.57	53.97	107.95
28	28 13C3-PFBA	216.1 > 171.8	17388.732	19144.523	0.906	1.000	1.44	12.53	100.27
29	29 13C3-PFPeA	266 > 221.8	32815.734	47367.516	0.284	1.000	2.70	12.20	97.61
30	30 13C3-PFBS	302 > 98.8	3775.407	47367.516	0.033	1.000	2.92	12.12	96.97
31	31 13C2-PFHxA	315 > 269.8	14706.423	47367.516	0.304	1.000	3.16	5.11	102.25

20-130

OM
8/17/17

9-150

Dataset: Untitled

Last Altered: Thursday, August 17, 2017 09:03:25 Pacific Daylight Time

Printed: Thursday, August 17, 2017 09:03:33 Pacific Daylight Time

Name: 170816M1_95, Date: 17-Aug-2017, Time: 05:05:00, ID: ST170816M1-6 PFC CS3 17H1505, Description: PFC CS3 17H1505

	# Name	Trace	Area	IS Resp	RRF	Wt./Vol	RT	Conc	%Rec
32	32 13C4-PFHpA	367.2 > 321.8	47580.934	47367.516	0.384	1.000	3.42	13.08	104.62
33	33 18O2-PFHxS	403 > 102.6	4174.413	10148.520	0.417	1.000	3.49	12.33	98.61
34	34 13C2-6:2 FTS	429.1 > 408.9	11592.617	70807.664	0.202	1.000	3.61	10.15	81.16
35	35 13C2-PFOA	414.9 > 369.7	79746.320	70807.664	1.132	1.000	3.62	12.43	99.47
36	36 13C5-PFNA	468.2 > 422.9	70942.023	74312.273	0.946	1.000	3.80	12.61	100.90
37	37 13C8-PFOSA	506.1 > 77.7	8381.107	71468.102	0.119	1.000	3.81	12.28	98.20
38	38 13C8-PFOS	507 > 79.9	13372.483	12281.404	1.040	1.000	3.86	13.09	104.71
39	39 13C2-PFDA	515.1 > 469.9	77193.500	82150.508	0.971	1.000	3.98	12.10	96.79
40	40 13C2-8:2 FTS	529.1 > 508.7	7229.254	82150.508	0.140	1.000	3.97	7.84	62.73
41	41 d3-N-MeFOSAA	573.3 > 419	16265.694	71468.102	0.018	1.000	4.01	159.93	98.42
42	42 d5-N-EtFOSAA	589.3 > 419	15390.181	71468.102	0.018	1.000	4.08	147.65	90.86
43	43 13C2-PFUnA	565 > 519.8	72308.617	71468.102	1.085	1.000	4.15	11.65	93.24
44	44 13C2-PFDoA	615 > 569.7	7490.443	71468.102	0.123	1.000	4.31	10.64	85.12
45	45 d3-N-MeFOSA	515.2 > 168.9	38141.996	71468.102	0.043	1.000	4.35	154.19	102.79
46	46 13C2-PFTeDA	714.8 > 669.6	46946.375	71468.102	0.798	1.000	4.66	10.29	82.34
47	47 d5-N-ETFOSA	531.1 > 168.9	50515.012	71468.102	0.056	1.000	4.92	158.68	105.79
48	48 13C2-PFHxDA	815 > 769.7	22851.564	71468.102	0.926	1.000	5.03	4.31	86.28
49	49 d7-N-MeFOSE	623.1 > 58.9	56449.188	71468.102	0.059	1.000	5.39	166.09	110.73
50	50 d9-N-EtFOSE	639.2 > 58.8	56755.750	71468.102	0.059	1.000	5.56	166.89	111.26
51	51 13C4-PFBA	217 > 171.8	19144.523	19144.523	1.000	1.000	1.44	12.50	100.00
52	52 13C5-PFHxA	318 > 272.9	47367.516	47367.516	1.000	1.000	3.16	5.00	100.00
53	53 13C3-PFHxS	401.9 > 79.9	10148.520	10148.520	1.000	1.000	3.50	12.50	100.00
54	54 13C8-PFOA	421.3 > 376	70807.664	70807.664	1.000	1.000	3.62	12.50	100.00
55	55 13C9-PFNA	472.2 > 426.9	74312.273	74312.273	1.000	1.000	3.80	12.50	100.00
56	56 13C4-PFOS	503 > 79.9	12281.404	12281.404	1.000	1.000	3.86	12.50	100.00
57	57 13C6-PFDA	519.1 > 473.7	82150.508	82150.508	1.000	1.000	3.97	12.50	100.00
58	58 13C7-PFUnA	570.1 > 524.8	71468.102	71468.102	1.000	1.000	4.15	12.50	100.00

SD-150
↓

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170816M1.SPL
Last Modified: Wednesday, August 16, 2017 18:45:26 Pacific Daylight Time
Printed: Wednesday, August 16, 2017 18:45:29 Pacific Daylight Time

Page 1 of 8

Page Position (1, 1)

	File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
1	170816M1_1	---	IPA	IPA	1.0000	1:48	Blank
2	170816M1_2	X	ST170816M1-1 PFC CS0 17H1504	PFC CS0 17H1504	1.0000	1:1	Standard
3	170816M1_3	---	IPA	IPA	1.0000	1:48	Blank
4	170816M1_4	XX	B7H0059-BS1 OPR 1	OPR	1.0000	1:3	Analyte
5	170816M1_5	---	IPA	IPA	1.0000	1:48	Blank
6	170816M1_6	O	B7H0058-BLK1 Method Blank 1	Method Blank	1.0000	1:4	Analyte
7	170816M1_7	O	B7H0059-BLK1 Method Blank 1	Method Blank	1.0000	1:5	Analyte
8	170816M1_8	-	B7H0049-BLK1 Method Blank 0.125	Method Blank	0.1250	1:6	Analyte
9	170816M1_9	-	B7H0058-MS1 Matrix Spike 1.04	Matrix Spike	1.0400	1:7	Analyte
10	170816M1_10	-	B7H0058-MSD1 Matrix Spike Dup 1.04	Matrix Spike Dup	1.0400	1:8	Analyte
11	170816M1_11	-	B7H0058-MS2 Matrix Spike 1.09	Matrix Spike	1.0900	1:9	Analyte
12	170816M1_12	-	B7H0058-MSD2 Matrix Spike Dup 1.08	Matrix Spike Dup	1.0800	1:10	Analyte
13	170816M1_13	X	B7H0059-MS1 Matrix Spike 3.59	Matrix Spike	3.5900	1:11	Analyte
14	170816M1_14	-	B7H0059-MSD1 Matrix Spike Dup 3.58	Matrix Spike Dup	3.5800	1:12	Analyte
15	170816M1_15	-	1700973-05@5X MATPXX127b 0.125	MATPXX127b	0.1147	1:13	Analyte
16	170816M1_16	---	IPA	IPA	1.0000	1:48	Blank
17	170816M1_17	O	1700973-06 MATP04054b 0.125	MATP04054b	0.1154	1:14	Analyte
18	170816M1_18	---	IPA	IPA	1.0000	1:48	Blank
19	170816M1_19	---	1700973-06@20X MATP04054b 0.125	MATP04054b	0.1154	1:15	Analyte
20	170816M1_20	---	IPA	IPA	1.0000	1:48	Blank
21	170816M1_21	XX	1700973-07 MATPXX133b 0.125	MATPXX133b	0.1182	1:16	Analyte
22	170816M1_22	O	1700974-09 MATP04052 0.125	MATP04052	0.1250	1:17	Analyte
23	170816M1_23	-	1700979-01 MATP01014 1.02	MATP01014	1.0014	1:18	Analyte
24	170816M1_24	-	1700979-02 MATP01015 1.26	MATP01015	1.0103	1:19	Analyte
25	170816M1_25	-	1700979-04 MATP01018 1.35	MATP01018	1.0184	1:20	Analyte
26	170816M1_26	-	1700979-05 MATP01019 1.07	MATP01019	1.0027	1:21	Analyte
27	170816M1_27	-	1700979-06 MATP01021 1.05	MATP01021	1.0000	1:22	Analyte
28	170816M1_28	---	IPA	IPA	1.0000	1:48	Blank
29	170816M1_29	X	ST170816M1-1 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:2	Standard
30	170816M1_30	---	IPA	IPA	1.0000	1:48	Blank
31	170816M1_31	-	1700979-08 MATP01023 1.15	MATP01023	1.0134	1:23	Analyte
32	170816M1_32	-	1700979-09 MATP01025 1.04	MATP01025	1.0017	1:24	Analyte
33	170816M1_33	XX	1700979-10 MATP01026 1.14	MATP01026	0.9849	1:25	Analyte
34	170816M1_34	-	1700979-12 MATP01029 1.11	MATP01029	1.0064	1:26	Analyte
35	170816M1_35	-	1700979-13 MATP01030 1.11	MATP01030	1.0081	1:27	Analyte
36	170816M1_36	-	1700979-15 MATP01033 1.12	MATP01033	1.0152	1:28	Analyte
37	170816M1_37	-	1700978-01 MATP01035 1.04	MATP01035	1.0136	1:29	Analyte
38	170816M1_38	-	1700978-02 MATP01036 1.07	MATP01036	0.9801	1:30	Analyte
39	170816M1_39	-	1700978-03 MATP03042 1.16	MATP03042	0.9903	1:31	Analyte
40	170816M1_40	-	1700978-04 MATP03043 1.19	MATP03043	1.0054	1:32	Analyte

Work Order 1701023
Added to adjust windows. em 8/19/17

em 8/16/17

Page 186 of 338

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170816M1.SPL
 Last Modified: Wednesday, August 16, 2017 18:45:26 Pacific Daylight Time
 Printed: Wednesday, August 16, 2017 18:45:29 Pacific Daylight Time

Page 3 of 8

Page Position (1, 2)

	File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
41	170816M1_41	---	IPA	IPA	1.0000	1:48	Blank
42	170816M1_42	X	ST170816M1-4 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:2	Standard
43	170816M1_43	---	IPA	IPA	1.0000	1:48	Blank
44	170816M1_44	-	1700978-06 MATP04056 1.18	MATP04056	1.0090	1:33	Analyte
45	170816M1_45	-	1700978-08 MATP04058 1.14	MATP04058	1.0109	1:34	Analyte
46	170816M1_46	-	1700978-10 MATP10122 1.12	MATP10122	0.9912	1:35	Analyte
47	170816M1_47	-	1700992-03 MATP09109 2.44	MATP09109	1.0051	1:36	Analyte
48	170816M1_48	-	1700992-04 MATP09110 2.64	MATP09110	1.0083	1:37	Analyte
49	170816M1_49	-	1700992-06 MATP09112 1.22	MATP09112	0.9915	1:38	Analyte
50	170816M1_50	-	1700992-07 MATP08106 3.58	MATP08106	1.0000	1:39	Analyte
51	170816M1_51	-	1700983-12 BANGR-EB-002-073117 0.114	BANGR-EB-002-073117	0.1140	1:40	Analyte
52	170816M1_52	-	1700985-04 06302840007300_2017 0.11911	06302840007300_2017	0.1191	1:41	Analyte
53	170816M1_53	-	1700985-10 06302720003200_2017 0.11612	06302720003200_2017	0.1161	1:42	Analyte
54	170816M1_54	---	IPA	IPA	1.0000	1:48	Blank
55	170816M1_55	X	ST170816M1-5 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:2	Standard
56	170816M1_56	---	IPA	IPA	1.0000	1:48	Blank
57	170816M1_57	-	1700985-11 06302840007100_2017 0.11872	06302840007100_2017	0.1187	1:43	Analyte
58	170816M1_58	-	1700985-16 064P5000001200_2017 0.19171	064P5000001200_2017	0.1917	1:44	Analyte
59	170816M1_59	-	1700985-17 4346F41A_2017 0.12012	4346F41A_2017	0.1201	1:45	Analyte
60	170816M1_60	-	1700985-18 4346F41B_2017 0.11602	4346F41B_2017	0.1160	1:46	Analyte
61	170816M1_61	-	1700977-01 Mill Road Tank 0.11953	Mill Road Tank	0.1195	1:47	Analyte
62	170816M1_62	-	1700977-03 Field Blank at Well 6 0.11886	Field Blank at Well 6	0.1189	2:1	Analyte
63	170816M1_63	-	1700977-04 Well 5a 0.11959	Well 5a	0.1196	2:2	Analyte
64	170816M1_64	-	1700977-05 Well 6 0.11926	Well 6	0.1193	2:3	Analyte
65	170816M1_65	-	1700977-06 Well 7 0.11627	Well 7	0.1163	2:4	Analyte
66	170816M1_66	-	1700992-01 MATP09108 0.11116	MATP09108	0.1112	2:5	Analyte
67	170816M1_67	-	1700995-08 BANGR-12-SW02-080317 0.08828	BANGR-12-SW02-080317	0.0883	2:6	Analyte
68	170816M1_68	-	1700995-10 BANGR-EB-005-080317 0.11995	BANGR-EB-005-080317	0.1200	2:7	Analyte
69	170816M1_69	-	1700995-11 BANGR-EB-006-080317 0.11834	BANGR-EB-006-080317	0.1183	2:8	Analyte
70	170816M1_70	---	IPA	IPA	1.0000	1:48	Blank
71	170816M1_71	X	ST170816M1-6 PFC CS0 17H1601	PFC CS0 17H1601	1.0000	1:1	Standard
72	170816M1_72	---	IPA	IPA	1.0000	1:48	Blank
73	170816M1_73	X	B7H0066-BS1 OPR 0.125	OPR	0.1250	2:9	Analyte
74	170816M1_74	X	B7H0069-BS1 OPR 0.25	OPR	0.2500	2:10	Analyte
75	170816M1_75	---	IPA	IPA	1.0000	1:48	Blank
76	170816M1_76	X	B7H0066-BLK1 Method Blank 0.125	Method Blank	0.1250	2:11	Analyte
77	170816M1_77	-	B7H0069-BLK1 Method Blank 0.25	Method Blank	0.2500	2:12	Analyte
78	170816M1_78	X	B7H0066-MS1 Matrix Spike 0.11555	Matrix Spike	0.1156	2:13	Analyte
79	170816M1_79	X	B7H0066-MSD1 Matrix Spike Dup 0.11567	Matrix Spike Dup	0.1157	2:14	Analyte
80	170816M1_80	X	B7H0066-MS2 Matrix Spike 0.11836	Matrix Spike	0.1184	2:15	Analyte

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170816M1.SPL
 Last Modified: Wednesday, August 16, 2017 18:45:26 Pacific Daylight Time
 Printed: Wednesday, August 16, 2017 18:45:29 Pacific Daylight Time

Page 5 of 8

Page Position (1, 3)

	File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
81	170816M1_81	X	B7H0066-MSD2 Matrix Spike Dup 0.11729	Matrix Spike Dup	0.1173	2:16	Analyte
82	170816M1_82	-	B7H0069-MS1 Matrix Spike 0.1193	Matrix Spike	0.1193	2:17	Analyte
83	170816M1_83	X	B7H0069-MSD1 Matrix Spike Dup 0.11433	Matrix Spike Dup	0.1143	2:18	Analyte
84	170816M1_84	X	1701011-01 06302140000900_2017 0.11617	06302140000900_2017	0.1162	2:19	Analyte
85	170816M1_85	X	1701011-02 06302140002050_2017 0.11859	06302140002050_2017	0.1186	2:20	Analyte
86	170816M1_86	X	1701011-03 06302140002100_2017 0.11904	06302140002100_2017	0.1190	2:21	Analyte
87	170816M1_87	X	1701011-04 06302810002200_2017 0.11477	06302810002200_2017	0.1148	2:22	Analyte
88	170816M1_88	X	1701011-05 064W5000002700_2017 0.11543	064W5000002700_2017	0.1154	2:23	Analyte
89	170816M1_89	X	1701011-06 FD-01 0.12004	FD-01	0.1200	2:24	Analyte
90	170816M1_90	X	1701011-07 FD-02 0.11727	FD-02	0.1173	2:25	Analyte
91	170816M1_91	X	1701011-08 06302130001200_2017 0.12215	06302130001200_2017	0.1221	2:26	Analyte
92	170816M1_92	X	1701011-09 06302130001400A_2017 0.12023	06302130001400A_2017	0.1202	2:27	Analyte
93	170816M1_93	X	1701011-10 06302810001500_B_2017 0.11695	06302810001500_B_2017	0.1170	2:28	Analyte
94	170816M1_94	---	IPA	IPA	1.0000	1:48	Blank
95	170816M1_95	X	ST170816M1-7 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:2	Analyte
96	170816M1_96	---	IPA	IPA	1.0000	1:48	Blank
97	170816M1_97	X	1701011-11 6302840007000_2017 0.11166	6302840007000_2017	0.1117	2:29	Analyte
98	170816M1_98	X	1701011-12 FD-03 0.11337	FD-03	0.1134	2:30	Analyte
99	170816M1_99	X	1701011-13 FD-04 0.12051	FD-04	0.1205	2:31	Analyte
100	170816M1_100	X	1701011-14 FD-05 0.11946	FD-05	0.1195	2:32	Analyte
101	170816M1_101	X	1701011-15 06302720002300_2017 0.11523	06302720002300_2017	0.1152	2:33	Analyte
102	170816M1_102	X	1701011-16 06302720002500_2017-C 0.10939	06302720002500_2017-C	0.1094	2:34	Analyte
103	170816M1_103	X	1701011-17 06302720002800_2017 0.11111	06302720002800_2017	0.1111	2:35	Analyte
104	170816M1_104	X	1701011-18 06302810001500_A_2017 0.11512	06302810001500_A_2017	0.1151	2:36	Analyte
105	170816M1_105	X	1701011-19 Tr-Prk-Pub-Well-1_2017 0.11801	Tr-Prk-Pub-Well-1_2017	0.1180	2:37	Analyte
106	170816M1_106	X	1701011-20 Tr-Prk-Pub-Well-2_2017 0.11847	Tr-Prk-Pub-Well-2_2017	0.1185	2:38	Analyte
107	170816M1_107	---	IPA	IPA	1.0000	1:48	Blank
108	170816M1_108	X	ST170816M1-8 PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:2	Analyte
109	170816M1_109	---	IPA	IPA	1.0000	1:48	Blank
110	170816M1_110	X	1701013-01 06302720002600_2017 0.11643	06302720002600_2017	0.1164	2:39	Analyte
111	170816M1_111	X	1701013-02 06302720002900_2017 0.11676	06302720002900_2017	0.1168	2:40	Analyte
112	170816M1_112	X	1701013-03 06302810000600_2017 0.12244	06302810000600_2017	0.1224	2:41	Analyte
113	170816M1_113	X	1701013-04 064A3000000100_2017 0.1166	064A3000000100_2017	0.1166	2:42	Analyte
114	170816M1_114	X	1701013-05 064A3500005900_2017 0.12037	064A3500005900_2017	0.1204	2:43	Analyte
115	170816M1_115	X	1701013-06 5673_F41_2017 0.12174	5673_F41_2017	0.1217	2:44	Analyte
116	170816M1_116	X	1701013-07 06302140002250_2017 0.12148	06302140002250_2017	0.1215	2:45	Analyte
117	170816M1_117	X	1701013-08 06302810001010_2017 0.1142	06302810001010_2017	0.1142	2:46	Analyte
118	170816M1_118	X	1701013-09 064P5000001700_2017 0.12061	064P5000001700_2017	0.1206	2:47	Analyte
119	170816M1_119	X	1701013-10 064V5000000200_2017 0.11516	064V5000000200_2017	0.1152	2:48	Analyte
120	170816M1_120	---	IPA	IPA	1.0000	1:48	Blank

Work Order 1701023

Page 188 of 338

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170816M1.SPL
Last Modified: Wednesday, August 16, 2017 18:45:26 Pacific Daylight Time
Printed: Wednesday, August 16, 2017 18:45:29 Pacific Daylight Time

Page 7 of 8

Page Position (1, 4)

File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
121 170816M1_121	X	ST170816M1- ⁶ PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:2	Analyte
122 170816M1_122	---	IPA	IPA	1.0000	1:48	Blank
123 170816M1_123	X	1701013-11 LabDI_2017 0.11964	LabDI_2017	0.1196	1:3	Analyte
124 170816M1_124	X	1701022-01 Lagoon (420-124769-1) 0.24019	Lagoon (420-124769-1)	0.2402	1:4	Analyte
125 170816M1_125	X	B7H0097-BS1 OPR 1	OPR	1.0000	1:5	Analyte
126 170816M1_126	---	IPA	IPA	1.0000	1:48	Blank
127 170816M1_127	X	B7H0097-BLK1 Method Blank 1	Method Blank	1.0000	1:6	Analyte
128 170816M1_128	X	1700800-01 0032	0032	1.0000	1:7	Analyte
129 170816M1_129	---	IPA	IPA	1.0000	1:48	Blank
130 170816M1_130	X	ST170816M1- ⁶ PFC CS3 17H1505	PFC CS3 17H1505	1.0000	1:2	Analyte
131 170816M1_131	X	IPA	IPA	1.0000	1:48	Analyte
132 170816M1_132	X	TOPA A	TOPA A	1.0000	1:8	Analyte
133 170816M1_133	X	TOPA B	TOPA B	1.0000	1:9	Analyte
134 170816M1_134	X	170816_Slow	170816_Slow	1.0000	1:10	Analyte
135 170816M1_135	X	170816_Reg	170816_Reg	1.0000	1:11	Analyte
136 170816M1_136	X	170817_Fast	170817_Fast	1.0000	1:12	Analyte
137 170816M1_137	X	170816_Turbo	170816_Turbo	1.0000	1:13	Analyte
138 170816M1_138	X	50%DCM 50%HEX	50%DCM 50%HEX	1.0000	1:14	Analyte
139 170816M1_139	X	60%DCM 40%HEX	60%DCM 40%HEX	1.0000	1:15	Analyte
140 170816M1_140	X	75%DCM 25%HEX	75%DCM 25%HEX	1.0000	1:16	Analyte
141 170816M1_141	---	IPA	IPA	1.0000	1:48	Blank

Dataset: U:\Q4.PRO\results\170816M1\170816M1-95.qld

Last Altered: Thursday, August 17, 2017 09:03:25 Pacific Daylight Time

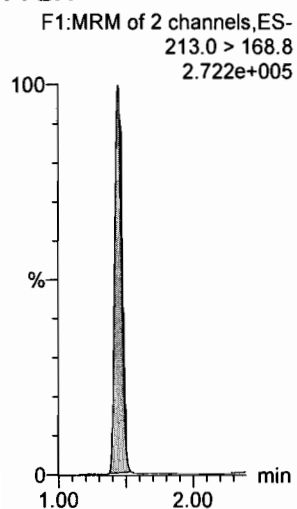
Printed: Thursday, August 17, 2017 09:03:50 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-16-17.mdb 16 Aug 2017 09:43:48

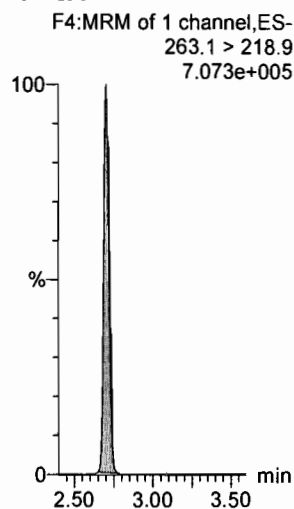
Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170816M1_95, Date: 17-Aug-2017, Time: 05:05:00, ID: ST170816M1-6 PFC CS3 17H1505, Description: PFC CS3 17H1505

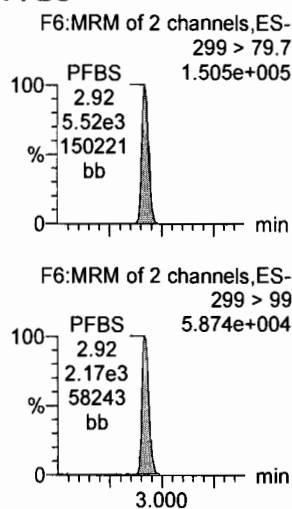
PFBA



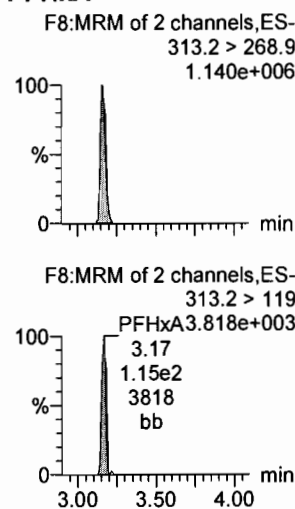
PFPeA



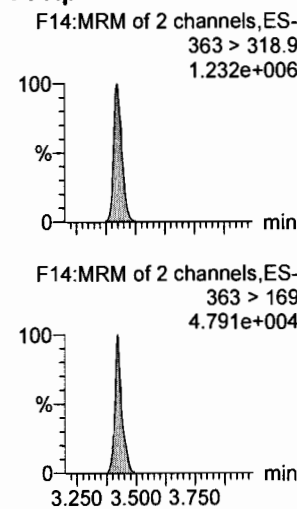
PFBS



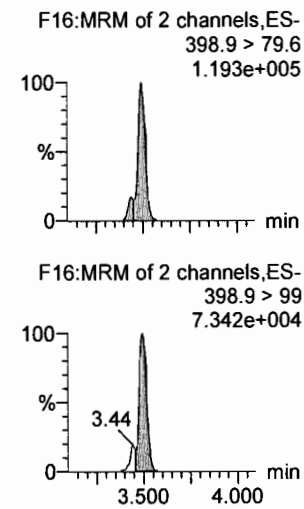
PFHxA



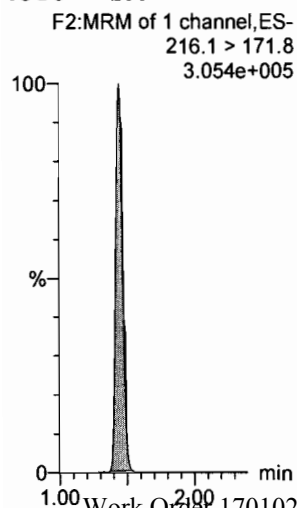
PFHpA



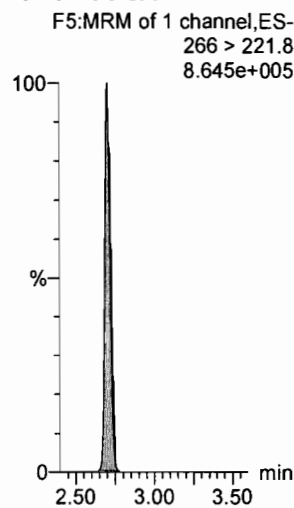
PFHxS



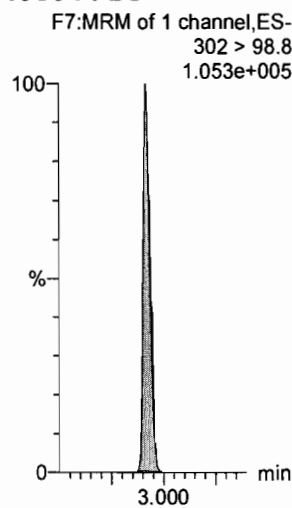
13C3-PFBA



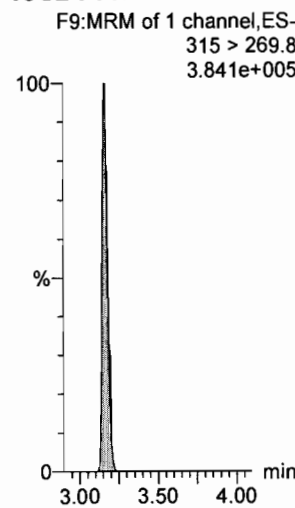
13C3-PFPeA



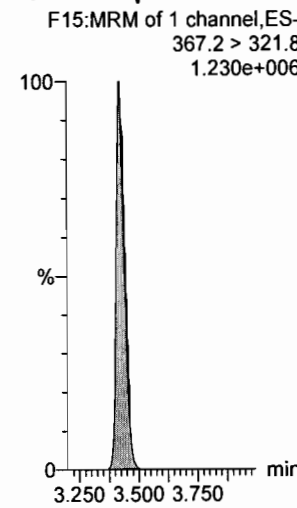
13C3-PFBS



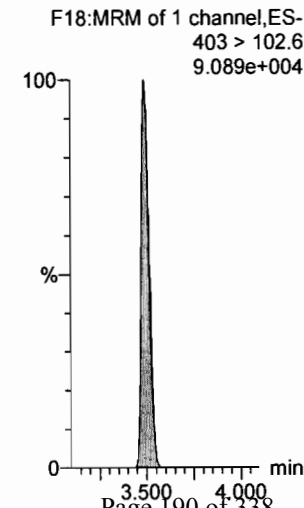
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



Dataset: U:\Q4.PRO\results\170816M1\170816M1-95.qld

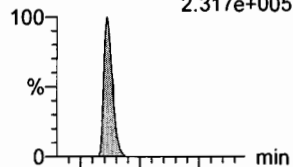
Last Altered: Thursday, August 17, 2017 09:03:25 Pacific Daylight Time

Printed: Thursday, August 17, 2017 09:03:50 Pacific Daylight Time

Name: 170816M1_95, Date: 17-Aug-2017, Time: 05:05:00, ID: ST170816M1-6 PFC CS3 17H1505, Description: PFC CS3 17H1505

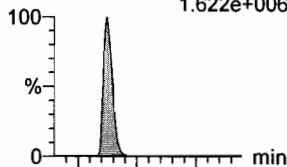
6:2 FTS

F22:MRM of 2 channels,ES-
427.1 > 407
2.317e+005



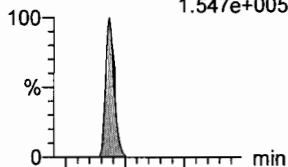
PFOA

F19:MRM of 2 channels,ES-
413 > 368.7
1.622e+006



PFHpS

F24:MRM of 4 channels,ES-
448.9 > 98.8
1.547e+005



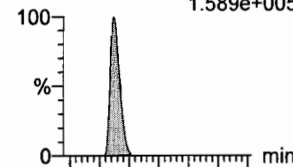
PFNA

F25:MRM of 2 channels,ES-
462.9 > 418.8
1.392e+006



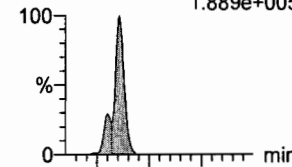
PFOSA

F28:MRM of 2 channels,ES-
498.1 > 77.8
1.589e+005

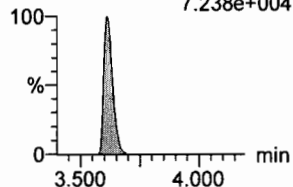


PFOS

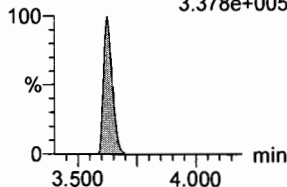
F30:MRM of 2 channels,ES-
499 > 79.9
1.889e+005



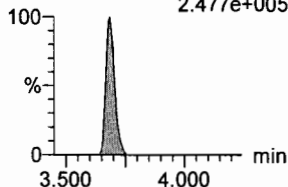
F22:MRM of 2 channels,ES-
427.1 > 80
7.238e+004



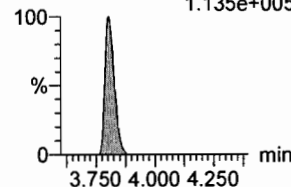
F19:MRM of 2 channels,ES-
413 > 169
3.378e+005



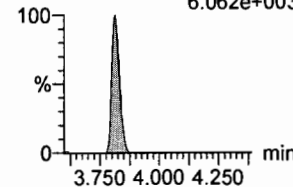
F24:MRM of 4 channels,ES-
448.9 > 79.9
2.477e+005



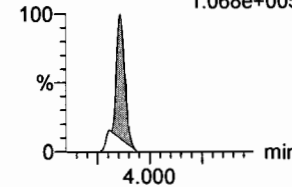
F25:MRM of 2 channels,ES-
462.9 > 219
1.135e+005



F28:MRM of 2 channels,ES-
498.1 > 478
6.062e+003

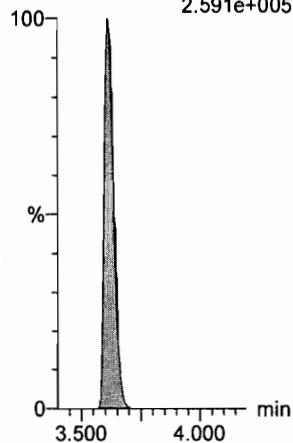


F30:MRM of 2 channels,ES-
499 > 99
1.068e+005



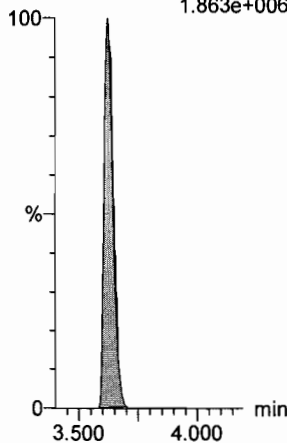
13C2-6:2 FTS

F23:MRM of 1 channel,ES-
429.1 > 408.9
2.591e+005



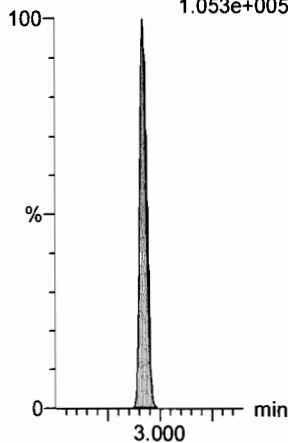
13C2-PFOA

F20:MRM of 1 channel,ES-
414.9 > 369.7
1.863e+006



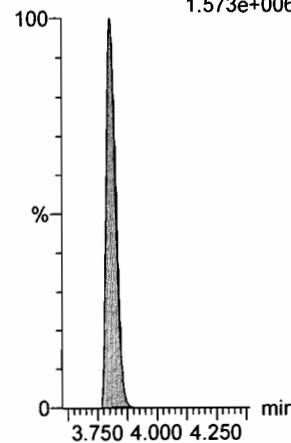
13C3-PFBS

F7:MRM of 1 channel,ES-
302 > 98.8
1.053e+005



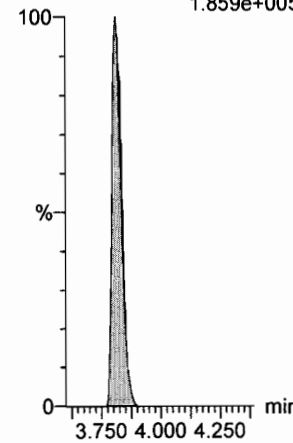
13C5-PFNA

F26:MRM of 1 channel,ES-
468.2 > 422.9
1.573e+006



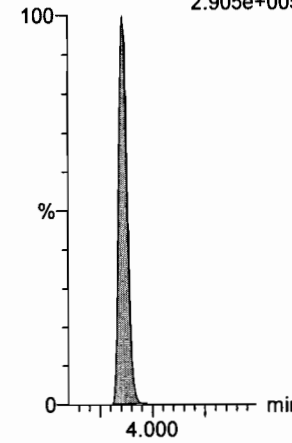
13C8-PFOSA

F32:MRM of 1 channel,ES-
506.1 > 77.7
1.859e+005



13C8-PFOS

F33:MRM of 1 channel,ES-
507 > 79.9
2.905e+005



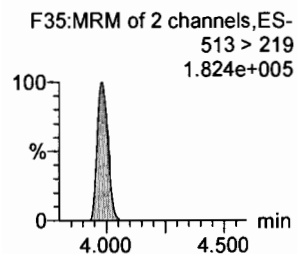
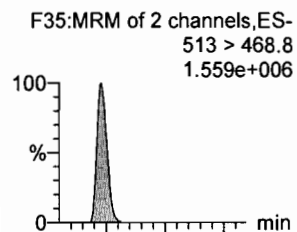
Dataset: U:\Q4.PRO\results\170816M1\170816M1-95.qld

Last Altered: Thursday, August 17, 2017 09:03:25 Pacific Daylight Time

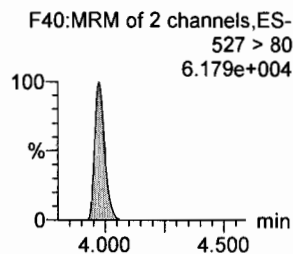
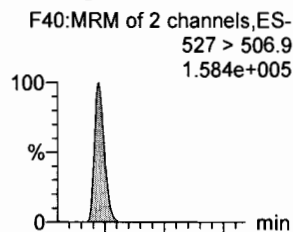
Printed: Thursday, August 17, 2017 09:03:50 Pacific Daylight Time

Name: 170816M1_95, Date: 17-Aug-2017, Time: 05:05:00, ID: ST170816M1-6 PFC CS3 17H1505, Description: PFC CS3 17H1505

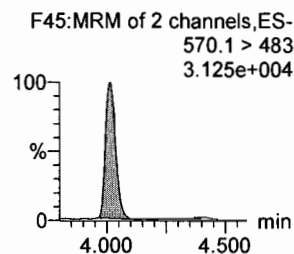
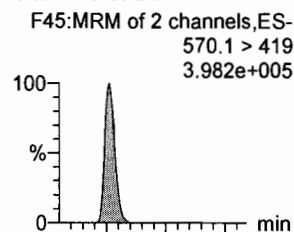
PFDA



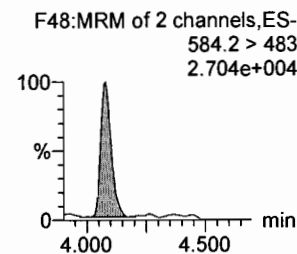
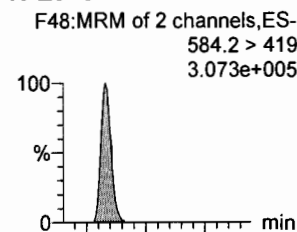
8:2 FTS



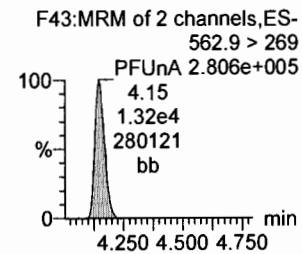
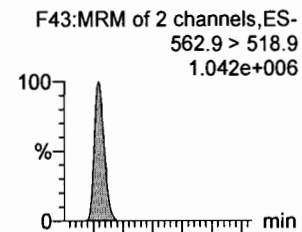
N-MeFOSAA



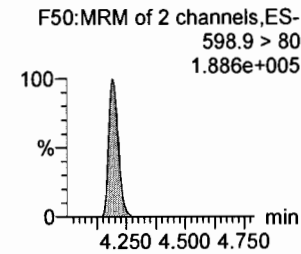
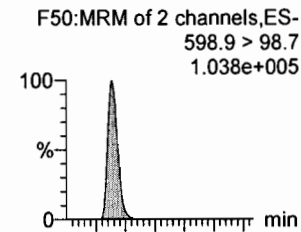
N-EtFOSAA



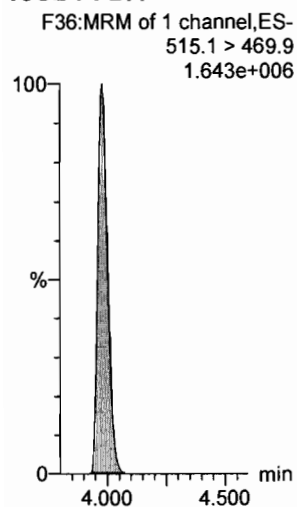
PFUnA



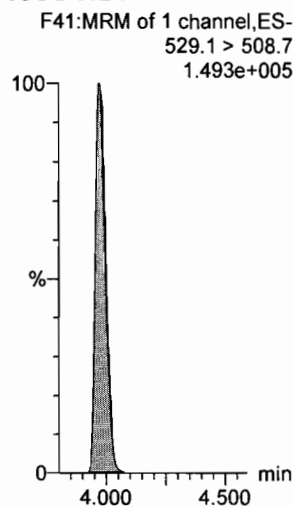
PFDS



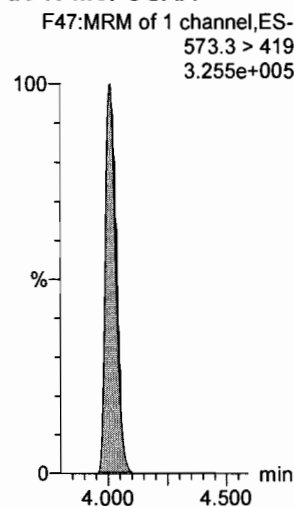
13C2-PFDA



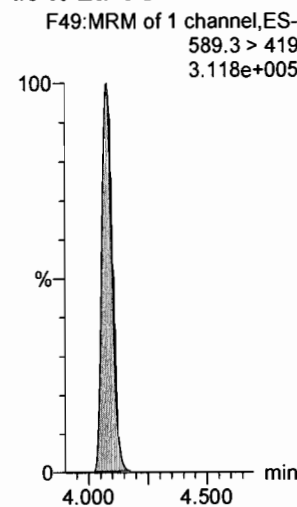
13C2-8:2 FTS



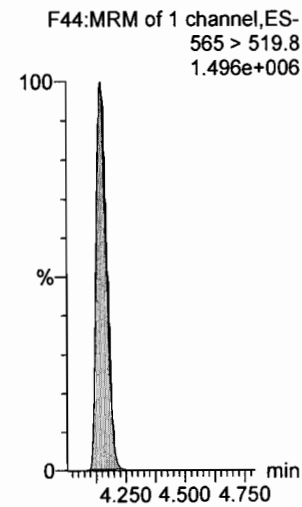
d3-N-MeFOSAA



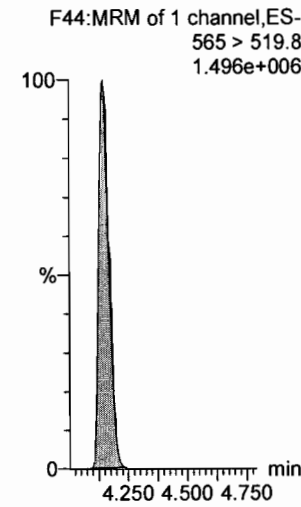
d5-N-EtFOSAA



13C2-PFUnA



13C2-PFUnA

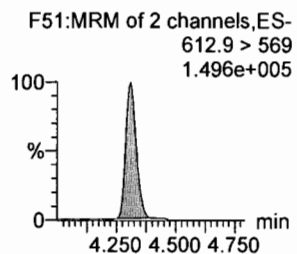
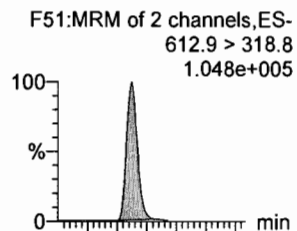


Dataset: U:\Q4.PRO\results\170816M1\170816M1-95.qld

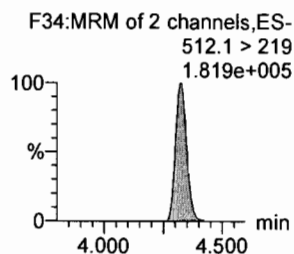
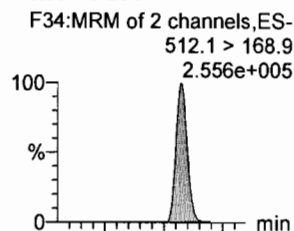
Last Altered: Thursday, August 17, 2017 09:03:25 Pacific Daylight Time
Printed: Thursday, August 17, 2017 09:03:50 Pacific Daylight Time

Name: 170816M1_95, Date: 17-Aug-2017, Time: 05:05:00, ID: ST170816M1-6 PFC CS3 17H1505, Description: PFC CS3 17H1505

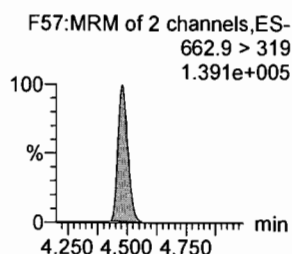
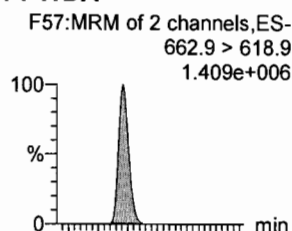
PFDaA



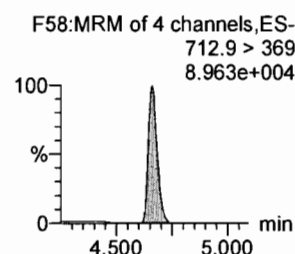
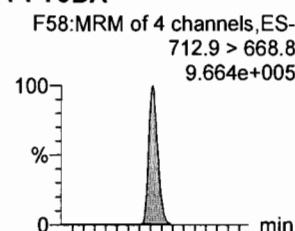
N-MeFOSA



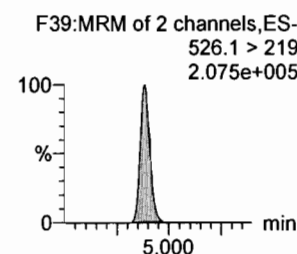
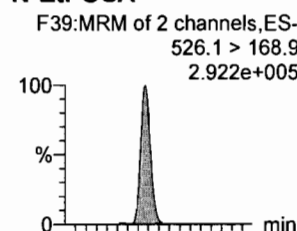
PFTTrDA



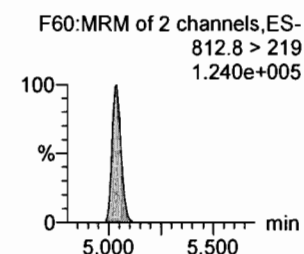
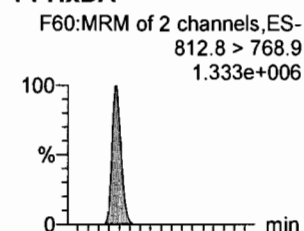
PFTeDA



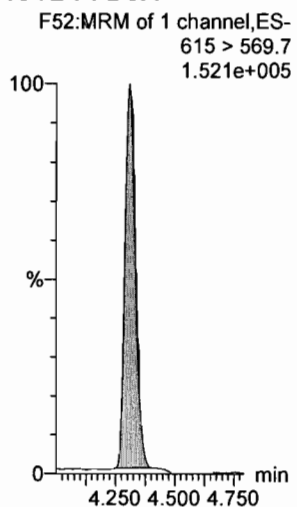
N-EtFOSA



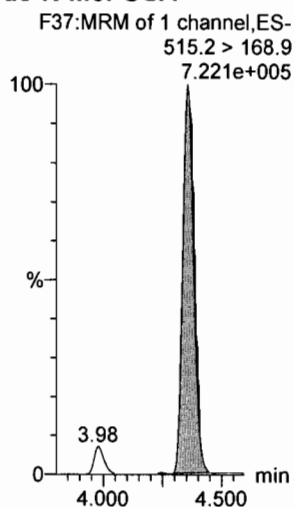
PFHxDA



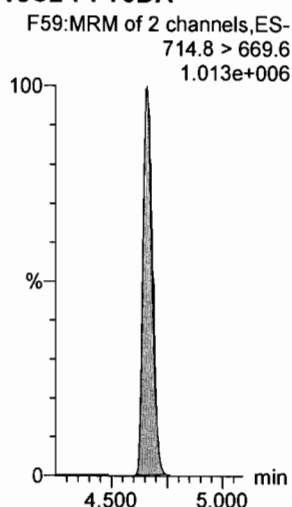
13C2-PFDaA



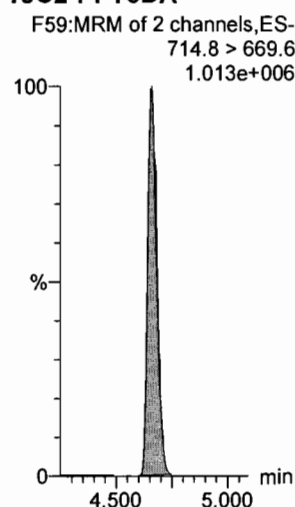
d3-N-MeFOSA



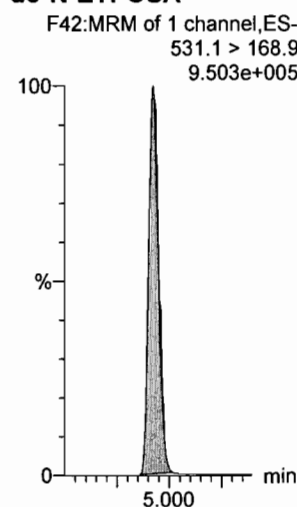
13C2-PFTeDA



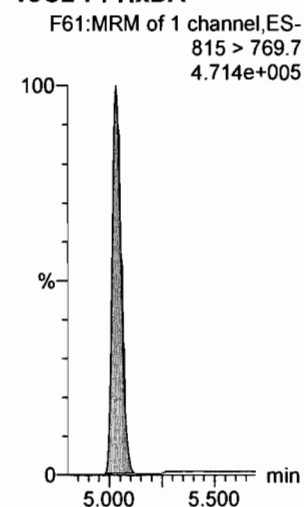
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



Dataset: U:\Q4.PRO\results\170816M1\170816M1-95.qld

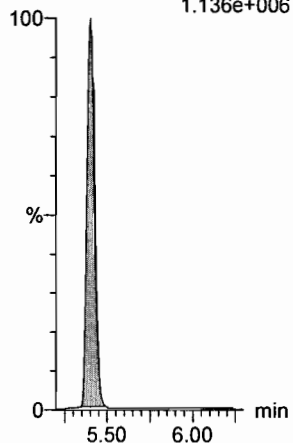
Last Altered: Thursday, August 17, 2017 09:03:25 Pacific Daylight Time

Printed: Thursday, August 17, 2017 09:03:50 Pacific Daylight Time

Name: 170816M1_95, Date: 17-Aug-2017, Time: 05:05:00, ID: ST170816M1-6 PFC CS3 17H1505, Description: PFC CS3 17H1505

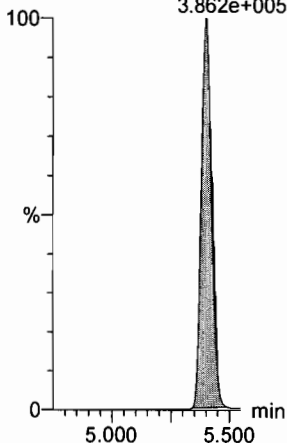
PFODA

F62:MRM of 4 channels,ES-
912.8 > 868.8
1.136e+006



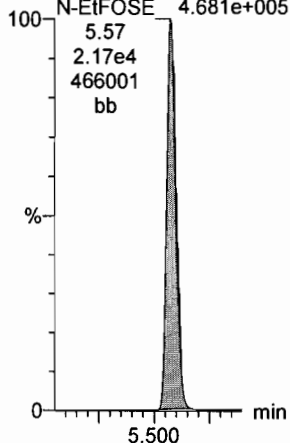
N-MeFOSE

F53:MRM of 1 channel,ES-
616.1 > 58.9
3.862e+005



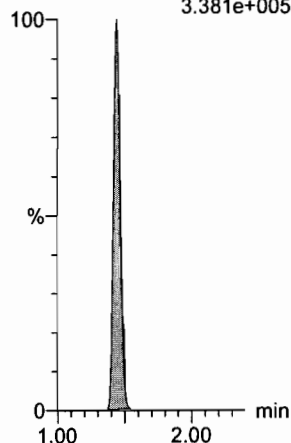
N-EtFOSE

F55:MRM of 1 channel,ES-
630.1 > 58.9
4.681e+005



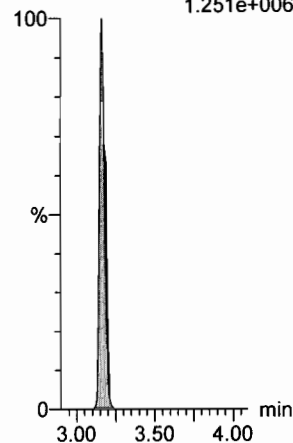
13C4-PFBA

F3:MRM of 1 channel,ES-
217 > 171.8
3.381e+005



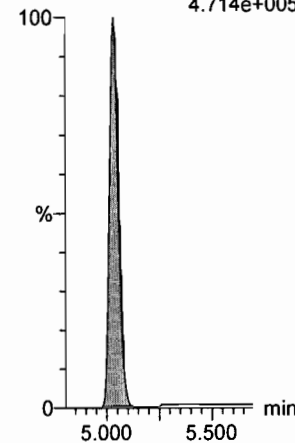
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
1.251e+006



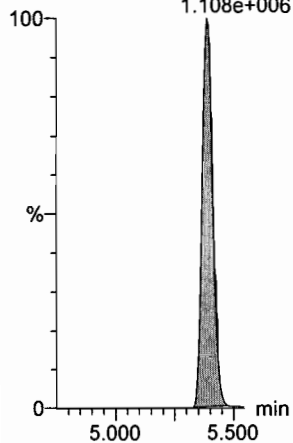
13C2-PFHxDA

F61:MRM of 1 channel,ES-
815 > 769.7
4.714e+005



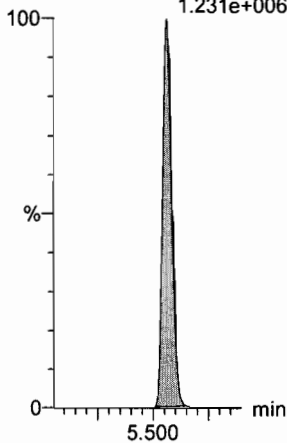
d7-N-MeFOSE

F54:MRM of 1 channel,ES-
623.1 > 58.9
1.108e+006



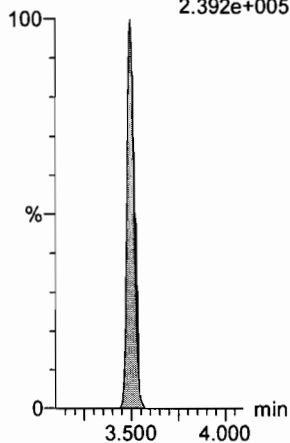
d9-N-EtFOSE

F56:MRM of 1 channel,ES-
639.2 > 58.8
1.231e+006



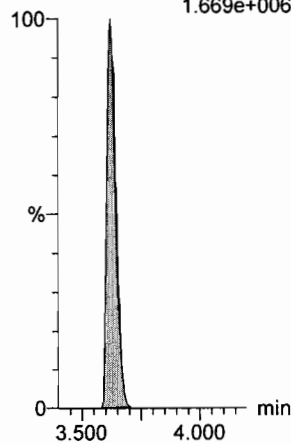
13C3-PFHxS

F17:MRM of 1 channel,ES-
401.9 > 79.9
2.392e+005



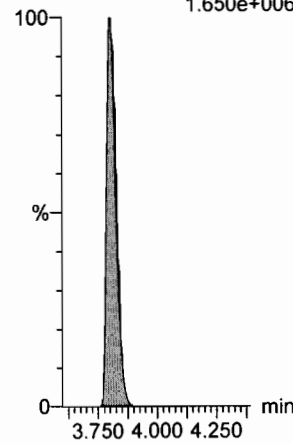
13C8-PFOA

F21:MRM of 1 channel,ES-
421.3 > 376
1.669e+006



13C9-PFNA

F27:MRM of 1 channel,ES-
472.2 > 426.9
1.650e+006



Dataset: U:\Q4.PRO\results\170816M1\170816M1-95.qld

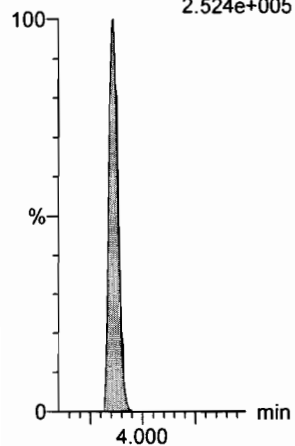
Last Altered: Thursday, August 17, 2017 09:03:25 Pacific Daylight Time

Printed: Thursday, August 17, 2017 09:03:50 Pacific Daylight Time

Name: 170816M1_95, Date: 17-Aug-2017, Time: 05:05:00, ID: ST170816M1-6 PFC CS3 17H1505, Description: PFC CS3 17H1505

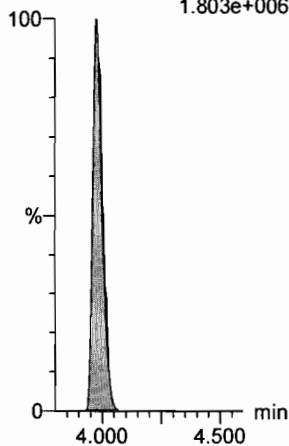
13C4-PFOS

F31:MRM of 1 channel,ES-
503 > 79.9
2.524e+005



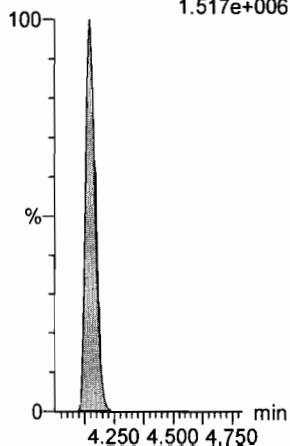
13C6-PFDA

F38:MRM of 1 channel,ES-
519.1 > 473.7
1.803e+006



13C7-PFUnA

F46:MRM of 1 channel,ES-
570.1 > 524.8
1.517e+006



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

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:31:51 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-10-17.mdb 11 Aug 2017 08:55:25

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Compound name: PFBA

Coefficient of Determination: $R^2 = 0.999558$

Calibration curve: $-0.000132012 * x^2 + 1.09237 * x + 0.0597566$

Response type: Internal Std (Ref 28), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

AM 8/11/17

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 170810M2_2	Standard	0.250	1.92	424.371	15542.773	0.341	0.3	3.1	NO	1.000	NO	bb
2	2 170810M2_3	Standard	0.500	1.92	754.429	15666.696	0.602	0.5	-0.7	NO	1.000	NO	bb
3	3 170810M2_4	Standard	1.000	1.92	1618.036	16473.561	1.228	1.1	6.9	NO	1.000	NO	bb
4	4 170810M2_5	Standard	2.000	1.92	2982.913	15767.530	2.365	2.1	5.5	NO	1.000	NO	bb
5	5 170810M2_6	Standard	5.000	1.91	7409.122	16464.104	5.625	5.1	2.0	NO	1.000	NO	bb
6	6 170810M2_7	Standard	10.000	1.91	14834.788	16369.950	11.328	10.3	3.3	NO	1.000	NO	bb
7	7 170810M2_8	Standard	50.000	1.92	71756.844	16361.661	54.821	50.4	0.9	NO	1.000	NO	bb
8	8 170810M2_9	Standard	100.000	1.91	168270.703	18859.416	111.530	103.3	3.3	NO	1.000	NO	bb
9	9 170810M2_10	Standard	250.000	1.91	386171.219	18778.650	257.055	242.4	-3.1	NO	1.000	NO	bb
10	10 170810M2_11	Standard	500.000	1.90	760893.688	18418.195	516.401	503.3	0.7	NO	1.000	NO	bb

Compound name: PFPeA

Correlation coefficient: $r = 0.999003$, $r^2 = 0.998007$

Calibration curve: $0.943317 * x + 0.117613$

Response type: Internal Std (Ref 29), 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 170810M2_2	Standard	0.250	2.95	653.409	27880.619	0.293	0.2	-25.7	NO	0.998	NO	bb
2	2 170810M2_3	Standard	0.500	2.96	1172.739	28322.555	0.518	0.4	-15.2	NO	0.998	NO	bb
3	3 170810M2_4	Standard	1.000	2.95	2464.434	28875.371	1.067	1.0	0.6	NO	0.998	NO	bb
4	4 170810M2_5	Standard	2.000	2.95	4911.096	27712.795	2.215	2.2	11.2	NO	0.998	NO	bb
5	5 170810M2_6	Standard	5.000	2.95	12193.369	29315.059	5.199	5.4	7.7	NO	0.998	NO	bb
6	6 170810M2_7	Standard	10.000	2.96	24281.596	29802.102	10.185	10.7	6.7	NO	0.998	NO	bb
7	7 170810M2_8	Standard	50.000	2.95	116934.664	28667.293	50.988	53.9	7.9	NO	0.998	NO	bb
8	8 170810M2_9	Standard	100.000	2.95	277388.313	33506.395	103.483	109.6	9.6	NO	0.998	NO	bb
9	9 170810M2_10	Standard	250.000	2.94	605455.688	32021.633	236.346	250.4	0.2	NO	0.998	NO	bb

Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:31:51 Pacific Daylight Time

Compound name: PFPeA

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
10	10 170810M2_11	Standard	500.000	2.94	1128645.625	30833.635	457.555	484.9	-3.0	NO	0.998	NO	bb

Compound name: PFBS

Correlation coefficient: $r = 0.999068$, $r^2 = 0.998137$ Calibration curve: $1.7128 * x + 0.180452$

Response type: Internal Std (Ref 30), 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 170810M2_2	Standard	0.250	3.11	130.566	3242.905	0.503	0.2	-24.6	NO	0.998	NO	MM
2	2 170810M2_3	Standard	0.500	3.11	260.774	3291.404	0.990	0.5	-5.4	NO	0.998	NO	bb
3	3 170810M2_4	Standard	1.000	3.11	535.091	3435.015	1.947	1.0	3.1	NO	0.998	NO	bb
4	4 170810M2_5	Standard	2.000	3.12	1039.628	3373.359	3.852	2.1	7.2	NO	0.998	NO	bb
5	5 170810M2_6	Standard	5.000	3.12	2403.595	3305.415	9.090	5.2	4.0	NO	0.998	NO	bb
6	6 170810M2_7	Standard	10.000	3.12	5112.701	3622.048	17.644	10.2	2.0	NO	0.998	NO	bb
7	7 170810M2_8	Standard	50.000	3.11	25072.861	3433.760	91.273	53.2	6.4	NO	0.998	NO	bb
8	8 170810M2_9	Standard	100.000	3.11	56239.211	3757.638	187.083	109.1	9.1	NO	0.998	NO	bb
9	9 170810M2_10	Standard	250.000	3.10	124185.078	3568.171	435.045	253.9	1.6	NO	0.998	NO	bb
10	10 170810M2_11	Standard	500.000	3.10	218811.797	3303.260	828.015	483.3	-3.3	NO	0.998	NO	bb

Compound name: PFHxA

Correlation coefficient: $r = 0.997990$, $r^2 = 0.995984$ Calibration curve: $1.26213 * x + 0.638423$

Response type: Internal Std (Ref 31), 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 170810M2_2	Standard	0.250	3.32	973.456	11232.063	0.433			NO	0.996	NO	bbXI
2	2 170810M2_3	Standard	0.500	3.32	1845.170	11474.060	0.804	0.1	-73.8	NO	0.996	NO	bbX
3	3 170810M2_4	Standard	1.000	3.33	3912.146	12197.214	1.604	0.8	-23.5	NO	0.996	NO	bb
4	4 170810M2_5	Standard	2.000	3.32	7263.097	12310.407	2.950	1.8	-8.4	NO	0.996	NO	bb
5	5 170810M2_6	Standard	5.000	3.32	18200.357	12691.323	7.170	5.2	3.5	NO	0.996	NO	bb
6	6 170810M2_7	Standard	10.000	3.32	36521.176	13114.998	13.923	10.5	5.3	NO	0.996	NO	bb
7	7 170810M2_8	Standard	50.000	3.32	177809.250	12075.982	73.621	57.8	15.6	NO	0.996	NO	bb

Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:31:51 Pacific Daylight Time

Compound name: PFHxA

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
8	8 170810M2_9	Standard	100.000	3.31	393866.563	14098.515	139.684	110.2	10.2	NO	0.996	NO	bb
9	9 170810M2_10	Standard	250.000	3.30	896249.938	13890.280	322.618	255.1	2.0	NO	0.996	NO	bb
10	10 170810M2_11	Standard	500.000	3.30	1694936.625	14073.479	602.174	476.6	-4.7	NO	0.996	NO	bb

Compound name: PFHpA

Correlation coefficient: $r = 0.998520$, $r^2 = 0.997041$ Calibration curve: $1.13042 * x + 0.520352$

Response type: Internal Std (Ref 32), 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 170810M2_2	Standard	0.250	3.57	1021.577	32744.631	0.390			NO	0.997	NO	bbXI
2	2 170810M2_3	Standard	0.500	3.57	2115.316	37927.195	0.697	0.2	-68.7	NO	0.997	NO	bbX
3	3 170810M2_4	Standard	1.000	3.58	4504.139	40517.414	1.390	0.8	-23.1	NO	0.997	NO	bb
4	4 170810M2_5	Standard	2.000	3.57	8848.725	40261.074	2.747	2.0	-1.5	NO	0.997	NO	bb
5	5 170810M2_6	Standard	5.000	3.57	20480.195	40307.914	6.351	5.2	3.2	NO	0.997	NO	bb
6	6 170810M2_7	Standard	10.000	3.57	39021.555	40487.199	12.047	10.2	2.0	NO	0.997	NO	bb
7	7 170810M2_8	Standard	50.000	3.57	204471.547	40139.113	63.676	55.9	11.7	NO	0.997	NO	bb
8	8 170810M2_9	Standard	100.000	3.56	439243.500	43301.590	126.798	111.7	11.7	NO	0.997	NO	bb
9	9 170810M2_10	Standard	250.000	3.55	986020.313	43919.035	280.636	247.8	-0.9	NO	0.997	NO	bb
10	10 170810M2_11	Standard	500.000	3.55	1853039.250	42249.473	548.243	484.5	-3.1	NO	0.997	NO	bb

Compound name: PFHxS

Coefficient of Determination: $R^2 = 0.999727$ Calibration curve: $-0.00059344 * x^2 + 1.77788 * x + -0.123769$

Response type: Internal Std (Ref 33), 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 170810M2_2	Standard	0.250	3.64	104.558	2973.079	0.440	0.3	26.8	NO	1.000	NO	MM
2	2 170810M2_3	Standard	0.500	3.66	147.156	3418.749	0.538	0.4	-25.5	NO	1.000	NO	MM
3	3 170810M2_4	Standard	1.000	3.65	505.877	3603.866	1.755	1.1	5.7	NO	1.000	NO	MM
4	4 170810M2_5	Standard	2.000	3.64	970.668	3657.688	3.317	1.9	-3.2	NO	1.000	NO	MM
5	5 170810M2_6	Standard	5.000	3.64	2611.106	3713.872	8.788	5.0	0.4	NO	1.000	NO	bb

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:31:51 Pacific Daylight Time

Compound name: PFHxS

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
6	6 170810M2_7	Standard	10.000	3.64	5130.715	3730.608	17.191	9.8	-2.3	NO	1.000	NO	MM
7	7 170810M2_8	Standard	50.000	3.64	24993.557	3648.731	85.624	49.0	-1.9	NO	1.000	NO	bb
8	8 170810M2_9	Standard	100.000	3.63	53419.980	3949.262	169.082	98.4	-1.6	NO	1.000	NO	MM
9	9 170810M2_10	Standard	250.000	3.63	117028.563	3521.197	415.443	255.5	2.2	NO	1.000	NO	db
10	10 170810M2_11	Standard	500.000	3.62	217790.609	3693.524	737.069	497.1	-0.6	NO	1.000	NO	db

Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.998948$

Calibration curve: $-0.00172688 * x^2 + 0.945449 * x + 0.0555048$

Response type: Internal Std (Ref 34), 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 170810M2_2	Standard	0.250	3.75	200.187	10827.486	0.231	0.2	-25.7	NO	0.999	NO	bb
2	2 170810M2_3	Standard	0.500	3.77	486.104	10909.211	0.557	0.5	6.2	NO	0.999	NO	bb
3	3 170810M2_4	Standard	1.000	3.77	883.831	10654.119	1.037	1.0	4.0	NO	0.999	NO	bb
4	4 170810M2_5	Standard	2.000	3.76	1608.501	10669.914	1.884	1.9	-2.9	NO	0.999	NO	bb
5	5 170810M2_6	Standard	5.000	3.77	4302.423	10053.431	5.349	5.7	13.2	NO	0.999	NO	bb
6	6 170810M2_7	Standard	10.000	3.77	8047.447	10016.485	10.043	10.8	7.8	NO	0.999	NO	bb
7	7 170810M2_8	Standard	50.000	3.76	39191.262	11428.154	42.867	49.8	-0.4	NO	0.999	NO	bb
8	8 170810M2_9	Standard	100.000	3.75	85670.922	14187.794	75.479	96.9	-3.1	NO	0.999	NO	bb
9	9 170810M2_10	Standard	250.000	3.74	179225.031	17337.529	129.218	261.9	4.7	NO	0.999	NO	bb
10	10 170810M2_11	Standard	500.000	3.74	272261.250	19594.984	173.680			NO	0.999	NO	bbXI

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: PFOA

Correlation coefficient: $r = 0.999304$, $r^2 = 0.998608$

Calibration curve: $0.980416 * x + 0.151461$

Response type: Internal Std (Ref 35), 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 170810M2_2	Standard	0.250	3.78	1692.874	61642.953	0.343	0.2	-21.7	NO	0.999	NO	bb
2	2 170810M2_3	Standard	0.500	3.78	3289.689	67663.805	0.608	0.5	-6.9	NO	0.999	NO	bb
3	3 170810M2_4	Standard	1.000	3.78	6109.179	67625.266	1.129	1.0	-0.3	NO	0.999	NO	bb
4	4 170810M2_5	Standard	2.000	3.78	12862.762	69456.469	2.315	2.2	10.3	NO	0.999	NO	bb
5	5 170810M2_6	Standard	5.000	3.78	26522.385	61218.832	5.415	5.4	7.4	NO	0.999	NO	bb
6	6 170810M2_7	Standard	10.000	3.78	54100.707	64709.793	10.451	10.5	5.0	NO	0.999	NO	db
7	7 170810M2_8	Standard	50.000	3.78	248422.766	59761.141	51.962	52.8	5.7	NO	0.999	NO	bb
8	8 170810M2_9	Standard	100.000	3.77	559988.438	68978.094	101.479	103.4	3.4	NO	0.999	NO	bb
9	9 170810M2_10	Standard	250.000	3.76	1313767.500	68939.547	238.210	242.8	-2.9	NO	0.999	NO	bb
10	10 170810M2_11	Standard	500.000	3.75	2233816.250	64044.930	435.986	444.5	-11.1	NO	0.999	NO	bbX

Compound name: PFHpS

Correlation coefficient: $r = 0.995991$, $r^2 = 0.991997$

Calibration curve: $0.0786311 * x + 0.00779766$

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: Linear, 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 170810M2_2	Standard	0.250	3.84	115.389	61642.953	0.023	0.2	-20.6	NO	0.992	NO	bb
2	2 170810M2_3	Standard	0.500	3.85	247.359	67663.805	0.046	0.5	-3.6	NO	0.992	NO	bb
3	3 170810M2_4	Standard	1.000	3.85	467.065	67625.266	0.086	1.0	-0.1	NO	0.992	NO	bb
4	4 170810M2_5	Standard	2.000	3.85	1021.924	69456.469	0.184	2.2	12.0	NO	0.992	NO	bb
5	5 170810M2_6	Standard	5.000	3.85	2169.387	61218.832	0.443	5.5	10.7	NO	0.992	NO	bb
6	6 170810M2_7	Standard	10.000	3.84	4681.044	64709.793	0.904	11.4	14.0	NO	0.992	NO	bb
7	7 170810M2_8	Standard	50.000	3.84	21604.721	59761.141	4.519	57.4	14.7	NO	0.992	NO	bb
8	8 170810M2_9	Standard	100.000	3.83	49713.887	68978.094	9.009	114.5	14.5	NO	0.992	NO	bb
9	9 170810M2_10	Standard	250.000	3.82	114797.594	68939.547	20.815	264.6	5.8	NO	0.992	NO	bb
10	10 170810M2_11	Standard	500.000	3.82	185939.734	64044.930	36.291	461.4	-7.7	NO	0.992	NO	bb

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: PFNA

Correlation coefficient: $r = 0.998366$, $r^2 = 0.996735$

Calibration curve: $0.979826 * x + 0.513479$

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 170810M2_2	Standard	0.250	3.97	1700.456	62033.051	0.343			NO	0.997	NO	bbXI
2	2 170810M2_3	Standard	0.500	3.98	2793.827	56715.289	0.616	0.1	-79.1	NO	0.997	NO	bbX
3	3 170810M2_4	Standard	1.000	3.98	6302.374	60834.914	1.295	0.8	-20.2	NO	0.997	NO	bb
4	4 170810M2_5	Standard	2.000	3.97	11665.123	61086.734	2.387	1.9	-4.4	NO	0.997	NO	bb
5	5 170810M2_6	Standard	5.000	3.97	26210.676	58121.105	5.637	5.2	4.6	NO	0.997	NO	bb
6	6 170810M2_7	Standard	10.000	3.97	54617.367	63817.566	10.698	10.4	3.9	NO	0.997	NO	bb
7	7 170810M2_8	Standard	50.000	3.97	241126.203	57678.809	52.256	52.8	5.6	NO	0.997	NO	bb
8	8 170810M2_9	Standard	100.000	3.96	570147.125	64540.883	110.424	112.2	12.2	NO	0.997	NO	bb
9	9 170810M2_10	Standard	250.000	3.96	1276250.000	63239.992	252.263	256.9	2.8	NO	0.997	NO	bb
10	10 170810M2_11	Standard	500.000	3.95	2011288.625	53648.328	468.628	477.8	-4.4	NO	0.997	NO	bb

Compound name: PFOSA

Correlation coefficient: $r = 0.999155$, $r^2 = 0.998311$

Calibration curve: $1.04987 * x + 0.0313857$

Response type: Internal Std (Ref 37), 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 170810M2_2	Standard	0.250	3.99	140.984	6459.227	0.273	0.2	-8.0	NO	0.998	NO	bb
2	2 170810M2_3	Standard	0.500	4.00	317.971	6795.560	0.585	0.5	5.4	NO	0.998	NO	bb
3	3 170810M2_4	Standard	1.000	3.99	679.323	7247.529	1.172	1.1	8.6	NO	0.998	NO	bb
4	4 170810M2_5	Standard	2.000	3.98	1225.911	6795.770	2.255	2.1	5.9	NO	0.998	NO	bb
5	5 170810M2_6	Standard	5.000	3.99	2957.377	7263.316	5.090	4.8	-3.6	NO	0.998	NO	bb
6	6 170810M2_7	Standard	10.000	3.99	6346.346	7321.714	10.835	10.3	2.9	NO	0.998	NO	bb
7	7 170810M2_8	Standard	50.000	3.98	29107.096	7239.874	50.255	47.8	-4.3	NO	0.998	NO	bb
8	8 170810M2_9	Standard	100.000	3.97	63806.832	8149.971	97.864	93.2	-6.8	NO	0.998	NO	bb
9	9 170810M2_10	Standard	250.000	3.96	141035.125	6965.660	253.090	241.0	-3.6	NO	0.998	NO	bb
10	10 170810M2_11	Standard	500.000	3.96	220683.688	5075.854	543.464	517.6	3.5	NO	0.998	NO	bb

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time
Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: PFOS

Coefficient of Determination: $R^2 = 0.999791$

Calibration curve: $-0.000252174 * x^2 + 1.06922 * x - 0.0396957$

Response type: Internal Std (Ref 38), 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 170810M2_2	Standard	0.250	4.03	202.820	10626.669	0.239	0.3	4.1	NO	1.000	NO	MM
2	2 170810M2_3	Standard	0.500	4.04	413.253	11363.964	0.455	0.5	-7.5	NO	1.000	NO	MM
3	3 170810M2_4	Standard	1.000	4.03	862.786	10971.130	0.983	1.0	-4.3	NO	1.000	NO	MM
4	4 170810M2_5	Standard	2.000	4.03	1937.711	11205.850	2.161	2.1	3.0	NO	1.000	NO	MM
5	5 170810M2_6	Standard	5.000	4.03	4462.908	11041.968	5.052	4.8	-4.6	NO	1.000	NO	MM
6	6 170810M2_7	Standard	10.000	4.03	8765.405	11122.137	9.851	9.3	-7.3	NO	1.000	NO	MM
7	7 170810M2_8	Standard	50.000	4.03	43448.457	10002.095	54.299	51.4	2.9	NO	1.000	NO	MM
8	8 170810M2_9	Standard	100.000	4.02	95483.617	11632.687	102.603	98.3	-1.7	NO	1.000	NO	MM
9	9 170810M2_10	Standard	250.000	4.01	215446.594	10617.809	253.638	252.3	0.9	NO	1.000	NO	MM
10	10 170810M2_11	Standard	500.000	4.01	348312.906	9250.272	470.679	499.0	-0.2	NO	1.000	NO	MM

Compound name: PFDA

Correlation coefficient: $r = 0.999612$, $r^2 = 0.999225$

Calibration curve: $1.13105 * x + 0.115427$

Response type: Internal Std (Ref 39), 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 170810M2_2	Standard	0.250	4.15	1467.511	55995.238	0.328	0.2	-25.0	NO	0.999	NO	bb
2	2 170810M2_3	Standard	0.500	4.16	2956.190	55977.539	0.660	0.5	-3.7	NO	0.999	NO	bb
3	3 170810M2_4	Standard	1.000	4.16	6754.155	58804.391	1.436	1.2	16.7	NO	0.999	NO	bb
4	4 170810M2_5	Standard	2.000	4.15	10501.298	50928.629	2.577	2.2	8.8	NO	0.999	NO	bb
5	5 170810M2_6	Standard	5.000	4.16	26044.916	56490.598	5.763	5.0	-0.1	NO	0.999	NO	bb
6	6 170810M2_7	Standard	10.000	4.16	53593.426	59644.734	11.232	9.8	-1.7	NO	0.999	NO	bb
7	7 170810M2_8	Standard	50.000	4.16	238216.063	50433.004	59.043	52.1	4.2	NO	0.999	NO	bb
8	8 170810M2_9	Standard	100.000	4.14	591185.688	63572.438	116.243	102.7	2.7	NO	0.999	NO	bb
9	9 170810M2_10	Standard	250.000	4.13	1293616.750	58295.023	277.386	245.1	-1.9	NO	0.999	NO	bb
10	10 170810M2_11	Standard	500.000	4.13	1924513.000	52405.832	459.041	405.8	-18.8	NO	0.999	NO	bbX

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time
Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.997950$

Calibration curve: $-0.00480406 * x^2 + 1.4337 * x - 0.0133124$

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 170810M2_2	Standard	0.250	4.15	222.118	7665.451	0.362	0.3	4.9	NO	0.998	NO	bb
2	2 170810M2_3	Standard	0.500	4.16	397.530	7353.410	0.676	0.5	-3.7	NO	0.998	NO	bb
3	3 170810M2_4	Standard	1.000	4.15	986.639	7736.133	1.594	1.1	12.5	NO	0.998	NO	bb
4	4 170810M2_5	Standard	2.000	4.15	1700.260	7913.699	2.686	1.9	-5.3	NO	0.998	NO	bb
5	5 170810M2_6	Standard	5.000	4.15	3979.425	7743.167	6.424	4.6	-8.8	NO	0.998	NO	bb
6	6 170810M2_7	Standard	10.000	4.15	7871.591	7632.894	12.891	9.3	-7.1	NO	0.998	NO	bb
7	7 170810M2_8	Standard	50.000	4.15	36677.406	7336.241	62.494	53.0	6.0	NO	0.998	NO	bb
8	8 170810M2_9	Standard	100.000	4.14	73436.234	9762.668	94.027	97.3	-2.7	NO	0.998	NO	bb
9	9 170810M2_10	Standard	250.000	4.13	154924.188	11954.295	161.996			NO	0.998	NO	bbXI
10	10 170810M2_11	Standard	500.000	4.12	222765.531	13632.657	204.257			NO	0.998	NO	bbXI

Compound name: N-MeFOSAA

Coefficient of Determination: $R^2 = 0.999893$

Calibration curve: $-0.00750568 * x^2 + 19.4398 * x - 0.45786$

Response type: Internal Std (Ref 41), 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 170810M2_2	Standard	0.250	4.17	319.184	13096.980	3.960	0.2	-9.1	NO	1.000	NO	bb
2	2 170810M2_3	Standard	0.500	4.19	832.861	13619.695	9.937	0.5	7.0	NO	1.000	NO	bb
3	3 170810M2_4	Standard	1.000	4.19	1638.138	13420.139	19.836	1.0	4.4	NO	1.000	NO	bb
4	4 170810M2_5	Standard	2.000	4.18	3473.874	14342.013	39.360	2.0	2.5	NO	1.000	NO	bb
5	5 170810M2_6	Standard	5.000	4.18	7888.805	14009.009	91.508	4.7	-5.2	NO	1.000	NO	bb
6	6 170810M2_7	Standard	10.000	4.19	15596.266	13329.100	190.140	9.8	-1.6	NO	1.000	NO	bb
7	7 170810M2_8	Standard	50.000	4.18	74786.219	12505.077	971.826	51.0	2.0	NO	1.000	NO	bb
8	8 170810M2_9	Standard	100.000	4.17	166516.688	14369.895	1883.031	100.8	0.8	NO	1.000	NO	bb
9	9 170810M2_10	Standard	250.000	4.16	363121.188	13581.694	4344.612	247.1	-1.2	NO	1.000	NO	bb
10	10 170810M2_11	Standard	500.000	4.16	577726.813	11942.306	7861.179	501.5	0.3	NO	1.000	NO	bb

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: N-EtFOSAA

Coefficient of Determination: $R^2 = 0.999638$

Calibration curve: $-0.00353476 * x^2 + 15.6313 * x + 0.651764$

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 170810M2_2	Standard	0.250	4.26	313.074	13212.761	3.850	0.2	-18.1	NO	1.000	NO	bb
2	2 170810M2_3	Standard	0.500	4.26	835.143	13188.293	10.290	0.6	23.3	NO	1.000	NO	bb
3	3 170810M2_4	Standard	1.000	4.26	1459.771	13739.960	17.264	1.1	6.3	NO	1.000	NO	bb
4	4 170810M2_5	Standard	2.000	4.25	2723.785	13472.679	32.853	2.1	3.0	NO	1.000	NO	bb
5	5 170810M2_6	Standard	5.000	4.25	6536.180	13386.724	79.342	5.0	0.8	NO	1.000	NO	bb
6	6 170810M2_7	Standard	10.000	4.25	13418.110	14147.375	154.123	9.8	-1.6	NO	1.000	NO	bb
7	7 170810M2_8	Standard	50.000	4.25	64230.766	13121.947	795.423	51.4	2.9	NO	1.000	NO	bb
8	8 170810M2_9	Standard	100.000	4.24	148325.734	15456.478	1559.406	102.1	2.1	NO	1.000	NO	bb
9	9 170810M2_10	Standard	250.000	4.23	327290.563	14790.417	3595.890	243.4	-2.6	NO	1.000	NO	bb
10	10 170810M2_11	Standard	500.000	4.23	562908.563	13123.576	6970.100	503.1	0.6	NO	1.000	NO	bb

Compound name: PFUnA

Coefficient of Determination: $R^2 = 0.995537$

Calibration curve: $-0.000304422 * x^2 + 0.810482 * x + 0.0887281$

Response type: Internal Std (Ref 43), 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 170810M2_2	Standard	0.250	4.33	1082.861	57444.809	0.236	0.2	-27.5	NO	0.996	NO	bb
2	2 170810M2_3	Standard	0.500	4.34	2396.822	62078.648	0.483	0.5	-2.8	NO	0.996	NO	bb
3	3 170810M2_4	Standard	1.000	4.34	4977.892	64503.668	0.965	1.1	8.1	NO	0.996	NO	bb
4	4 170810M2_5	Standard	2.000	4.33	9185.262	59270.816	1.937	2.3	14.1	NO	0.996	NO	bb
5	5 170810M2_6	Standard	5.000	4.33	21770.973	69700.664	3.904	4.7	-5.7	NO	0.996	NO	bb
6	6 170810M2_7	Standard	10.000	4.33	40820.391	61611.820	8.282	10.1	1.5	NO	0.996	NO	bb
7	7 170810M2_8	Standard	50.000	4.33	192810.016	52882.594	45.575	57.4	14.7	NO	0.996	NO	bb
8	8 170810M2_9	Standard	100.000	4.31	448601.406	68600.250	81.742	104.9	4.9	NO	0.996	NO	bb
9	9 170810M2_10	Standard	250.000	4.30	1001369.188	74813.570	167.311	225.4	-9.8	NO	0.996	NO	bb
10	10 170810M2_11	Standard	500.000	4.30	1654232.125	61521.715	336.107	513.7	2.7	NO	0.996	NO	bb

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: PFDS

Coefficient of Determination: $R^2 = 0.992589$

Calibration curve: $-4.87611e-005 * x^2 + 0.0819404 * x + 0.0113831$

Response type: Internal Std (Ref 43), 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 170810M2_2	Standard	0.250	4.38	50.134	57444.809	0.011			NO	0.993	NO	MMXI
2	2 170810M2_3	Standard	0.500	4.39	251.218	62078.648	0.051	0.5	-4.3	NO	0.993	NO	bb
3	3 170810M2_4	Standard	1.000	4.39	485.986	64503.668	0.094	1.0	1.1	NO	0.993	NO	bb
4	4 170810M2_5	Standard	2.000	4.38	806.569	59270.816	0.170	1.9	-3.0	NO	0.993	NO	bb
5	5 170810M2_6	Standard	5.000	4.38	2118.120	69700.664	0.380	4.5	-9.8	NO	0.993	NO	bb
6	6 170810M2_7	Standard	10.000	4.38	4130.849	61611.820	0.838	10.2	1.5	NO	0.993	NO	bb
7	7 170810M2_8	Standard	50.000	4.38	19476.701	52882.594	4.604	58.1	16.1	NO	0.993	NO	bb
8	8 170810M2_9	Standard	100.000	4.36	45542.465	68600.250	8.299	108.1	8.1	NO	0.993	NO	bb
9	9 170810M2_10	Standard	250.000	4.36	92623.195	74813.570	15.476	216.7	-13.3	NO	0.993	NO	bb
10	10 170810M2_11	Standard	500.000	4.35	145684.594	61521.715	29.600	525.3	5.1	NO	0.993	NO	bb

Compound name: PFDoA

Coefficient of Determination: $R^2 = 0.999746$

Calibration curve: $-0.000238279 * x^2 + 0.835861 * x + 0.0431344$

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 170810M2_2	Standard	0.250	4.51	126.520	6520.931	0.243	0.2	-4.6	NO	1.000	NO	bb
2	2 170810M2_3	Standard	0.500	4.53	246.742	7169.665	0.430	0.5	-7.4	NO	1.000	NO	bb
3	3 170810M2_4	Standard	1.000	4.52	609.030	7950.386	0.958	1.1	9.4	NO	1.000	NO	bb
4	4 170810M2_5	Standard	2.000	4.51	1069.381	7572.749	1.765	2.1	3.1	NO	1.000	NO	bb
5	5 170810M2_6	Standard	5.000	4.51	2402.908	6676.272	4.499	5.3	6.8	NO	1.000	NO	bb
6	6 170810M2_7	Standard	10.000	4.51	4358.342	7074.396	7.701	9.2	-8.1	NO	1.000	NO	bb
7	7 170810M2_8	Standard	50.000	4.51	21732.080	6639.138	40.917	49.6	-0.8	NO	1.000	NO	bb
8	8 170810M2_9	Standard	100.000	4.49	51974.469	7805.791	83.231	102.5	2.5	NO	1.000	NO	bb
9	9 170810M2_10	Standard	250.000	4.48	109401.664	7118.316	192.113	247.2	-1.1	NO	1.000	NO	bb
10	10 170810M2_11	Standard	500.000	4.48	198369.359	6906.029	359.051	501.1	0.2	NO	1.000	NO	bb

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: N-MeFOSA

Correlation coefficient: $r = 0.995786$, $r^2 = 0.991590$

Calibration curve: $0.878916 * x + 0.777845$

Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)

Curve type: Linear, 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 170810M2_2	Standard	1.250	4.55	296.818	27716.932	1.606	0.9	-24.6	NO	0.992	NO	bb
2	2 170810M2_3	Standard	2.500	4.56	506.989	27527.555	2.763	2.3	-9.7	NO	0.992	NO	bb
3	3 170810M2_4	Standard	5.000	4.56	1040.113	27554.281	5.662	5.6	11.1	NO	0.992	NO	bb
4	4 170810M2_5	Standard	10.000	4.56	2132.267	27954.211	11.442	12.1	21.3	NO	0.992	NO	bb
5	5 170810M2_6	Standard	25.000	4.55	4991.766	26972.852	27.760	30.7	22.8	NO	0.992	NO	bb
6	6 170810M2_7	Standard	50.000	4.54	10478.551	29265.723	53.707	60.2	20.4	NO	0.992	NO	bb
7	7 170810M2_8	Standard	250.000	4.53	50625.969	29202.176	260.046	295.0	18.0	NO	0.992	NO	db
8	8 170810M2_9	Standard	500.000	4.51	118740.742	35066.203	507.928	577.0	15.4	NO	0.992	NO	bb
9	9 170810M2_10	Standard	1250.000	4.50	273392.375	36176.391	1133.581	1288.9	3.1	NO	0.992	NO	bb
10	10 170810M2_11	Standard	2500.000	4.50	473733.750	34819.609	2040.806	2321.1	-7.2	NO	0.992	NO	db

Compound name: PFTTrDA

Correlation coefficient: $r = 0.999754$, $r^2 = 0.999507$

Calibration curve: $10.0213 * x + 1.2331$

Response type: Internal Std (Ref 44), 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 170810M2_2	Standard	0.250	4.70	1808.306	6520.931	3.466	0.2	-10.9	NO	1.000	NO	MM
2	2 170810M2_3	Standard	0.500	4.71	3277.177	7169.665	5.714	0.4	-10.6	NO	1.000	NO	bb
3	3 170810M2_4	Standard	1.000	4.71	7157.351	7950.386	11.253	1.0	-0.0	NO	1.000	NO	bb
4	4 170810M2_5	Standard	2.000	4.70	13517.759	7572.749	22.313	2.1	5.2	NO	1.000	NO	bb
5	5 170810M2_6	Standard	5.000	4.70	29636.258	6676.272	55.488	5.4	8.3	NO	1.000	NO	bb
6	6 170810M2_7	Standard	10.000	4.70	60225.457	7074.396	106.414	10.5	5.0	NO	1.000	NO	bb
7	7 170810M2_8	Standard	50.000	4.70	275791.281	6639.138	519.253	51.7	3.4	NO	1.000	NO	bb
8	8 170810M2_9	Standard	100.000	4.68	633892.563	7805.791	1015.100	101.2	1.2	NO	1.000	NO	bb
9	9 170810M2_10	Standard	250.000	4.67	1405725.625	7118.316	2468.501	246.2	-1.5	NO	1.000	NO	bb
10	10 170810M2_11	Standard	500.000	4.67	2233990.500	6906.029	4043.551	403.4	-19.3	NO	1.000	NO	bbX

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: PFTeDA

Coefficient of Determination: $R^2 = 0.999640$

Calibration curve: $-0.000533447 * x^2 + 1.13867 * x + 0.107998$

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 170810M2_2	Standard	0.250	4.90	1296.794	43934.512	0.369	0.2	-8.3	NO	1.000	NO	bb
2	2 170810M2_3	Standard	0.500	4.91	2459.198	44478.961	0.691	0.5	2.4	NO	1.000	NO	bb
3	3 170810M2_4	Standard	1.000	4.91	4822.091	48823.219	1.235	1.0	-1.0	NO	1.000	NO	bb
4	4 170810M2_5	Standard	2.000	4.90	9330.564	47903.941	2.435	2.0	2.3	NO	1.000	NO	bb
5	5 170810M2_6	Standard	5.000	4.90	20629.588	43352.480	5.948	5.1	2.8	NO	1.000	NO	bb
6	6 170810M2_7	Standard	10.000	4.90	41831.395	45414.316	11.514	10.1	0.6	NO	1.000	NO	bb
7	7 170810M2_8	Standard	50.000	4.90	191464.297	43089.582	55.543	49.8	-0.3	NO	1.000	NO	bb
8	8 170810M2_9	Standard	100.000	4.87	448893.063	49984.359	112.258	103.5	3.5	NO	1.000	NO	bb
9	9 170810M2_10	Standard	250.000	4.87	983211.563	50076.543	245.427	243.1	-2.7	NO	1.000	NO	MM
10	10 170810M2_11	Standard	500.000	4.86	1620744.750	46214.285	438.378	503.8	0.8	NO	1.000	NO	MM

Compound name: N-EtFOSA

Correlation coefficient: $r = 0.998278$, $r^2 = 0.996558$

Calibration curve: $0.877827 * x + 0.460454$

Response type: Internal Std (Ref 47), 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 170810M2_2	Standard	1.250	5.00	300.846	35807.328	1.260	0.9	-27.1	NO	0.997	NO	bb
2	2 170810M2_3	Standard	2.500	5.01	616.719	35651.246	2.595	2.4	-2.7	NO	0.997	NO	bb
3	3 170810M2_4	Standard	5.000	5.00	1224.420	36907.691	4.976	5.1	2.9	NO	0.997	NO	bb
4	4 170810M2_5	Standard	10.000	5.00	2355.630	37358.246	9.458	10.3	2.5	NO	0.997	NO	bb
5	5 170810M2_6	Standard	25.000	5.00	5722.799	34930.285	24.575	27.5	9.9	NO	0.997	NO	bb
6	6 170810M2_7	Standard	50.000	4.98	11801.225	38343.563	46.166	52.1	4.1	NO	0.997	NO	bb
7	7 170810M2_8	Standard	250.000	4.97	58068.348	36419.504	239.164	271.9	8.8	NO	0.997	NO	db
8	8 170810M2_9	Standard	500.000	4.95	136462.141	43820.121	467.122	531.6	6.3	NO	0.997	NO	db
9	9 170810M2_10	Standard	1250.000	4.94	323008.469	46286.176	1046.776	1191.9	-4.6	NO	0.997	NO	bb
10	10 170810M2_11	Standard	2500.000	4.94	574823.688	43106.852	2000.228	2278.1	-8.9	NO	0.997	NO	bbX

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time
Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.999241$

Calibration curve: $-0.00134262 * x^2 + 1.44391 * x + 0.187386$

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 170810M2_2	Standard	0.250	5.29	2439.806	20425.877	0.597	0.3	13.6	NO	0.999	NO	bd
2	2 170810M2_3	Standard	0.500	5.30	3560.579	20498.971	0.868	0.5	-5.6	NO	0.999	NO	bb
3	3 170810M2_4	Standard	1.000	5.30	6815.783	21206.127	1.607	1.0	-1.6	NO	0.999	NO	bb
4	4 170810M2_5	Standard	2.000	5.29	13956.986	22826.240	3.057	2.0	-0.4	NO	0.999	NO	bb
5	5 170810M2_6	Standard	5.000	5.28	30517.473	20867.588	7.312	5.0	-0.9	NO	0.999	NO	bb
6	6 170810M2_7	Standard	10.000	5.29	57583.516	21425.330	13.438	9.3	-7.4	NO	0.999	NO	bb
7	7 170810M2_8	Standard	50.000	5.28	276492.656	19445.941	71.093	51.6	3.2	NO	0.999	NO	bb
8	8 170810M2_9	Standard	100.000	5.26	606868.313	23300.309	130.228	99.2	-0.8	NO	0.999	NO	MM
9	9 170810M2_10	Standard	250.000	5.25	897246.125	15976.768	280.797	254.6	1.9	NO	0.999	NO	bbX
10	10 170810M2_11	Standard	500.000	5.24	1213814.625	11401.953	532.284			NO	0.999	NO	bbXI

Compound name: PFODA

Correlation coefficient: $r = 0.999467$, $r^2 = 0.998934$

Calibration curve: $1.27081 * x + 0.103615$

Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)

Curve type: Linear, 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 170810M2_2	Standard	0.250	5.66	1714.516	20425.877	0.420	0.2	-0.5	NO	0.999	NO	bb
2	2 170810M2_3	Standard	0.500	5.66	3188.736	20498.971	0.778	0.5	6.1	NO	0.999	NO	bb
3	3 170810M2_4	Standard	1.000	5.66	6602.740	21206.127	1.557	1.1	14.4	NO	0.999	NO	bb
4	4 170810M2_5	Standard	2.000	5.66	12914.733	22826.240	2.829	2.1	7.2	NO	0.999	NO	bb
5	5 170810M2_6	Standard	5.000	5.66	27537.434	20867.588	6.598	5.1	2.2	NO	0.999	NO	bb
6	6 170810M2_7	Standard	10.000	5.66	56117.164	21425.330	13.096	10.2	2.2	NO	0.999	NO	bb
7	7 170810M2_8	Standard	50.000	5.65	255676.906	19445.941	65.740	51.6	3.3	NO	0.999	NO	bb
8	8 170810M2_9	Standard	100.000	5.62	579058.625	23300.309	124.260	97.7	-2.3	NO	0.999	NO	bb
9	9 170810M2_10	Standard	250.000	5.61	1368190.375	15976.768	428.181	336.9	34.7	NO	0.999	NO	bbX
10	10 170810M2_11	Standard	500.000	5.60	2323741.500	11401.953	1019.010	801.8	60.4	NO	0.999	NO	bbX

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: N-MeFOSE

Correlation coefficient: $r = 0.998979$, $r^2 = 0.997958$

Calibration curve: $0.913987 * x + 0.914175$

Response type: Internal Std (Ref 49), 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 170810M2_2	Standard	1.250	5.28	449.666	37456.684	1.801	1.0	-22.4	NO	0.998	NO	bb
2	2 170810M2_3	Standard	2.500	5.29	709.438	37182.391	2.862	2.1	-14.8	NO	0.998	NO	bb
3	3 170810M2_4	Standard	5.000	5.29	1441.188	38748.840	5.579	5.1	2.1	NO	0.998	NO	bb
4	4 170810M2_5	Standard	10.000	5.28	2749.127	38784.367	10.632	10.6	6.3	NO	0.998	NO	bb
5	5 170810M2_6	Standard	25.000	5.28	6369.167	37768.906	25.295	26.7	6.7	NO	0.998	NO	bb
6	6 170810M2_7	Standard	50.000	5.28	13694.196	41681.102	49.282	52.9	5.8	NO	0.998	NO	bb
7	7 170810M2_8	Standard	250.000	5.28	68194.742	40391.512	253.252	276.1	10.4	NO	0.998	NO	bb
8	8 170810M2_9	Standard	500.000	5.26	159694.672	48233.188	496.633	542.4	8.5	NO	0.998	NO	bb
9	9 170810M2_10	Standard	1250.000	5.25	369344.906	48233.070	1148.626	1255.7	0.5	NO	0.998	NO	bb
10	10 170810M2_11	Standard	2500.000	5.25	687202.625	46562.453	2213.809	2421.1	-3.2	NO	0.998	NO	bb

Compound name: N-EtFOSE

Correlation coefficient: $r = 0.998468$, $r^2 = 0.996938$

Calibration curve: $1.01573 * x + 2.54785$

Response type: Internal Std (Ref 50), 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 170810M2_2	Standard	1.250	5.45	431.103	36366.551	1.778			NO	0.997	NO	bbXI
2	2 170810M2_3	Standard	2.500	5.46	845.634	37921.910	3.345	0.8	-68.6	NO	0.997	NO	bbX
3	3 170810M2_4	Standard	5.000	5.46	1629.428	37938.703	6.442	3.8	-23.3	NO	0.997	NO	bb
4	4 170810M2_5	Standard	10.000	5.45	3162.947	39692.059	11.953	9.3	-7.4	NO	0.997	NO	bb
5	5 170810M2_6	Standard	25.000	5.45	7056.696	37298.547	28.379	25.4	1.7	NO	0.997	NO	bb
6	6 170810M2_7	Standard	50.000	5.45	15470.291	39826.883	58.266	54.9	9.7	NO	0.997	NO	bb
7	7 170810M2_8	Standard	250.000	5.45	75266.070	39464.043	286.081	279.1	11.7	NO	0.997	NO	bb
8	8 170810M2_9	Standard	500.000	5.43	181684.203	48142.445	566.083	554.8	11.0	NO	0.997	NO	bb
9	9 170810M2_10	Standard	1250.000	5.42	430891.406	50641.645	1276.296	1254.0	0.3	NO	0.997	NO	bb
10	10 170810M2_11	Standard	2500.000	5.42	790079.563	48390.172	2449.091	2408.7	-3.7	NO	0.997	NO	bb

Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: 13C3-PFBA

Response Factor: 0.905828

RRF SD: 0.0122576, Relative SD: 1.35319

Response type: Internal Std (Ref 51), 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 170810M2_2	Standard	12.500	1.91	15542.773	17253.230	11.261	12.4	-0.5	NO		NO	bb
2	2 170810M2_3	Standard	12.500	1.92	15666.696	17209.924	11.379	12.6	0.5	NO		NO	bb
3	3 170810M2_4	Standard	12.500	1.92	16473.561	17869.518	11.524	12.7	1.8	NO		NO	bb
4	4 170810M2_5	Standard	12.500	1.92	15767.530	17173.609	11.477	12.7	1.4	NO		NO	bb
5	5 170810M2_6	Standard	12.500	1.91	16464.104	18114.355	11.361	12.5	0.3	NO		NO	bb
6	6 170810M2_7	Standard	12.500	1.92	16369.950	18442.018	11.096	12.2	-2.0	NO		NO	bb
7	7 170810M2_8	Standard	12.500	1.92	16361.661	17753.158	11.520	12.7	1.7	NO		NO	bb
8	8 170810M2_9	Standard	12.500	1.91	18859.416	21098.885	11.173	12.3	-1.3	NO		NO	bb
9	9 170810M2_10	Standard	12.500	1.91	18778.650	20835.586	11.266	12.4	-0.5	NO		NO	bb
10	10 170810M2_11	Standard	12.500	1.90	18418.195	20606.902	11.172	12.3	-1.3	NO		NO	bb

Compound name: 13C3-PFPeA

Response Factor: 0.283893

RRF SD: 0.00573445, Relative SD: 2.01993

Response type: Internal Std (Ref 52), 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 170810M2_2	Standard	12.500	2.95	27880.619	38245.879	3.645	12.8	2.7	NO		NO	bb
2	2 170810M2_3	Standard	12.500	2.95	28322.555	40090.316	3.532	12.4	-0.5	NO		NO	bb
3	3 170810M2_4	Standard	12.500	2.96	28875.371	41622.215	3.469	12.2	-2.3	NO		NO	bb
4	4 170810M2_5	Standard	12.500	2.95	27712.795	39798.098	3.482	12.3	-1.9	NO		NO	bb
5	5 170810M2_6	Standard	12.500	2.95	29315.059	41689.316	3.516	12.4	-0.9	NO		NO	bb
6	6 170810M2_7	Standard	12.500	2.95	29802.102	41735.027	3.570	12.6	0.6	NO		NO	bb
7	7 170810M2_8	Standard	12.500	2.95	28667.293	39240.863	3.653	12.9	2.9	NO		NO	bb
8	8 170810M2_9	Standard	12.500	2.94	33506.395	46120.840	3.632	12.8	2.4	NO		NO	bb
9	9 170810M2_10	Standard	12.500	2.94	32021.633	45642.266	3.508	12.4	-1.1	NO		NO	bb
10	10 170810M2_11	Standard	12.500	2.94	30833.635	44306.922	3.480	12.3	-1.9	NO		NO	bb

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: 13C3-PFBS

Response Factor: 0.0328786

RRF SD: 0.00161235, Relative SD: 4.90396

Response type: Internal Std (Ref 52), 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 170810M2_2	Standard	12.500	3.11	3242.905	38245.879	0.424	12.9	3.2	NO		NO	bb
2	2 170810M2_3	Standard	12.500	3.11	3291.404	40090.316	0.410	12.5	-0.1	NO		NO	bb
3	3 170810M2_4	Standard	12.500	3.12	3435.015	41622.215	0.413	12.6	0.4	NO		NO	bb
4	4 170810M2_5	Standard	12.500	3.11	3373.359	39798.098	0.424	12.9	3.1	NO		NO	bb
5	5 170810M2_6	Standard	12.500	3.12	3305.415	41689.316	0.396	12.1	-3.5	NO		NO	bb
6	6 170810M2_7	Standard	12.500	3.12	3622.048	41735.027	0.434	13.2	5.6	NO		NO	bb
7	7 170810M2_8	Standard	12.500	3.12	3433.760	39240.863	0.438	13.3	6.5	NO		NO	bb
8	8 170810M2_9	Standard	12.500	3.11	3757.638	46120.840	0.407	12.4	-0.9	NO		NO	bb
9	9 170810M2_10	Standard	12.500	3.10	3568.171	45642.266	0.391	11.9	-4.9	NO		NO	bb
10	10 170810M2_11	Standard	12.500	3.10	3303.260	44306.922	0.373	11.3	-9.3	NO		NO	bb

Compound name: 13C2-PFHxA

Response Factor: 0.303632

RRF SD: 0.00987768, Relative SD: 3.25318

Response type: Internal Std (Ref 52), 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 170810M2_2	Standard	5.000	3.32	11232.063	38245.879	1.468	4.8	-3.3	NO		NO	bb
2	2 170810M2_3	Standard	5.000	3.32	11474.060	40090.316	1.431	4.7	-5.7	NO		NO	bb
3	3 170810M2_4	Standard	5.000	3.33	12197.214	41622.215	1.465	4.8	-3.5	NO		NO	bb
4	4 170810M2_5	Standard	5.000	3.32	12310.407	39798.098	1.547	5.1	1.9	NO		NO	bb
5	5 170810M2_6	Standard	5.000	3.32	12691.323	41689.316	1.522	5.0	0.3	NO		NO	bb
6	6 170810M2_7	Standard	5.000	3.32	13114.998	41735.027	1.571	5.2	3.5	NO		NO	bb
7	7 170810M2_8	Standard	5.000	3.32	12075.982	39240.863	1.539	5.1	1.4	NO		NO	bb
8	8 170810M2_9	Standard	5.000	3.31	14098.515	46120.840	1.528	5.0	0.7	NO		NO	bb
9	9 170810M2_10	Standard	5.000	3.30	13890.280	45642.266	1.522	5.0	0.2	NO		NO	bb
10	10 170810M2_11	Standard	5.000	3.30	14073.479	44306.922	1.588	5.2	4.6	NO		NO	bb

Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: 13C4-PFHpA

Response Factor: 0.384073

RRF SD: 0.0180967, Relative SD: 4.71177

Response type: Internal Std (Ref 52), 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 170810M2_2	Standard	12.500	3.57	32744.631	38245.879	4.281	11.1	-10.8	NO		NO	bb
2	2 170810M2_3	Standard	12.500	3.58	37927.195	40090.316	4.730	12.3	-1.5	NO		NO	bb
3	3 170810M2_4	Standard	12.500	3.58	40517.414	41622.215	4.867	12.7	1.4	NO		NO	bb
4	4 170810M2_5	Standard	12.500	3.57	40261.074	39798.098	5.058	13.2	5.4	NO		NO	bb
5	5 170810M2_6	Standard	12.500	3.57	40307.914	41689.316	4.834	12.6	0.7	NO		NO	bb
6	6 170810M2_7	Standard	12.500	3.57	40487.199	41735.027	4.851	12.6	1.0	NO		NO	bb
7	7 170810M2_8	Standard	12.500	3.57	40139.113	39240.863	5.114	13.3	6.5	NO		NO	bb
8	8 170810M2_9	Standard	12.500	3.56	43301.590	46120.840	4.694	12.2	-2.2	NO		NO	bb
9	9 170810M2_10	Standard	12.500	3.55	43919.035	45642.266	4.811	12.5	0.2	NO		NO	bb
10	10 170810M2_11	Standard	12.500	3.55	42249.473	44306.922	4.768	12.4	-0.7	NO		NO	bb

Compound name: 18O2-PFHxS

Response Factor: 0.417122

RRF SD: 0.0140806, Relative SD: 3.37566

Response type: Internal Std (Ref 53), 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 170810M2_2	Standard	12.500	3.64	2973.079	7282.960	5.103	12.2	-2.1	NO		NO	bb
2	2 170810M2_3	Standard	12.500	3.65	3418.749	8095.660	5.279	12.7	1.2	NO		NO	bb
3	3 170810M2_4	Standard	12.500	3.65	3603.866	8554.390	5.266	12.6	1.0	NO		NO	bb
4	4 170810M2_5	Standard	12.500	3.64	3657.688	9118.271	5.014	12.0	-3.8	NO		NO	bb
5	5 170810M2_6	Standard	12.500	3.64	3713.872	8806.590	5.271	12.6	1.1	NO		NO	bb
6	6 170810M2_7	Standard	12.500	3.65	3730.608	8875.088	5.254	12.6	0.8	NO		NO	bb
7	7 170810M2_8	Standard	12.500	3.64	3648.731	8462.481	5.390	12.9	3.4	NO		NO	bb
8	8 170810M2_9	Standard	12.500	3.63	3949.262	9360.616	5.274	12.6	1.1	NO		NO	bb
9	9 170810M2_10	Standard	12.500	3.63	3521.197	9070.533	4.853	11.6	-6.9	NO		NO	bb
10	10 170810M2_11	Standard	12.500	3.62	3693.524	8491.929	5.437	13.0	4.3	NO		NO	bb

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: 13C2-6:2 FTS

Response Factor: 0.201722

RRF SD: 0.0340952, Relative SD: 16.9021

Response type: Internal Std (Ref 54), 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 170810M2_2	Standard	12.500	3.76	10827.486	54603.613	2.479	12.3	-1.7	NO		NO	bb
2	2 170810M2_3	Standard	12.500	3.77	10909.211	58987.684	2.312	11.5	-8.3	NO		NO	bb
3	3 170810M2_4	Standard	12.500	3.77	10654.119	60428.516	2.204	10.9	-12.6	NO		NO	bb
4	4 170810M2_5	Standard	12.500	3.77	10669.914	61095.281	2.183	10.8	-13.4	NO		NO	bb
5	5 170810M2_6	Standard	12.500	3.77	10053.431	56983.695	2.205	10.9	-12.5	NO		NO	bb
6	6 170810M2_7	Standard	12.500	3.77	10016.485	53819.109	2.326	11.5	-7.7	NO		NO	bb
7	7 170810M2_8	Standard	12.500	3.76	11428.154	52844.020	2.703	13.4	7.2	NO		NO	bb
8	8 170810M2_9	Standard	12.500	3.75	14187.794	63696.625	2.784	13.8	10.4	NO		NO	bb
9	9 170810M2_10	Standard	12.500	3.74	17337.529	61971.621	3.497	17.3	38.7	NO		NO	bb
10	10 170810M2_11	Standard	12.500	3.74	19594.984	53950.348	4.540	22.5	80.1	NO		NO	bbX

Compound name: 13C2-PFOA

Response Factor: 1.1322

RRF SD: 0.0401853, Relative SD: 3.54932

Response type: Internal Std (Ref 54), 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 170810M2_2	Standard	12.500	3.78	61642.953	54603.613	14.111	12.5	-0.3	NO		NO	bb
2	2 170810M2_3	Standard	12.500	3.79	67663.805	58987.684	14.339	12.7	1.3	NO		NO	bb
3	3 170810M2_4	Standard	12.500	3.79	67625.266	60428.516	13.989	12.4	-1.2	NO		NO	bb
4	4 170810M2_5	Standard	12.500	3.78	69456.469	61095.281	14.211	12.6	0.4	NO		NO	bb
5	5 170810M2_6	Standard	12.500	3.78	61218.832	56983.695	13.429	11.9	-5.1	NO		NO	bb
6	6 170810M2_7	Standard	12.500	3.78	64709.793	53819.109	15.029	13.3	6.2	NO		NO	bb
7	7 170810M2_8	Standard	12.500	3.78	59761.141	52844.020	14.136	12.5	-0.1	NO		NO	bb
8	8 170810M2_9	Standard	12.500	3.77	68978.094	63696.625	13.536	12.0	-4.4	NO		NO	bb
9	9 170810M2_10	Standard	12.500	3.76	68939.547	61971.621	13.905	12.3	-1.7	NO		NO	bb
10	10 170810M2_11	Standard	12.500	3.76	64044.930	53950.348	14.839	13.1	4.8	NO		NO	bb

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: 13C5-PFNA

Response Factor: 0.94609

RRF SD: 0.0460977, Relative SD: 4.87244

Response type: Internal Std (Ref 55), 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 170810M2_2	Standard	12.500	3.97	62033.051	62822.277	12.343	13.0	4.4	NO		NO	bb
2	2 170810M2_3	Standard	12.500	3.98	56715.289	69006.492	10.274	10.9	-13.1	NO		NO	bb
3	3 170810M2_4	Standard	12.500	3.98	60834.914	64031.563	11.876	12.6	0.4	NO		NO	bb
4	4 170810M2_5	Standard	12.500	3.97	61086.734	63786.367	11.971	12.7	1.2	NO		NO	bb
5	5 170810M2_6	Standard	12.500	3.97	58121.105	59683.719	12.173	12.9	2.9	NO		NO	bb
6	6 170810M2_7	Standard	12.500	3.97	63817.566	67704.961	11.782	12.5	-0.4	NO		NO	bb
7	7 170810M2_8	Standard	12.500	3.97	57678.809	61617.066	11.701	12.4	-1.1	NO		NO	bb
8	8 170810M2_9	Standard	12.500	3.96	64540.883	67146.039	12.015	12.7	1.6	NO		NO	bb
9	9 170810M2_10	Standard	12.500	3.95	63239.992	65393.742	12.088	12.8	2.2	NO		NO	bb
10	10 170810M2_11	Standard	12.500	3.95	53648.328	55705.484	12.038	12.7	1.8	NO		NO	bb

Compound name: 13C8-PFOSA

Response Factor: 0.11942

RRF SD: 0.0160933, Relative SD: 13.4762

Response type: Internal Std (Ref 58), 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 170810M2_2	Standard	12.500	3.99	6459.227	56516.137	1.429	12.0	-4.3	NO		NO	bb
2	2 170810M2_3	Standard	12.500	3.99	6795.560	54058.969	1.571	13.2	5.3	NO		NO	bb
3	3 170810M2_4	Standard	12.500	3.99	7247.529	58876.535	1.539	12.9	3.1	NO		NO	bb
4	4 170810M2_5	Standard	12.500	3.98	6795.770	54908.402	1.547	13.0	3.6	NO		NO	bb
5	5 170810M2_6	Standard	12.500	3.99	7263.316	66408.094	1.367	11.4	-8.4	NO		NO	bb
6	6 170810M2_7	Standard	12.500	3.99	7321.714	50136.242	1.825	15.3	22.3	NO		NO	bb
7	7 170810M2_8	Standard	12.500	3.98	7239.874	55712.629	1.624	13.6	8.8	NO		NO	bb
8	8 170810M2_9	Standard	12.500	3.97	8149.971	65160.934	1.563	13.1	4.7	NO		NO	bb
9	9 170810M2_10	Standard	12.500	3.96	6965.660	61852.313	1.408	11.8	-5.7	NO		NO	bb
10	10 170810M2_11	Standard	12.500	3.96	5075.854	60220.047	1.054	8.8	-29.4	NO		NO	bb

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: 13C8-PFOS

Response Factor: 1.03984

RRF SD: 0.043134, Relative SD: 4.14815

Response type: Internal Std (Ref 56), 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 170810M2_2	Standard	12.500	4.03	10626.669	10014.264	13.264	12.8	2.0	NO		NO	bb
2	2 170810M2_3	Standard	12.500	4.04	11363.964	11495.998	12.356	11.9	-4.9	NO		NO	bb
3	3 170810M2_4	Standard	12.500	4.03	10971.130	10441.012	13.135	12.6	1.1	NO		NO	bb
4	4 170810M2_5	Standard	12.500	4.03	11205.850	10602.818	13.211	12.7	1.6	NO		NO	bb
5	5 170810M2_6	Standard	12.500	4.03	11041.968	10918.573	12.641	12.2	-2.7	NO		NO	bb
6	6 170810M2_7	Standard	12.500	4.03	11122.137	9895.137	14.050	13.5	8.1	NO		NO	bb
7	7 170810M2_8	Standard	12.500	4.03	10002.095	10000.603	12.502	12.0	-3.8	NO		NO	bb
8	8 170810M2_9	Standard	12.500	4.02	11632.687	11222.943	12.956	12.5	-0.3	NO		NO	bb
9	9 170810M2_10	Standard	12.500	4.01	10617.809	10708.807	12.394	11.9	-4.6	NO		NO	bd
10	10 170810M2_11	Standard	12.500	4.01	9250.272	8584.092	13.470	13.0	3.6	NO		NO	bd

Compound name: 13C2-PFDA

Response Factor: 0.970789

RRF SD: 0.0673883, Relative SD: 6.9416

Response type: Internal Std (Ref 57), 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 170810M2_2	Standard	12.500	4.15	55995.238	62130.031	11.266	11.6	-7.2	NO		NO	bb
2	2 170810M2_3	Standard	12.500	4.16	55977.539	56889.133	12.300	12.7	1.4	NO		NO	bb
3	3 170810M2_4	Standard	12.500	4.16	58804.391	63530.797	11.570	11.9	-4.7	NO		NO	bb
4	4 170810M2_5	Standard	12.500	4.16	50928.629	56949.430	11.178	11.5	-7.9	NO		NO	bb
5	5 170810M2_6	Standard	12.500	4.16	56490.598	58825.063	12.004	12.4	-1.1	NO		NO	bb
6	6 170810M2_7	Standard	12.500	4.16	59644.734	57823.469	12.894	13.3	6.3	NO		NO	bb
7	7 170810M2_8	Standard	12.500	4.15	50433.004	53425.855	11.800	12.2	-2.8	NO		NO	bb
8	8 170810M2_9	Standard	12.500	4.14	63572.438	62756.719	12.662	13.0	4.3	NO		NO	bb
9	9 170810M2_10	Standard	12.500	4.13	58295.023	62057.383	11.742	12.1	-3.2	NO		NO	bb
10	10 170810M2_11	Standard	12.500	4.13	52405.832	47017.207	13.933	14.4	14.8	NO		NO	bb

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: 13C2-8:2 FTS

Response Factor: 0.140279

RRF SD: 0.0220172, Relative SD: 15.6953

Response type: Internal Std (Ref 57), 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 170810M2_2	Standard	12.500	4.15	7665.451	62130.031	1.542	11.0	-12.0	NO		NO	bb
2	2 170810M2_3	Standard	12.500	4.16	7353.410	56889.133	1.616	11.5	-7.9	NO		NO	bb
3	3 170810M2_4	Standard	12.500	4.16	7736.133	63530.797	1.522	10.9	-13.2	NO		NO	bb
4	4 170810M2_5	Standard	12.500	4.15	7913.699	56949.430	1.737	12.4	-0.9	NO		NO	bb
5	5 170810M2_6	Standard	12.500	4.15	7743.167	58825.063	1.645	11.7	-6.2	NO		NO	bb
6	6 170810M2_7	Standard	12.500	4.15	7632.894	57823.469	1.650	11.8	-5.9	NO		NO	bb
7	7 170810M2_8	Standard	12.500	4.15	7336.241	53425.855	1.716	12.2	-2.1	NO		NO	bb
8	8 170810M2_9	Standard	12.500	4.14	9762.668	62756.719	1.945	13.9	10.9	NO		NO	bb
9	9 170810M2_10	Standard	12.500	4.12	11954.295	62057.383	2.408	17.2	37.3	NO		NO	bb
10	10 170810M2_11	Standard	12.500	4.12	13632.657	47017.207	3.624	25.8	106.7	NO		NO	bbX

Compound name: d3-N-MeFOSAA

Response Factor: 0.0177885

RRF SD: 0.00168688, Relative SD: 9.48297

Response type: Internal Std (Ref 58), 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 170810M2_2	Standard	162.500	4.18	13096.980	56516.137	2.897	162.8	0.2	NO		NO	bb
2	2 170810M2_3	Standard	162.500	4.19	13619.695	54058.969	3.149	177.0	8.9	NO		NO	bb
3	3 170810M2_4	Standard	162.500	4.19	13420.139	58876.535	2.849	160.2	-1.4	NO		NO	bb
4	4 170810M2_5	Standard	162.500	4.18	14342.013	54908.402	3.265	183.5	13.0	NO		NO	bb
5	5 170810M2_6	Standard	162.500	4.18	14009.009	66408.094	2.637	148.2	-8.8	NO		NO	bb
6	6 170810M2_7	Standard	162.500	4.18	13329.100	50136.242	3.323	186.8	15.0	NO		NO	bb
7	7 170810M2_8	Standard	162.500	4.18	12505.077	55712.629	2.806	157.7	-2.9	NO		NO	bb
8	8 170810M2_9	Standard	162.500	4.17	14369.895	65160.934	2.757	155.0	-4.6	NO		NO	bb
9	9 170810M2_10	Standard	162.500	4.16	13581.694	61852.313	2.745	154.3	-5.0	NO		NO	bb
10	10 170810M2_11	Standard	162.500	4.16	11942.306	60220.047	2.479	139.4	-14.2	NO		NO	bb

Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: d5-N-EtFOSAA

Response Factor: 0.018231

RRF SD: 0.00158227, Relative SD: 8.67901

Response type: Internal Std (Ref 58), 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 170810M2_2	Standard	162.500	4.25	13212.761	56516.137	2.922	160.3	-1.4	NO		NO	bb
2	2 170810M2_3	Standard	162.500	4.26	13188.293	54058.969	3.050	167.3	2.9	NO		NO	bb
3	3 170810M2_4	Standard	162.500	4.26	13739.960	58876.535	2.917	160.0	-1.5	NO		NO	bb
4	4 170810M2_5	Standard	162.500	4.25	13472.679	54908.402	3.067	168.2	3.5	NO		NO	bb
5	5 170810M2_6	Standard	162.500	4.25	13386.724	66408.094	2.520	138.2	-14.9	NO		NO	bb
6	6 170810M2_7	Standard	162.500	4.25	14147.375	50136.242	3.527	193.5	19.1	NO		NO	bb
7	7 170810M2_8	Standard	162.500	4.25	13121.947	55712.629	2.944	161.5	-0.6	NO		NO	bb
8	8 170810M2_9	Standard	162.500	4.23	15456.478	65160.934	2.965	162.6	0.1	NO		NO	bb
9	9 170810M2_10	Standard	162.500	4.23	14790.417	61852.313	2.989	164.0	0.9	NO		NO	bb
10	10 170810M2_11	Standard	162.500	4.22	13123.576	60220.047	2.724	149.4	-8.0	NO		NO	bb

Compound name: 13C2-PFUnA

Response Factor: 1.08514

RRF SD: 0.0880815, Relative SD: 8.11704

Response type: Internal Std (Ref 58), 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 170810M2_2	Standard	12.500	4.33	57444.809	56516.137	12.705	11.7	-6.3	NO		NO	bb
2	2 170810M2_3	Standard	12.500	4.34	62078.648	54058.969	14.354	13.2	5.8	NO		NO	bb
3	3 170810M2_4	Standard	12.500	4.34	64503.668	58876.535	13.695	12.6	1.0	NO		NO	bb
4	4 170810M2_5	Standard	12.500	4.33	59270.816	54908.402	13.493	12.4	-0.5	NO		NO	bb
5	5 170810M2_6	Standard	12.500	4.32	69700.664	66408.094	13.120	12.1	-3.3	NO		NO	bb
6	6 170810M2_7	Standard	12.500	4.34	61611.820	50136.242	15.361	14.2	13.2	NO		NO	bb
7	7 170810M2_8	Standard	12.500	4.33	52882.594	55712.629	11.865	10.9	-12.5	NO		NO	bb
8	8 170810M2_9	Standard	12.500	4.32	68600.250	65160.934	13.160	12.1	-3.0	NO		NO	bb
9	9 170810M2_10	Standard	12.500	4.30	74813.570	61852.313	15.119	13.9	11.5	NO		NO	bb
10	10 170810M2_11	Standard	12.500	4.30	61521.715	60220.047	12.770	11.8	-5.9	NO		NO	bb

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: 13C2-PFDoA

Response Factor: 0.123132

RRF SD: 0.0129407, Relative SD: 10.5096

Response type: Internal Std (Ref 58), 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 170810M2_2	Standard	12.500	4.51	6520.931	56516.137	1.442	11.7	-6.3	NO		NO	bb
2	2 170810M2_3	Standard	12.500	4.52	7169.665	54058.969	1.658	13.5	7.7	NO		NO	bb
3	3 170810M2_4	Standard	12.500	4.52	7950.386	58876.535	1.688	13.7	9.7	NO		NO	bb
4	4 170810M2_5	Standard	12.500	4.51	7572.749	54908.402	1.724	14.0	12.0	NO		NO	bb
5	5 170810M2_6	Standard	12.500	4.51	6676.272	66408.094	1.257	10.2	-18.4	NO		NO	bb
6	6 170810M2_7	Standard	12.500	4.51	7074.396	50136.242	1.764	14.3	14.6	NO		NO	bb
7	7 170810M2_8	Standard	12.500	4.51	6639.138	55712.629	1.490	12.1	-3.2	NO		NO	bb
8	8 170810M2_9	Standard	12.500	4.49	7805.791	65160.934	1.497	12.2	-2.7	NO		NO	bb
9	9 170810M2_10	Standard	12.500	4.48	7118.316	61852.313	1.439	11.7	-6.5	NO		NO	bb
10	10 170810M2_11	Standard	12.500	4.48	6906.029	60220.047	1.433	11.6	-6.9	NO		NO	MM

Compound name: d3-N-MeFOSA

Response Factor: 0.0432669

RRF SD: 0.0047116, Relative SD: 10.8896

Response type: Internal Std (Ref 58), 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 170810M2_2	Standard	150.000	4.58	27716.932	56516.137	6.130	141.7	-5.5	NO		NO	bb
2	2 170810M2_3	Standard	150.000	4.59	27527.555	54058.969	6.365	147.1	-1.9	NO		NO	bb
3	3 170810M2_4	Standard	150.000	4.59	27554.281	58876.535	5.850	135.2	-9.9	NO		NO	bb
4	4 170810M2_5	Standard	150.000	4.58	27954.211	54908.402	6.364	147.1	-1.9	NO		NO	bb
5	5 170810M2_6	Standard	150.000	4.58	26972.852	66408.094	5.077	117.3	-21.8	NO		NO	bb
6	6 170810M2_7	Standard	150.000	4.57	29265.723	50136.242	7.297	168.6	12.4	NO		NO	bb
7	7 170810M2_8	Standard	150.000	4.55	29202.176	55712.629	6.552	151.4	1.0	NO		NO	bb
8	8 170810M2_9	Standard	150.000	4.54	35066.203	65160.934	6.727	155.5	3.6	NO		NO	bb
9	9 170810M2_10	Standard	150.000	4.53	36176.391	61852.313	7.311	169.0	12.7	NO		NO	bb
10	10 170810M2_11	Standard	150.000	4.53	34819.609	60220.047	7.228	167.0	11.4	NO		NO	bb

Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: 13C2-PFTeDA

Response Factor: 0.797804

RRF SD: 0.0690308, Relative SD: 8.6526

Response type: Internal Std (Ref 58), 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 170810M2_2	Standard	12.500	4.90	43934.512	56516.137	9.717	12.2	-2.6	NO		NO	bb
2	2 170810M2_3	Standard	12.500	4.91	44478.961	54058.969	10.285	12.9	3.1	NO		NO	bb
3	3 170810M2_4	Standard	12.500	4.91	48823.219	58876.535	10.366	13.0	3.9	NO		NO	bb
4	4 170810M2_5	Standard	12.500	4.90	47903.941	54908.402	10.905	13.7	9.4	NO		NO	bb
5	5 170810M2_6	Standard	12.500	4.90	43352.480	66408.094	8.160	10.2	-18.2	NO		NO	bb
6	6 170810M2_7	Standard	12.500	4.90	45414.316	50136.242	11.323	14.2	13.5	NO		NO	bb
7	7 170810M2_8	Standard	12.500	4.90	43089.582	55712.629	9.668	12.1	-3.1	NO		NO	bb
8	8 170810M2_9	Standard	12.500	4.87	49984.359	65160.934	9.589	12.0	-3.8	NO		NO	bb
9	9 170810M2_10	Standard	12.500	4.86	50076.543	61852.313	10.120	12.7	1.5	NO		NO	MM
10	10 170810M2_11	Standard	12.500	4.86	46214.285	60220.047	9.593	12.0	-3.8	NO		NO	MM

Compound name: d5-N-ETFOSA

Response Factor: 0.0556786

RRF SD: 0.00566563, Relative SD: 10.1756

Response type: Internal Std (Ref 58), 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 170810M2_2	Standard	150.000	5.02	35807.328	56516.137	7.920	142.2	-5.2	NO		NO	bb
2	2 170810M2_3	Standard	150.000	5.03	35651.246	54058.969	8.244	148.1	-1.3	NO		NO	bb
3	3 170810M2_4	Standard	150.000	5.03	36907.691	58876.535	7.836	140.7	-6.2	NO		NO	bb
4	4 170810M2_5	Standard	150.000	5.03	37358.246	54908.402	8.505	152.7	1.8	NO		NO	bb
5	5 170810M2_6	Standard	150.000	5.02	34930.285	66408.094	6.575	118.1	-21.3	NO		NO	bb
6	6 170810M2_7	Standard	150.000	5.01	38343.563	50136.242	9.560	171.7	14.5	NO		NO	bb
7	7 170810M2_8	Standard	150.000	5.00	36419.504	55712.629	8.171	146.8	-2.2	NO		NO	bb
8	8 170810M2_9	Standard	150.000	4.98	43820.121	65160.934	8.406	151.0	0.7	NO		NO	bb
9	9 170810M2_10	Standard	150.000	4.97	46286.176	61852.313	9.354	168.0	12.0	NO		NO	bb
10	10 170810M2_11	Standard	150.000	4.97	43106.852	60220.047	8.948	160.7	7.1	NO		NO	bb

Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: 13C2-PFHxDA

Response Factor: 0.92647

RRF SD: 0.0912877, Relative SD: 9.85328

Response type: Internal Std (Ref 58), 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 170810M2_2	Standard	5.000	5.29	20425.877	56516.137	4.518	4.9	-2.5	NO		NO	bb
2	2 170810M2_3	Standard	5.000	5.30	20498.971	54058.969	4.740	5.1	2.3	NO		NO	bb
3	3 170810M2_4	Standard	5.000	5.30	21206.127	58876.535	4.502	4.9	-2.8	NO		NO	bb
4	4 170810M2_5	Standard	5.000	5.29	22826.240	54908.402	5.196	5.6	12.2	NO		NO	bb
5	5 170810M2_6	Standard	5.000	5.28	20867.588	66408.094	3.928	4.2	-15.2	NO		NO	bb
6	6 170810M2_7	Standard	5.000	5.29	21425.330	50136.242	5.342	5.8	15.3	NO		NO	bb
7	7 170810M2_8	Standard	5.000	5.28	19445.941	55712.629	4.363	4.7	-5.8	NO		NO	bb
8	8 170810M2_9	Standard	5.000	5.26	23300.309	65160.934	4.470	4.8	-3.5	NO		NO	MM
9	9 170810M2_10	Standard	5.000	5.25	15976.768	61852.313	3.229	3.5	-30.3	NO		NO	bbX
10	10 170810M2_11	Standard	5.000	5.24	11401.953	60220.047	2.367	2.6	-48.9	NO		NO	bbX

Compound name: d7-N-MeFOSE

Response Factor: 0.0594448

RRF SD: 0.00621154, Relative SD: 10.4492

Response type: Internal Std (Ref 58), 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 170810M2_2	Standard	150.000	5.26	37456.684	56516.137	8.285	139.4	-7.1	NO		NO	bb
2	2 170810M2_3	Standard	150.000	5.28	37182.391	54058.969	8.598	144.6	-3.6	NO		NO	bb
3	3 170810M2_4	Standard	150.000	5.28	38748.840	58876.535	8.227	138.4	-7.7	NO		NO	bb
4	4 170810M2_5	Standard	150.000	5.27	38784.367	54908.402	8.829	148.5	-1.0	NO		NO	bb
5	5 170810M2_6	Standard	150.000	5.26	37768.906	66408.094	7.109	119.6	-20.3	NO		NO	bb
6	6 170810M2_7	Standard	150.000	5.27	41681.102	50136.242	10.392	174.8	16.5	NO		NO	bb
7	7 170810M2_8	Standard	150.000	5.26	40391.512	55712.629	9.062	152.5	1.6	NO		NO	bb
8	8 170810M2_9	Standard	150.000	5.25	48233.188	65160.934	9.253	155.7	3.8	NO		NO	bb
9	9 170810M2_10	Standard	150.000	5.24	48233.070	61852.313	9.748	164.0	9.3	NO		NO	bb
10	10 170810M2_11	Standard	150.000	5.24	46562.453	60220.047	9.665	162.6	8.4	NO		NO	bb

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: d9-N-EtFOSE

Response Factor: 0.0594811

RRF SD: 0.00676808, Relative SD: 11.3785

Response type: Internal Std (Ref 58), 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 170810M2_2	Standard	150.000	5.44	36366.551	56516.137	8.043	135.2	-9.8	NO		NO	bb
2	2 170810M2_3	Standard	150.000	5.45	37921.910	54058.969	8.769	147.4	-1.7	NO		NO	bb
3	3 170810M2_4	Standard	150.000	5.44	37938.703	58876.535	8.055	135.4	-9.7	NO		NO	bb
4	4 170810M2_5	Standard	150.000	5.44	39692.059	54908.402	9.036	151.9	1.3	NO		NO	bb
5	5 170810M2_6	Standard	150.000	5.44	37298.547	66408.094	7.021	118.0	-21.3	NO		NO	bb
6	6 170810M2_7	Standard	150.000	5.44	39826.883	50136.242	9.930	166.9	11.3	NO		NO	bb
7	7 170810M2_8	Standard	150.000	5.43	39464.043	55712.629	8.854	148.9	-0.8	NO		NO	bb
8	8 170810M2_9	Standard	150.000	5.42	48142.445	65160.934	9.235	155.3	3.5	NO		NO	bb
9	9 170810M2_10	Standard	150.000	5.41	50641.645	61852.313	10.234	172.1	14.7	NO		NO	bb
10	10 170810M2_11	Standard	150.000	5.41	48390.172	60220.047	10.044	168.9	12.6	NO		NO	bb

Compound name: 13C4-PFBA

Response Factor: 1

RRF SD: 7.40149e-017, Relative SD: 7.40149e-015

Response type: Internal Std (Ref 51), 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 170810M2_2	Standard	12.500	1.91	17253.230	17253.230	12.500	12.5	0.0	NO		NO	bb
2	2 170810M2_3	Standard	12.500	1.92	17209.924	17209.924	12.500	12.5	0.0	NO		NO	bb
3	3 170810M2_4	Standard	12.500	1.92	17869.518	17869.518	12.500	12.5	0.0	NO		NO	bb
4	4 170810M2_5	Standard	12.500	1.91	17173.609	17173.609	12.500	12.5	0.0	NO		NO	bb
5	5 170810M2_6	Standard	12.500	1.91	18114.355	18114.355	12.500	12.5	0.0	NO		NO	bb
6	6 170810M2_7	Standard	12.500	1.91	18442.018	18442.018	12.500	12.5	0.0	NO		NO	bb
7	7 170810M2_8	Standard	12.500	1.92	17753.158	17753.158	12.500	12.5	0.0	NO		NO	bb
8	8 170810M2_9	Standard	12.500	1.91	21098.885	21098.885	12.500	12.5	0.0	NO		NO	bb
9	9 170810M2_10	Standard	12.500	1.90	20835.586	20835.586	12.500	12.5	0.0	NO		NO	bb
10	10 170810M2_11	Standard	12.500	1.90	20606.902	20606.902	12.500	12.5	0.0	NO		NO	bb

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: 13C5-PFHxA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 52), 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 170810M2_2	Standard	5.000	3.32	38245.879	38245.879	5.000	5.0	0.0	NO		NO	bb
2	2 170810M2_3	Standard	5.000	3.32	40090.316	40090.316	5.000	5.0	0.0	NO		NO	bb
3	3 170810M2_4	Standard	5.000	3.32	41622.215	41622.215	5.000	5.0	0.0	NO		NO	bb
4	4 170810M2_5	Standard	5.000	3.32	39798.098	39798.098	5.000	5.0	0.0	NO		NO	bb
5	5 170810M2_6	Standard	5.000	3.32	41689.316	41689.316	5.000	5.0	0.0	NO		NO	bb
6	6 170810M2_7	Standard	5.000	3.32	41735.027	41735.027	5.000	5.0	0.0	NO		NO	bb
7	7 170810M2_8	Standard	5.000	3.32	39240.863	39240.863	5.000	5.0	0.0	NO		NO	bb
8	8 170810M2_9	Standard	5.000	3.31	46120.840	46120.840	5.000	5.0	0.0	NO		NO	bb
9	9 170810M2_10	Standard	5.000	3.30	45642.266	45642.266	5.000	5.0	0.0	NO		NO	bb
10	10 170810M2_11	Standard	5.000	3.30	44306.922	44306.922	5.000	5.0	0.0	NO		NO	bb

Compound name: 13C3-PFHxS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 53), 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 170810M2_2	Standard	12.500	3.65	7282.960	7282.960	12.500	12.5	0.0	NO		NO	bb
2	2 170810M2_3	Standard	12.500	3.65	8095.660	8095.660	12.500	12.5	0.0	NO		NO	bb
3	3 170810M2_4	Standard	12.500	3.65	8554.390	8554.390	12.500	12.5	0.0	NO		NO	bb
4	4 170810M2_5	Standard	12.500	3.64	9118.271	9118.271	12.500	12.5	0.0	NO		NO	bb
5	5 170810M2_6	Standard	12.500	3.64	8806.590	8806.590	12.500	12.5	0.0	NO		NO	bb
6	6 170810M2_7	Standard	12.500	3.64	8875.088	8875.088	12.500	12.5	0.0	NO		NO	bb
7	7 170810M2_8	Standard	12.500	3.64	8462.481	8462.481	12.500	12.5	0.0	NO		NO	bb
8	8 170810M2_9	Standard	12.500	3.63	9360.616	9360.616	12.500	12.5	0.0	NO		NO	bb
9	9 170810M2_10	Standard	12.500	3.63	9070.533	9070.533	12.500	12.5	0.0	NO		NO	bb
10	10 170810M2_11	Standard	12.500	3.62	8491.929	8491.929	12.500	12.5	0.0	NO		NO	bb

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: 13C8-PFOA

Response Factor: 1

RRF SD: 1.11022e-016, Relative SD: 1.11022e-014

Response type: Internal Std (Ref 54), 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 170810M2_2	Standard	12.500	3.78	54603.613	54603.613	12.500	12.5	0.0	NO		NO	bb
2	2 170810M2_3	Standard	12.500	3.78	58987.684	58987.684	12.500	12.5	0.0	NO		NO	bb
3	3 170810M2_4	Standard	12.500	3.79	60428.516	60428.516	12.500	12.5	0.0	NO		NO	bb
4	4 170810M2_5	Standard	12.500	3.78	61095.281	61095.281	12.500	12.5	0.0	NO		NO	bb
5	5 170810M2_6	Standard	12.500	3.78	56983.695	56983.695	12.500	12.5	0.0	NO		NO	bb
6	6 170810M2_7	Standard	12.500	3.78	53819.109	53819.109	12.500	12.5	0.0	NO		NO	bb
7	7 170810M2_8	Standard	12.500	3.78	52844.020	52844.020	12.500	12.5	0.0	NO		NO	bb
8	8 170810M2_9	Standard	12.500	3.76	63696.625	63696.625	12.500	12.5	0.0	NO		NO	bb
9	9 170810M2_10	Standard	12.500	3.76	61971.621	61971.621	12.500	12.5	0.0	NO		NO	bb
10	10 170810M2_11	Standard	12.500	3.76	53950.348	53950.348	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C9-PFNA

Response Factor: 1

RRF SD: 8.27511e-017, Relative SD: 8.27511e-015

Response type: Internal Std (Ref 55), 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 170810M2_2	Standard	12.500	3.97	62822.277	62822.277	12.500	12.5	0.0	NO		NO	bb
2	2 170810M2_3	Standard	12.500	3.98	69006.492	69006.492	12.500	12.5	0.0	NO		NO	bb
3	3 170810M2_4	Standard	12.500	3.98	64031.563	64031.563	12.500	12.5	0.0	NO		NO	bb
4	4 170810M2_5	Standard	12.500	3.97	63786.367	63786.367	12.500	12.5	0.0	NO		NO	bb
5	5 170810M2_6	Standard	12.500	3.97	59683.719	59683.719	12.500	12.5	0.0	NO		NO	bb
6	6 170810M2_7	Standard	12.500	3.97	67704.961	67704.961	12.500	12.5	0.0	NO		NO	bb
7	7 170810M2_8	Standard	12.500	3.97	61617.066	61617.066	12.500	12.5	0.0	NO		NO	bb
8	8 170810M2_9	Standard	12.500	3.96	67146.039	67146.039	12.500	12.5	0.0	NO		NO	bb
9	9 170810M2_10	Standard	12.500	3.96	65393.742	65393.742	12.500	12.5	0.0	NO		NO	bb
10	10 170810M2_11	Standard	12.500	3.95	55705.484	55705.484	12.500	12.5	0.0	NO		NO	bb

Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: 13C4-PFOS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 56), 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 170810M2_2	Standard	12.500	4.03	10014.264	10014.264	12.500	12.5	0.0	NO		NO	bb
2	2 170810M2_3	Standard	12.500	4.03	11495.998	11495.998	12.500	12.5	0.0	NO		NO	bb
3	3 170810M2_4	Standard	12.500	4.04	10441.012	10441.012	12.500	12.5	0.0	NO		NO	bb
4	4 170810M2_5	Standard	12.500	4.03	10602.818	10602.818	12.500	12.5	0.0	NO		NO	bb
5	5 170810M2_6	Standard	12.500	4.03	10918.573	10918.573	12.500	12.5	0.0	NO		NO	bb
6	6 170810M2_7	Standard	12.500	4.03	9895.137	9895.137	12.500	12.5	0.0	NO		NO	bb
7	7 170810M2_8	Standard	12.500	4.03	10000.603	10000.603	12.500	12.5	0.0	NO		NO	bb
8	8 170810M2_9	Standard	12.500	4.02	11222.943	11222.943	12.500	12.5	0.0	NO		NO	bb
9	9 170810M2_10	Standard	12.500	4.01	10708.807	10708.807	12.500	12.5	0.0	NO		NO	bb
10	10 170810M2_11	Standard	12.500	4.01	8584.092	8584.092	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C6-PFDA

Response Factor: 1

RRF SD: 8.27511e-017, Relative SD: 8.27511e-015

Response type: Internal Std (Ref 57), 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 170810M2_2	Standard	12.500	4.16	62130.031	62130.031	12.500	12.5	0.0	NO		NO	bb
2	2 170810M2_3	Standard	12.500	4.16	56889.133	56889.133	12.500	12.5	0.0	NO		NO	bb
3	3 170810M2_4	Standard	12.500	4.16	63530.797	63530.797	12.500	12.5	0.0	NO		NO	bb
4	4 170810M2_5	Standard	12.500	4.16	56949.430	56949.430	12.500	12.5	0.0	NO		NO	bb
5	5 170810M2_6	Standard	12.500	4.16	58825.063	58825.063	12.500	12.5	0.0	NO		NO	bb
6	6 170810M2_7	Standard	12.500	4.16	57823.469	57823.469	12.500	12.5	0.0	NO		NO	bb
7	7 170810M2_8	Standard	12.500	4.15	53425.855	53425.855	12.500	12.5	0.0	NO		NO	bb
8	8 170810M2_9	Standard	12.500	4.14	62756.719	62756.719	12.500	12.5	0.0	NO		NO	bb
9	9 170810M2_10	Standard	12.500	4.13	62057.383	62057.383	12.500	12.5	0.0	NO		NO	bb
10	10 170810M2_11	Standard	12.500	4.13	47017.207	47017.207	12.500	12.5	0.0	NO		NO	bb

Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:12:47 Pacific Daylight Time

Compound name: 13C7-PFUnA

Response Factor: 1

RRF SD: 3.70074e-017, Relative SD: 3.70074e-015

Response type: Internal Std (Ref 58), 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 170810M2_2	Standard	12.500	4.33	56516.137	56516.137	12.500	12.5	0.0	NO		NO	bb
2	2 170810M2_3	Standard	12.500	4.34	54058.969	54058.969	12.500	12.5	0.0	NO		NO	bb
3	3 170810M2_4	Standard	12.500	4.34	58876.535	58876.535	12.500	12.5	0.0	NO		NO	bb
4	4 170810M2_5	Standard	12.500	4.34	54908.402	54908.402	12.500	12.5	0.0	NO		NO	bb
5	5 170810M2_6	Standard	12.500	4.33	66408.094	66408.094	12.500	12.5	0.0	NO		NO	bb
6	6 170810M2_7	Standard	12.500	4.33	50136.242	50136.242	12.500	12.5	0.0	NO		NO	bb
7	7 170810M2_8	Standard	12.500	4.32	55712.629	55712.629	12.500	12.5	0.0	NO		NO	bb
8	8 170810M2_9	Standard	12.500	4.31	65160.934	65160.934	12.500	12.5	0.0	NO		NO	bb
9	9 170810M2_10	Standard	12.500	4.30	61852.313	61852.313	12.500	12.5	0.0	NO		NO	bb
10	10 170810M2_11	Standard	12.500	4.30	60220.047	60220.047	12.500	12.5	0.0	NO		NO	bb

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170810M2.SPL
Last Modified: Thursday, August 10, 2017 20:07:32 Pacific Daylight Time
Printed: Thursday, August 10, 2017 20:46:13 Pacific Daylight Time

Page 1 of 6

Page Position (1, 1)

File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
1 170810M2_1	---	IPA	IPA	1.0000	1:48	Blank
2 170810M2_2	---	ST170810M2-1 PFC CS-2 17H1015	PFC CS-2 17H1015	1.0000	1:1	Standard
3 170810M2_3	---	ST170810M2-2 PFC CS-1 17H1003	PFC CS-1 17H1003	1.0000	1:2	Standard
4 170810M2_4	---	ST170810M2-3 PFC CS0 17H1004	PFC CS0 17H1004	1.0000	1:3	Standard
5 170810M2_5	---	ST170810M2-4 PFC CS1 17H1016	PFC CS1 17H1016	1.0000	1:4	Standard
6 170810M2_6	---	ST170810M2-5 PFC CS2 17H1017	PFC CS2 17H1017	1.0000	1:5	Standard
7 170810M2_7	---	ST170810M2-6 PFC CS3 17H1005	PFC CS3 17H1005	1.0000	1:6	Standard
8 170810M2_8	---	ST170810M2-7 PFC CS4 17H1018	PFC CS4 17H1018	1.0000	1:7	Standard
9 170810M2_9	---	ST170810M2-8 PFC CS5 17H1019	PFC CS5 17H1019	1.0000	1:8	Standard
10 170810M2_10	---	ST170810M2-9 PFC CS6 17H1013	PFC CS6 17H1013	1.0000	1:9	Standard
11 170810M2_11	---	ST170810M2-10 PFC CS7 17H1012	PFC CS7 17H1012	1.0000	1:10	Analyte
12 170810M2_12	---	IPA	IPA	1.0000	1:48	Blank
13 170810M2_13	---	SS170810M2-1 PFC SSS 17H1020	PFC SSS 17H1020	1.0000	1:11	Analyte
14 170810M2_14	---	IPA	IPA	1.0000	1:48	Blank
15 170810M2_15	O	1700946-05RE1 MATP05077 1.06	MATP05077	1.0233	1:12	Analyte
16 170810M2_16	---	IPA	IPA	1.0000	1:48	Blank
17 170810M2_17	O	1700946-05RE1@5X MATP05077 1.06	MATP05077	1.0233	1:13	Analyte
18 170810M2_18	---	IPA	IPA	1.0000	1:48	Blank
19 170810M2_19	X	B7H0026-BS1 OPR 1	OPR	1.0000	1:14	Analyte
20 170810M2_20	---	IPA	IPA	1.0000	1:48	Blank
21 170810M2_21	X	B7H0026-BLK1 Method Blank 1	Method Blank	1.0000	1:15	Analyte
22 170810M2_22	---	IPA	IPA	1.0000	1:48	Blank
23 170810M2_23	X	1700946-01 MATP05073 1	MATP05073	1.0000	1:16	Analyte
24 170810M2_24	X	1700946-02 MATP05074 1	MATP05074	1.0000	1:17	Analyte
25 170810M2_25	X	1700946-03 MATP05075 1	MATP05075	1.0000	1:18	Analyte
26 170810M2_26	---	1700946-05 MATP05077 1	MATP05077	1.0000	1:19	Analyte
27 170810M2_27	---	IPA	IPA	1.0000	1:48	Blank
28 170810M2_28	X	1700946-04 MATP05076 1	MATP05076	1.0000	1:20	Analyte
29 170810M2_29	---	IPA	IPA	1.0000	1:48	Blank
30 170810M2_30	---	1700946-05@10X MATP05077 1	MATP05077	1.0000	1:22	Analyte
31 170810M2_31	---	IPA	IPA	1.0000	1:48	Blank
32 170810M2_32	X	1700946-04@10X MATP05076 1	MATP05076	1.0000	1:23	Analyte
33 170810M2_33	---	IPA	IPA	1.0000	1:48	Blank
34 170810M2_34	---	B7H0037-BS1 OPR 0.125	OPR	0.2500	1:24	Analyte
35 170810M2_35	---	IPA	IPA	1.0000	1:48	Blank
36 170810M2_36	X	1701010-02@10X VEL-FOAM-080317 0.125	VEL-FOAM-080317	0.0065	1:25	Analyte
37 170810M2_37	---	IPA	IPA	1.0000	1:48	Blank
38 170810M2_38	---	ST170810M2-11 PFC CS3 17H1005	PFC CS3 17H1005	1.0000	1:6	Standard
39 170810M2_39	---	IPA	IPA	1.0000	1:48	Blank
40 170810M2_40	X	1701010-02 VEL-FOAM-080317 0.125	VEL-FOAM-080317	0.1250	1:26	Analyte

(A) Work Order 1701022
Chrom was changed, new curve run due to slight shifts in P.T. on 8/10/17

DM 8/10/17

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170810M2.SPL
Last Modified: Thursday, August 10, 2017 20:07:32 Pacific Daylight Time
Printed: Thursday, August 10, 2017 20:46:13 Pacific Daylight Time

Page 3 of 6

Page Position (1, 2)

	File Name	RS OK=X	Sample ID	File Text	User Divisor 1	Bottle	Sample Type
41	170810M2_41	---	IPA	IPA	1.0000	1:48	Blank
42	170810M2_42	---	B7H0060-BS1 OPR 2.5	OPR	2.5000	1:27	Analyte
43	170810M2_43	---	B7H0073-BS1 OPR 0.125	OPR	0.1250	1:28	Analyte
44	170810M2_44	---	B7H0074-BS1 OPR 0.125	OPR	0.1250	1:29	Analyte
45	170810M2_45	---	B7H0060-BLK1 Method Blank 2.5	Method Blank	2.5000	1:30	Analyte
46	170810M2_46	---	B7H0073-BLK1 Method Blank 0.125	Method Blank	0.1250	1:31	Analyte
47	170810M2_47	---	B7H0074-BLK1 Method Blank 0.125	Method Blank	0.1250	1:32	Analyte
48	170810M2_48	---	B7H0073-MS1 Matrix Spike 0.0005	Matrix Spike	0.0005	1:33	Analyte
49	170810M2_49	---	IPA	IPA	1.0000	1:48	Blank
50	170810M2_50	---	B7H0073-MSD1 Matrix Spike Dup 0.00139	Matrix Spike Dup	0.0014	1:34	Analyte
51	170810M2_51	---	IPA	IPA	1.0000	1:48	Blank
52	170810M2_52	---	B7H0074-MS1 Matrix Spike 0.125	Matrix Spike	0.1250	1:35	Analyte
53	170810M2_53	---	B7H0074-MSD1 Matrix Spike Dup 0.125	Matrix Spike Dup	0.1250	1:36	Analyte
54	170810M2_54	---	1700819-01RE1 QPFD-14 2.5	QPFD-14	2.5000	1:37	Analyte
55	170810M2_55	---	1700819-02RE1 QPFD-15 2.5	QPFD-15	2.5000	1:38	Analyte
56	170810M2_56	---	IPA	IPA	1.0000	1:48	Blank
57	170810M2_57	---	1700819-03RE1 QPFD-16 2.5	QPFD-16	2.5000	1:39	Analyte
58	170810M2_58	---	1700819-04RE1 QPFD-17 2	QPFD-17	2.0000	1:40	Analyte
59	170810M2_59	---	1700819-05RE1 QPFD-18 2.5	QPFD-18	2.5000	1:41	Analyte
60	170810M2_60	---	1700819-06RE1 QPFD-19 2.5	QPFD-19	2.5000	1:42	Analyte
61	170810M2_61	---	1700819-07RE1 QPFD-20 2.5	QPFD-20	2.5000	1:43	Analyte
62	170810M2_62	---	1700819-08RE1 QPFD-21 2.5	QPFD-21	2.5000	1:44	Analyte
63	170810M2_63	---	1700819-09RE1 QPFD-22 2.5	QPFD-22	2.5000	1:45	Analyte
64	170810M2_64	---	1700819-10RE1 QPFD-23 2.5	QPFD-23	2.5000	1:46	Analyte
65	170810M2_65	---	IPA	IPA	1.0000	1:48	Blank
66	170810M2_66	---	ST170810M2-12 PFC CS0 17H1004	PFC CS0 17H1004	1.0000	1:3	Standard
67	170810M2_67	---	IPA	IPA	1.0000	1:48	Blank
68	170810M2_68	---	1700819-11RE1 QPFD-24 2.5	QPFD-24	2.5000	1:47	Analyte
69	170810M2_69	---	1700819-12RE1 QPFD-25 2.5	QPFD-25	2.5000	2:1	Analyte
70	170810M2_70	---	1700819-13RE1 QPFD-26 2.5	QPFD-26	2.5000	2:2	Analyte
71	170810M2_71	---	1700925-04RE2 I001MW52S-170724 0.00122	I001MW52S-170724	0.0012	2:3	Analyte
72	170810M2_72	---	IPA	IPA	1.0000	1:48	Blank
73	170810M2_73	---	1700925-05RE2 I001MW52X-170724 0.00133	I001MW52X-170724	0.0013	2:4	Analyte
74	170810M2_74	---	IPA	IPA	1.0000	1:48	Blank
75	170810M2_75	---	1700922-01RE1 MH-L103-20170721 0.10565	MH-L103-20170721	0.1056	2:5	Analyte
76	170810M2_76	---	1700922-02RE1 MH-N104-20170721 0.11025	MH-N104-20170721	0.1103	2:6	Analyte
77	170810M2_77	---	1700922-03RE1 Upstream-Culvert-109-20170721 0.1185	Upstream-Culvert-109-20170721	0.1185	2:7	Analyte
78	170810M2_78	---	1700922-04RE1 FRB03-20170721 0.11017	FRB03-20170721	0.1102	2:8	Analyte
79	170810M2_79	---	1700922-05RE1 RB08-20170720 0.11893	RB08-20170720	0.1189	2:9	Analyte
80	170810M2_80	---	IPA	IPA	1.0000	1:48	Blank

Sample List Report

MassLynx MassLynx V4.1 SCN945 SCN960

Sample List: U:\Q4.PRO\SampleDB\170810M2.SPL
Last Modified: Thursday, August 10, 2017 20:07:32 Pacific Daylight Time
Printed: Thursday, August 10, 2017 20:46:13 Pacific Daylight Time

Page 5 of 6

Page Position (1, 3)

File Name	RS OK=X	Sample ID	File Text	User	Divisor 1	Bottle	Sample Type
81 170810M2_81	X	ST170810M2-13 PFC CS3 17H1005	PFC CS3 17H1005		1.0000	1:6	Analyte
82 170810M2_82	---	IPA	IPA		1.0000	1:48	Blank
83 170810M2_83	---	1700922-06RE1 RB09-20170721 0.11676	RB09-20170721		0.1168	2:10	Analyte
84 170810M2_84	---	1700925-01RE1 I001BC43S-170724 0.12112	I001BC43S-170724		0.1211	2:11	Analyte
85 170810M2_85	---	1700925-02RE1 SB01-170724 0.12178	SB01-170724		0.1218	2:12	Analyte
86 170810M2_86	---	1700925-03RE1 I001BC50S-170724 0.12135	I001BC50S-170724		0.1214	2:13	Analyte
87 170810M2_87	---	1700925-06RE1 EB01-170724 0.1185	EB01-170724		0.1185	2:14	Analyte
88 170810M2_88	---	1700929-01RE1 MATP01001 0.11834	MATP01001		0.1183	2:15	Analyte
89 170810M2_89	---	1700929-02RE1 MATP01002 0.1157	MATP01002		0.1157	2:16	Analyte
90 170810M2_90	---	1700938-01RE1 NORP08102 0.11844	NORP08102		0.1184	2:17	Analyte
91 170810M2_91	---	1700938-02RE1 NORP08103 0.12014	NORP08103		0.1201	2:18	Analyte
92 170810M2_92	---	1700938-03RE1 NORP08104 0.11247	NORP08104		0.1125	2:19	Analyte
93 170810M2_93	---	IPA	IPA		1.0000	1:48	Blank
94 170810M2_94	---	ST170810M2-14 PFC CS3 17H1005	PFC CS3 17H1005		1.0000	1:6	Standard
95 170810M2_95	---	IPA	IPA		1.0000	1:48	Blank
96 170810M2_96	---	1700819-02RE1 QPFD-15 2.5	QPFD-15		2.5000	1:21	Analyte
97 170810M2_97	---	IPA	IPA		1.0000	1:48	Blank
98 170810M2_98	---	B7H0073-MS1@20X Matrix Spike 0.0005	Matrix Spike		0.0005	2:20	Analyte
99 170810M2_99	---	IPA	IPA		1.0000	1:48	Blank
100 170810M2_100	---	B7H0073-MSD1@20X Matrix Spike Dup 0.00139	Matrix Spike Dup		0.0014	2:21	Analyte
101 170810M2_101	---	IPA	IPA		1.0000	1:48	Blank
102 170810M2_102	---	1700925-04RE2 I001MW52S-170724 0.00122	I001MW52S-170724		0.0012	2:22	Analyte
103 170810M2_103	---	IPA	IPA		1.0000	1:48	Blank
104 170810M2_104	---	1700925-05RE2 I001MW52X-170724 0.00133	I001MW52X-170724		0.0013	2:23	Analyte
105 170810M2_105	---	IPA	IPA		1.0000	1:48	Blank
106 170810M2_106	X	ST170810M2-15 PFC CS3 17H1005	PFC CS3 17H1005		1.0000	1:6	Analyte
107 170810M2_107	---	IPA	IPA		1.0000	1:48	Blank

⑤ PFDa, PFDa, PFDa, PFDa, & PFDa shifted at of window, samples not injected. am 8/11/17

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-10-17.mdb 11 Aug 2017 08:55:25

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

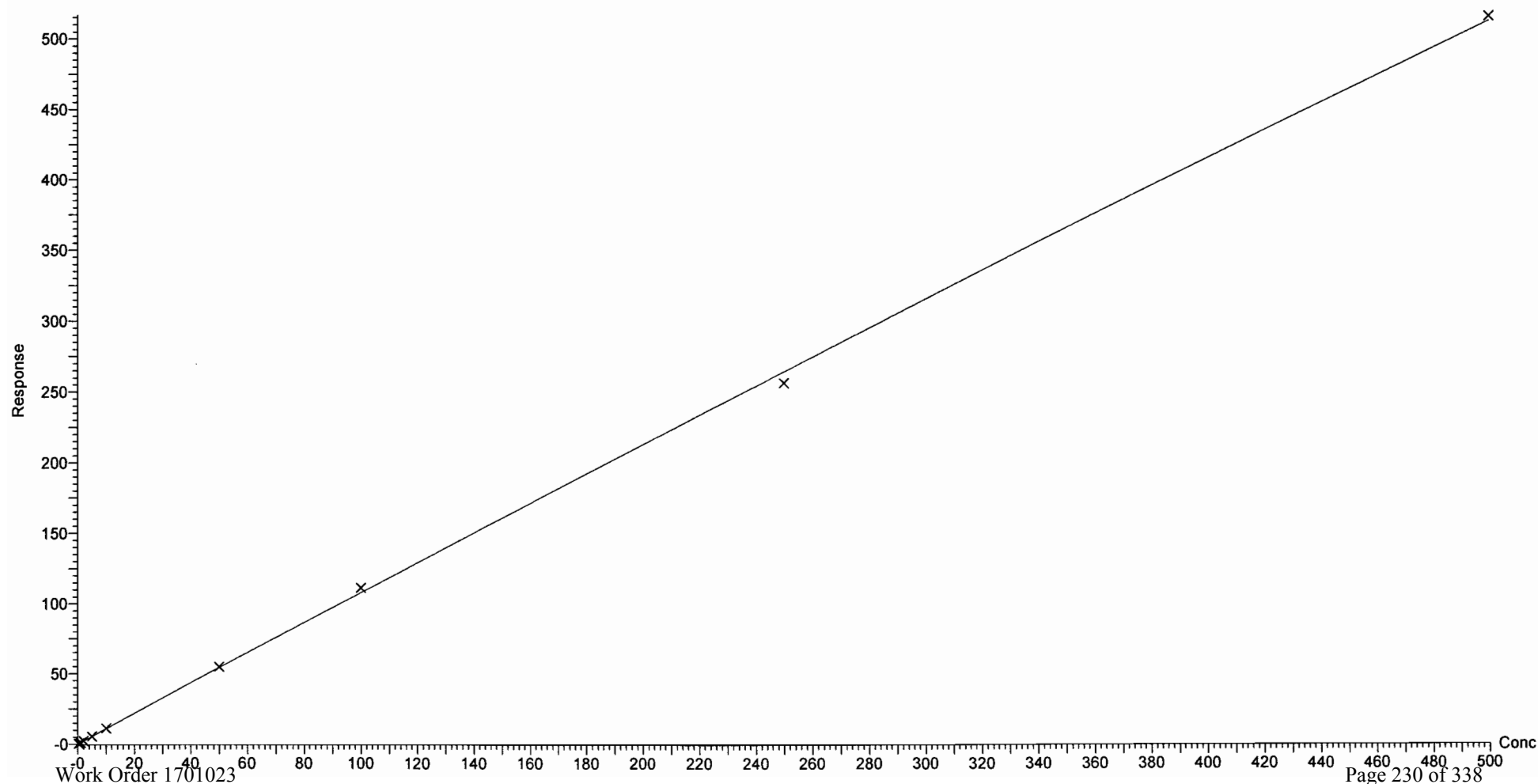
Compound name: PFBA

Coefficient of Determination: $R^2 = 0.999558$

Calibration curve: $-0.000132012 * x^2 + 1.09237 * x + 0.0597566$

Response type: Internal Std (Ref 28), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

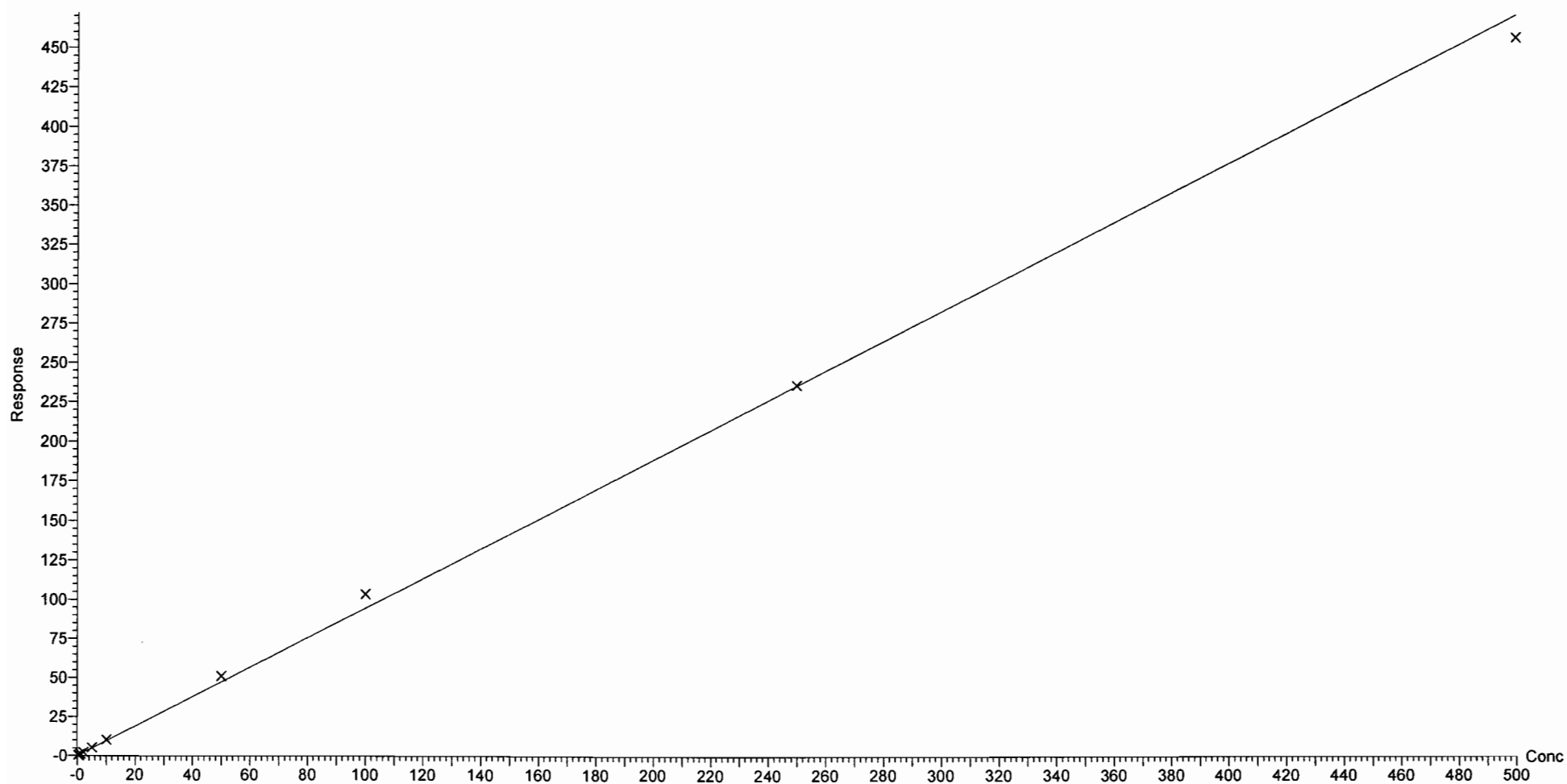
Compound name: PFPeA

Correlation coefficient: $r = 0.999003$, $r^2 = 0.998007$

Calibration curve: $0.943317 * x + 0.117613$

Response type: Internal Std (Ref 29), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

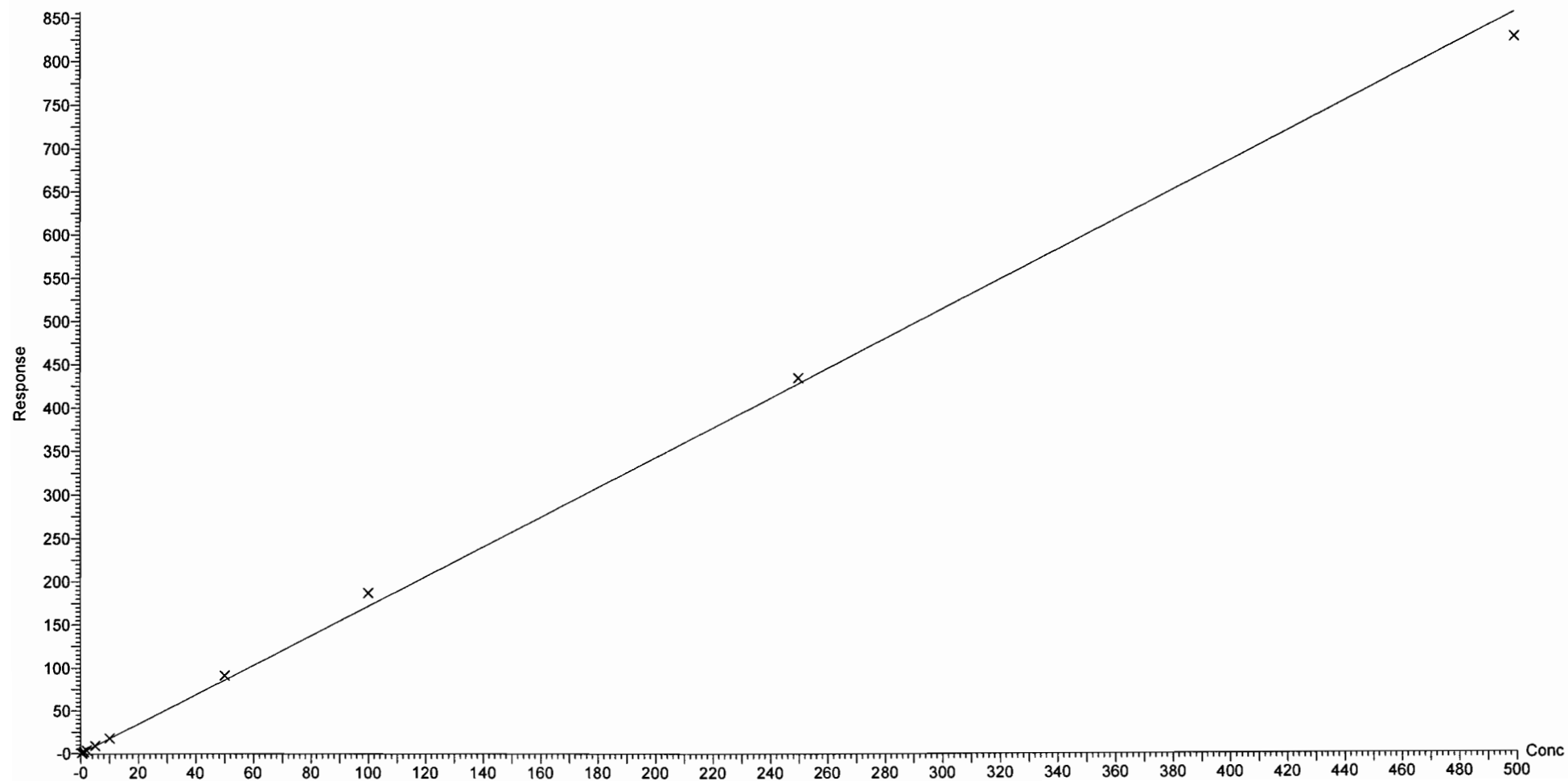
Compound name: PFBS

Correlation coefficient: $r = 0.999068$, $r^2 = 0.998137$

Calibration curve: $1.7128 * x + 0.180452$

Response type: Internal Std (Ref 30), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

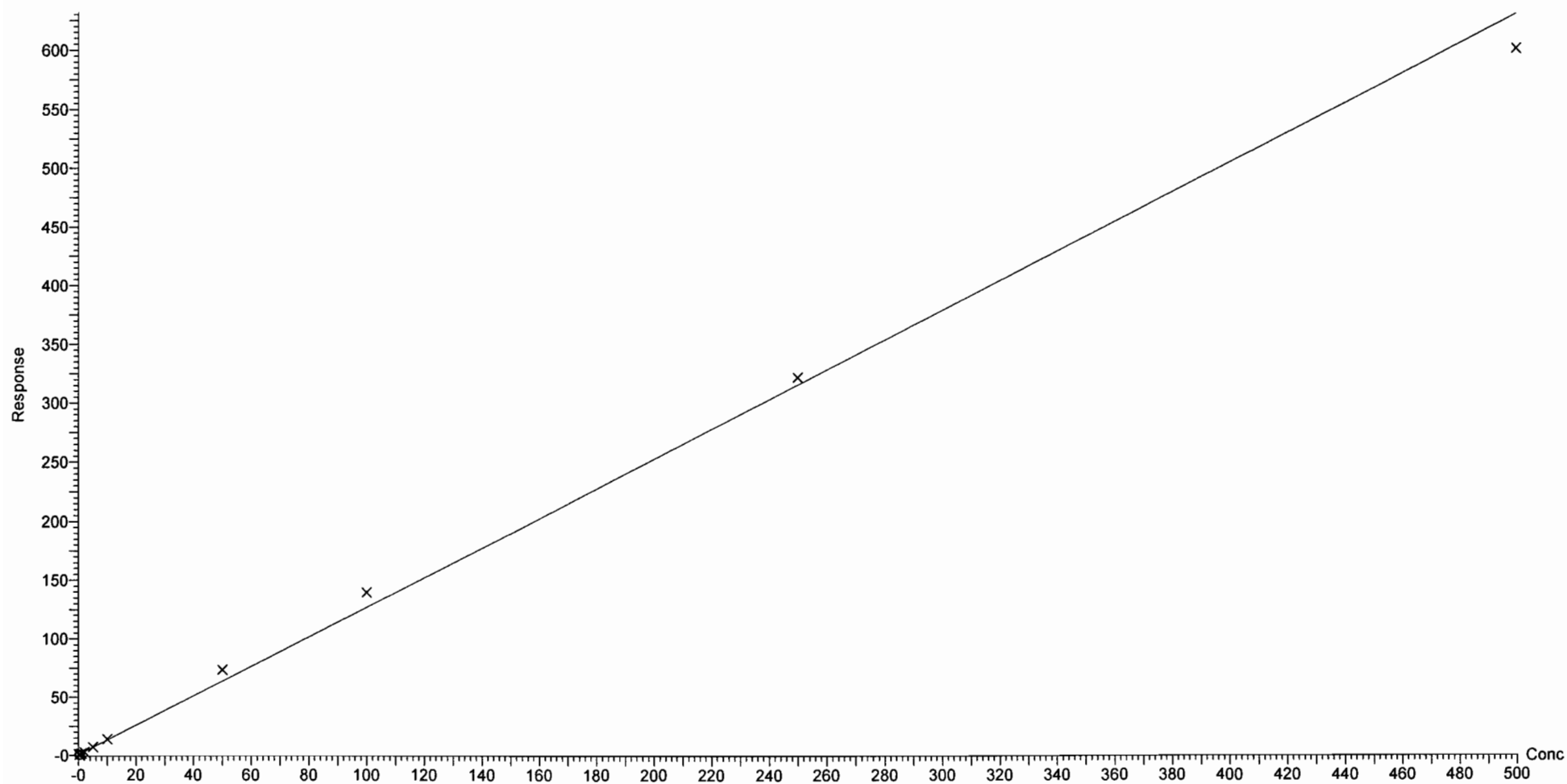
Compound name: PFHxA

Correlation coefficient: $r = 0.997990$, $r^2 = 0.995984$

Calibration curve: $1.26213 * x + 0.638423$

Response type: Internal Std (Ref 31), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

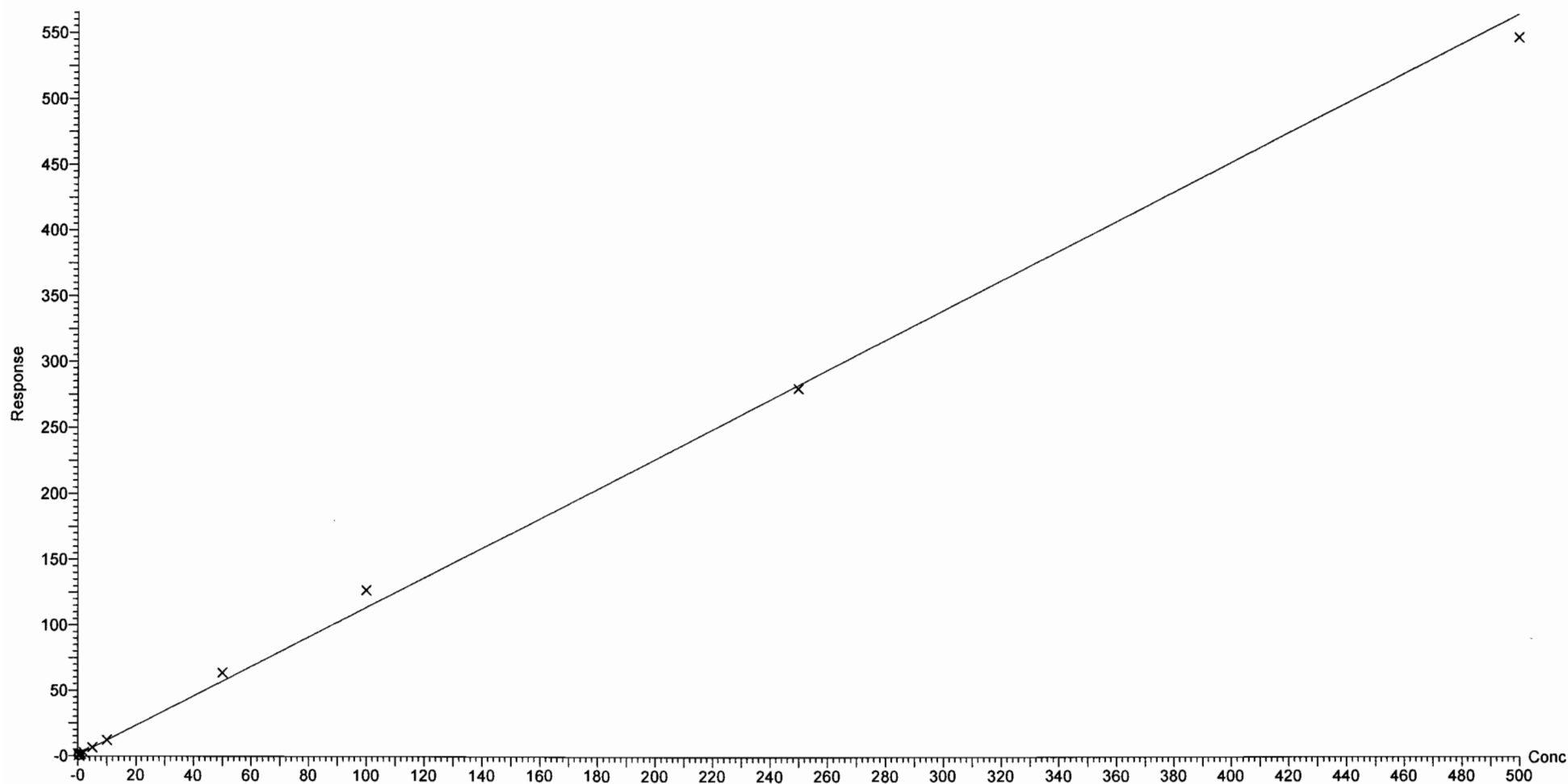
Compound name: PFHpA

Correlation coefficient: $r = 0.998520$, $r^2 = 0.997041$

Calibration curve: $1.13042 * x + 0.520352$

Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

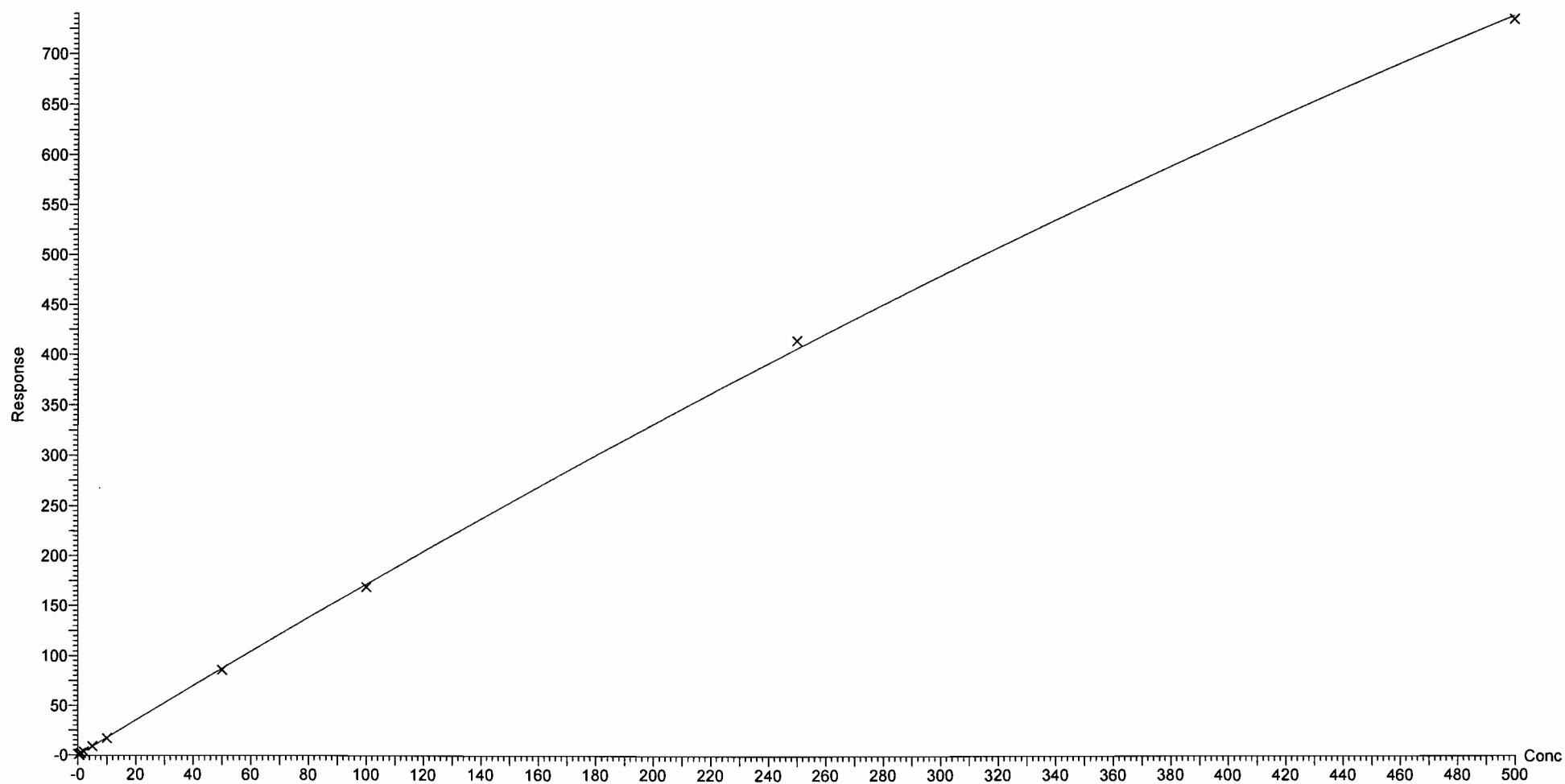
Compound name: PFHxS

Coefficient of Determination: $R^2 = 0.999727$

Calibration curve: $-0.00059344 * x^2 + 1.77788 * x + -0.123769$

Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

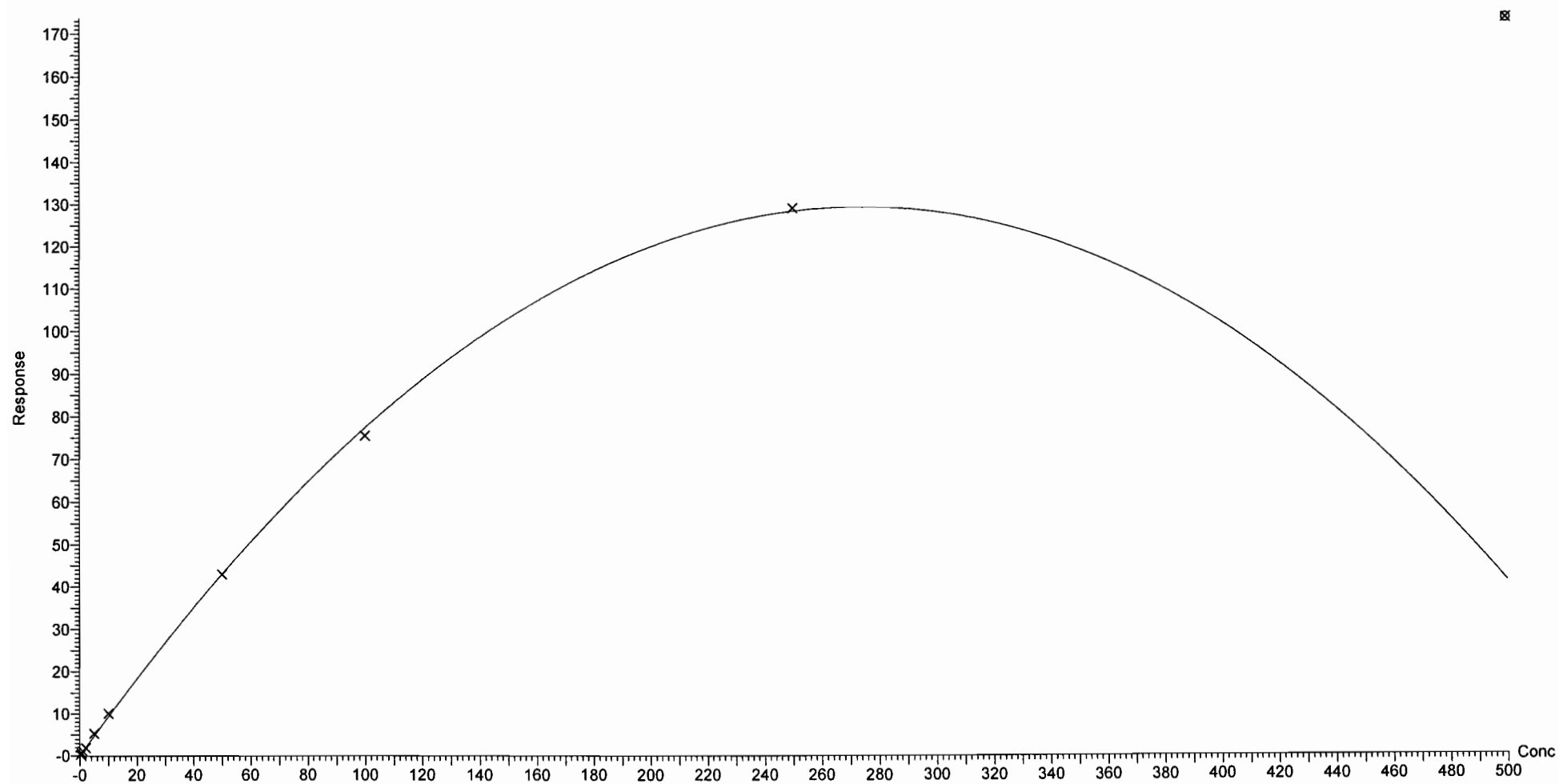
Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.998948$

Calibration curve: $-0.00172688 * x^2 + 0.945449 * x + 0.0555048$

Response type: Internal Std (Ref 34), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

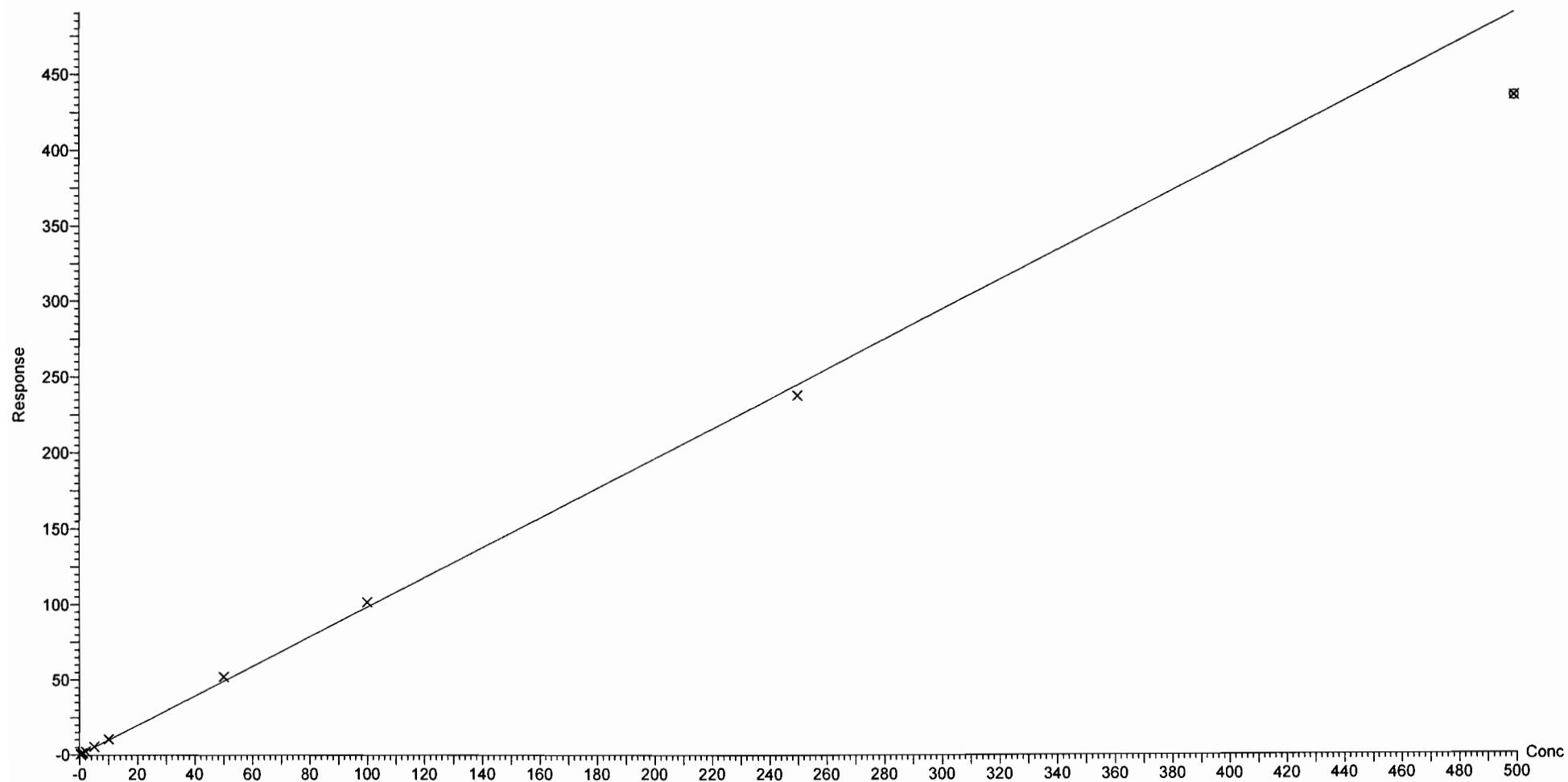
Compound name: PFOA

Correlation coefficient: $r = 0.999304$, $r^2 = 0.998608$

Calibration curve: $0.980416 * x + 0.151461$

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Vista Analytical Laboratory Q1

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

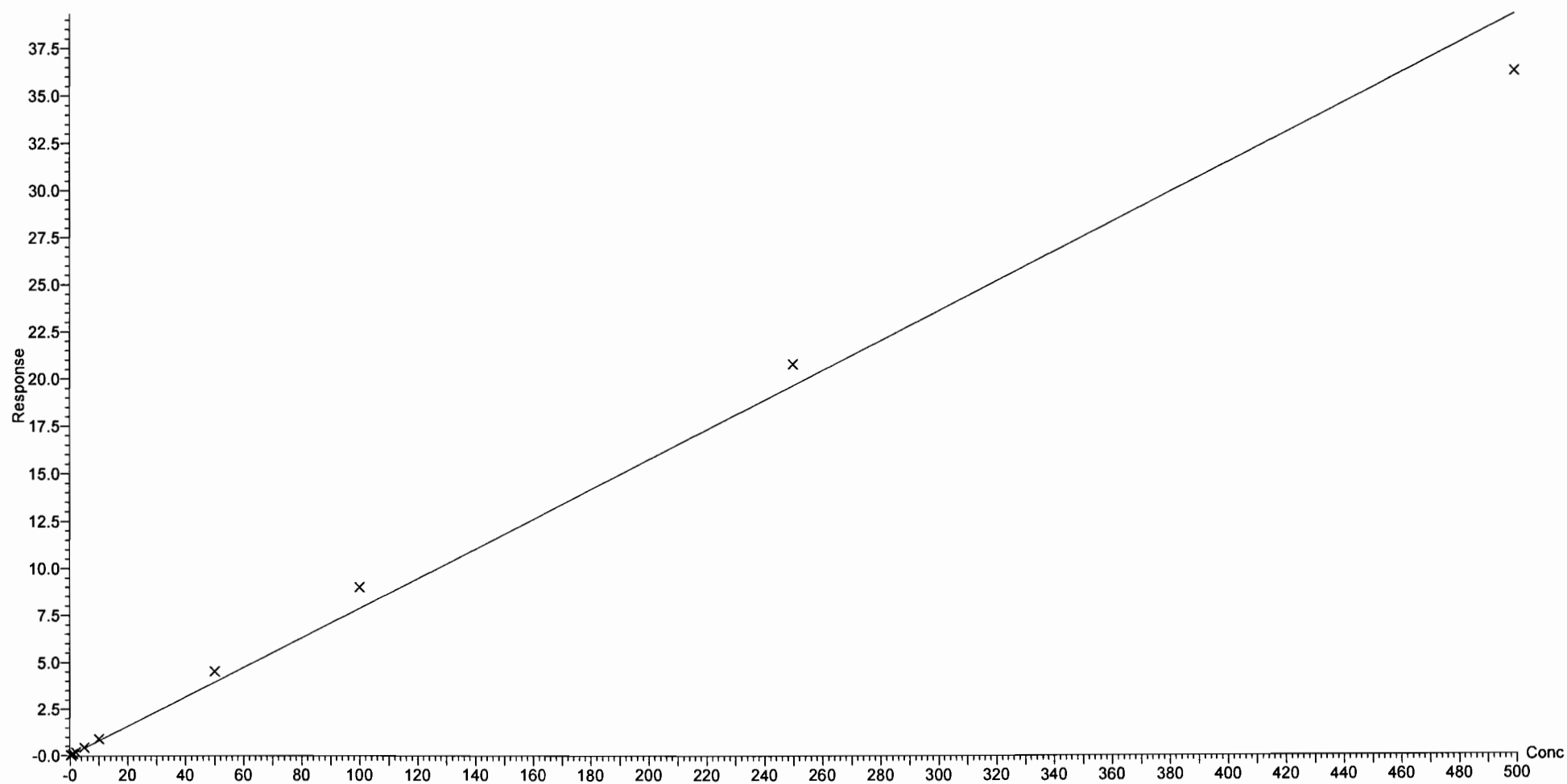
Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

Compound name: PFHpS

Correlation coefficient: $r = 0.995991$, $r^2 = 0.991997$ Calibration curve: $0.0786311 * x + 0.00779766$

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Include, Weighting: $1/x$, Axis trans: None

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

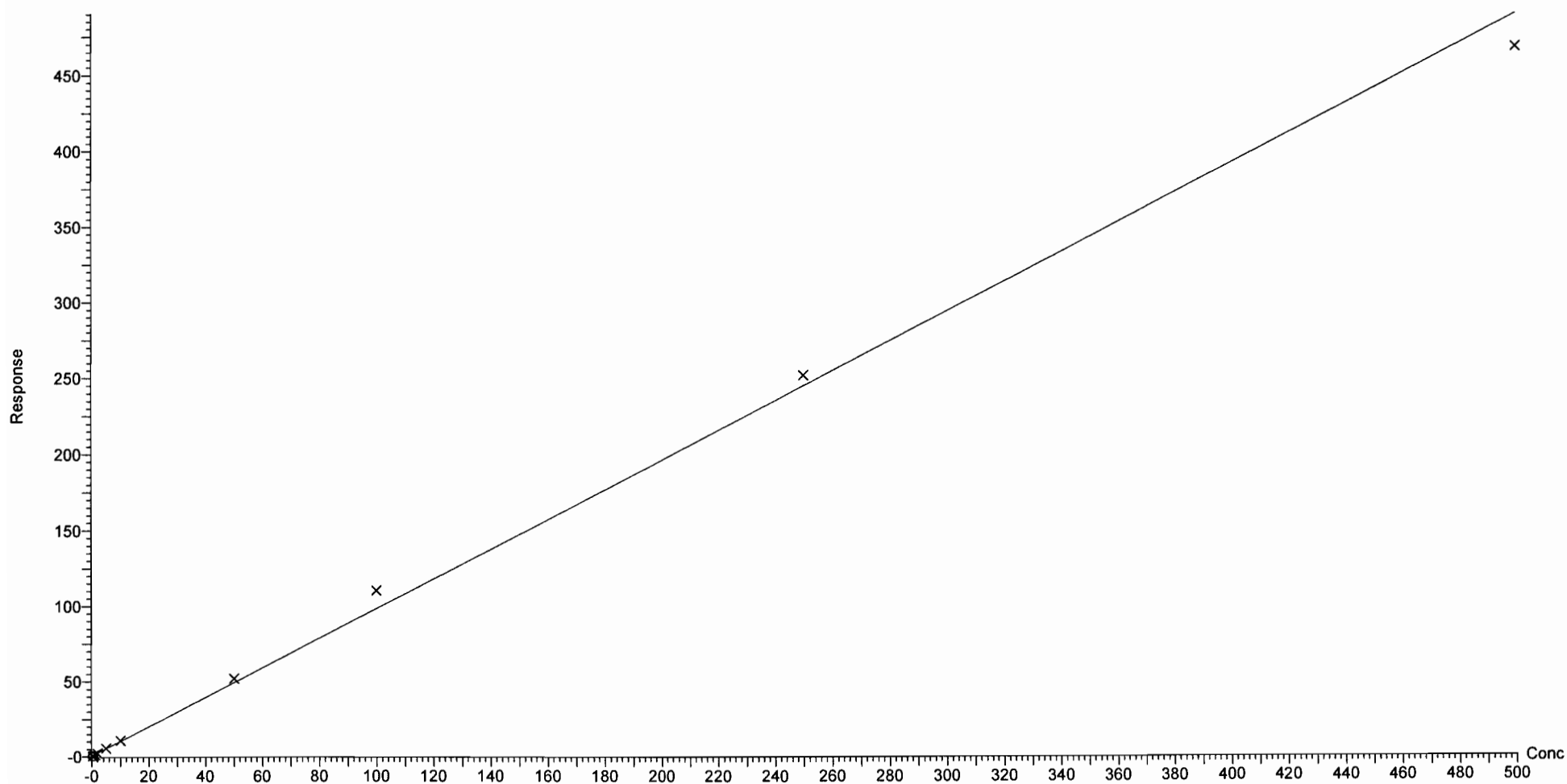
Compound name: PFNA

Correlation coefficient: $r = 0.998366$, $r^2 = 0.996735$

Calibration curve: $0.979826 * x + 0.513479$

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

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

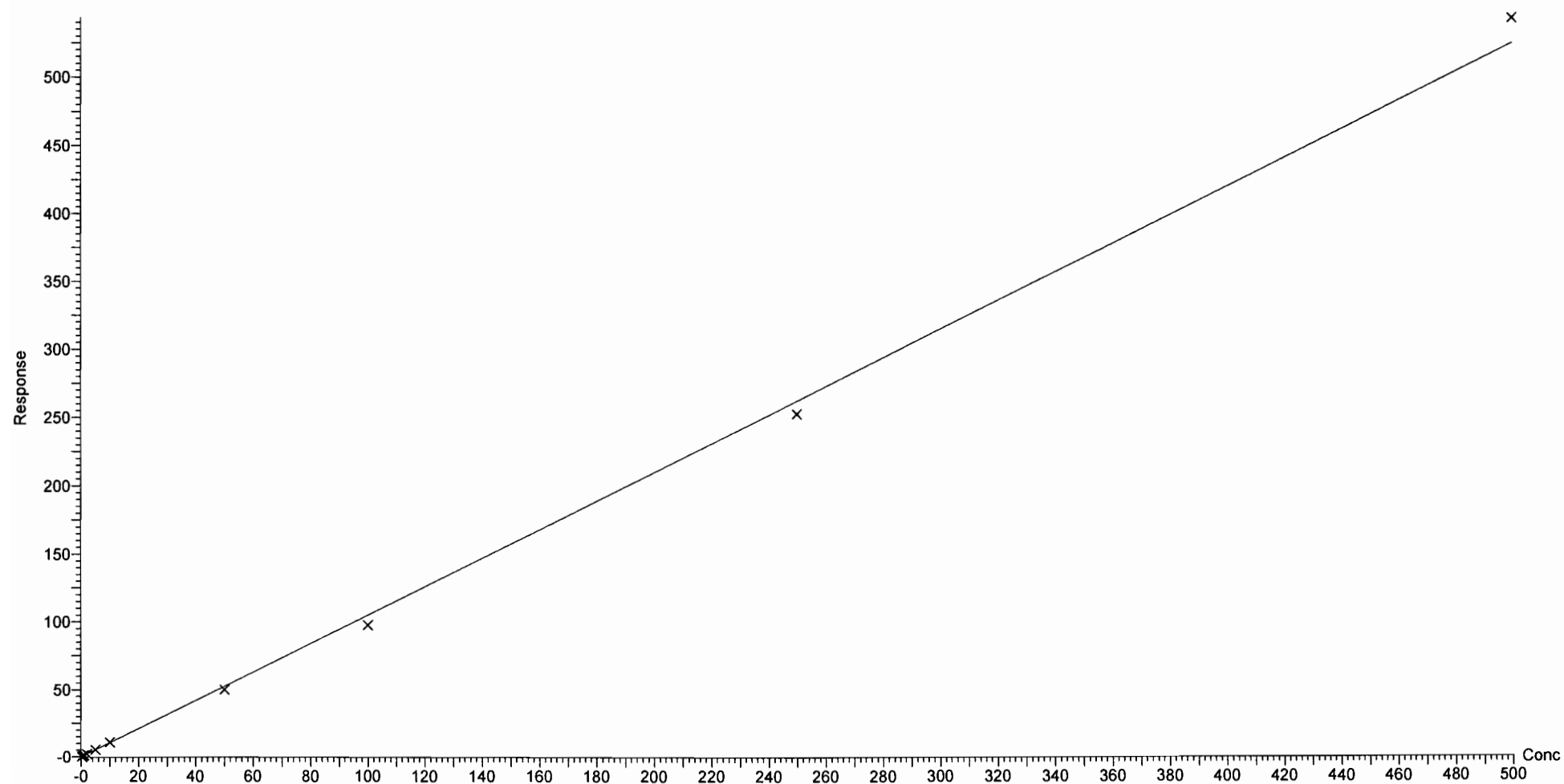
Compound name: PFOSA

Correlation coefficient: $r = 0.999155$, $r^2 = 0.998311$

Calibration curve: $1.04987 * x + 0.0313857$

Response type: Internal Std (Ref 37), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

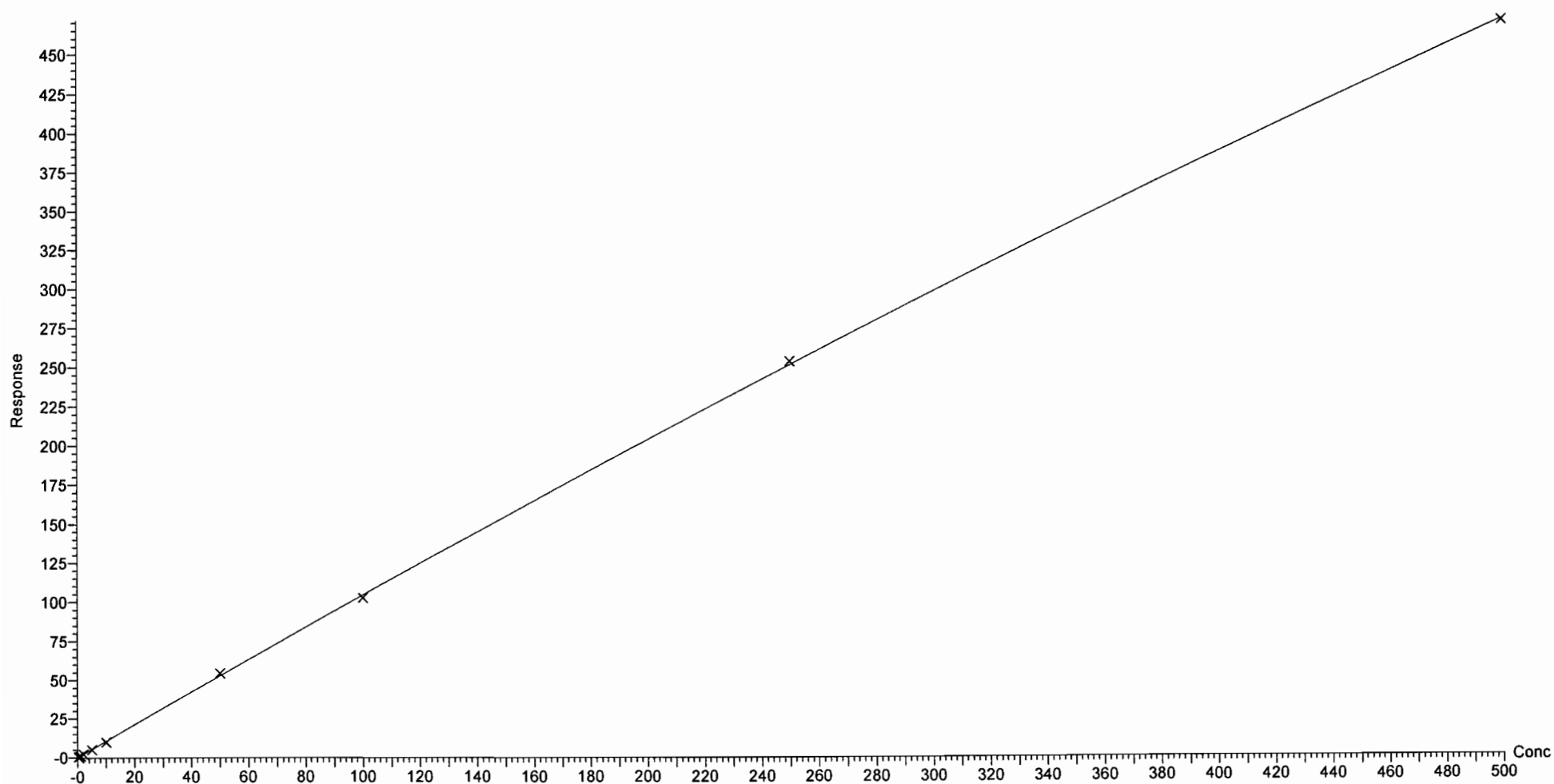
Compound name: PFOS

Coefficient of Determination: $R^2 = 0.999791$

Calibration curve: $-0.000252174 * x^2 + 1.06922 * x + -0.0396957$

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

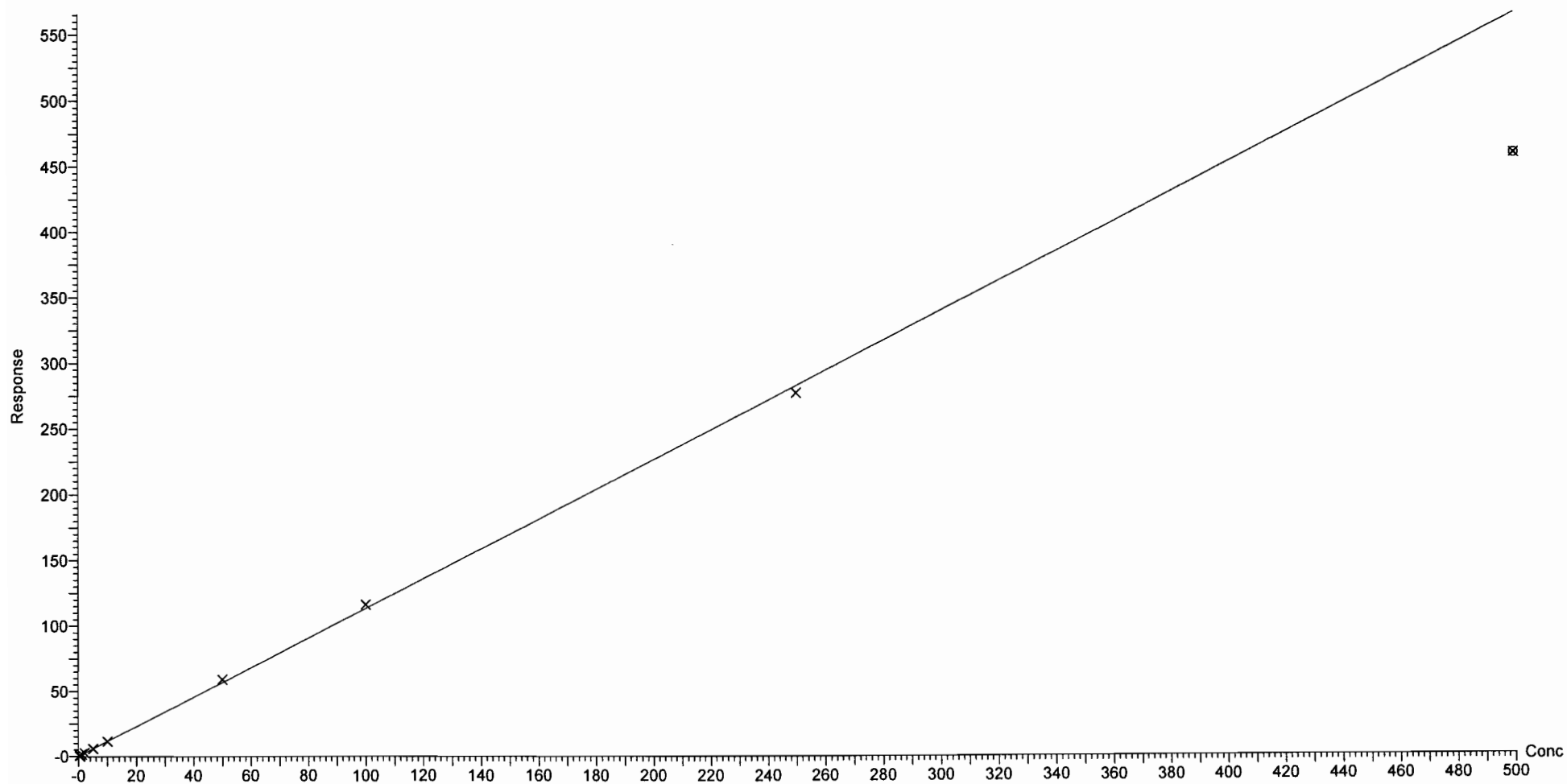
Compound name: PFDA

Correlation coefficient: $r = 0.999612$, $r^2 = 0.999225$

Calibration curve: $1.13105 * x + 0.115427$

Response type: Internal Std (Ref 39), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

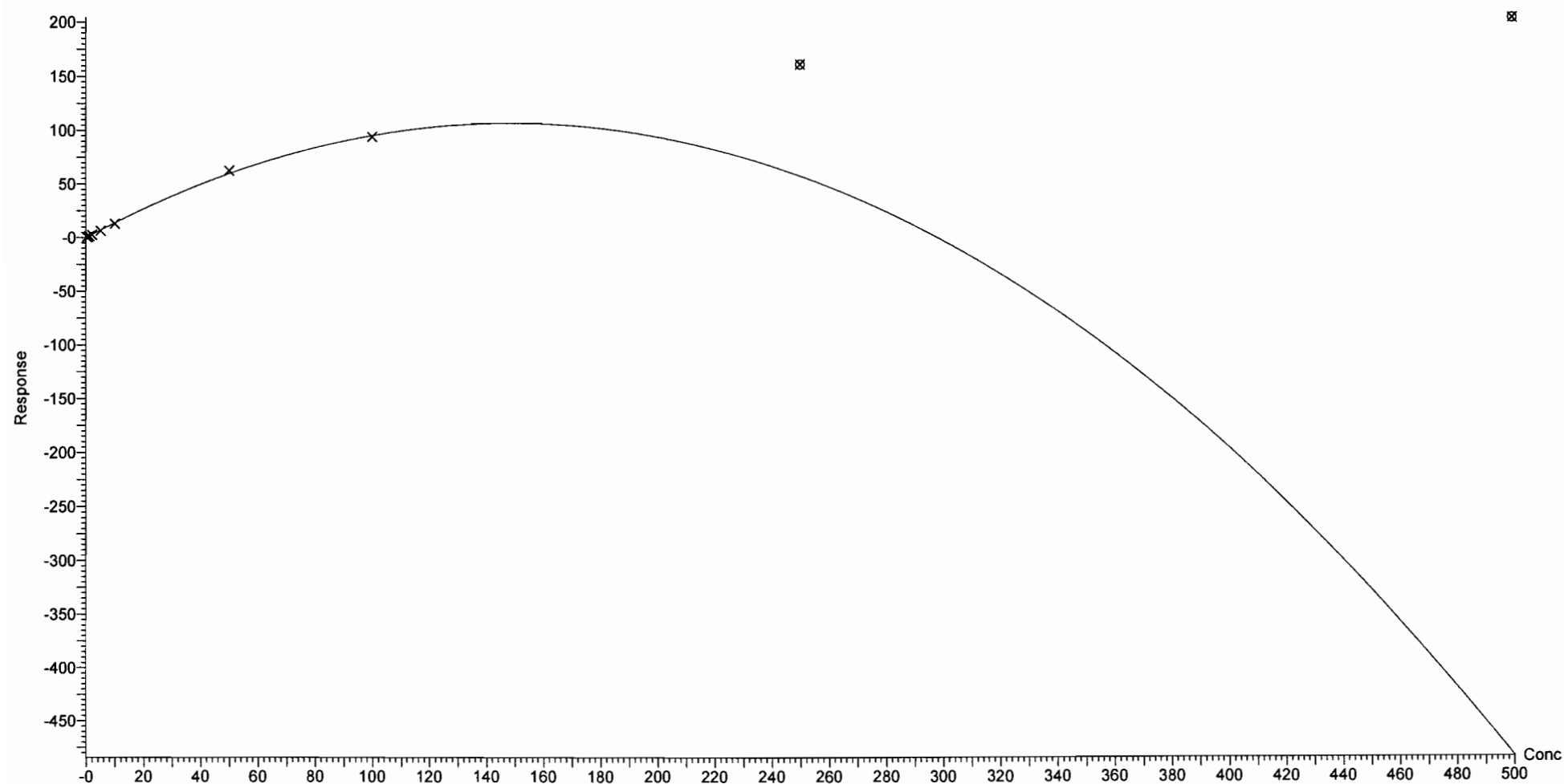
Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.997950$

Calibration curve: $-0.00480406 * x^2 + 1.4337 * x + -0.0133124$

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

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

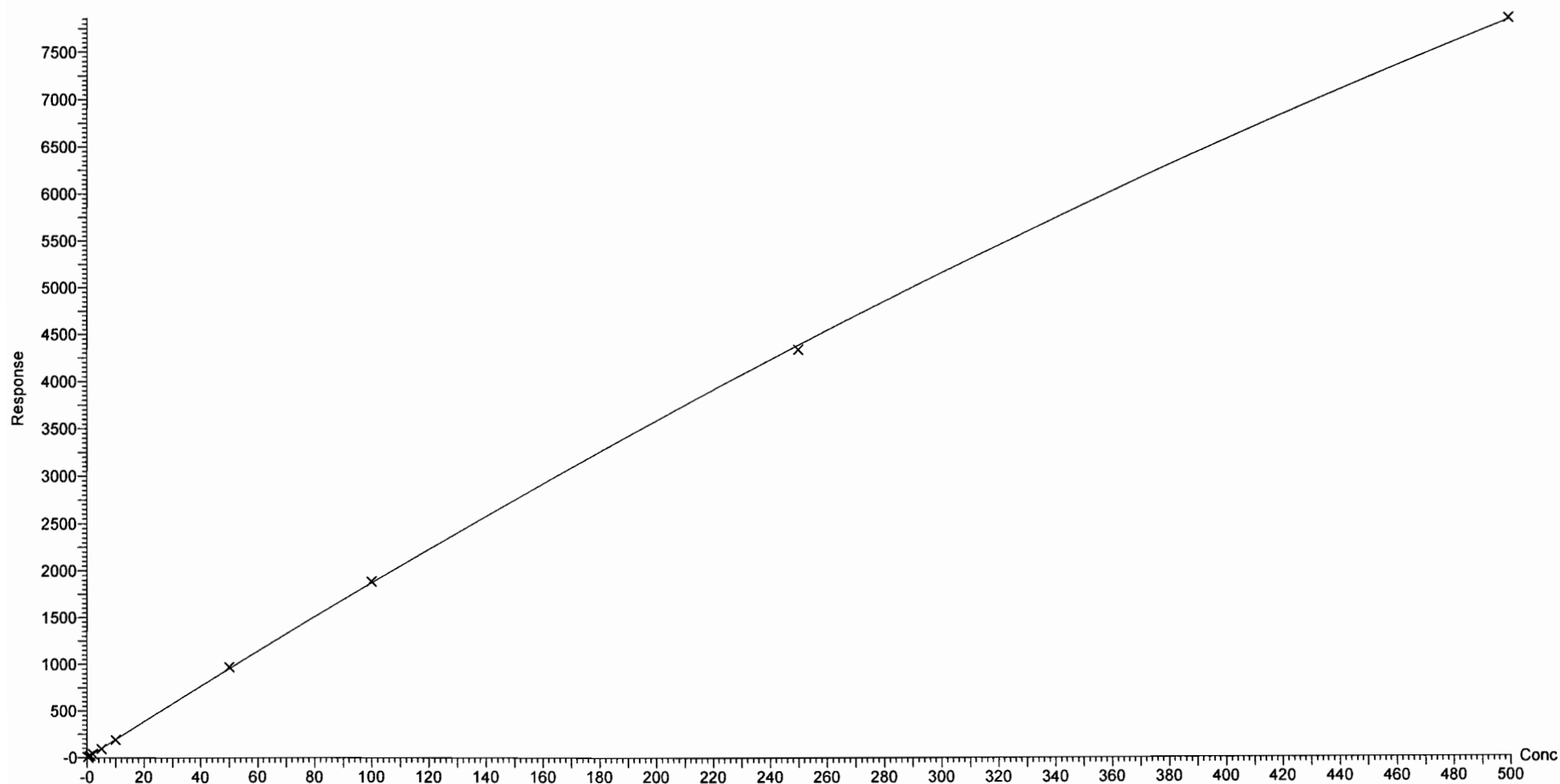
Compound name: N-MeFOSAA

Coefficient of Determination: $R^2 = 0.999893$

Calibration curve: $-0.00750568 * x^2 + 19.4398 * x + -0.45786$

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

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

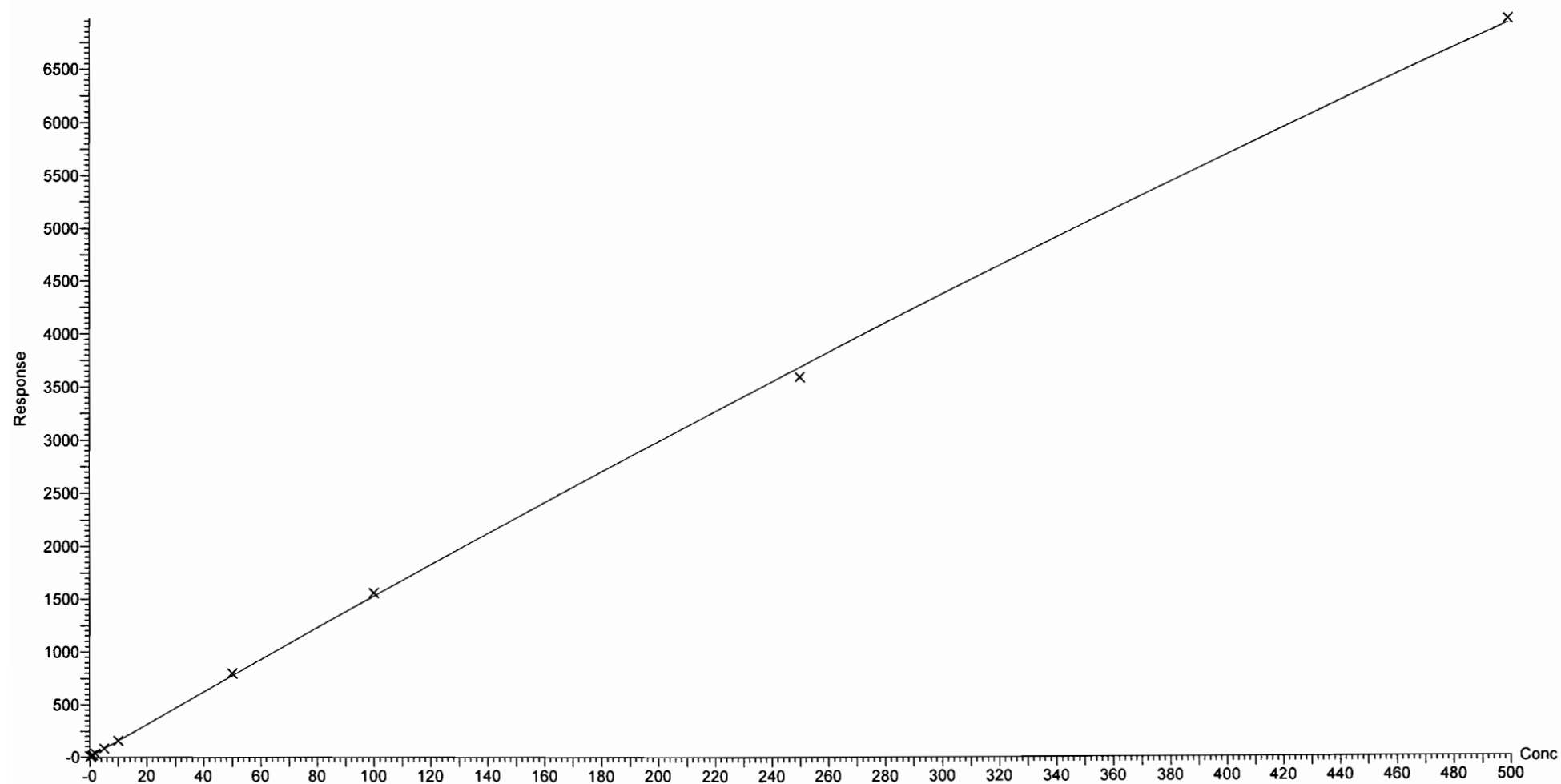
Compound name: N-EtFOSAA

Coefficient of Determination: $R^2 = 0.999638$

Calibration curve: $-0.00353476 * x^2 + 15.6313 * x + 0.651764$

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

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

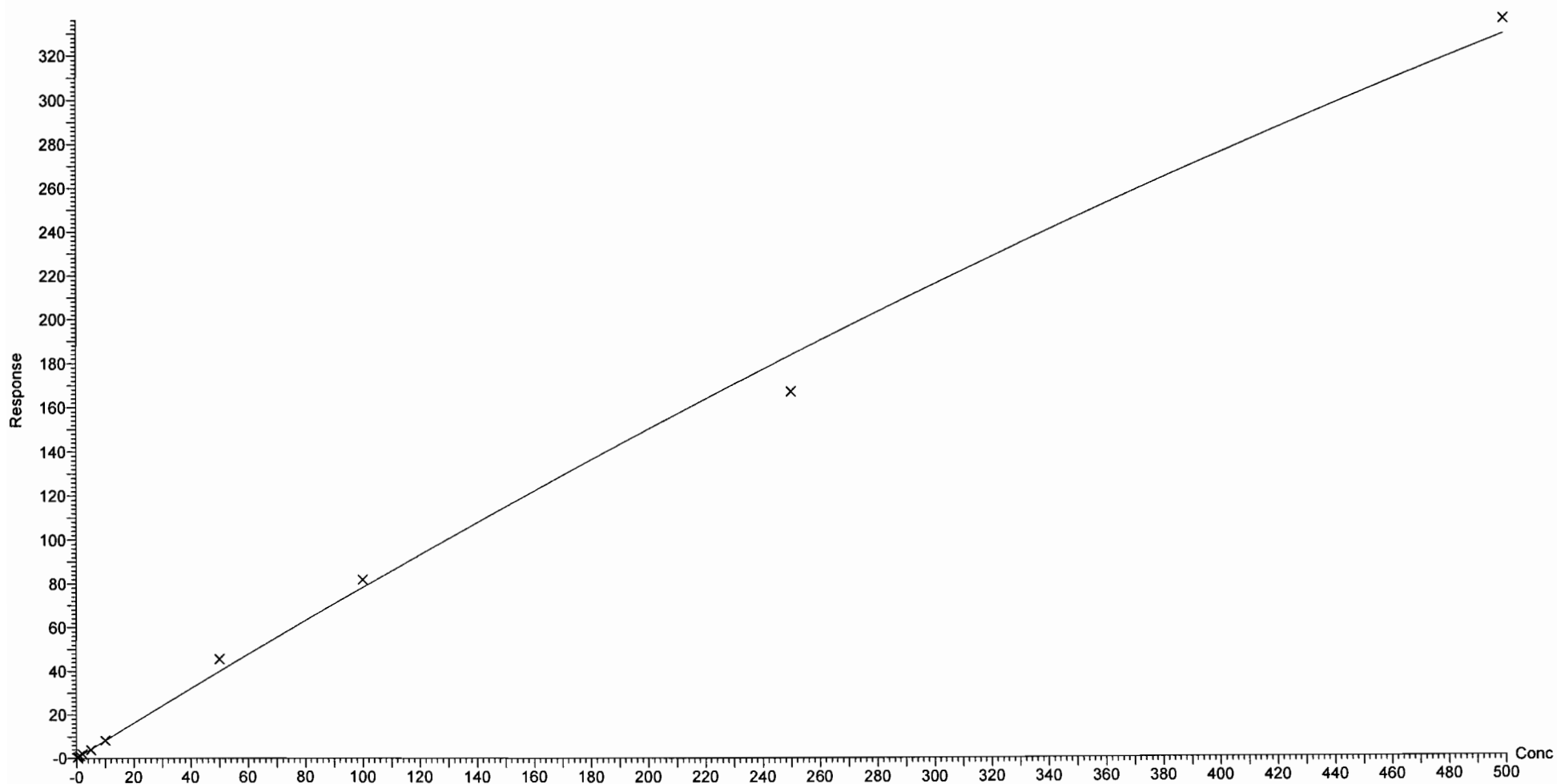
Compound name: PFUnA

Coefficient of Determination: $R^2 = 0.995537$

Calibration curve: $-0.000304422 * x^2 + 0.810482 * x + 0.0887281$

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

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

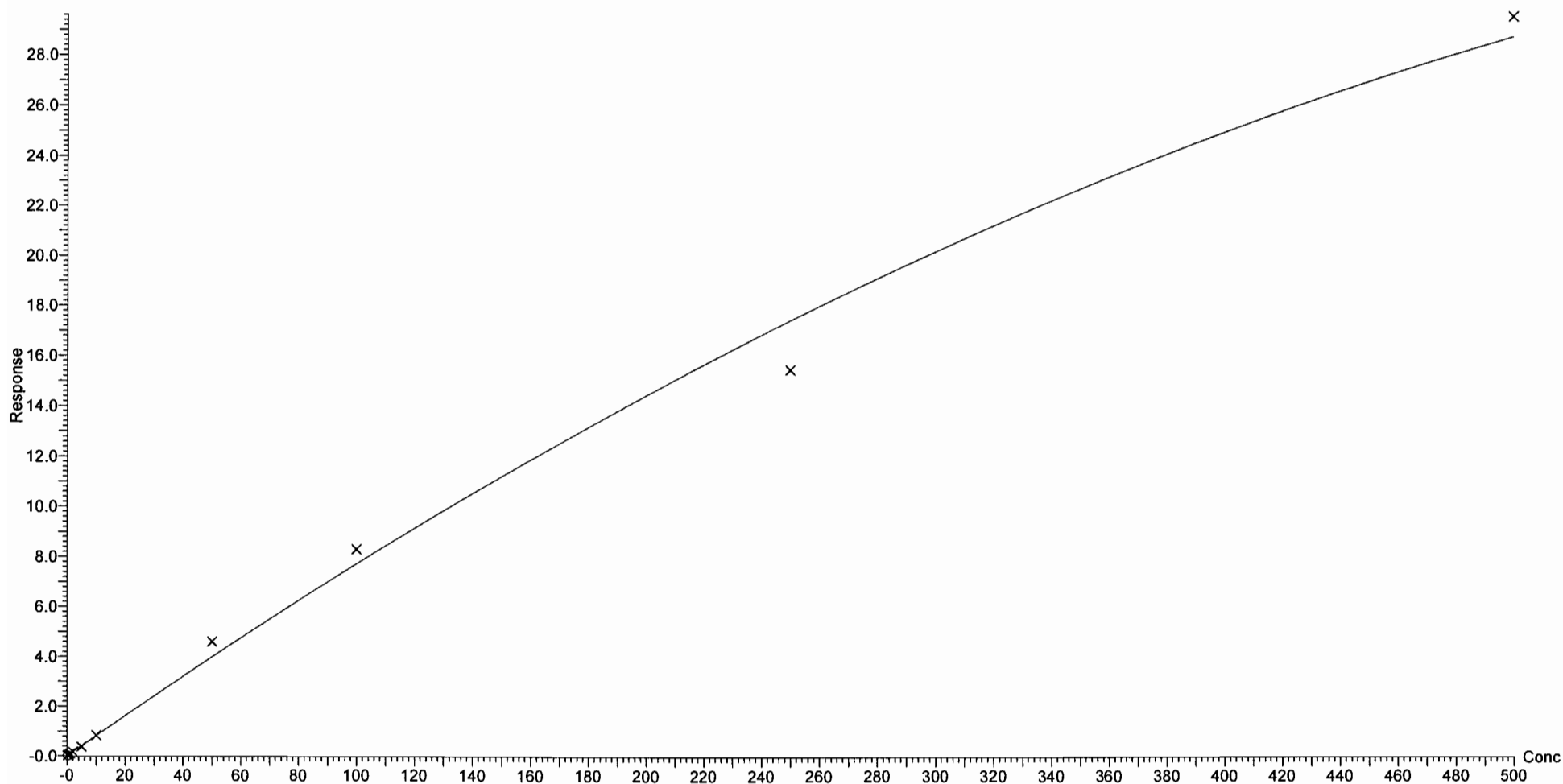
Compound name: PFDS

Coefficient of Determination: $R^2 = 0.992589$

Calibration curve: $-4.87611e-005 * x^2 + 0.0819404 * x + 0.0113831$

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

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

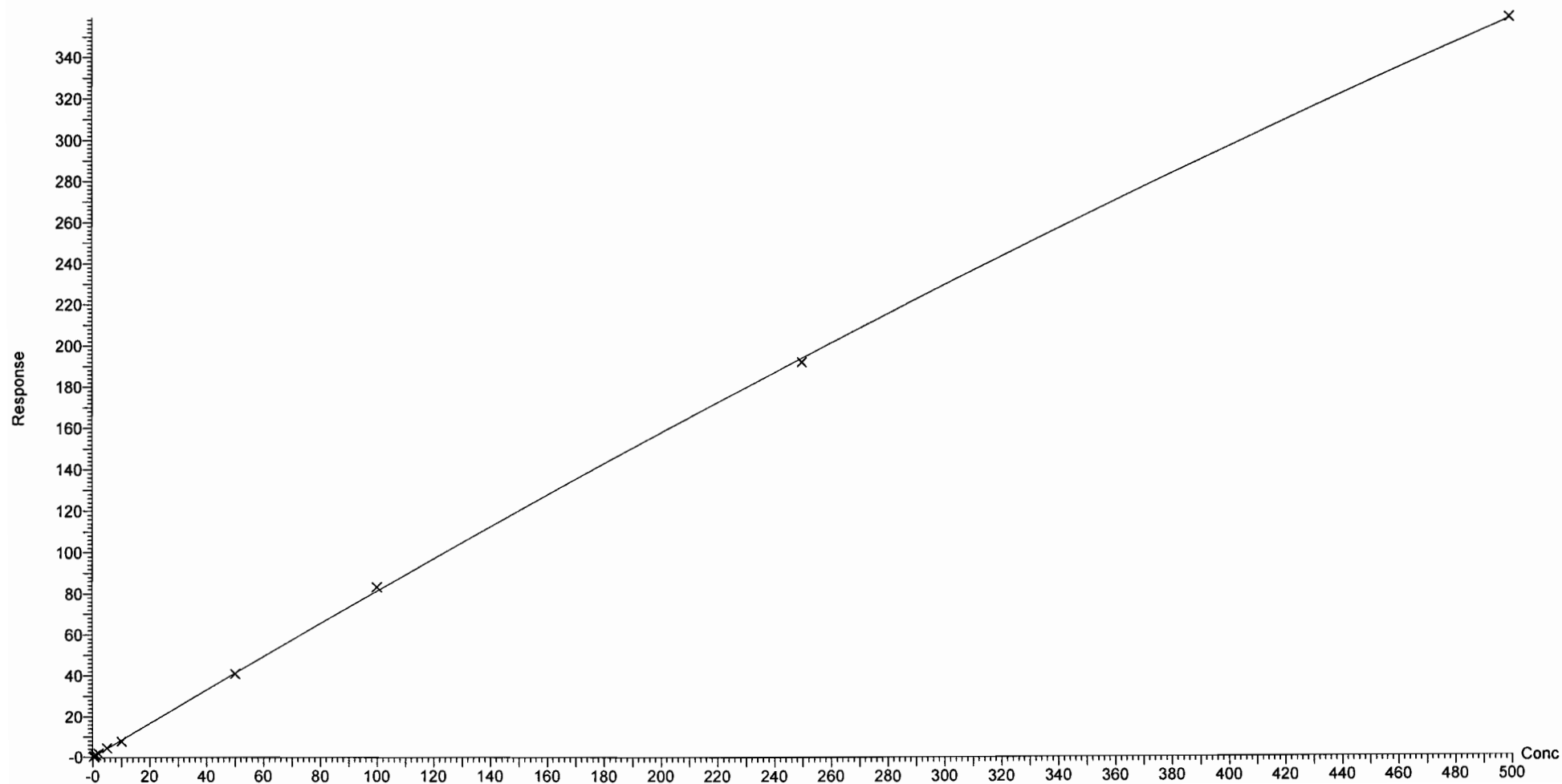
Compound name: PFDoA

Coefficient of Determination: $R^2 = 0.999746$

Calibration curve: $-0.000238279 * x^2 + 0.835861 * x + 0.0431344$

Response type: Internal Std (Ref 44), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Vista Analytical Laboratory Q1

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

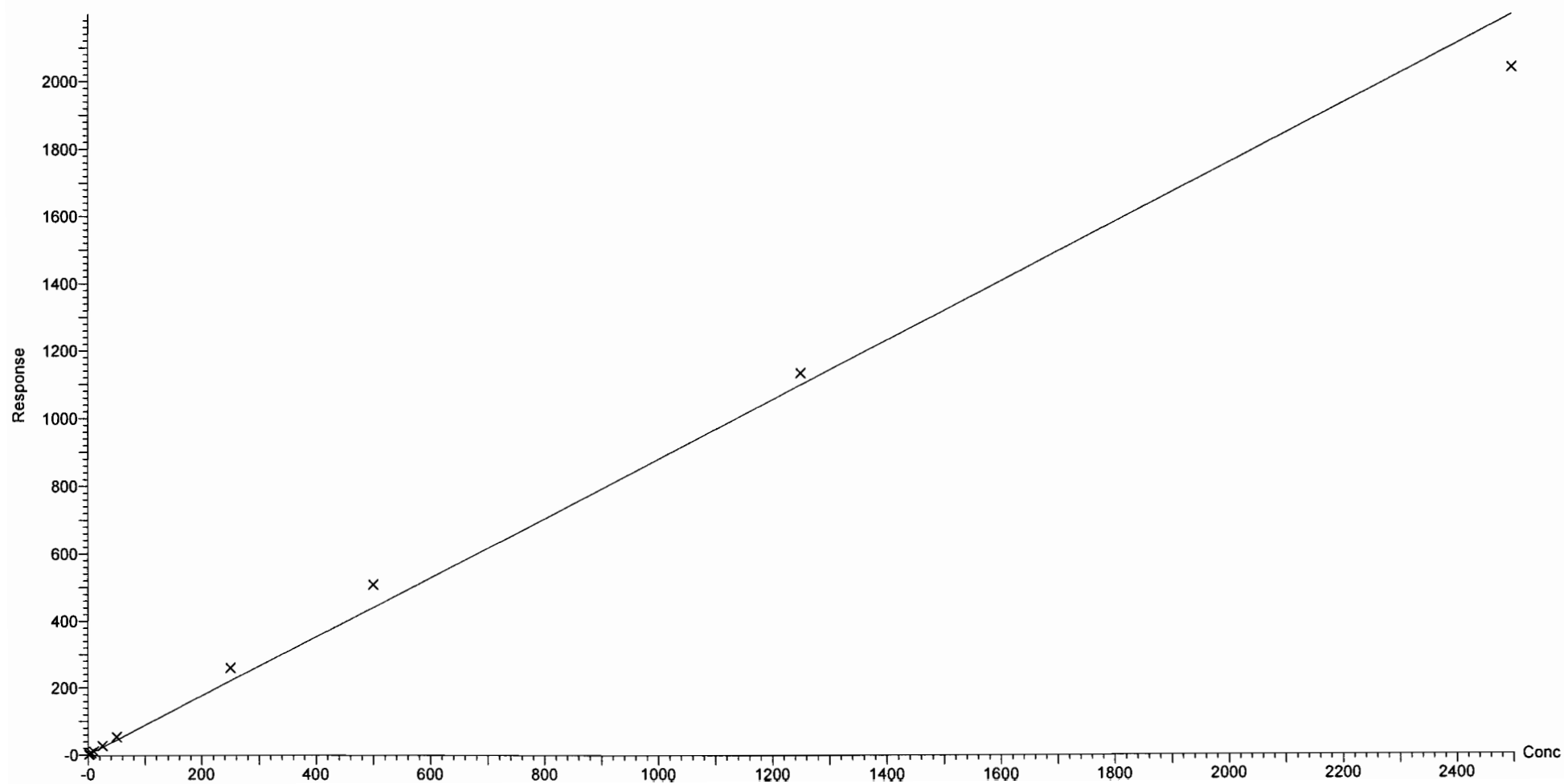
Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

Compound name: N-MeFOSA

Correlation coefficient: $r = 0.995786$, $r^2 = 0.991590$ Calibration curve: $0.878916 * x + 0.777845$

Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

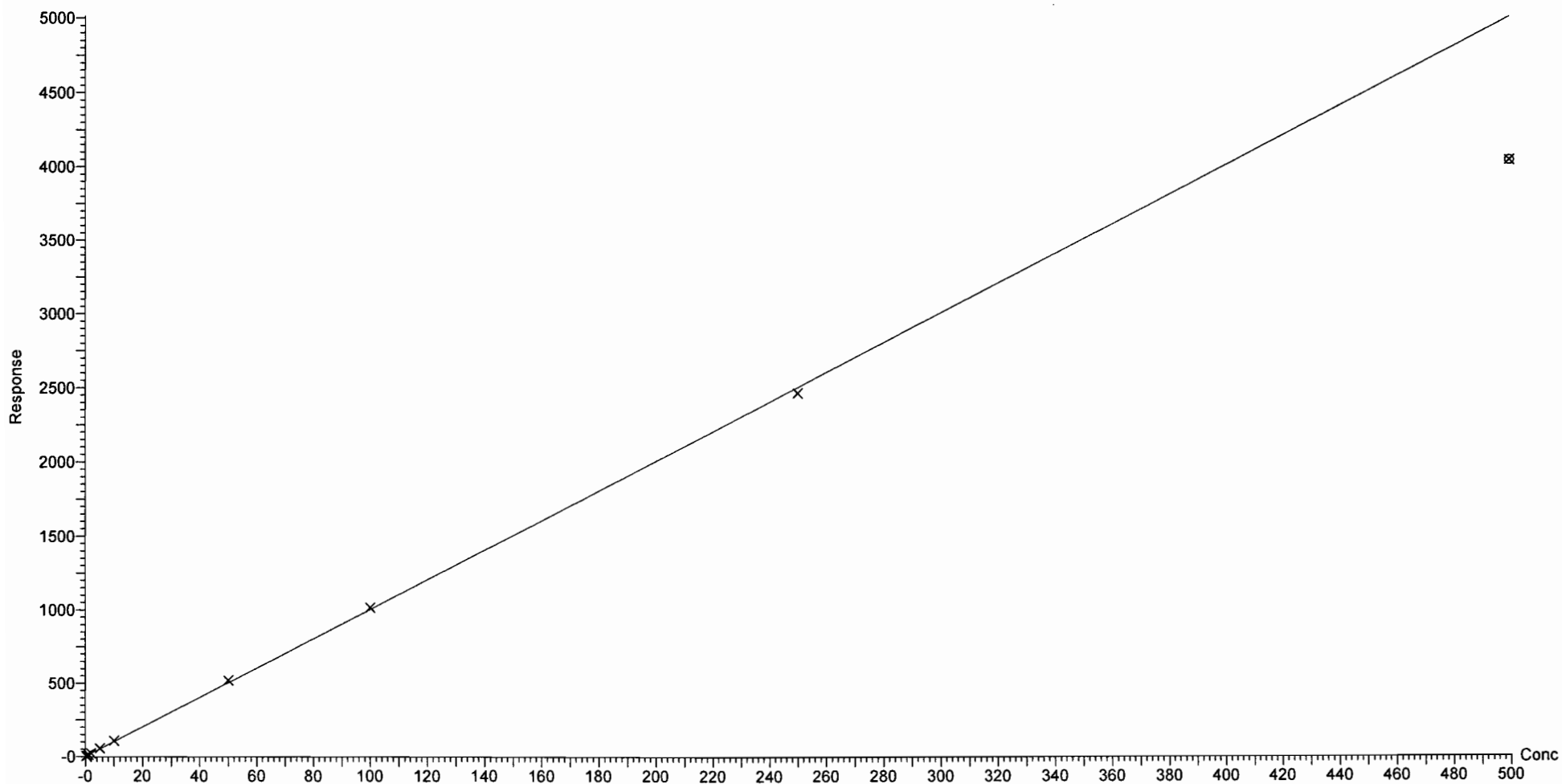
Compound name: PFTTrDA

Correlation coefficient: $r = 0.999754$, $r^2 = 0.999507$

Calibration curve: $10.0213 * x + 1.2331$

Response type: Internal Std (Ref 44), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

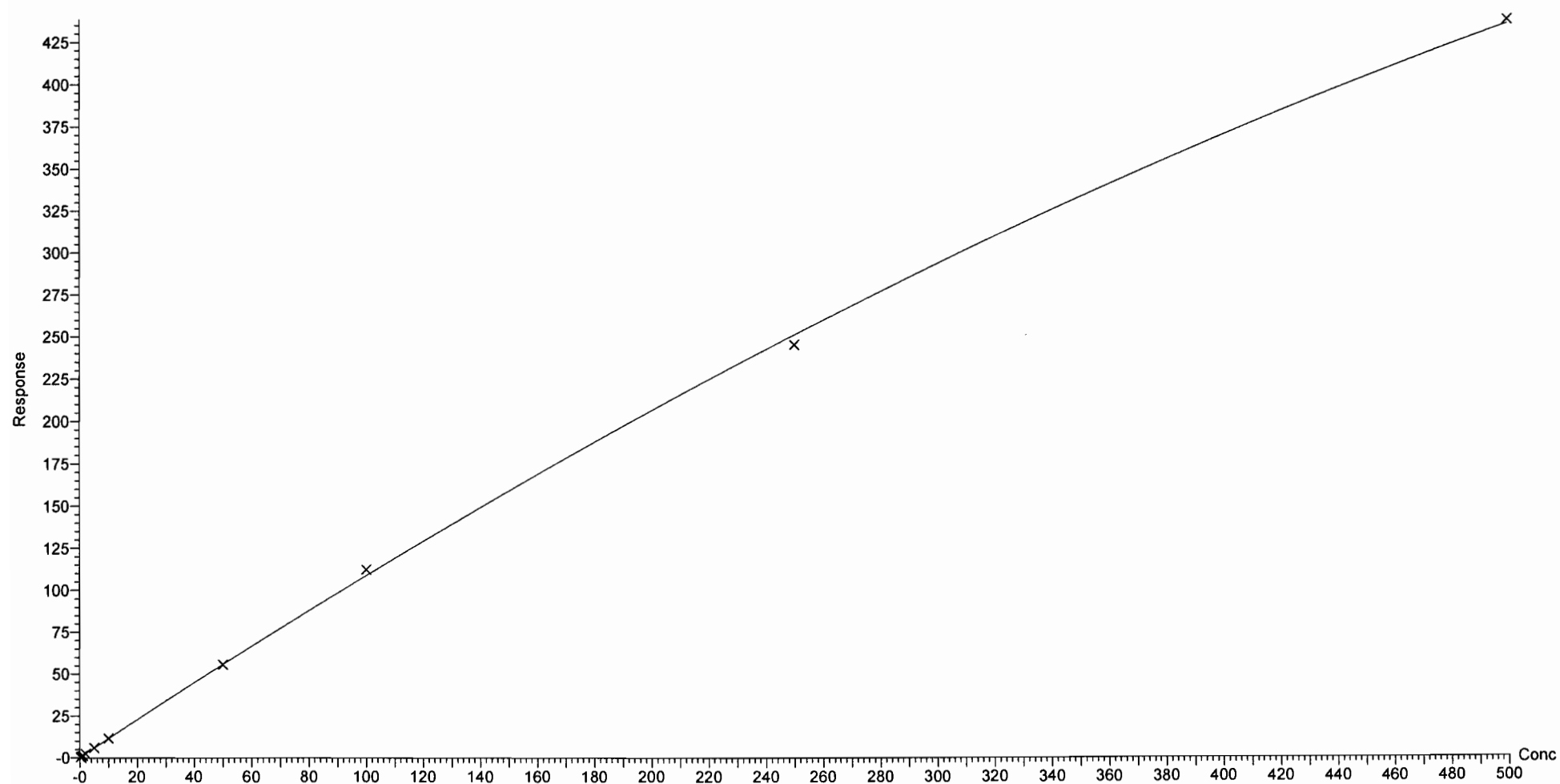
Compound name: PFTeDA

Coefficient of Determination: $R^2 = 0.999640$

Calibration curve: $-0.000533447 * x^2 + 1.13867 * x + 0.107998$

Response type: Internal Std (Ref 46), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

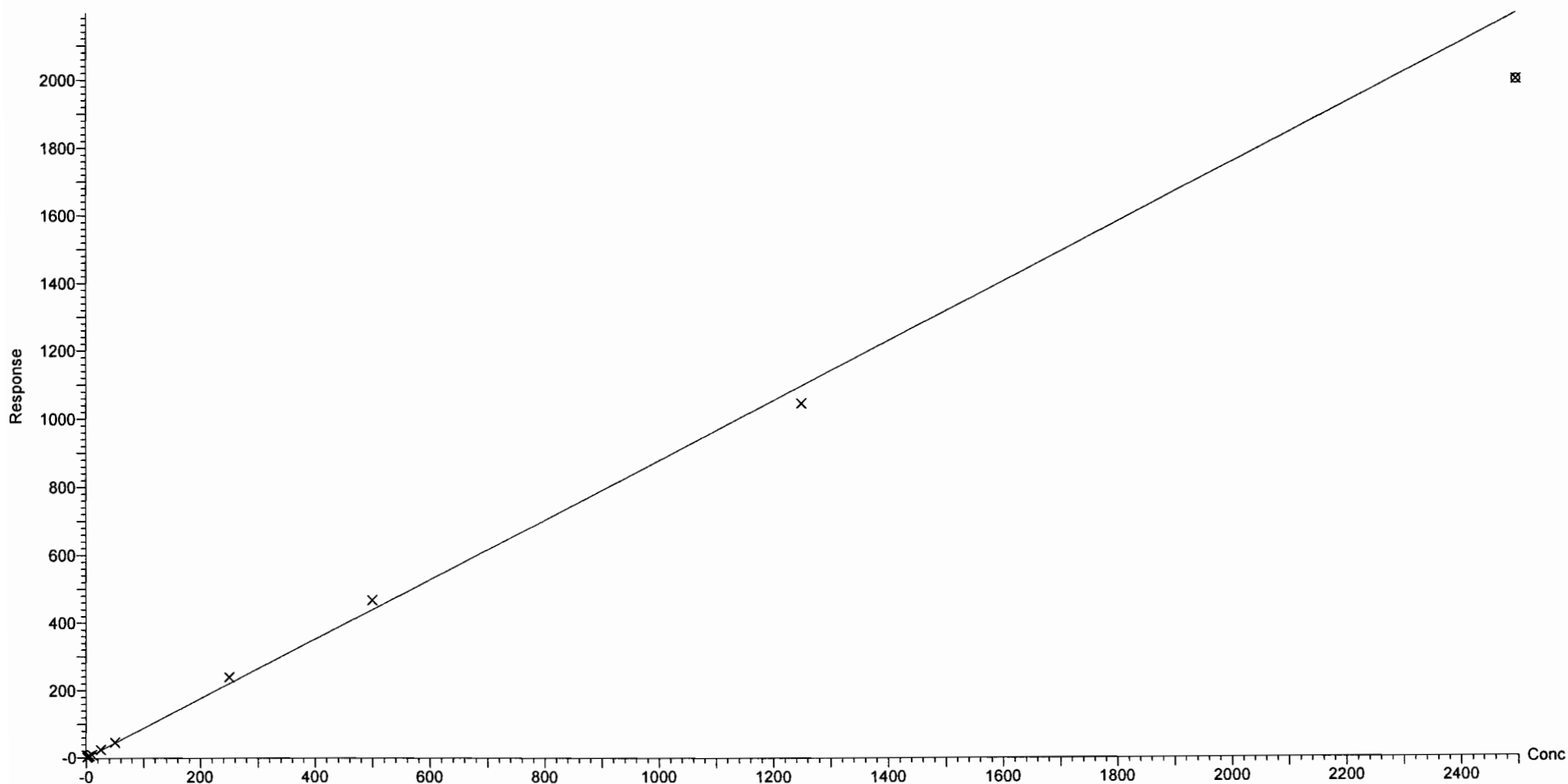
Compound name: N-EtFOSA

Correlation coefficient: $r = 0.998278$, $r^2 = 0.996558$

Calibration curve: $0.877827 * x + 0.460454$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Vista Analytical Laboratory Q1

Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

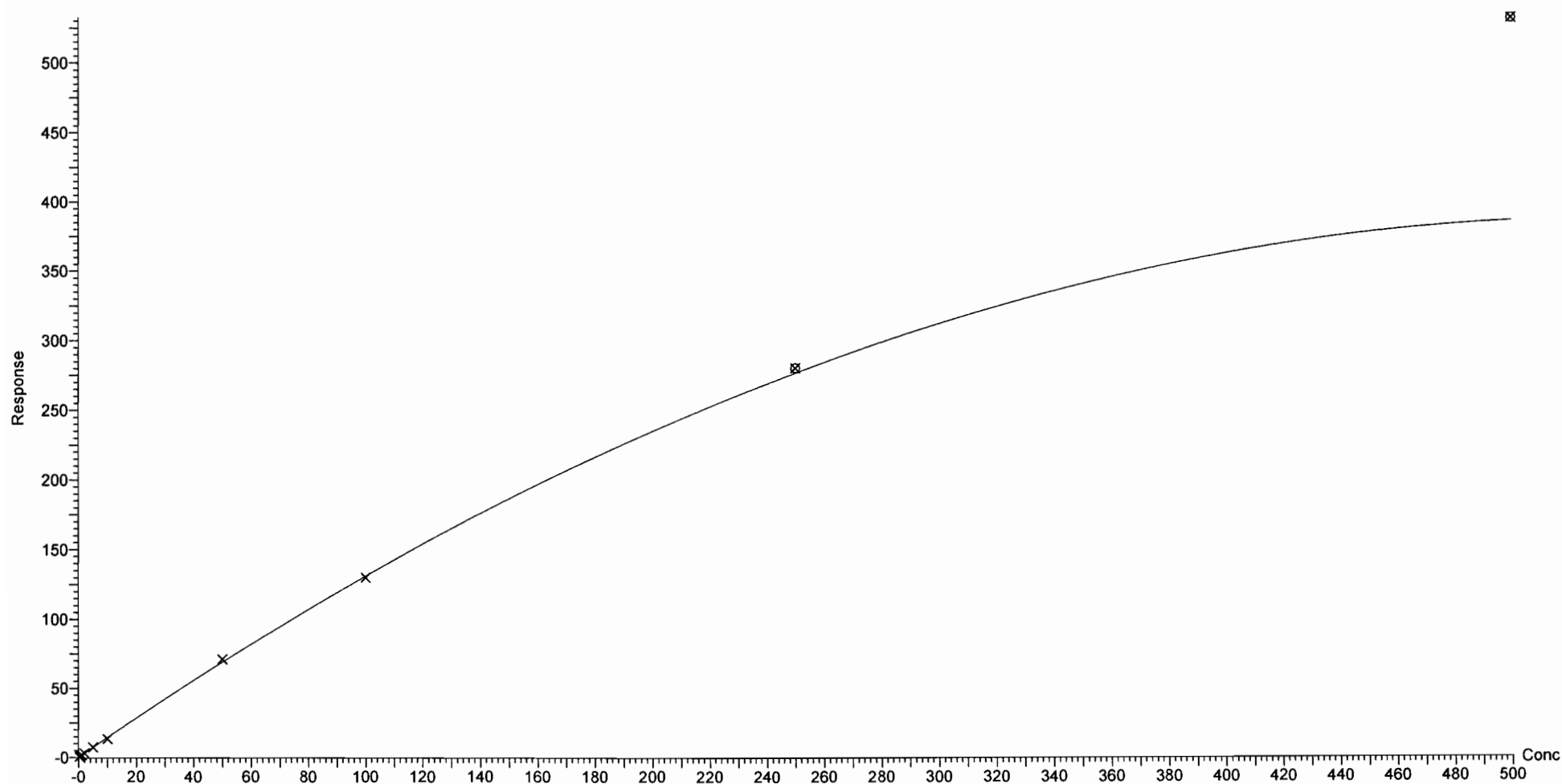
Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.999241$ Calibration curve: $-0.00134262 * x^2 + 1.44391 * x + 0.187386$

Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

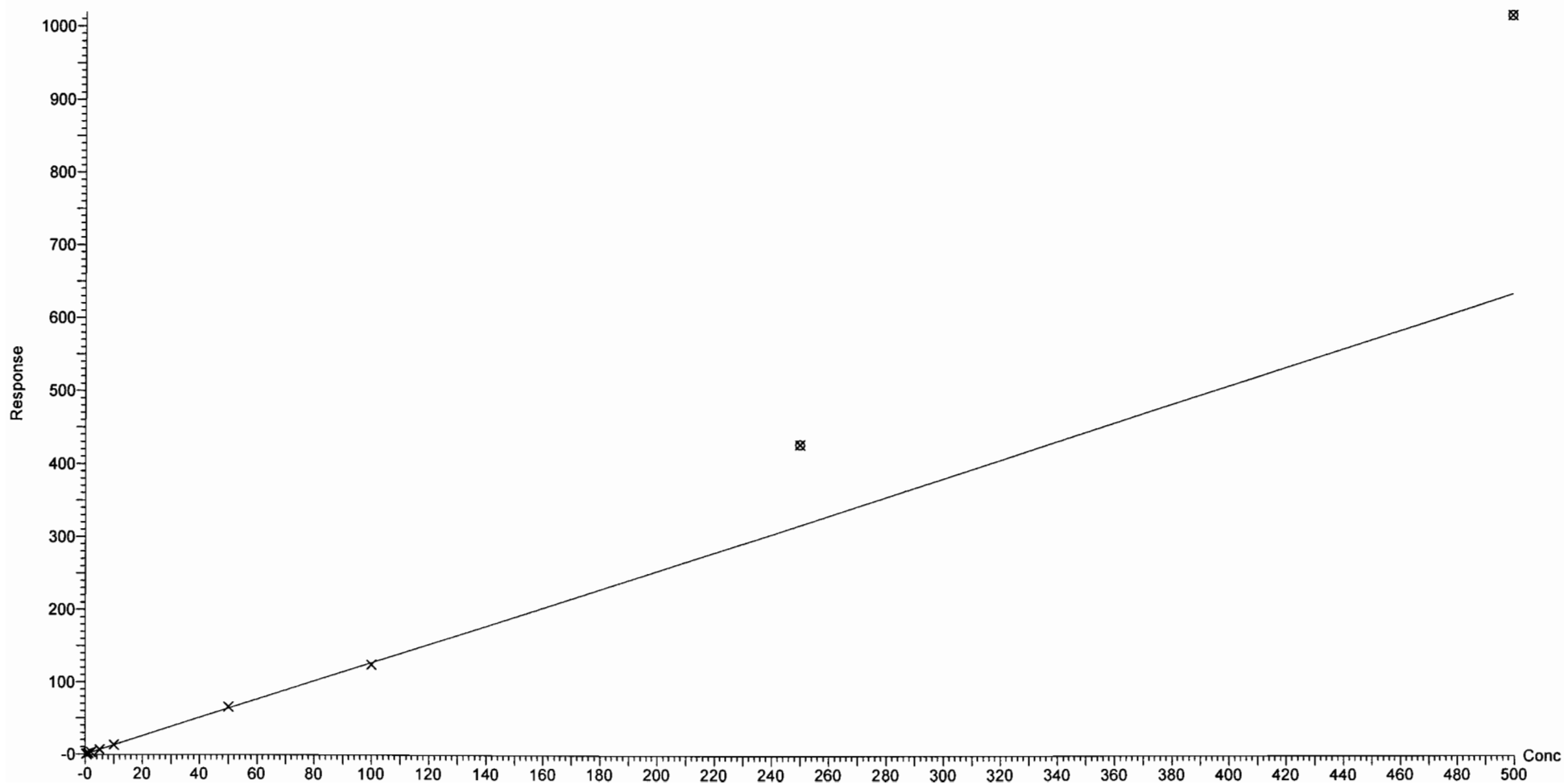
Compound name: PFODA

Correlation coefficient: $r = 0.999467$, $r^2 = 0.998934$

Calibration curve: $1.27081 \cdot x + 0.103615$

Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

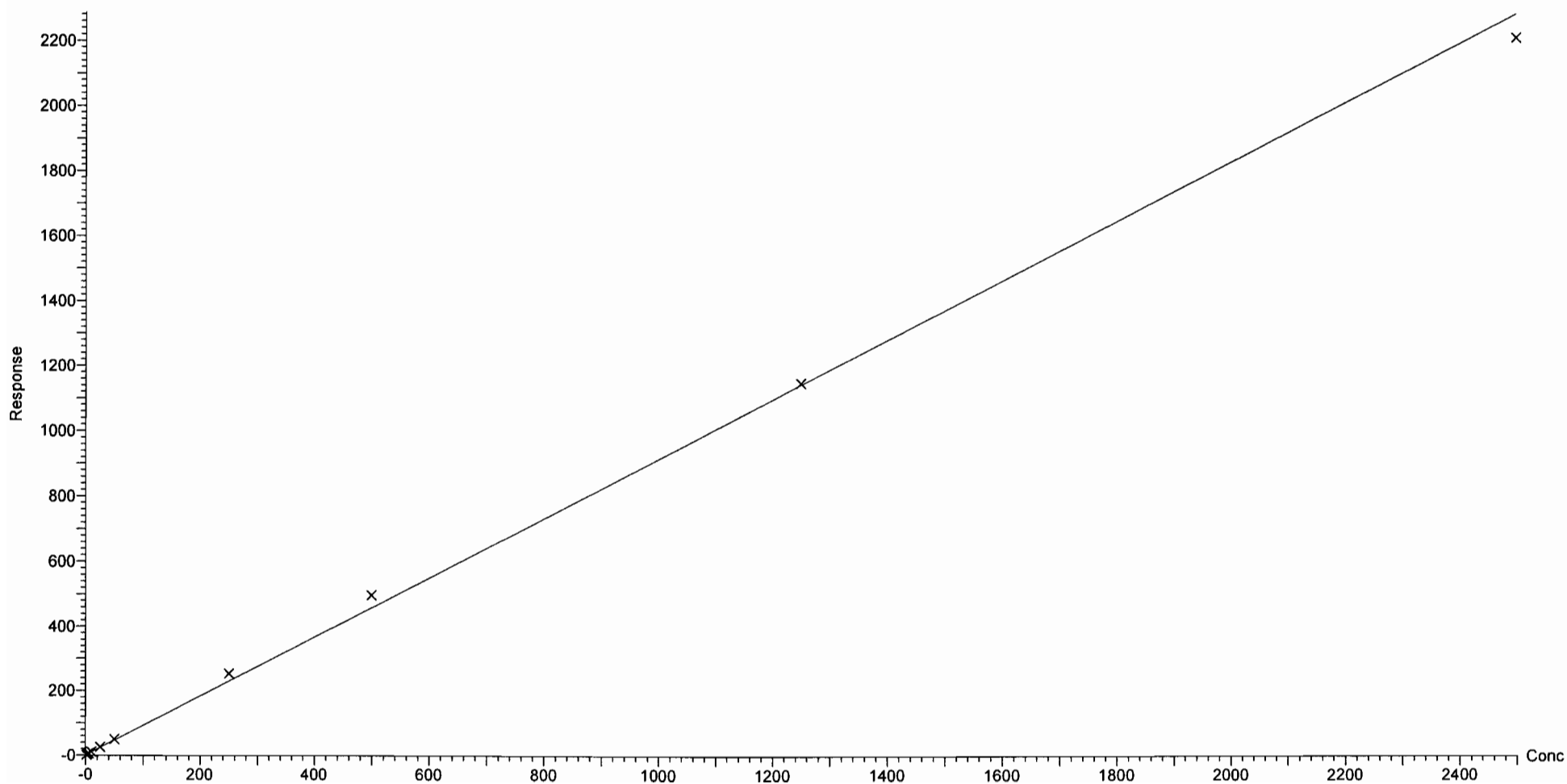
Compound name: N-MeFOSE

Correlation coefficient: $r = 0.998979$, $r^2 = 0.997958$

Calibration curve: $0.913987 * x + 0.914175$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:29:36 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:32:45 Pacific Daylight Time

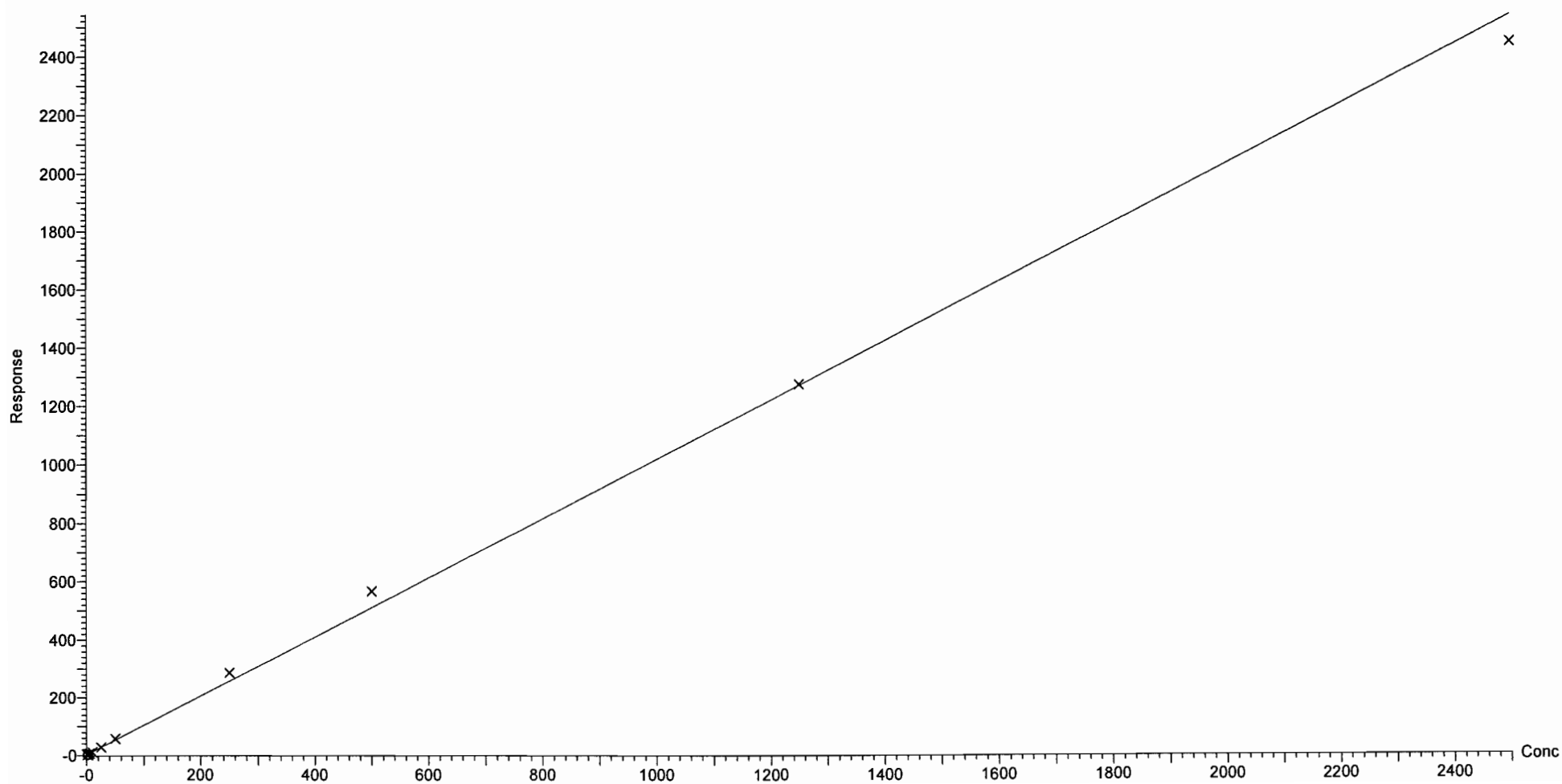
Compound name: N-EtFOSE

Correlation coefficient: $r = 0.998468$, $r^2 = 0.996938$

Calibration curve: $1.01573 * x + 2.54785$

Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

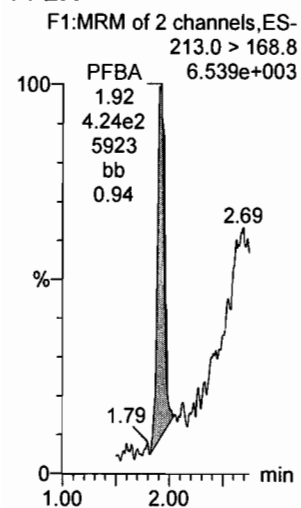
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-10-17.mdb 11 Aug 2017 08:55:25

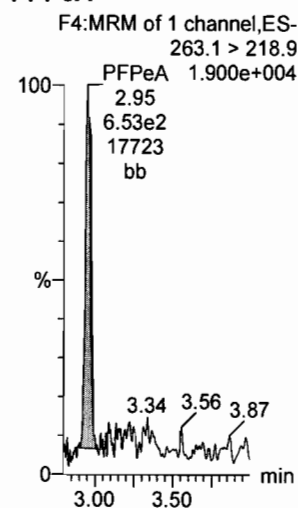
Calibration: 11 Aug 2017 09:08:45

Name: 170810M2_2, Date: 10-Aug-2017, Time: 20:32:31, ID: ST170810M2-1 PFC CS-2 17H1015, Description: PFC CS-2 17H1015

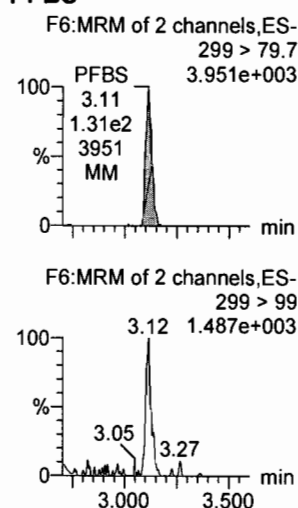
PFBA



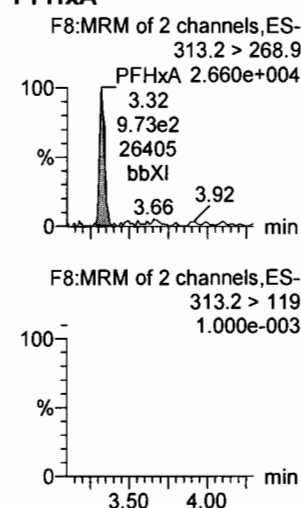
PFPeA



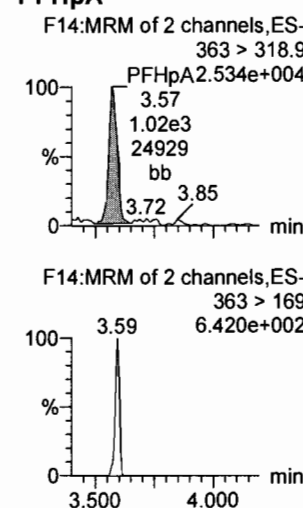
PFBS



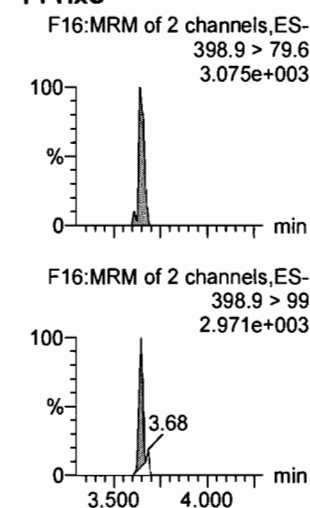
PFHxA



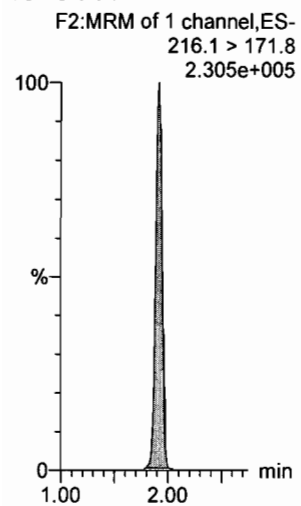
PFHpA



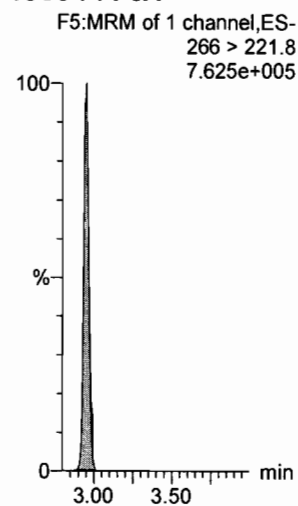
PFHxS



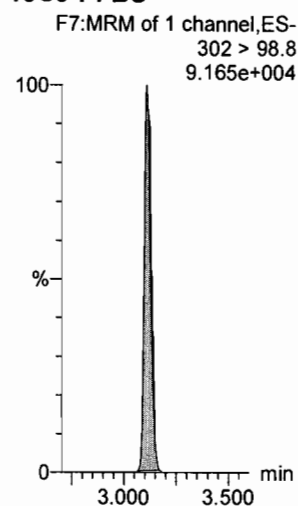
13C3-PFBA



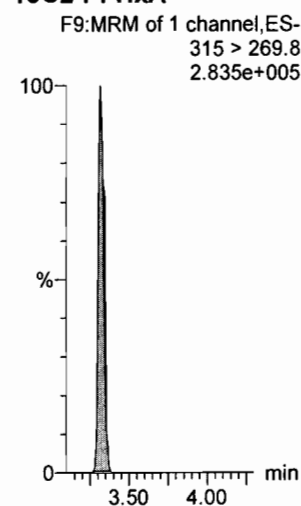
13C3-PFPeA



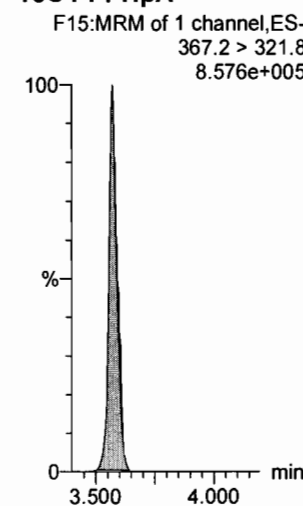
13C3-PFBS



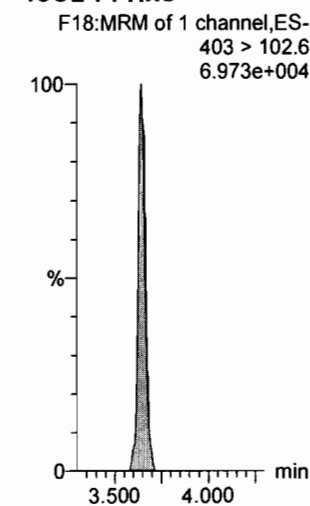
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



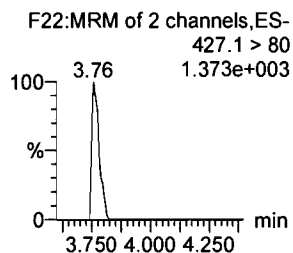
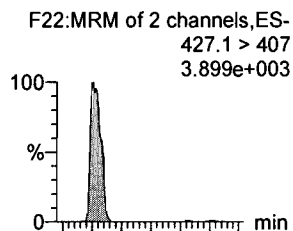
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

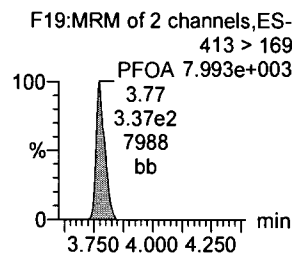
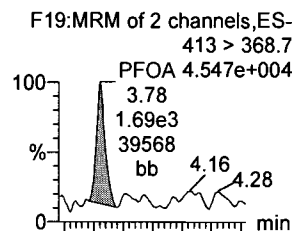
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_2, Date: 10-Aug-2017, Time: 20:32:31, ID: ST170810M2-1 PFC CS-2 17H1015, Description: PFC CS-2 17H1015

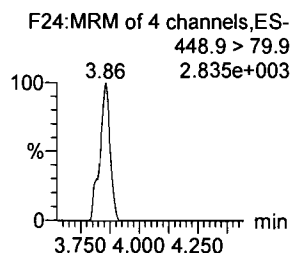
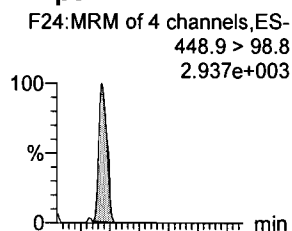
6:2 FTS



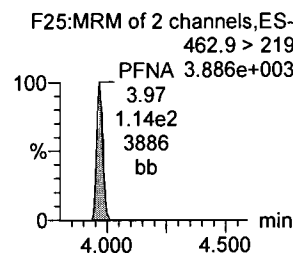
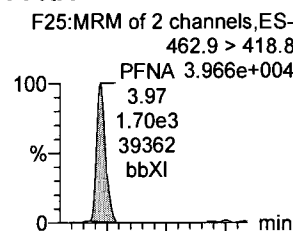
PFOA



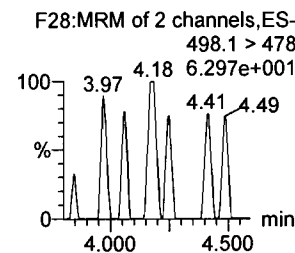
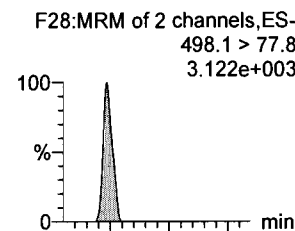
PFHpS



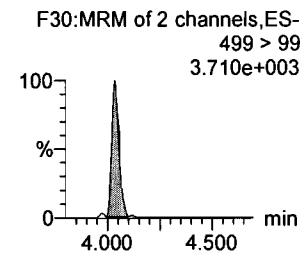
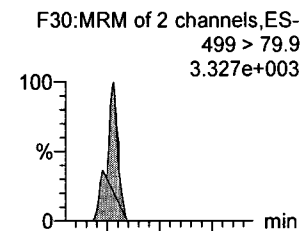
PFNA



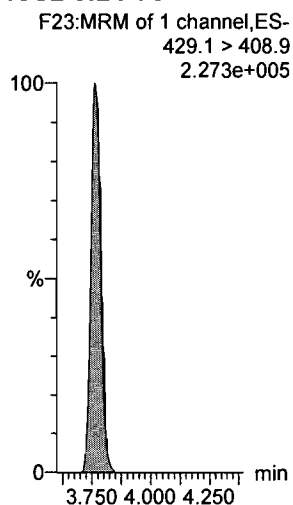
PFOSA



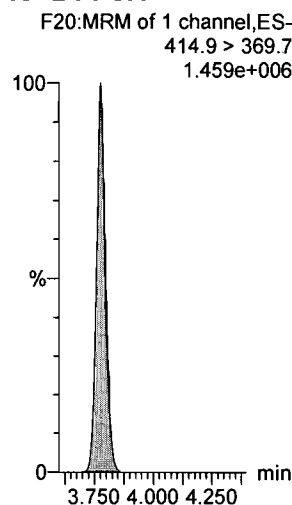
PFOS



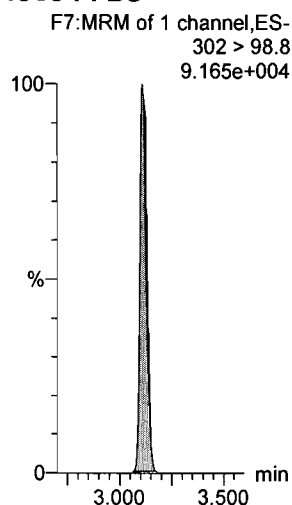
13C2-6:2 FTS



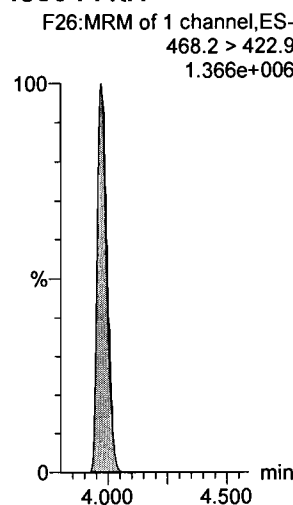
13C2-PFOA



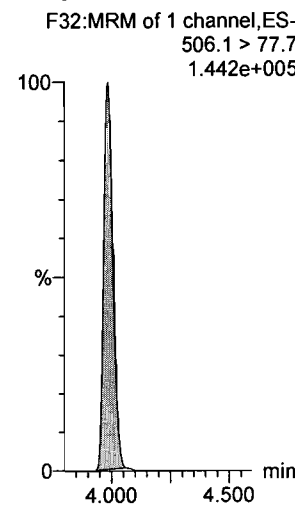
13C3-PFBS



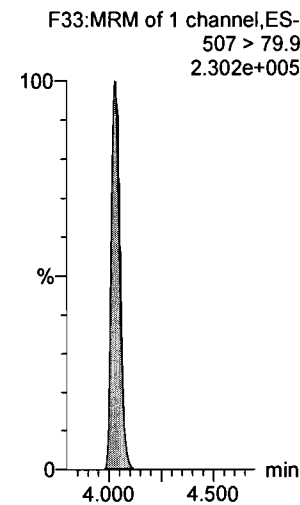
13C5-PFNA



13C8-PFOSA



13C8-PFOS



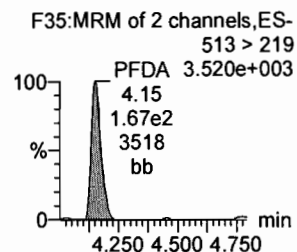
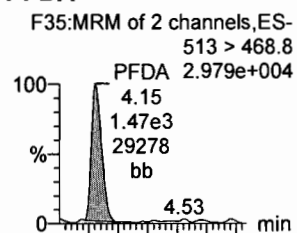
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

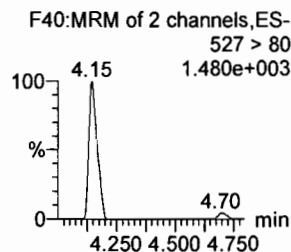
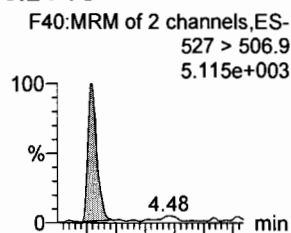
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_2, Date: 10-Aug-2017, Time: 20:32:31, ID: ST170810M2-1 PFC CS-2 17H1015, Description: PFC CS-2 17H1015

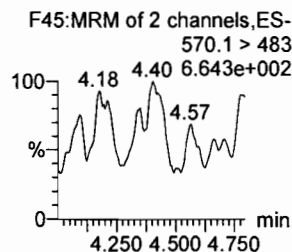
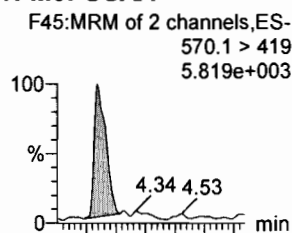
PFDA



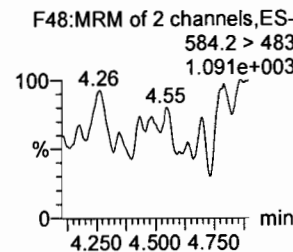
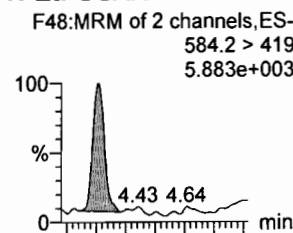
8:2 FTS



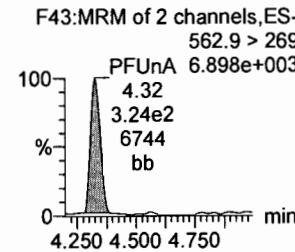
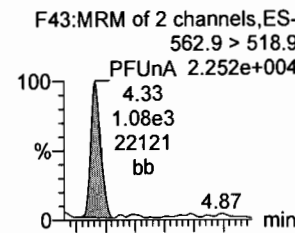
N-MeFOSAA



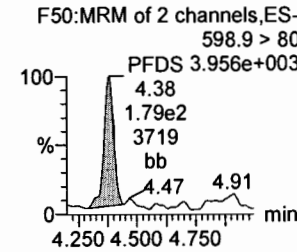
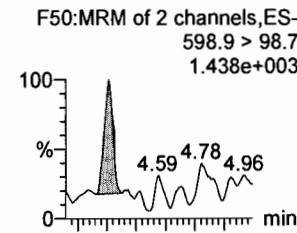
N-EtFOSAA



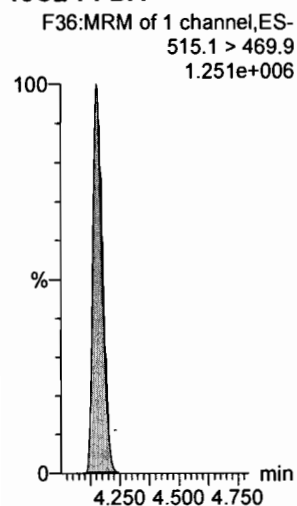
PFUnA



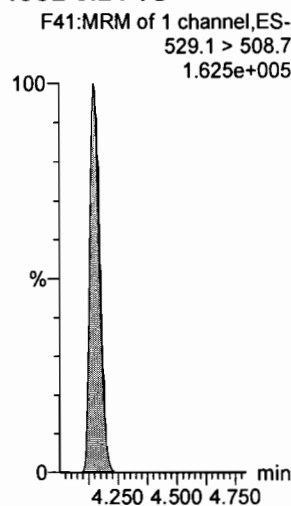
PFDS



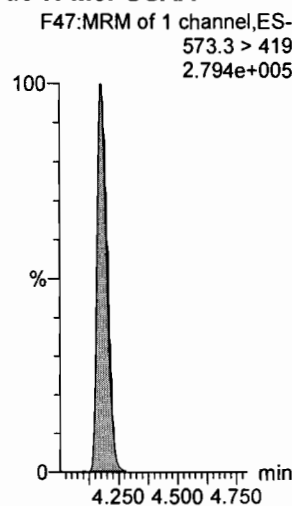
13C2-PFDA



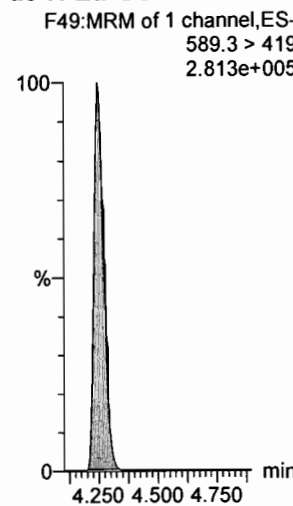
13C2-8:2 FTS



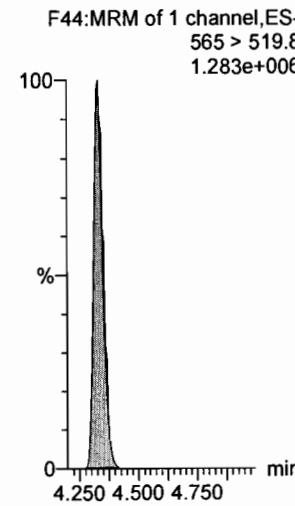
d3-N-MeFOSAA



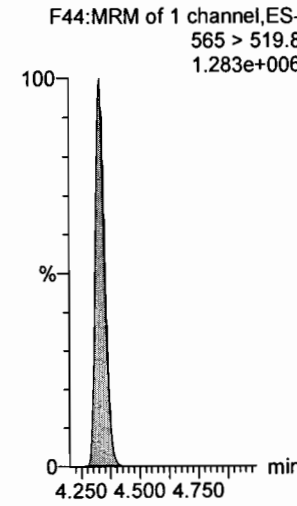
d5-N-EtFOSAA



13C2-PFUnA



13C2-PFUnA



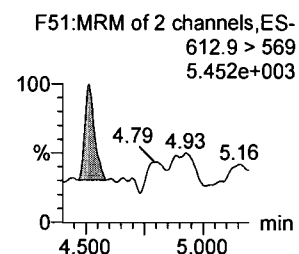
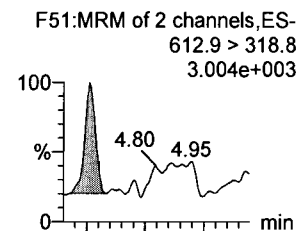
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

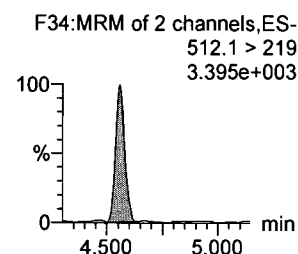
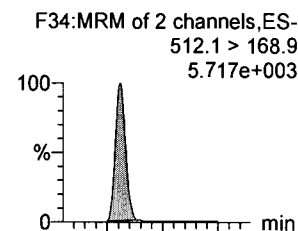
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_2, Date: 10-Aug-2017, Time: 20:32:31, ID: ST170810M2-1 PFC CS-2 17H1015, Description: PFC CS-2 17H1015

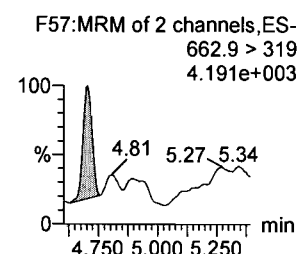
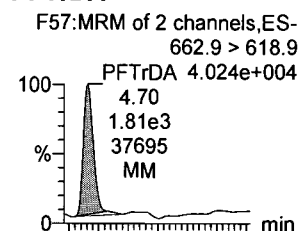
PFDaA



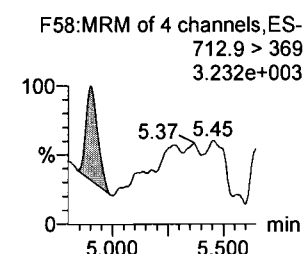
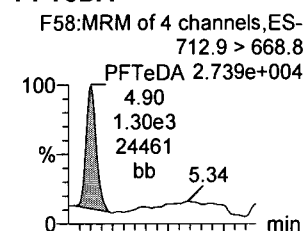
N-MeFOSA



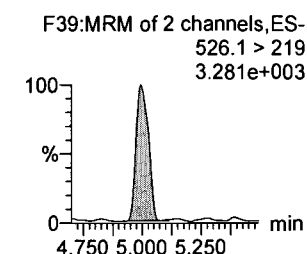
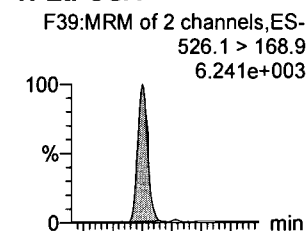
PFTrDA



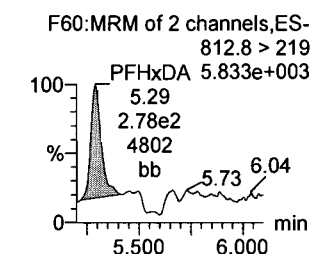
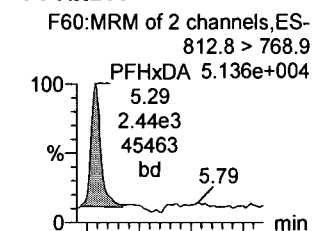
PFTeDA



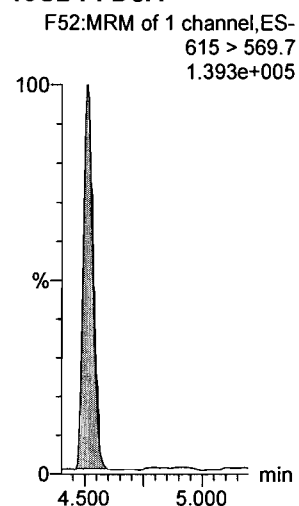
N-EtFOSA



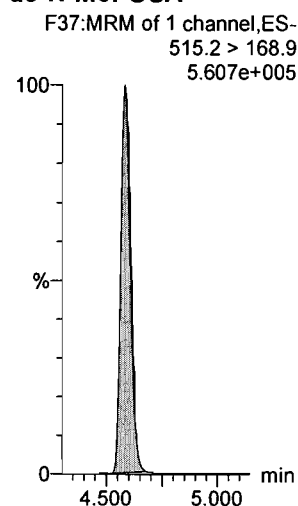
PFHxDA



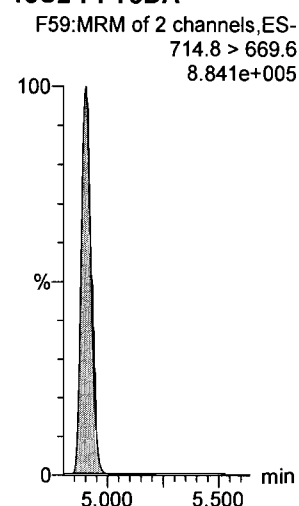
13C2-PFDaA



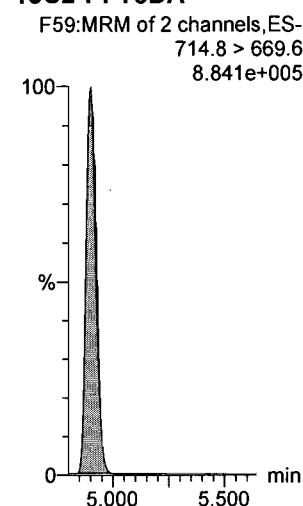
d3-N-MeFOSA



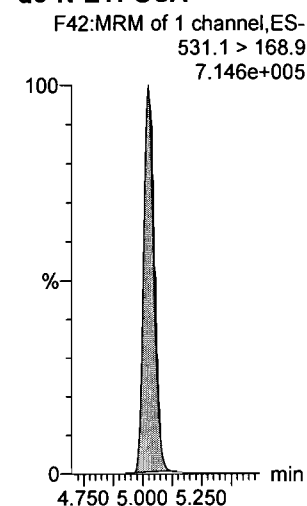
13C2-PFTeDA



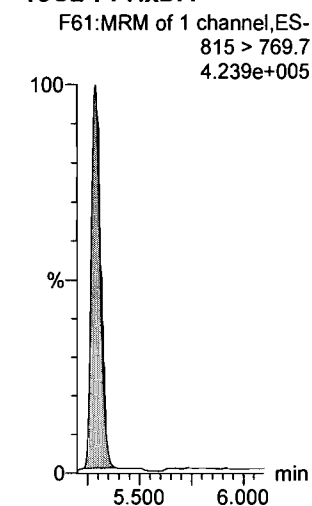
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

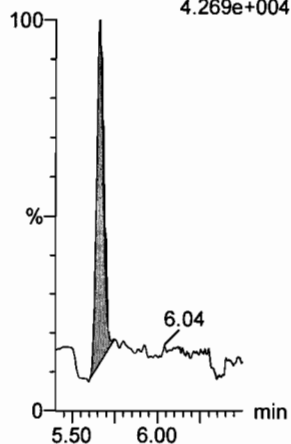
Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_2, Date: 10-Aug-2017, Time: 20:32:31, ID: ST170810M2-1 PFC CS-2 17H1015, Description: PFC CS-2 17H1015

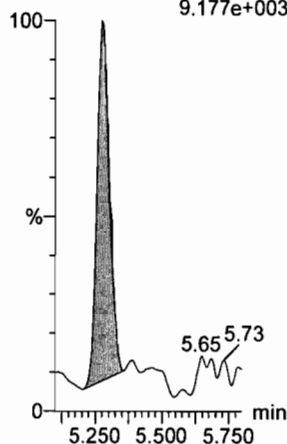
PFODA

F62:MRM of 4 channels,ES-
912.8 > 868.8
4.269e+004



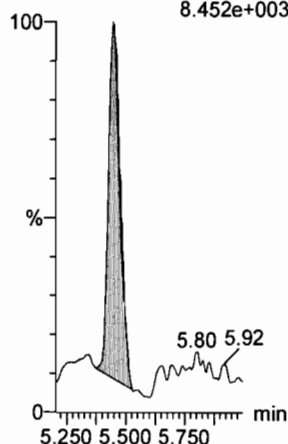
N-MeFOSE

F53:MRM of 1 channel,ES-
616.1 > 58.9
9.177e+003



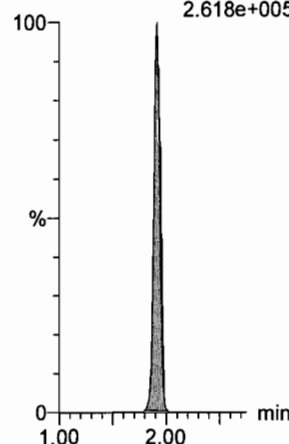
N-EtFOSE

F55:MRM of 1 channel,ES-
630.1 > 58.9
8.452e+003



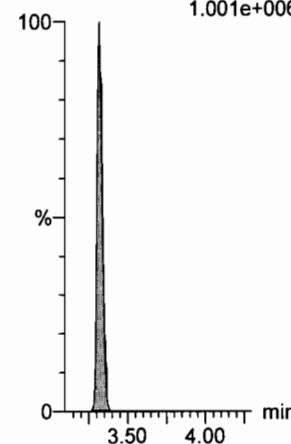
13C4-PFBA

F3:MRM of 1 channel,ES-
217 > 171.8
2.618e+005



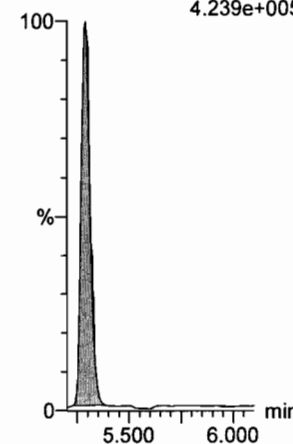
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
1.001e+006



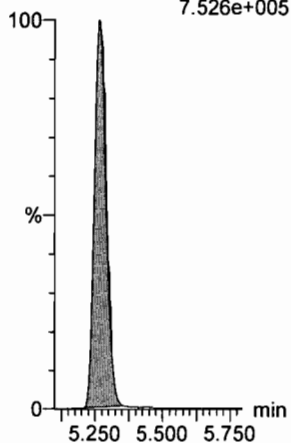
13C2-PFHxDA

F61:MRM of 1 channel,ES-
815 > 769.7
4.239e+005



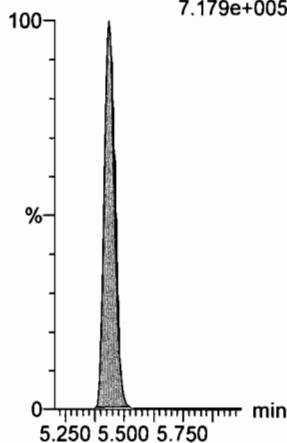
d7-N-MeFOSE

F54:MRM of 1 channel,ES-
623.1 > 58.9
7.526e+005



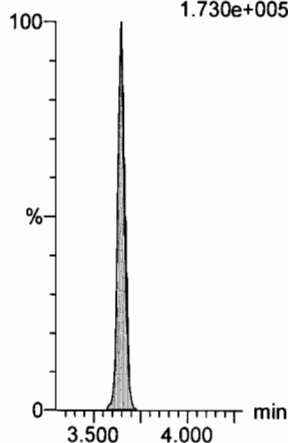
d9-N-EtFOSE

F56:MRM of 1 channel,ES-
639.2 > 58.8
7.179e+005



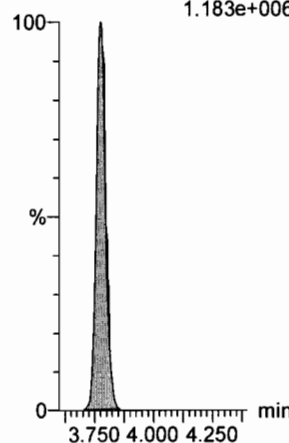
13C3-PFHxS

F17:MRM of 1 channel,ES-
401.9 > 79.9
1.730e+005



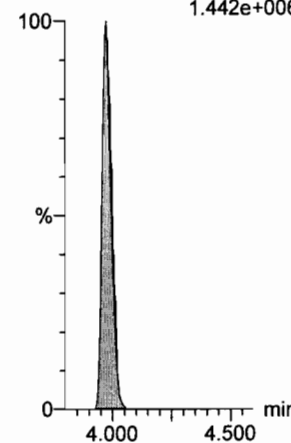
13C8-PFOA

F21:MRM of 1 channel,ES-
421.3 > 376
1.183e+006



13C9-PFNA

F27:MRM of 1 channel,ES-
472.2 > 426.9
1.442e+006



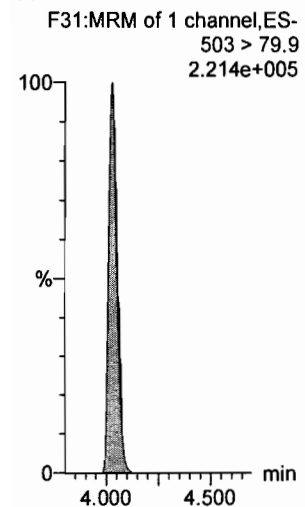
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

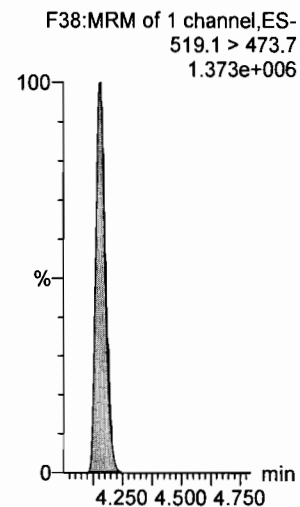
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_2, Date: 10-Aug-2017, Time: 20:32:31, ID: ST170810M2-1 PFC CS-2 17H1015, Description: PFC CS-2 17H1015

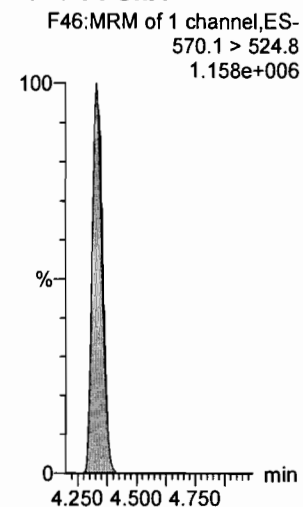
13C4-PFOS



13C6-PFDA



13C7-PFUnA



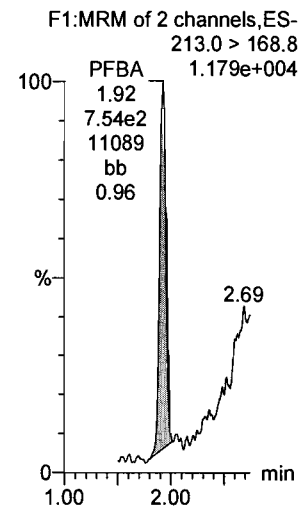
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

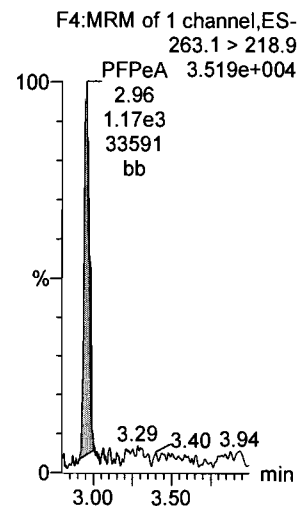
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_3, Date: 10-Aug-2017, Time: 20:43:21, ID: ST170810M2-2 PFC CS-1 17H1003, Description: PFC CS-1 17H1003

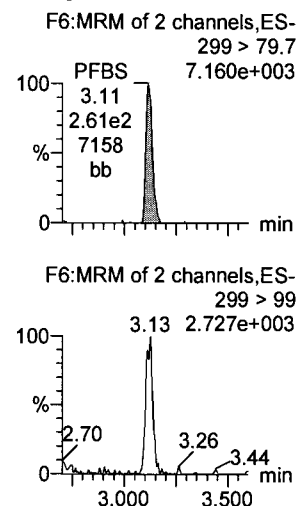
PFBA



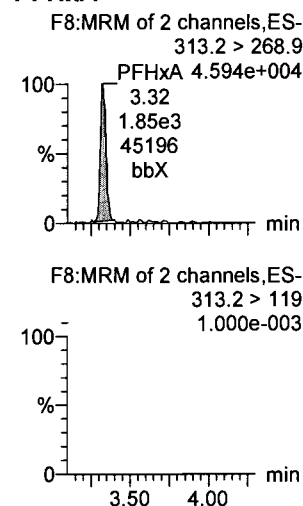
PFPeA



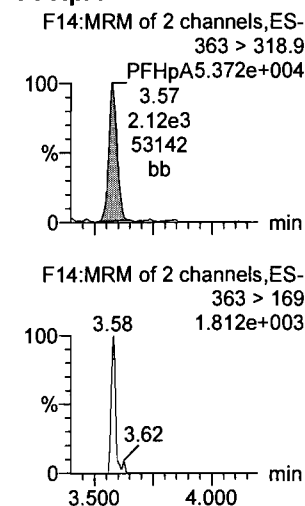
PFBS



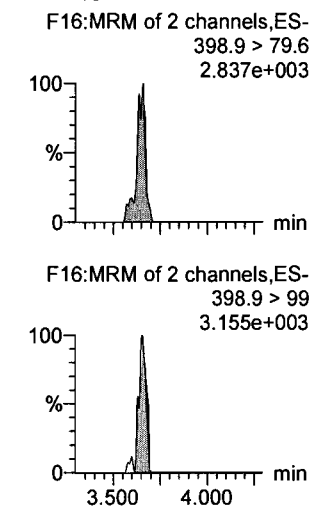
PFHxA



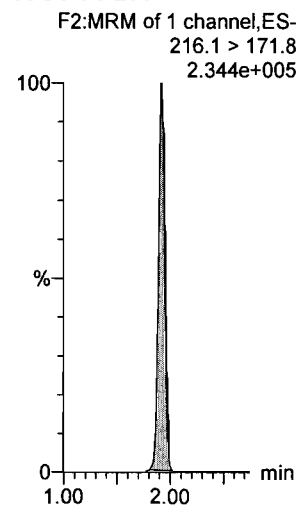
PFHpA



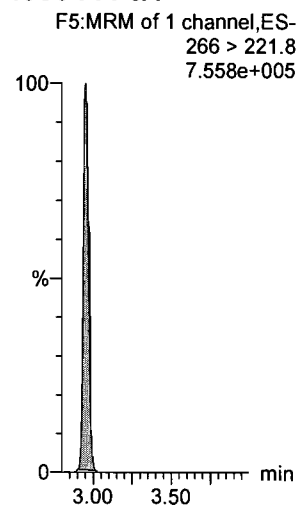
PFHxS



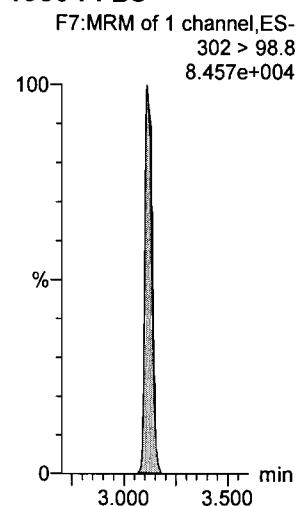
13C3-PFBA



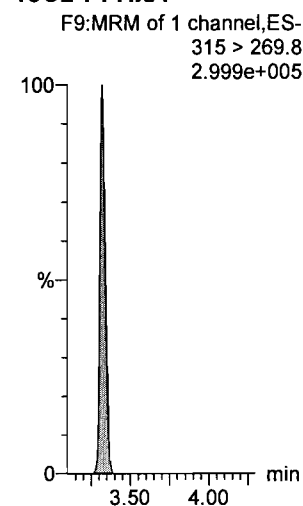
13C3-PFPeA



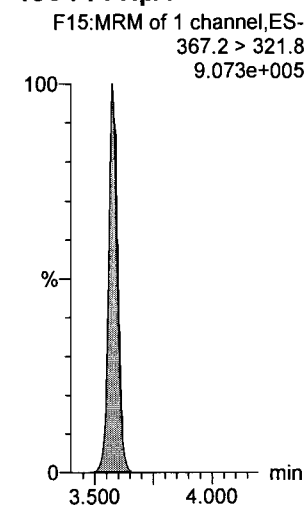
13C3-PFBS



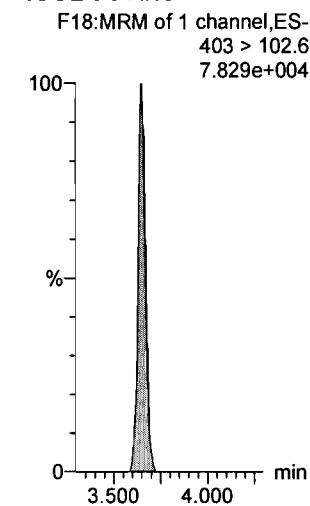
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



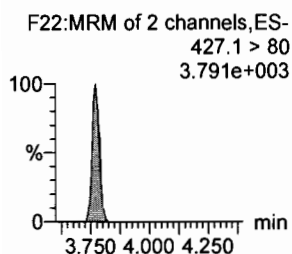
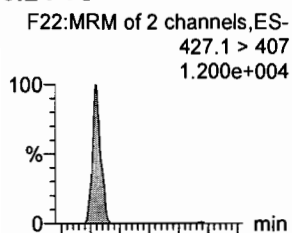
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

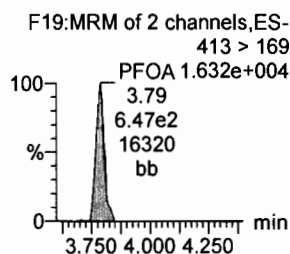
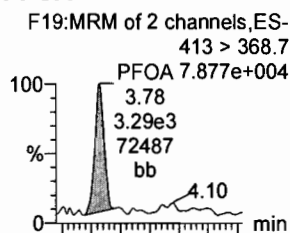
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_3, Date: 10-Aug-2017, Time: 20:43:21, ID: ST170810M2-2 PFC CS-1 17H1003, Description: PFC CS-1 17H1003

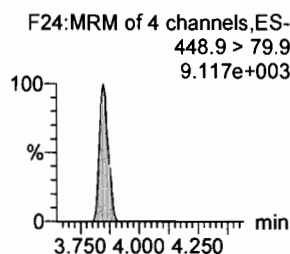
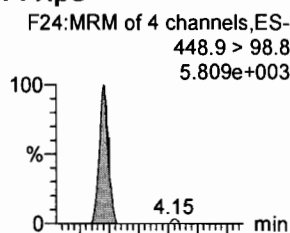
6:2 FTS



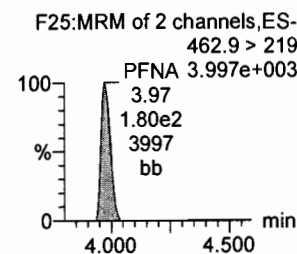
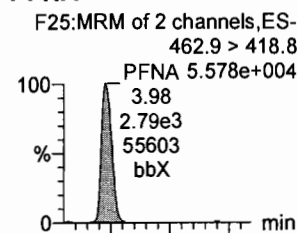
PFOA



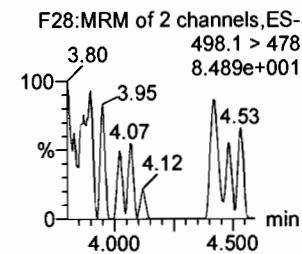
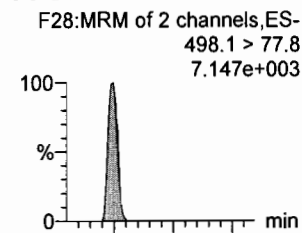
PFHpS



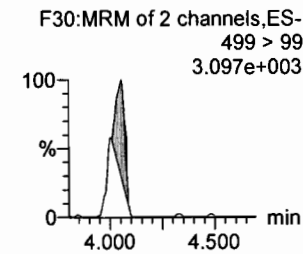
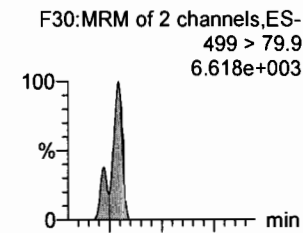
PFNA



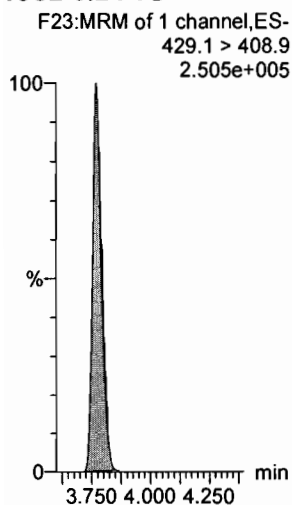
PFOSA



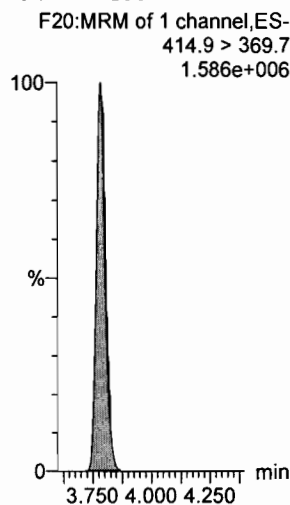
PFOS



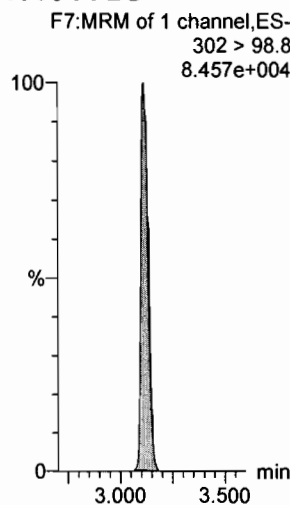
13C2-6:2 FTS



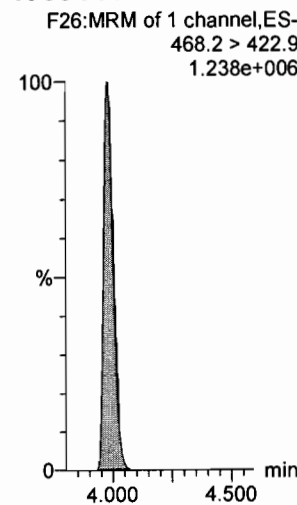
13C2-PFOA



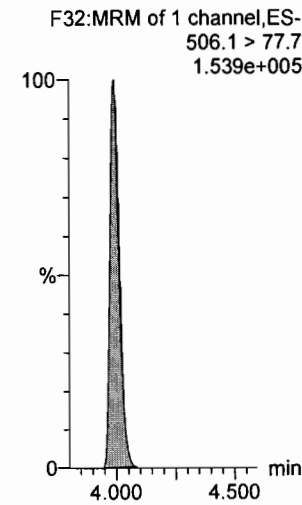
13C3-PFBS



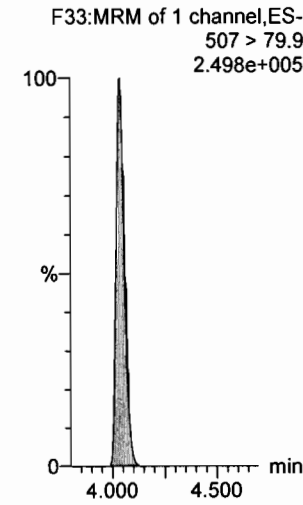
13C5-PFNA



13C8-PFOSA



13C8-PFOS



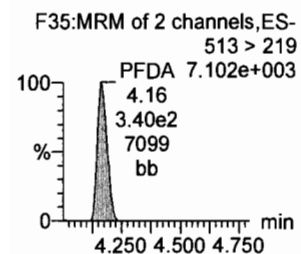
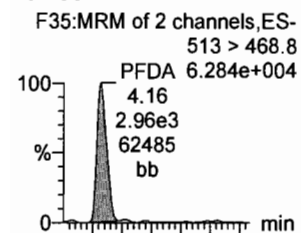
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

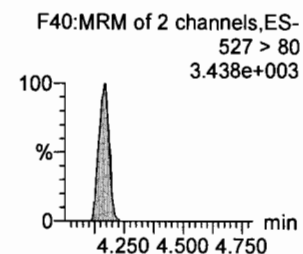
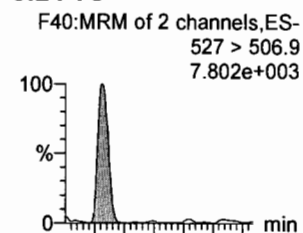
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_3, Date: 10-Aug-2017, Time: 20:43:21, ID: ST170810M2-2 PFC CS-1 17H1003, Description: PFC CS-1 17H1003

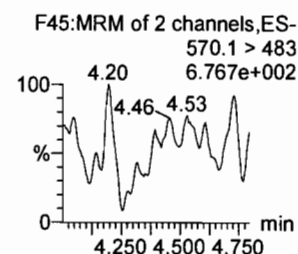
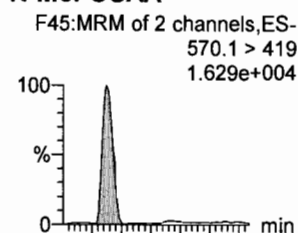
PFDA



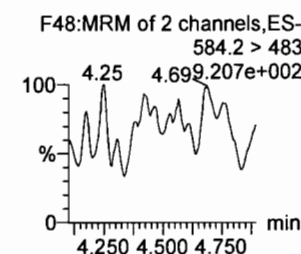
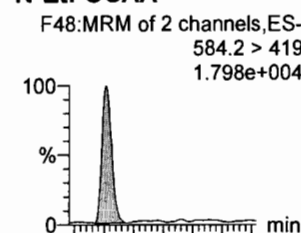
8:2 FTS



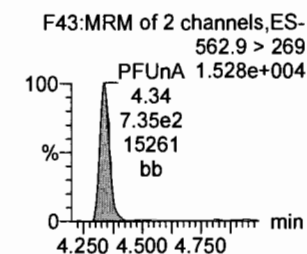
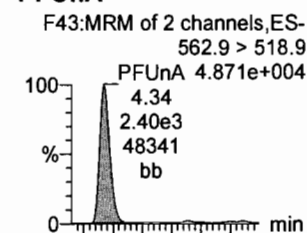
N-MeFOSAA



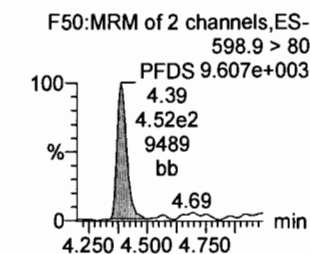
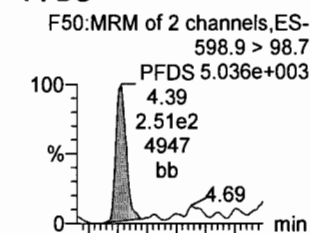
N-EtFOSAA



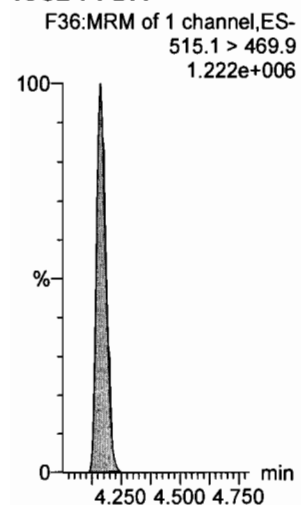
PFUnA



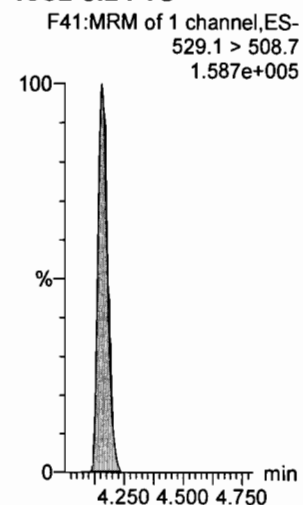
PFDS



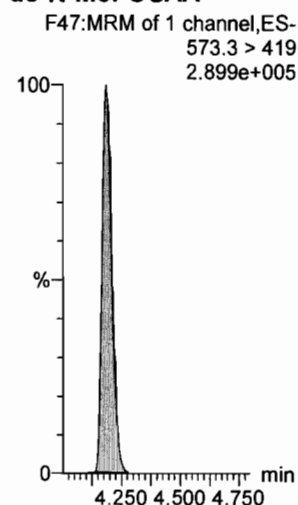
13C2-PFDA



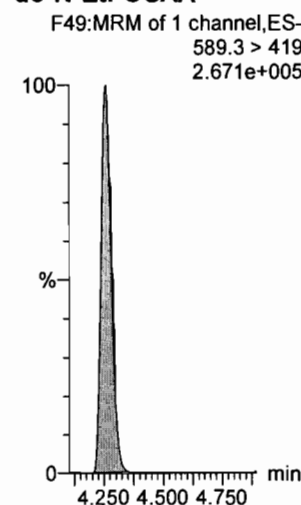
13C2-8:2 FTS



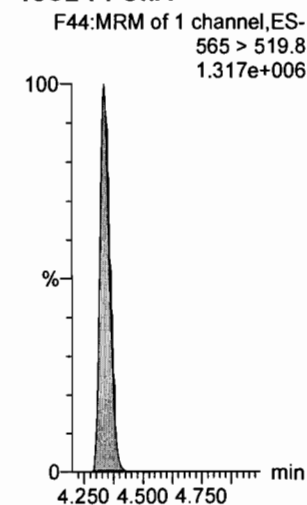
d3-N-MeFOSAA



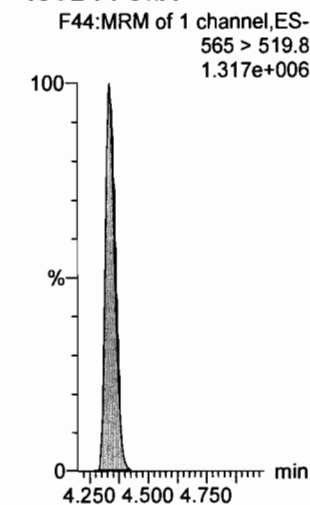
d5-N-EtFOSAA



13C2-PFUnA



13C2-PFUnA



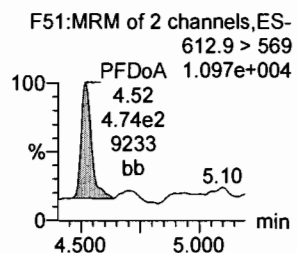
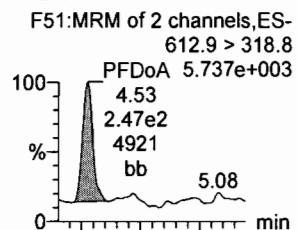
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

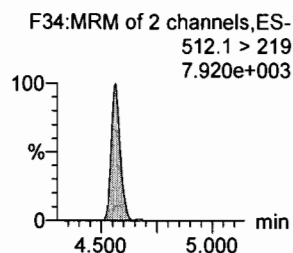
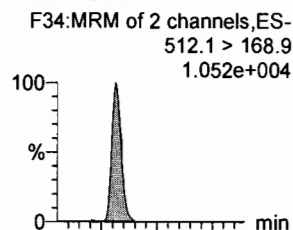
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_3, Date: 10-Aug-2017, Time: 20:43:21, ID: ST170810M2-2 PFC CS-1 17H1003, Description: PFC CS-1 17H1003

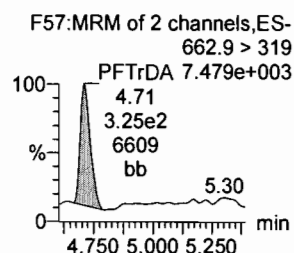
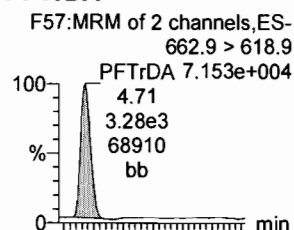
PFDaA



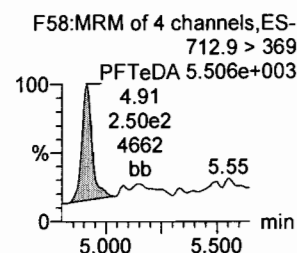
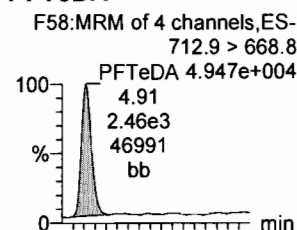
N-MeFOSA



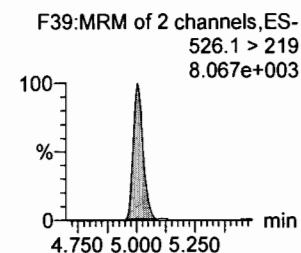
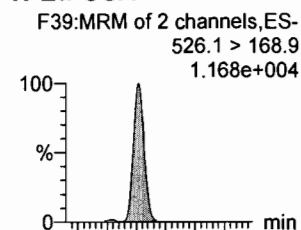
PFTTrDA



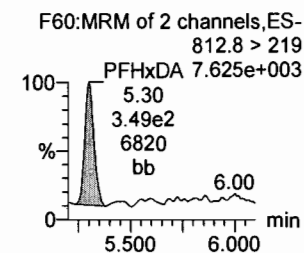
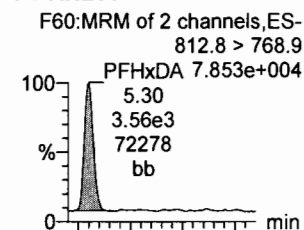
PFTeDA



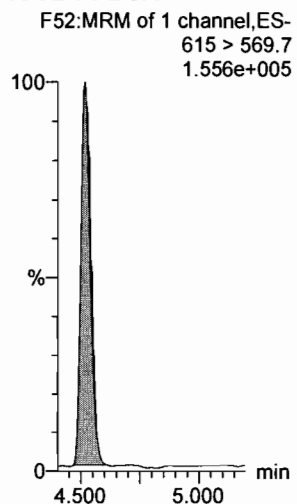
N-EtFOSA



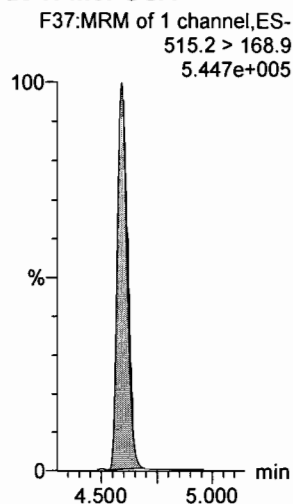
PFHxDA



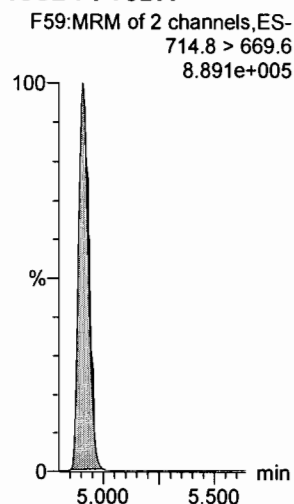
13C2-PFDaA



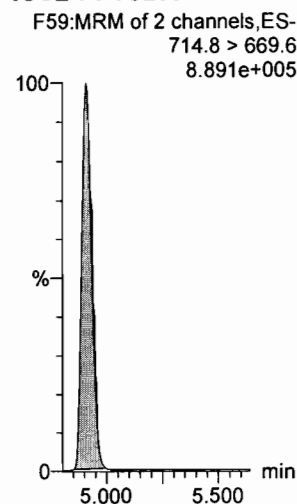
d3-N-MeFOSA



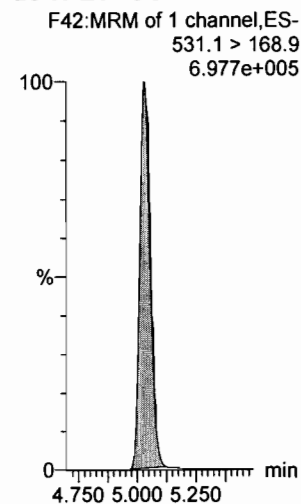
13C2-PFTeDA



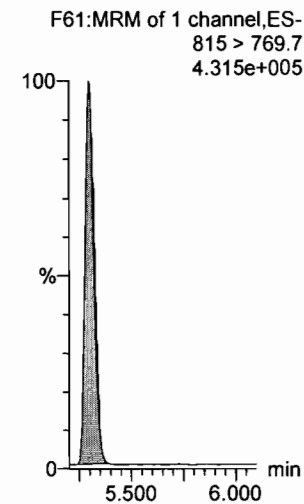
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

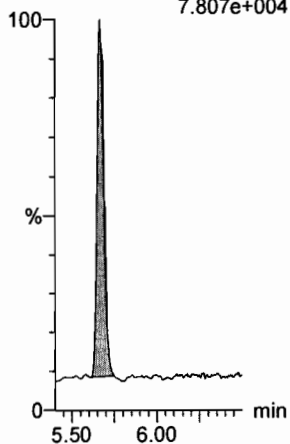
Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_3, Date: 10-Aug-2017, Time: 20:43:21, ID: ST170810M2-2 PFC CS-1 17H1003, Description: PFC CS-1 17H1003

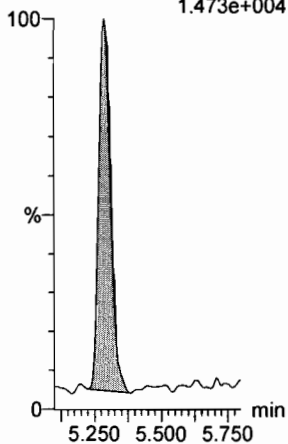
PFODA

F62:MRM of 4 channels,ES-
912.8 > 868.8
7.807e+004



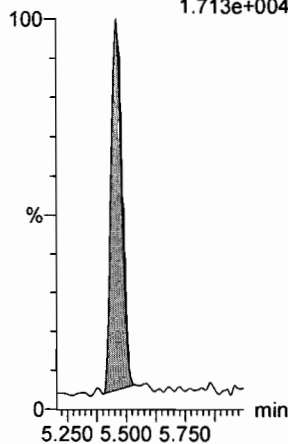
N-MeFOSE

F53:MRM of 1 channel,ES-
616.1 > 58.9
1.473e+004



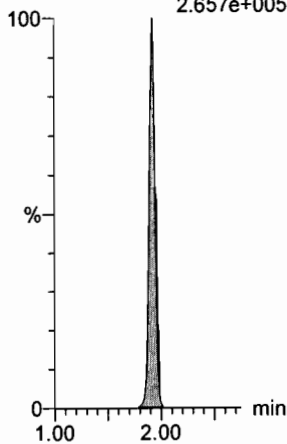
N-EtFOSE

F55:MRM of 1 channel,ES-
630.1 > 58.9
1.713e+004



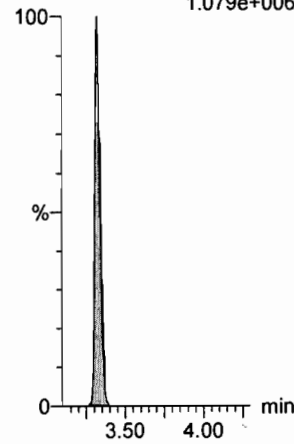
13C4-PFBA

F3:MRM of 1 channel,ES-
217 > 171.8
2.657e+005



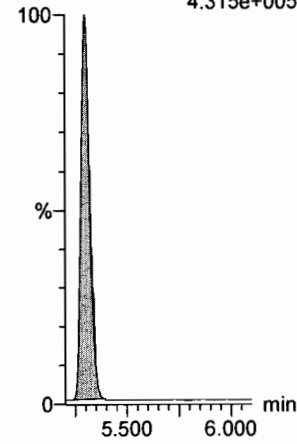
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
1.079e+006



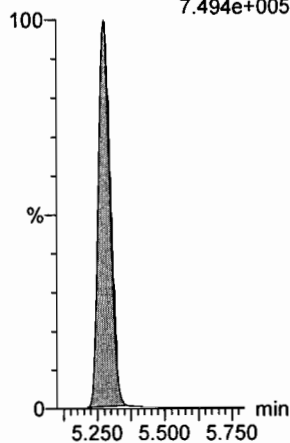
13C2-PFHxDA

F61:MRM of 1 channel,ES-
815 > 769.7
4.315e+005



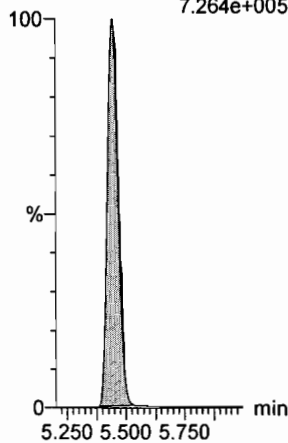
d7-N-MeFOSE

F54:MRM of 1 channel,ES-
623.1 > 58.9
7.494e+005



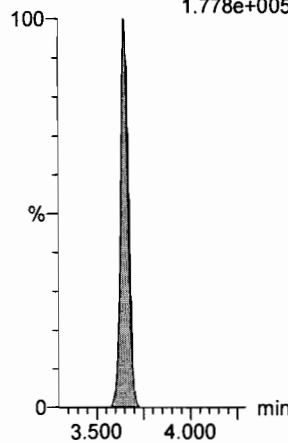
d9-N-EtFOSE

F56:MRM of 1 channel,ES-
639.2 > 58.8
7.264e+005



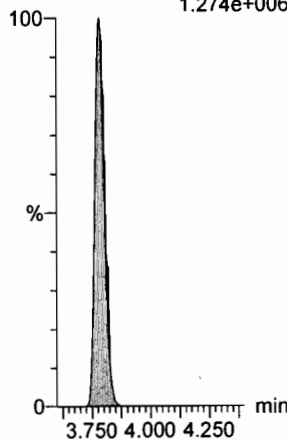
13C3-PFHxS

F17:MRM of 1 channel,ES-
401.9 > 79.9
1.778e+005



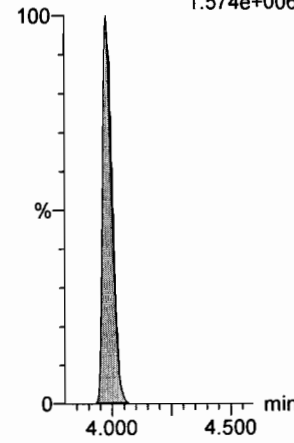
13C8-PFOA

F21:MRM of 1 channel,ES-
421.3 > 376
1.274e+006



13C9-PFNA

F27:MRM of 1 channel,ES-
472.2 > 426.9
1.574e+006



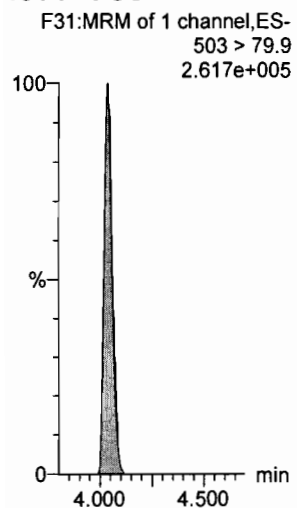
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

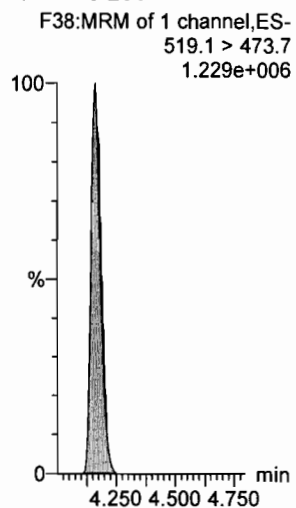
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_3, Date: 10-Aug-2017, Time: 20:43:21, ID: ST170810M2-2 PFC CS-1 17H1003, Description: PFC CS-1 17H1003

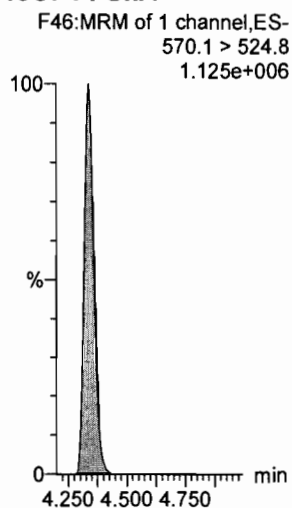
13C4-PFOS



13C6-PFDA



13C7-PFUnA



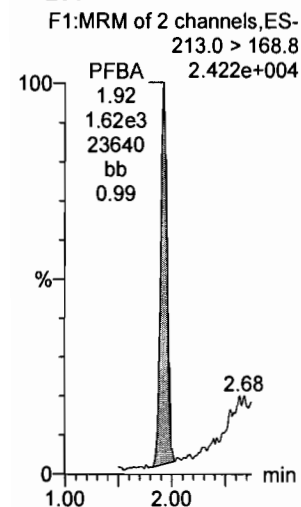
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

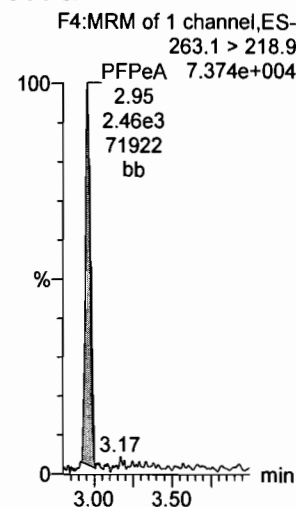
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_4, Date: 10-Aug-2017, Time: 20:54:09, ID: ST170810M2-3 PFC CS0 17H1004, Description: PFC CS0 17H1004

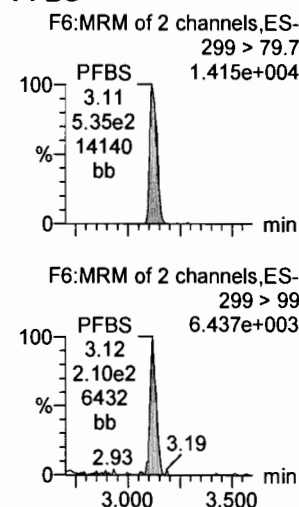
PFBA



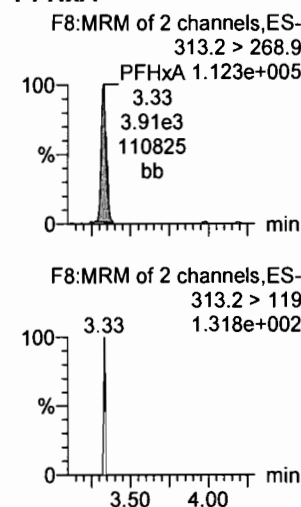
PFPeA



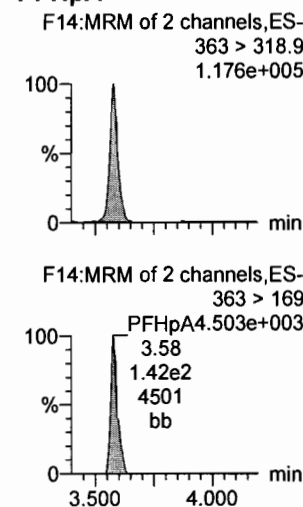
PFBS



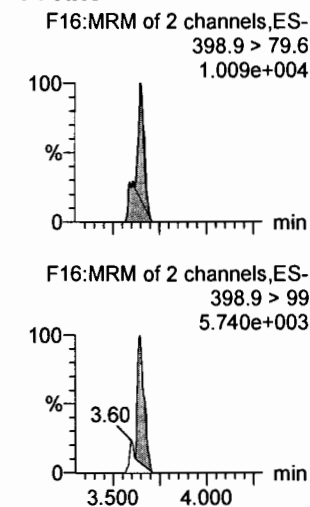
PFHxA



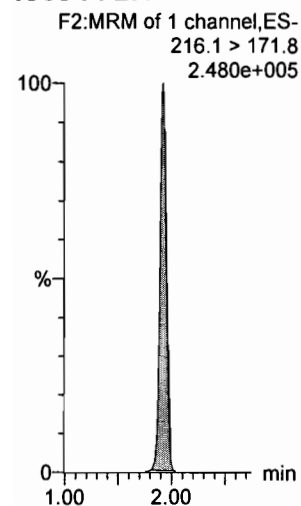
PFHpA



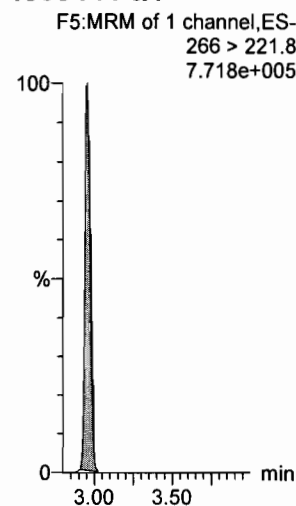
PFHxS



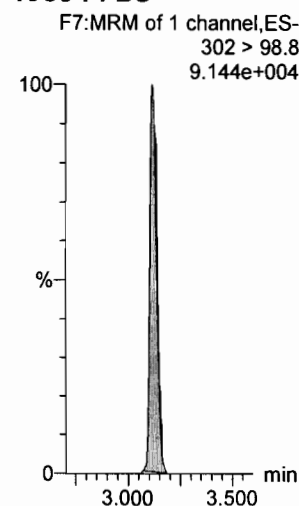
13C3-PFBA



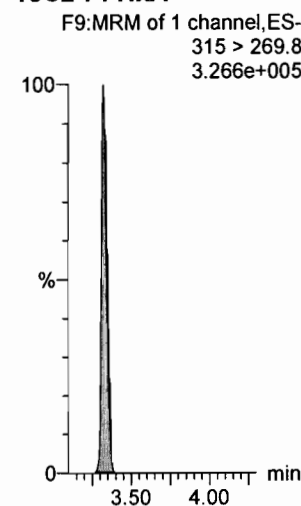
13C3-PFPeA



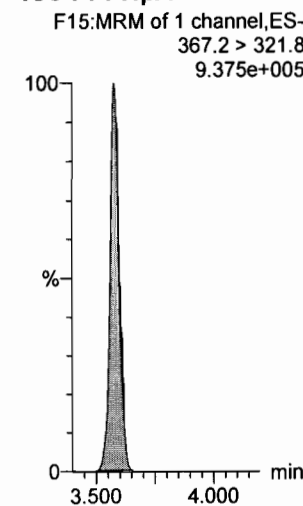
13C3-PFBS



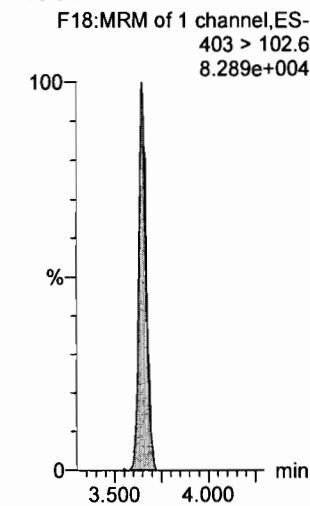
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



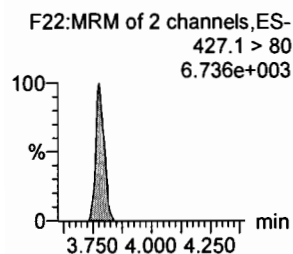
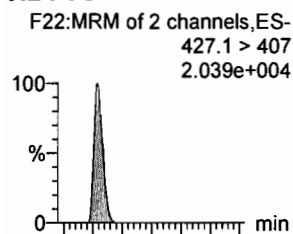
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

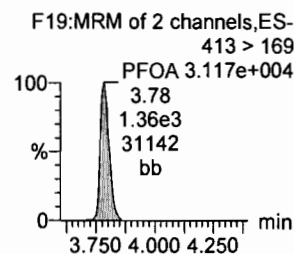
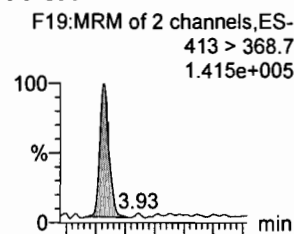
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_4, Date: 10-Aug-2017, Time: 20:54:09, ID: ST170810M2-3 PFC CS0 17H1004, Description: PFC CS0 17H1004

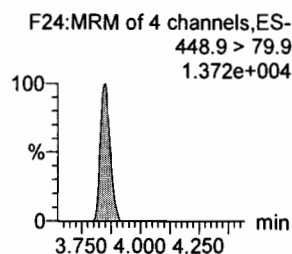
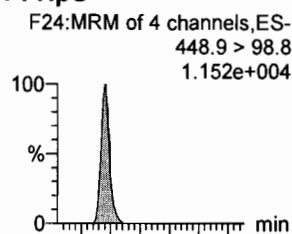
6:2 FTS



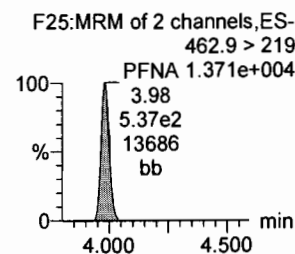
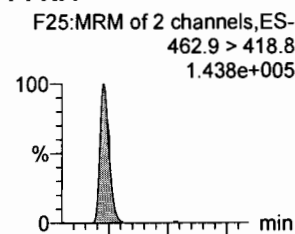
PFOA



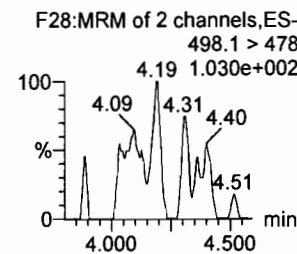
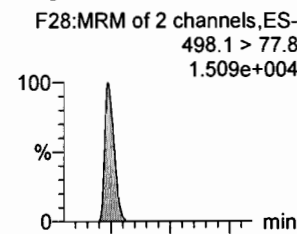
PFHpS



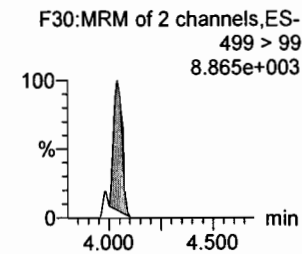
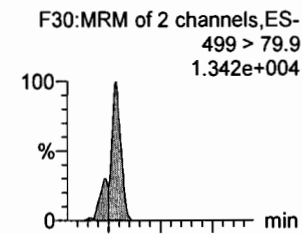
PFNA



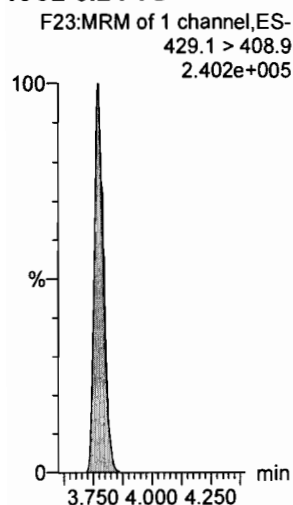
PFOSA



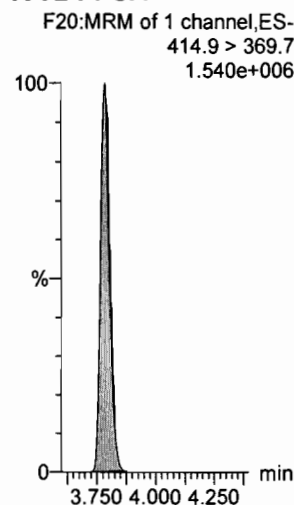
PFOS



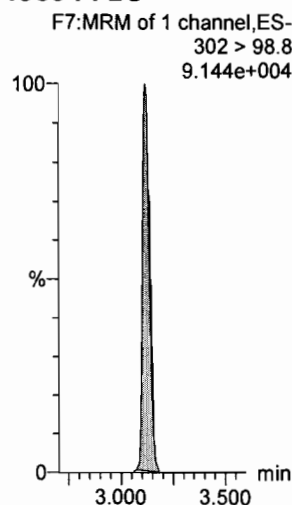
13C2-6:2 FTS



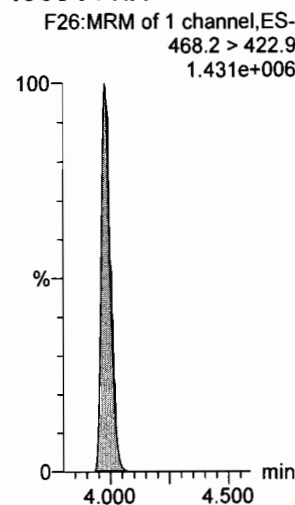
13C2-PFOA



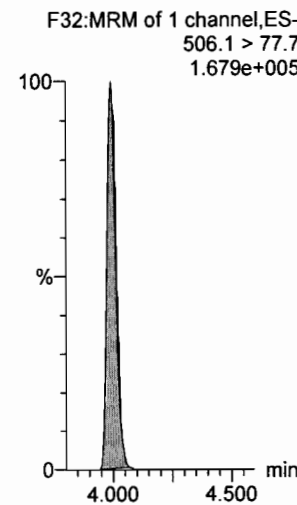
13C3-PFBS



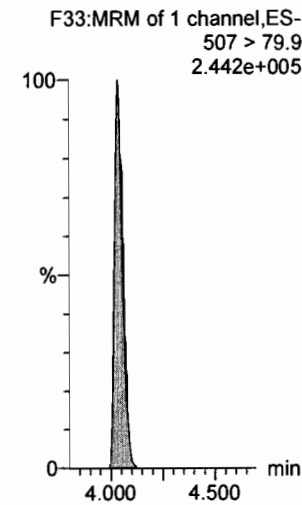
13C5-PFNA



13C8-PFOA



13C8-PFOS



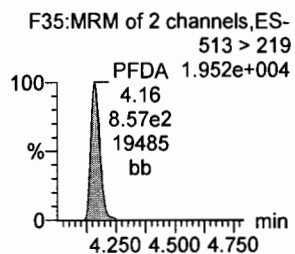
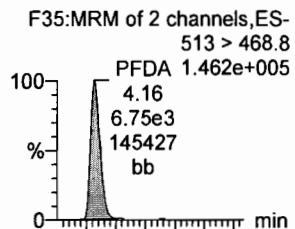
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

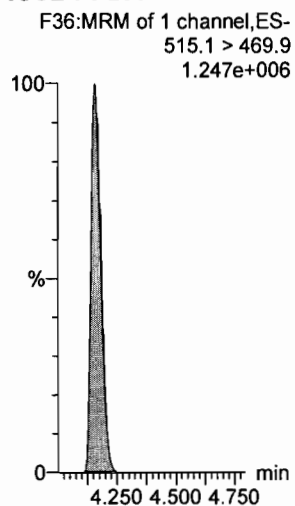
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_4, Date: 10-Aug-2017, Time: 20:54:09, ID: ST170810M2-3 PFC CS0 17H1004, Description: PFC CS0 17H1004

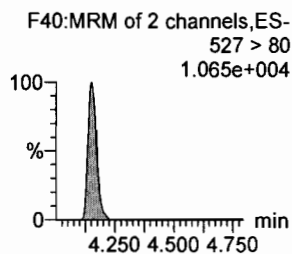
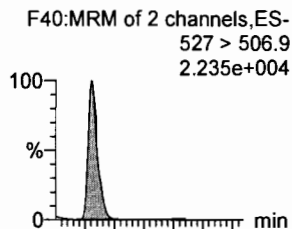
PFDA



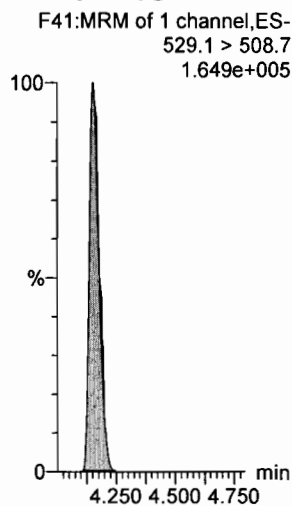
13C2-PFDA



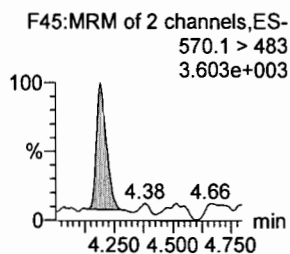
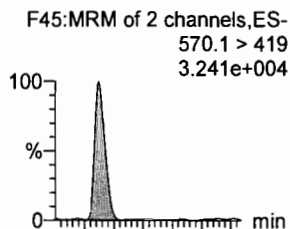
8:2 FTS



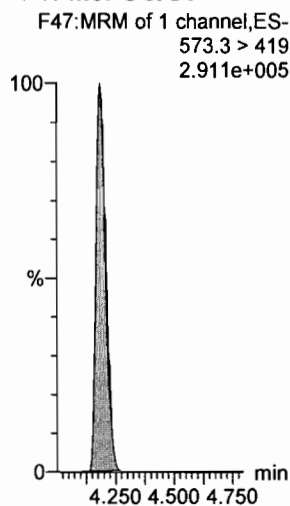
13C2-8:2 FTS



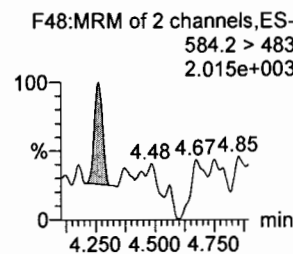
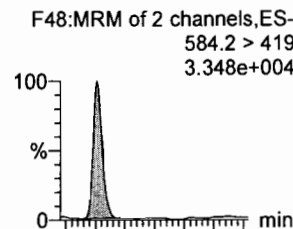
N-MeFOSAA



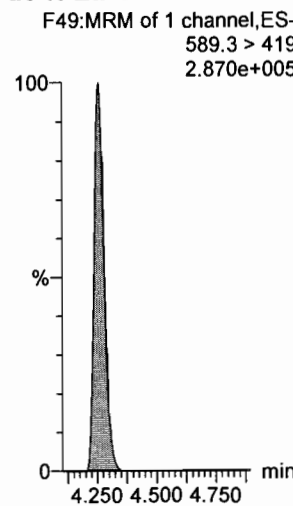
d3-N-MeFOSAA



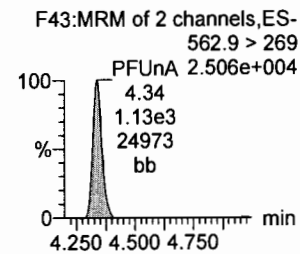
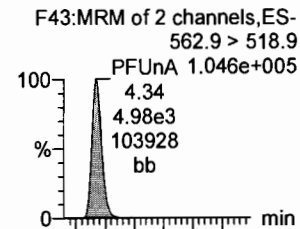
N-EtFOSAA



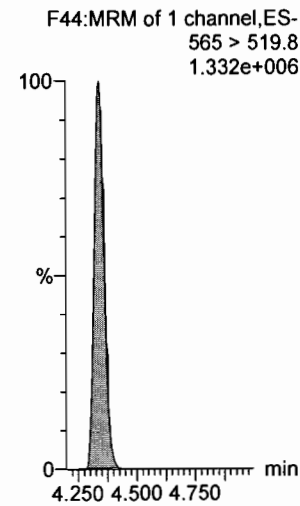
d5-N-EtFOSAA



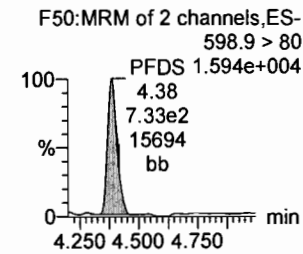
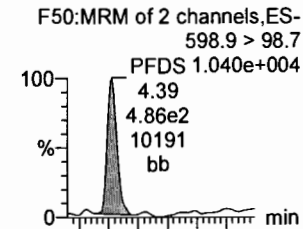
PFUnA



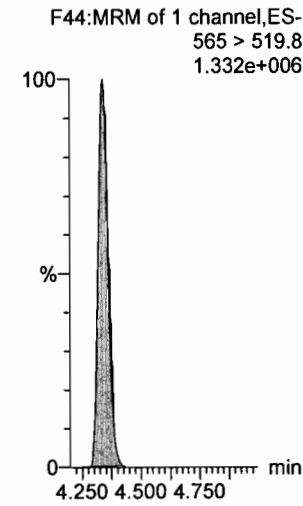
13C2-PFUnA



PFDS



13C2-PFUnA



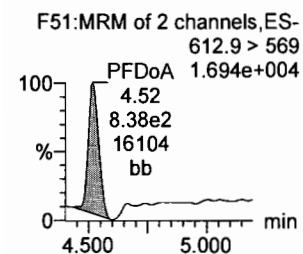
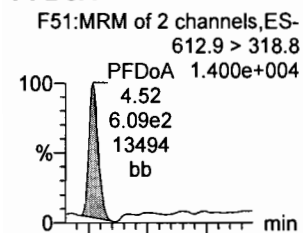
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

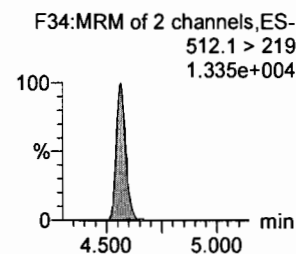
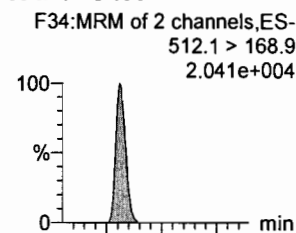
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_4, Date: 10-Aug-2017, Time: 20:54:09, ID: ST170810M2-3 PFC CS0 17H1004, Description: PFC CS0 17H1004

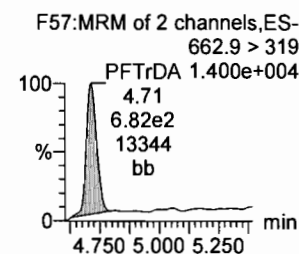
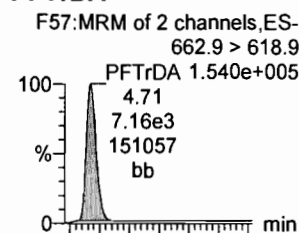
PFD_oA



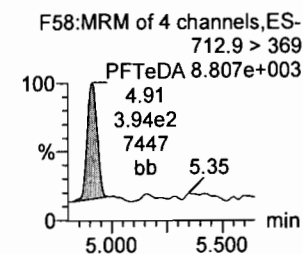
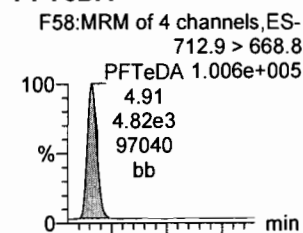
N-MeFOSA



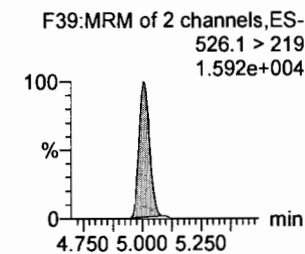
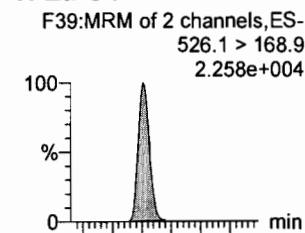
PFT_rDA



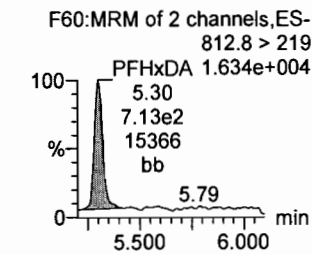
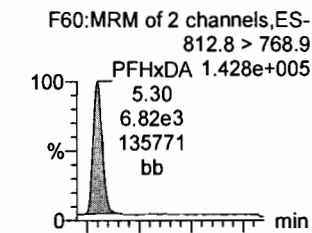
PFT_eDA



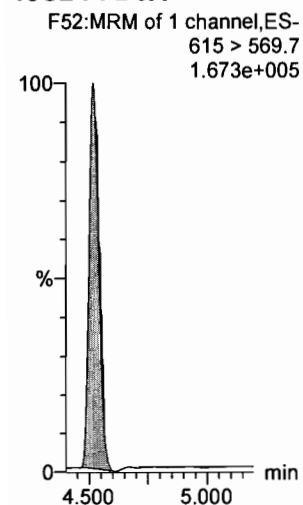
N-EtFOSA



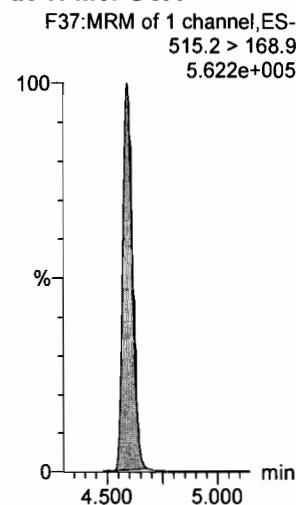
PFH_xDA



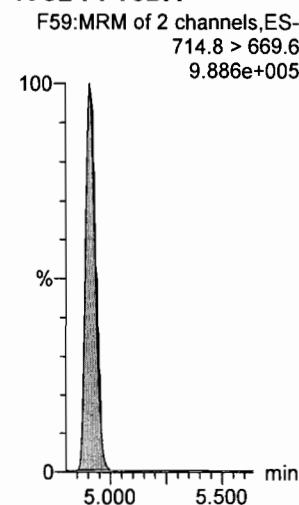
13C2-PFD_oA



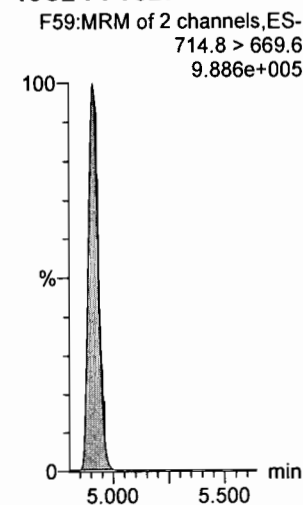
d3-N-MeFOSA



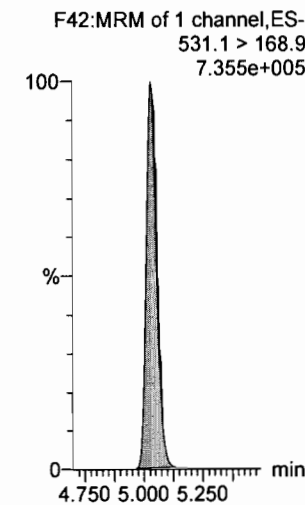
13C2-PFT_eDA



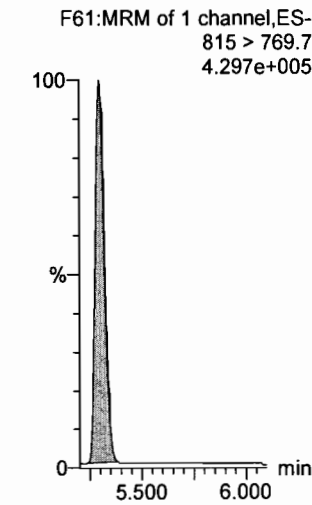
13C2-PFT_eDA



d5-N-ETFOSA



13C2-PFH_xDA



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

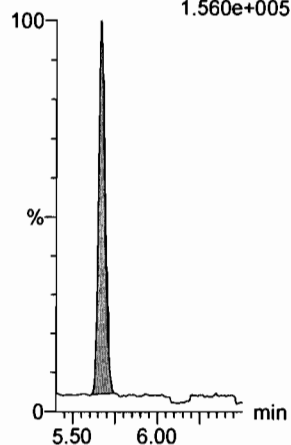
Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_4, Date: 10-Aug-2017, Time: 20:54:09, ID: ST170810M2-3 PFC CS0 17H1004, Description: PFC CS0 17H1004

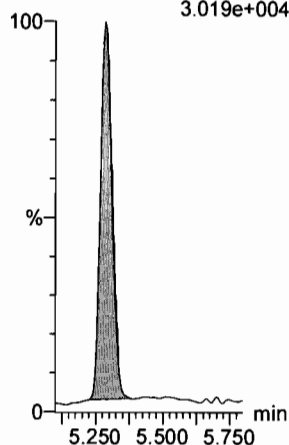
PFODA

F62:MRM of 4 channels,ES-
912.8 > 868.8
1.560e+005



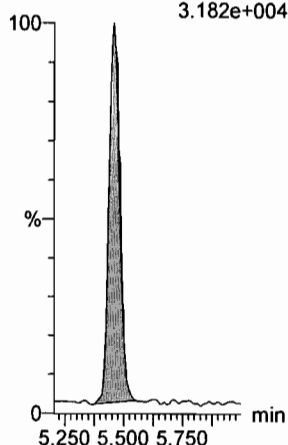
N-MeFOSE

F53:MRM of 1 channel,ES-
616.1 > 58.9
3.019e+004



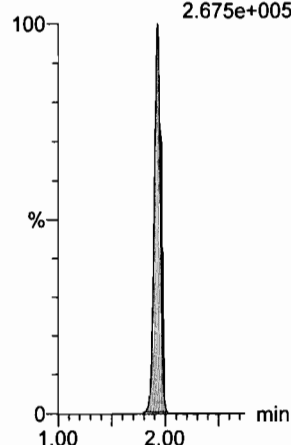
N-EtFOSE

F55:MRM of 1 channel,ES-
630.1 > 58.9
3.182e+004



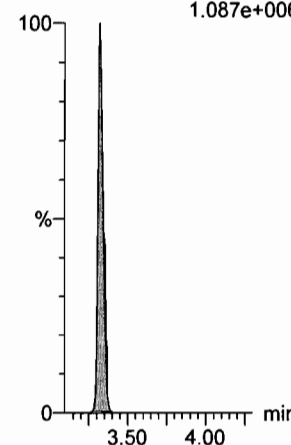
13C4-PFBA

F3:MRM of 1 channel,ES-
217 > 171.8
2.675e+005



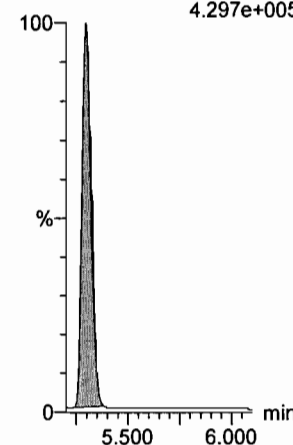
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
1.087e+006



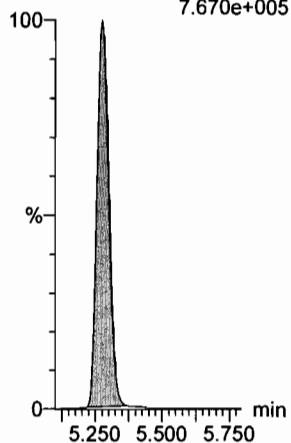
13C2-PFHxDA

F61:MRM of 1 channel,ES-
815 > 769.7
4.297e+005



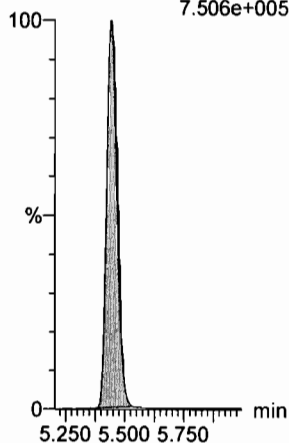
d7-N-MeFOSE

F54:MRM of 1 channel,ES-
623.1 > 58.9
7.670e+005



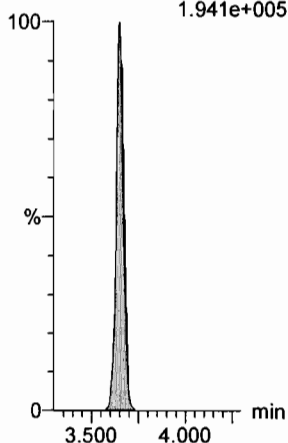
d9-N-EtFOSE

F56:MRM of 1 channel,ES-
639.2 > 58.8
7.506e+005



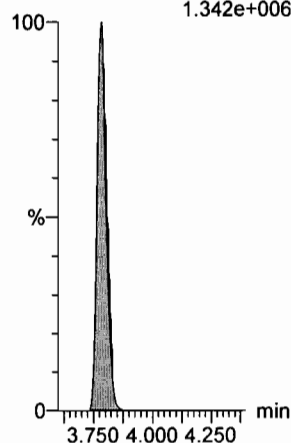
13C3-PFHxS

F17:MRM of 1 channel,ES-
401.9 > 79.9
1.941e+005



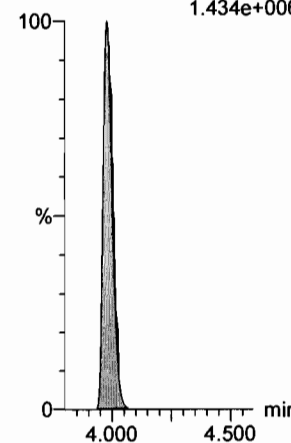
13C8-PFOA

F21:MRM of 1 channel,ES-
421.3 > 376
1.342e+006



13C9-PFNA

F27:MRM of 1 channel,ES-
472.2 > 426.9
1.434e+006



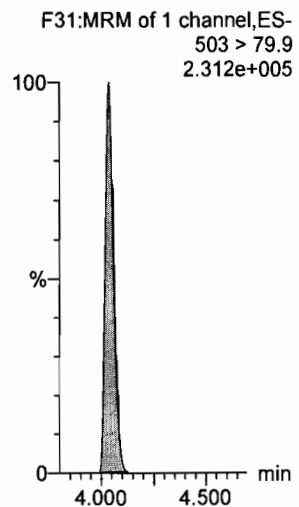
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

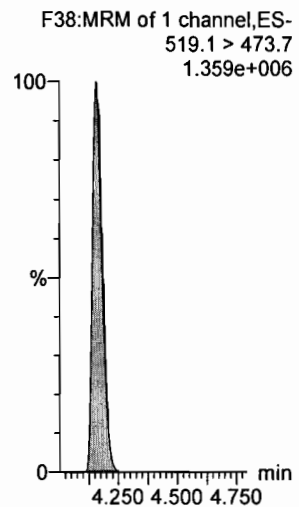
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_4, Date: 10-Aug-2017, Time: 20:54:09, ID: ST170810M2-3 PFC CS0 17H1004, Description: PFC CS0 17H1004

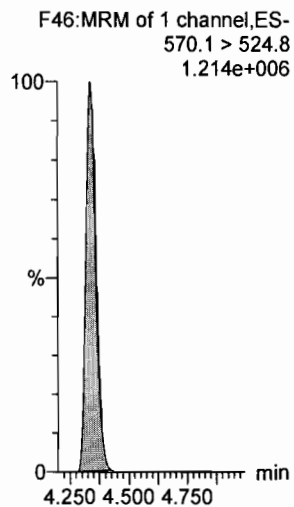
13C4-PFOS



13C6-PFDA



13C7-PFUnA



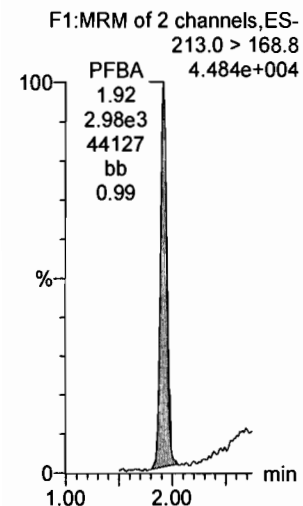
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

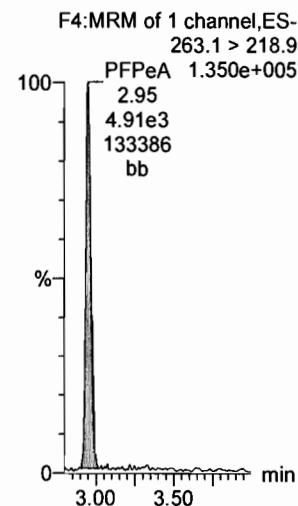
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_5, Date: 10-Aug-2017, Time: 21:05:02, ID: ST170810M2-4 PFC CS1 17H1016, Description: PFC CS1 17H1016

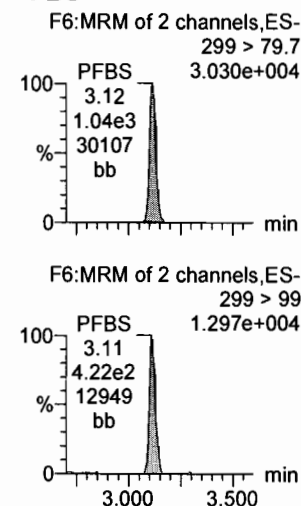
PFBA



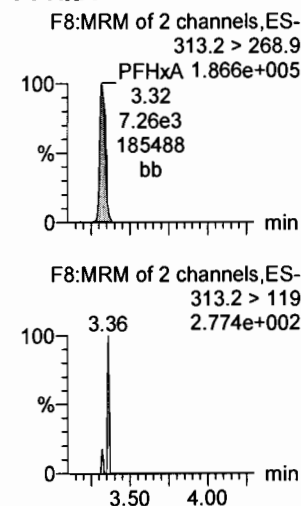
PFPeA



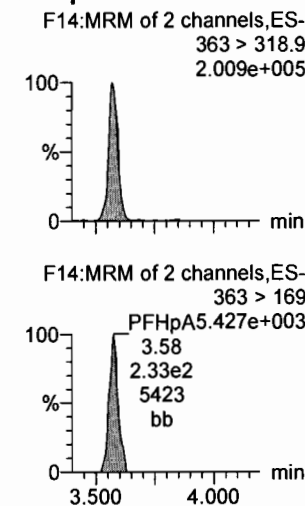
PFBS



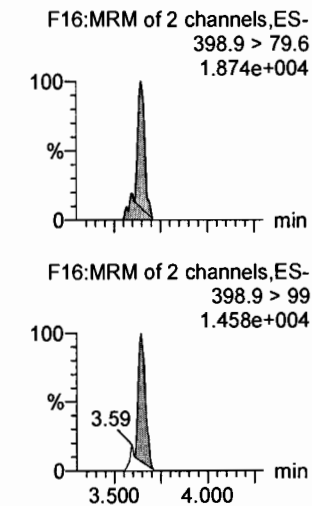
PFHxA



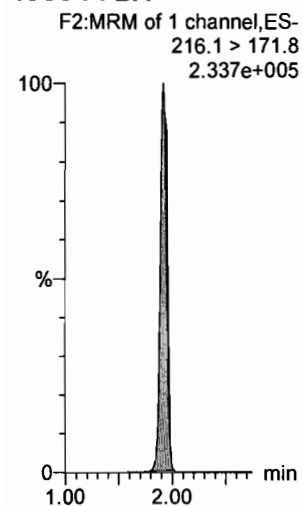
PFHpA



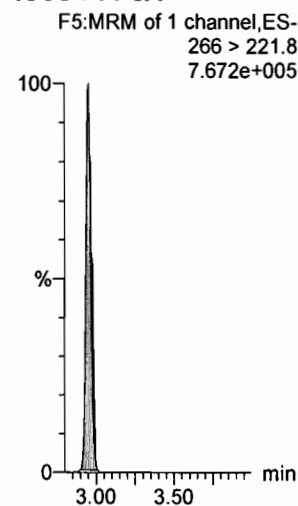
PFHxS



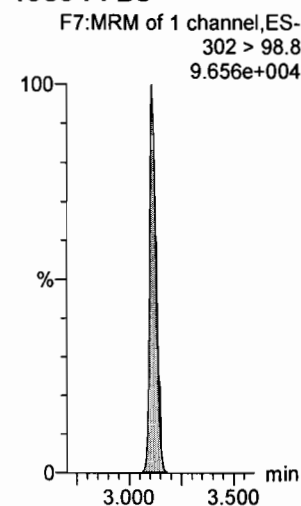
13C3-PFBA



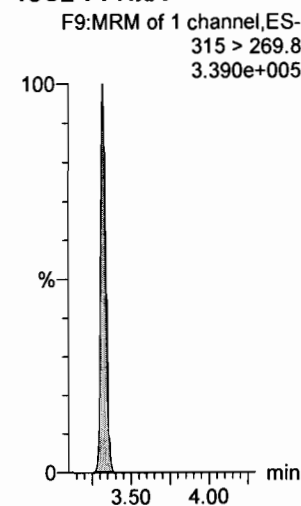
13C3-PFPeA



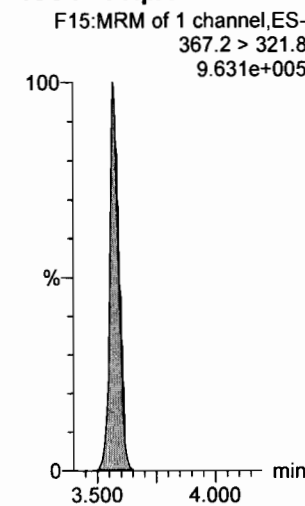
13C3-PFBS



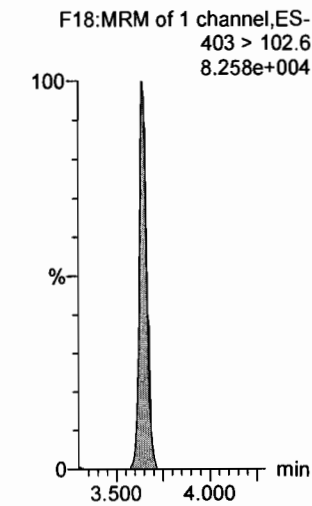
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS

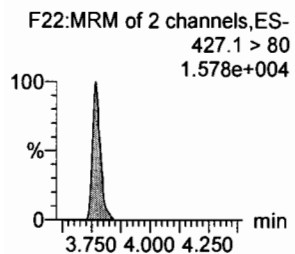
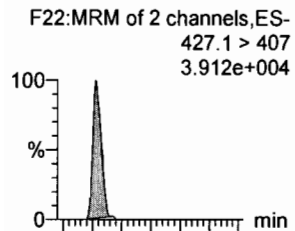


Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

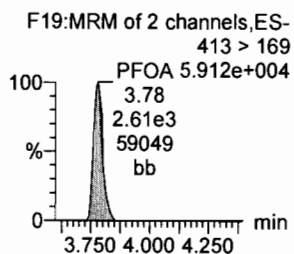
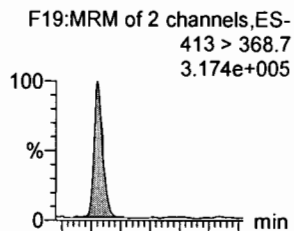
Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_5, Date: 10-Aug-2017, Time: 21:05:02, ID: ST170810M2-4 PFC CS1 17H1016, Description: PFC CS1 17H1016

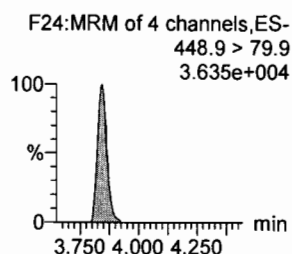
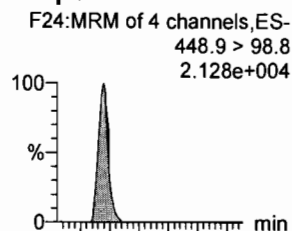
6:2 FTS



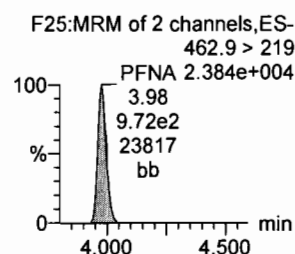
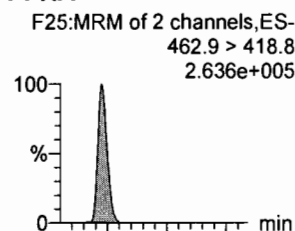
PFOA



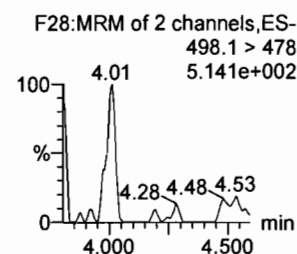
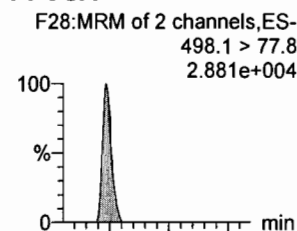
PFHpS



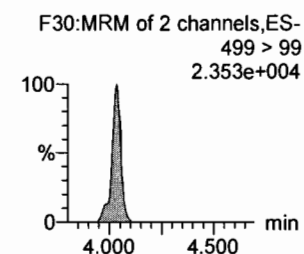
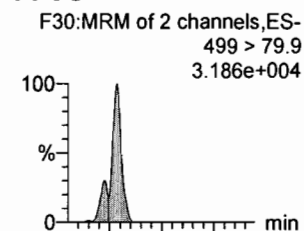
PFNA



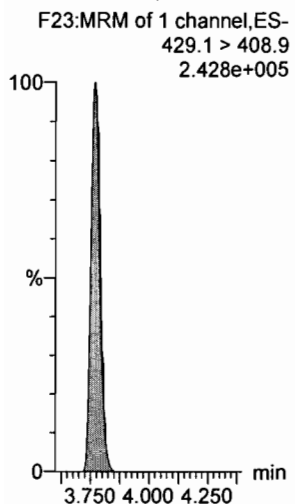
PFOSA



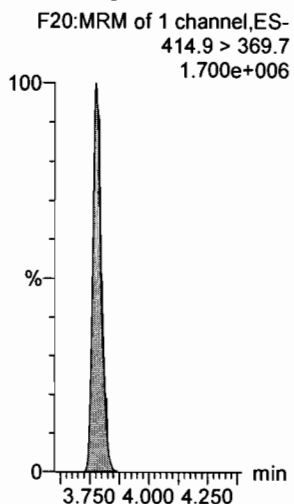
PFOS



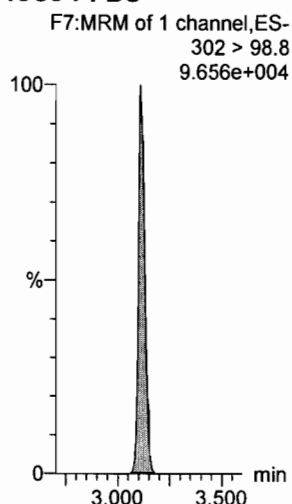
13C2-6:2 FTS



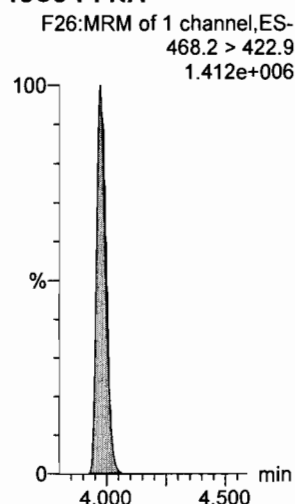
13C2-PFOA



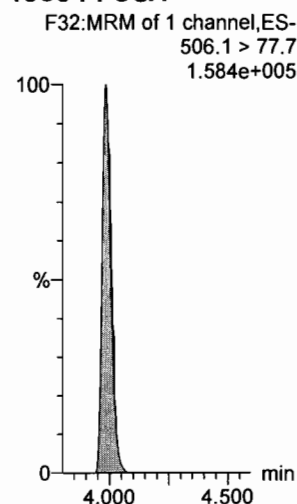
13C3-PFBS



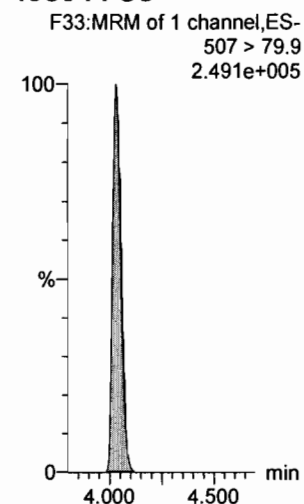
13C5-PFNA



13C8-PFOSA



13C8-PFOS



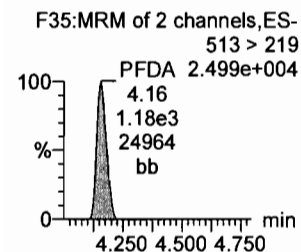
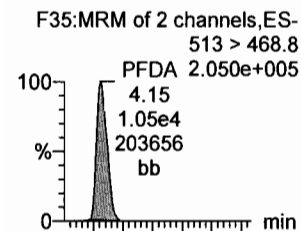
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

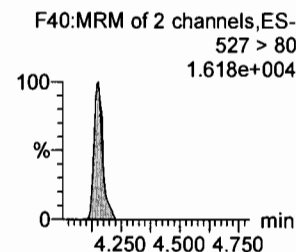
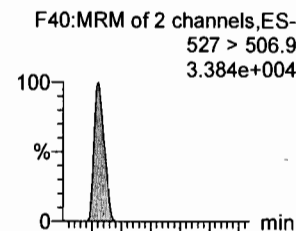
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_5, Date: 10-Aug-2017, Time: 21:05:02, ID: ST170810M2-4 PFC CS1 17H1016, Description: PFC CS1 17H1016

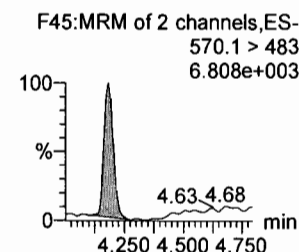
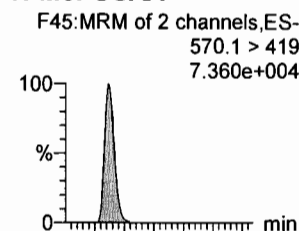
PFDA



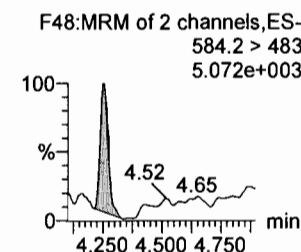
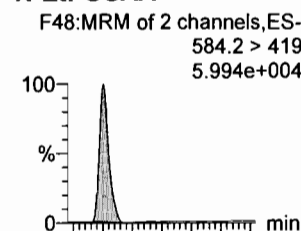
8:2 FTS



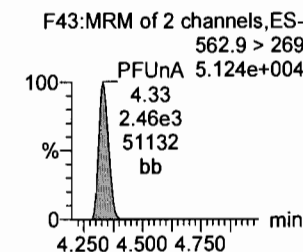
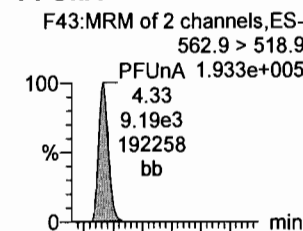
N-MeFOSAA



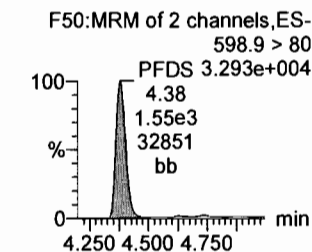
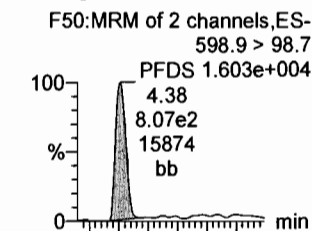
N-EtFOSAA



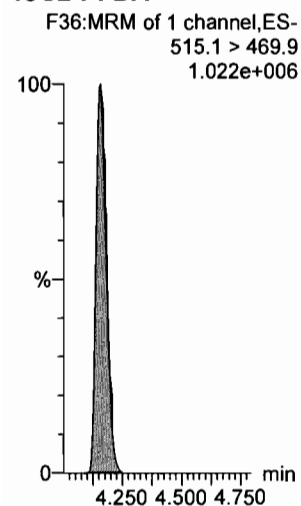
PFUnA



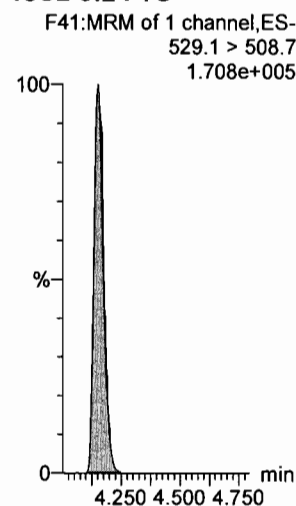
PFDS



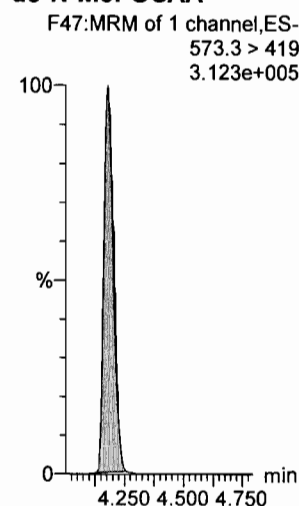
13C2-PFDA



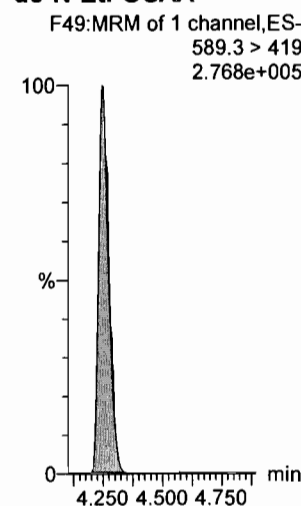
13C2-8:2 FTS



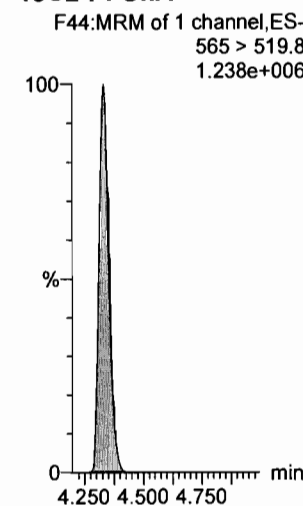
d3-N-MeFOSAA



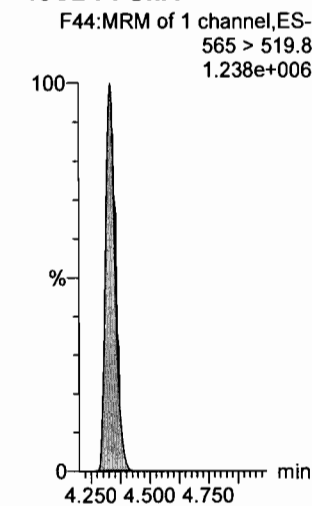
d5-N-EtFOSAA



13C2-PFUnA



13C2-PFUnA

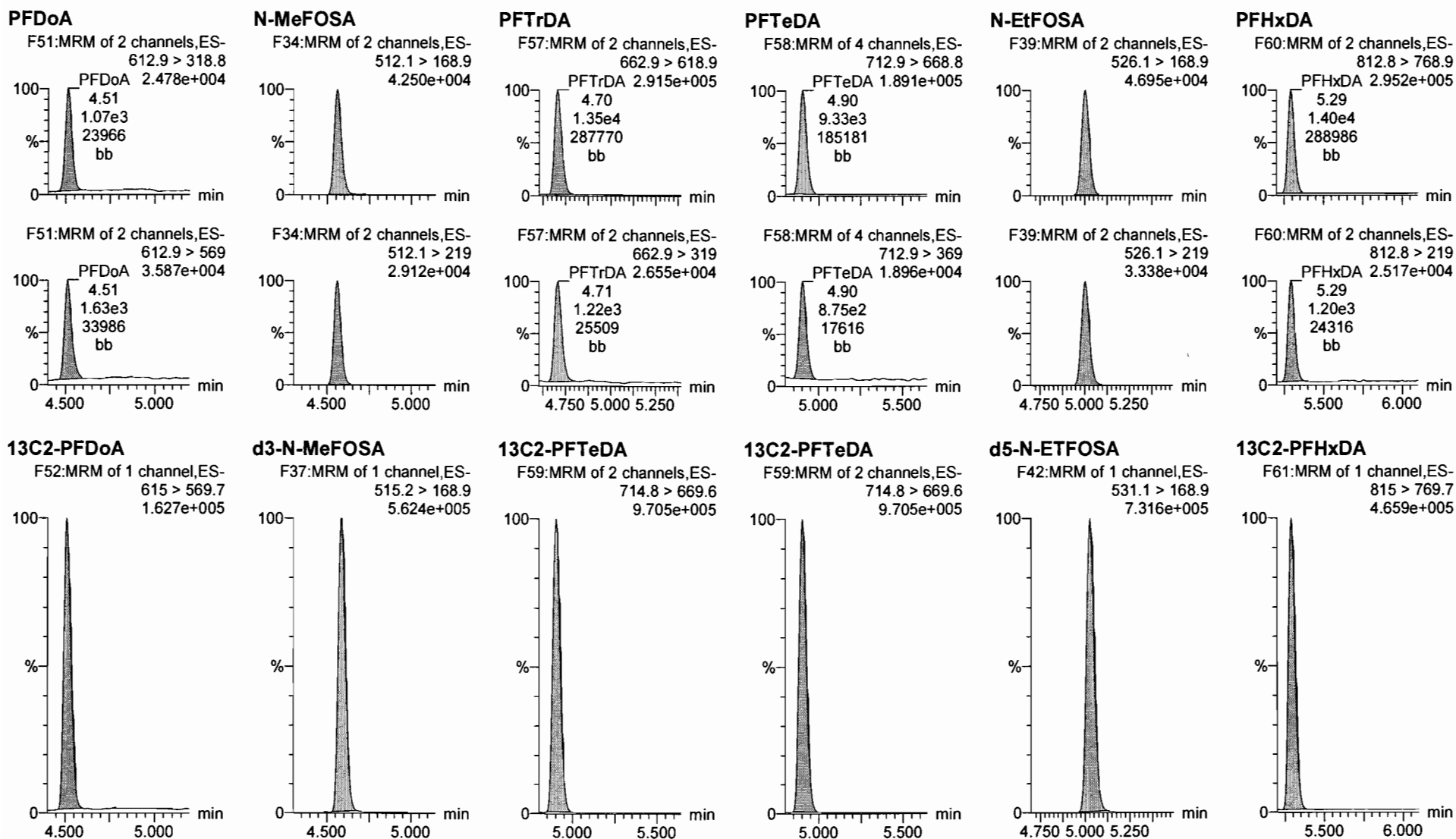


Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_5, Date: 10-Aug-2017, Time: 21:05:02, ID: ST170810M2-4 PFC CS1 17H1016, Description: PFC CS1 17H1016



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

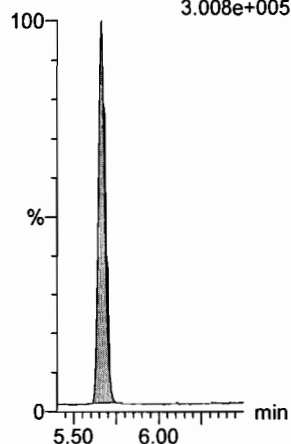
Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_5, Date: 10-Aug-2017, Time: 21:05:02, ID: ST170810M2-4 PFC CS1 17H1016, Description: PFC CS1 17H1016

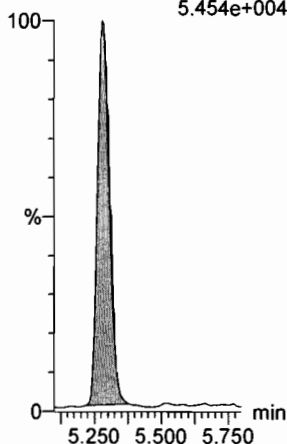
PFODA

F62:MRM of 4 channels,ES-
912.8 > 868.8
3.008e+005



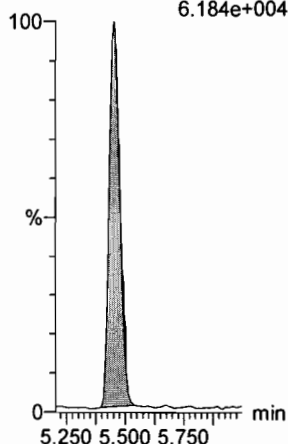
N-MeFOSE

F53:MRM of 1 channel,ES-
616.1 > 58.9
5.454e+004



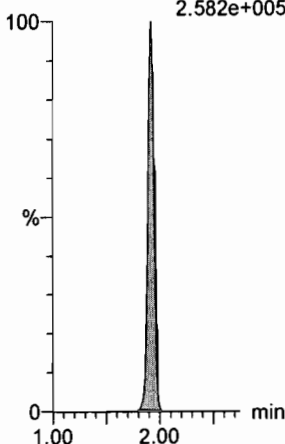
N-EtFOSE

F55:MRM of 1 channel,ES-
630.1 > 58.9
6.184e+004



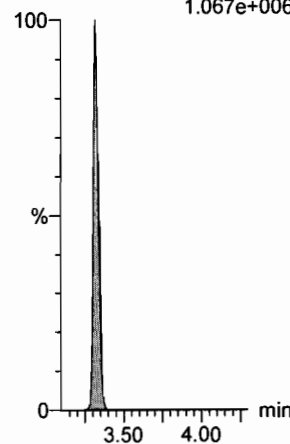
13C4-PFBA

F3:MRM of 1 channel,ES-
217 > 171.8
2.582e+005



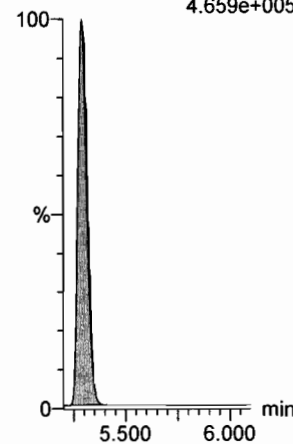
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
1.067e+006



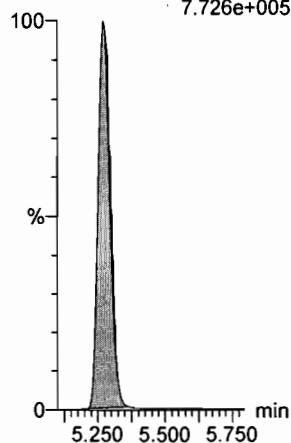
13C2-PFHxDA

F61:MRM of 1 channel,ES-
815 > 769.7
4.659e+005



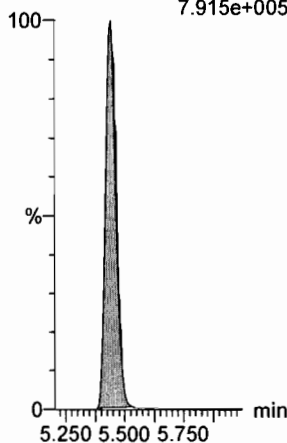
d7-N-MeFOSE

F54:MRM of 1 channel,ES-
623.1 > 58.9
7.726e+005



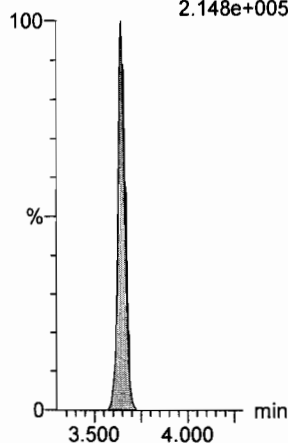
d9-N-EtFOSE

F56:MRM of 1 channel,ES-
639.2 > 58.8
7.915e+005



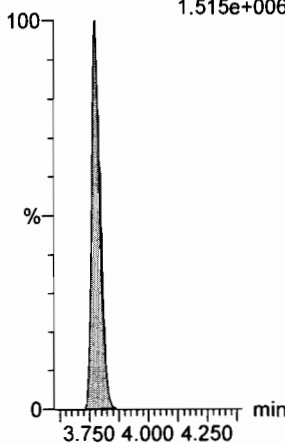
13C3-PFHxS

F17:MRM of 1 channel,ES-
401.9 > 79.9
2.148e+005



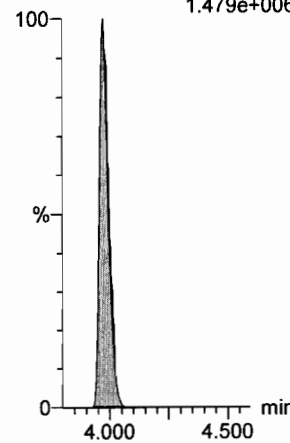
13C8-PFOA

F21:MRM of 1 channel,ES-
421.3 > 376
1.515e+006



13C9-PFNA

F27:MRM of 1 channel,ES-
472.2 > 426.9
1.479e+006



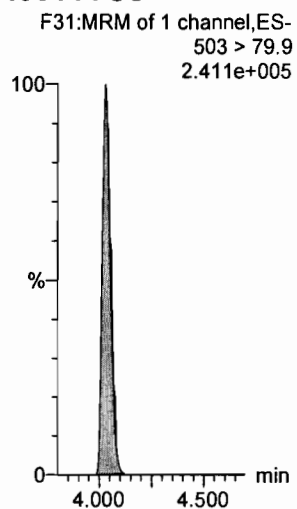
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

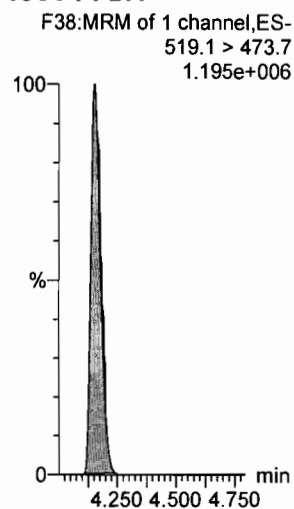
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_5, Date: 10-Aug-2017, Time: 21:05:02, ID: ST170810M2-4 PFC CS1 17H1016, Description: PFC CS1 17H1016

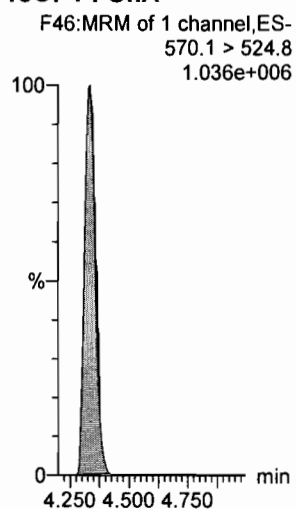
13C4-PFOS



13C6-PFDA



13C7-PFUnA



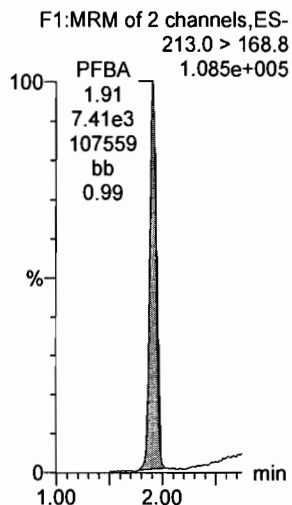
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

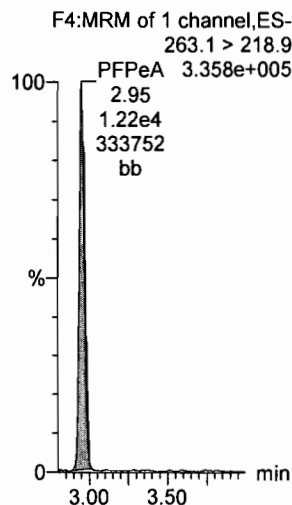
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_6, Date: 10-Aug-2017, Time: 21:15:44, ID: ST170810M2-5 PFC CS2 17H1017, Description: PFC CS2 17H1017

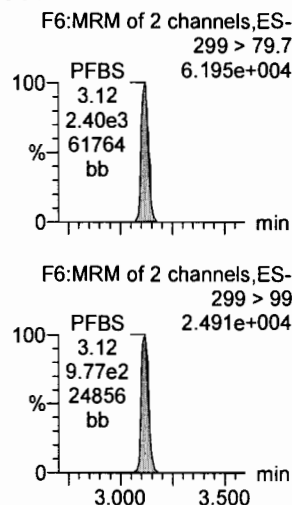
PFBA



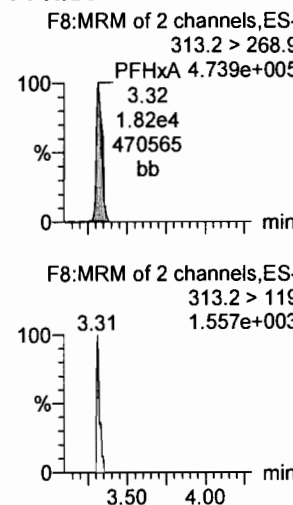
PFPeA



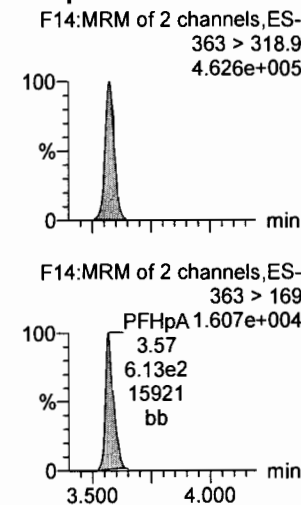
PFBS



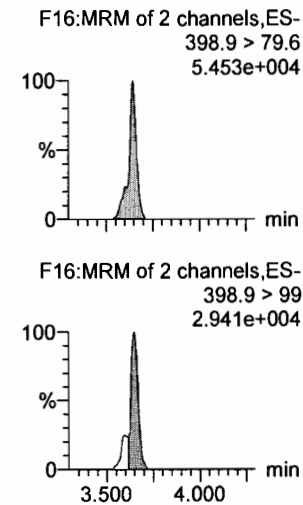
PFHxA



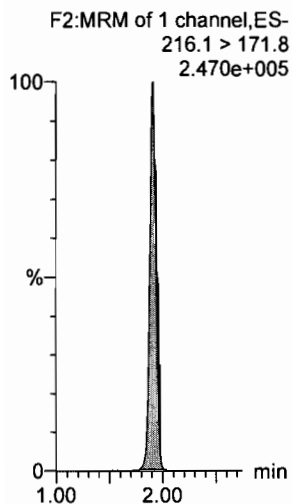
PFHpA



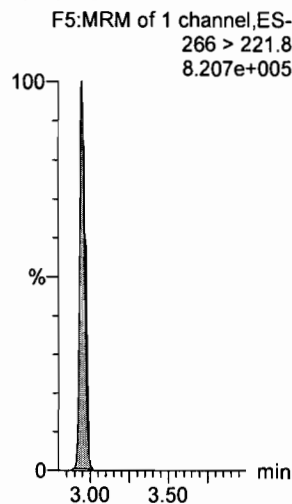
PFHxS



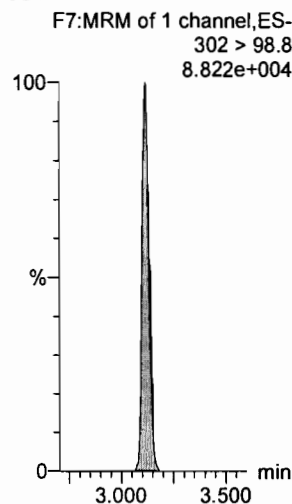
13C3-PFBA



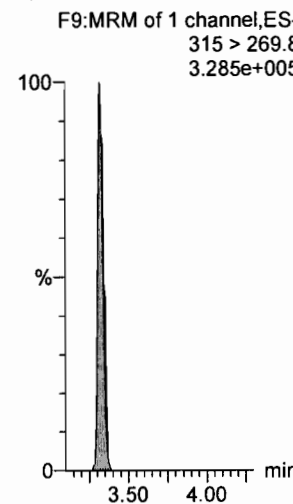
13C3-PFPeA



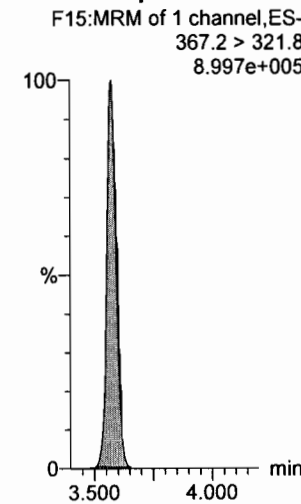
13C3-PFBS



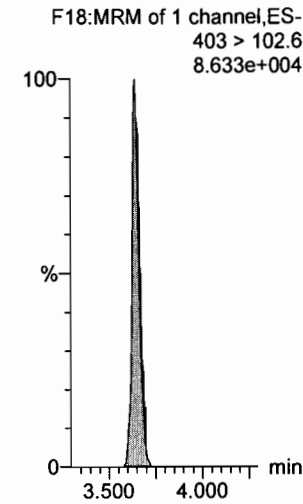
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



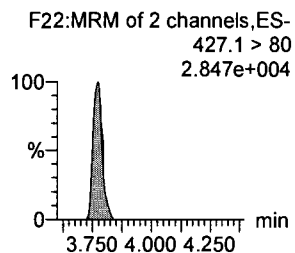
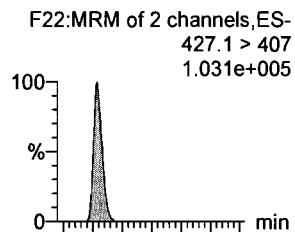
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

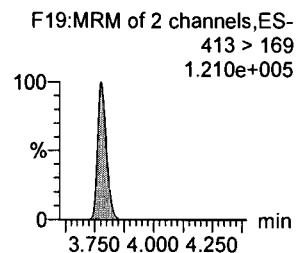
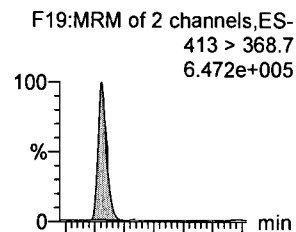
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_6, Date: 10-Aug-2017, Time: 21:15:44, ID: ST170810M2-5 PFC CS2 17H1017, Description: PFC CS2 17H1017

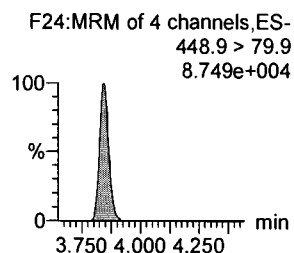
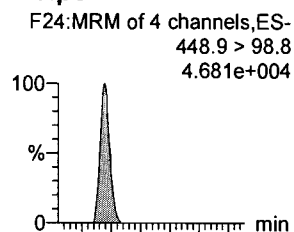
6:2 FTS



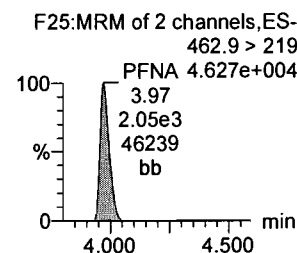
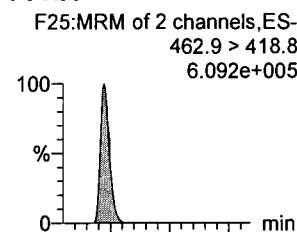
PFOA



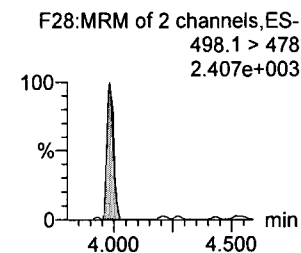
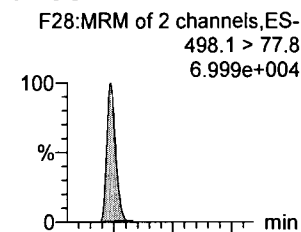
PFHpS



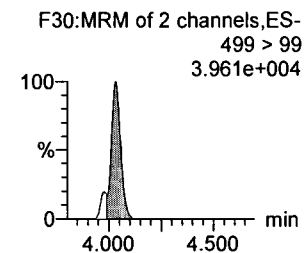
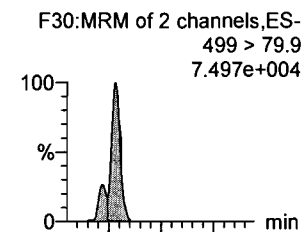
PFNA



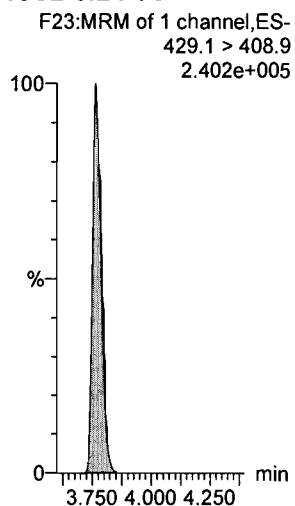
PFOSA



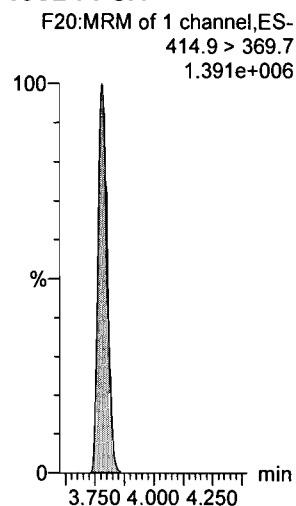
PFOS



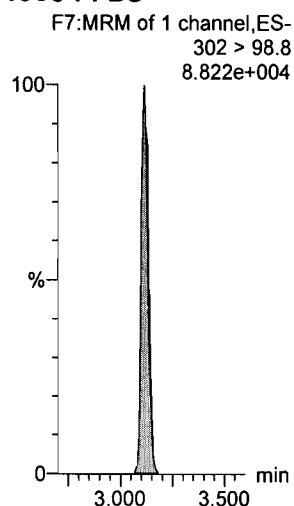
13C2-6:2 FTS



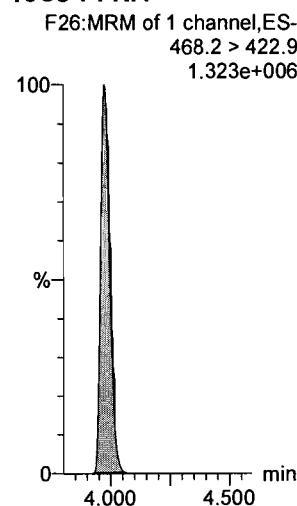
13C2-PFOA



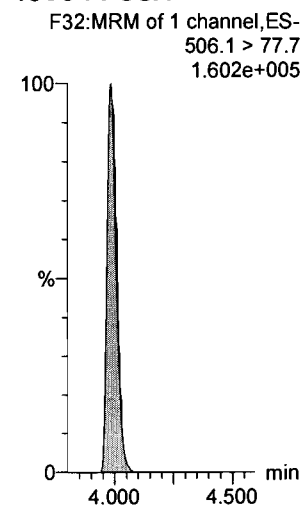
13C3-PFBS



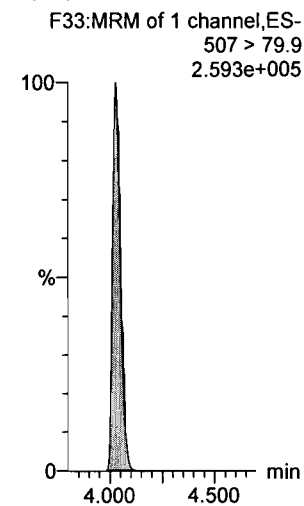
13C5-PFNA



13C8-PFOSA



13C8-PFOS



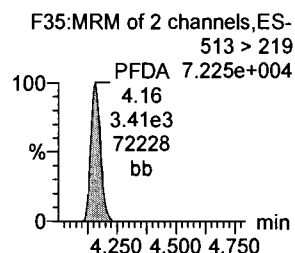
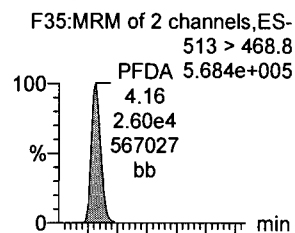
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

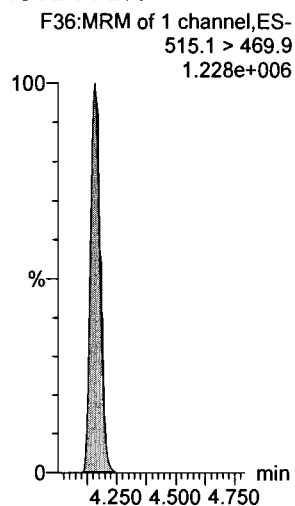
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_6, Date: 10-Aug-2017, Time: 21:15:44, ID: ST170810M2-5 PFC CS2 17H1017, Description: PFC CS2 17H1017

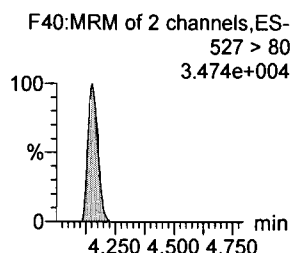
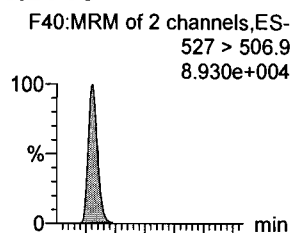
PFDA



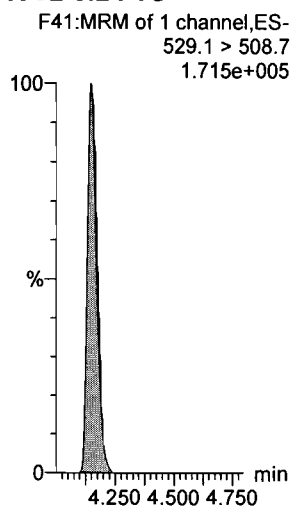
13C2-PFDA



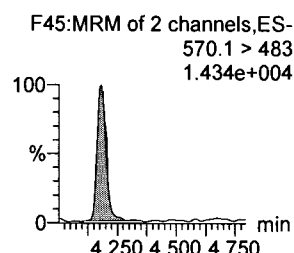
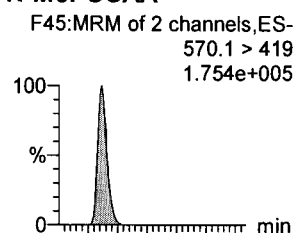
8:2 FTS



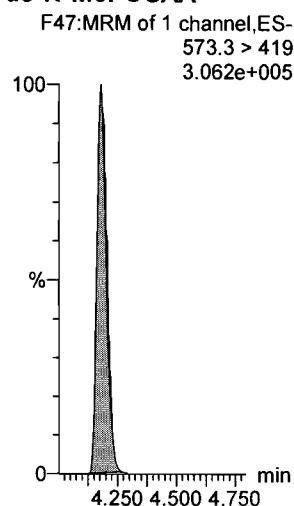
13C2-8:2 FTS



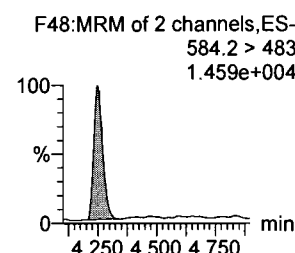
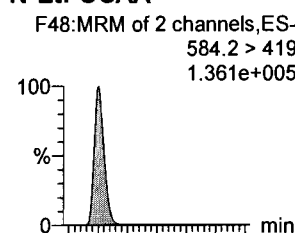
N-MeFOSAA



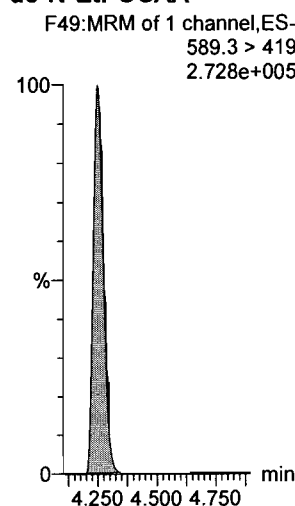
d3-N-MeFOSAA



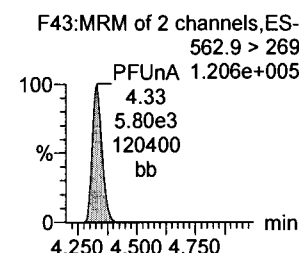
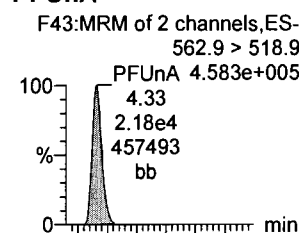
N-EtFOSAA



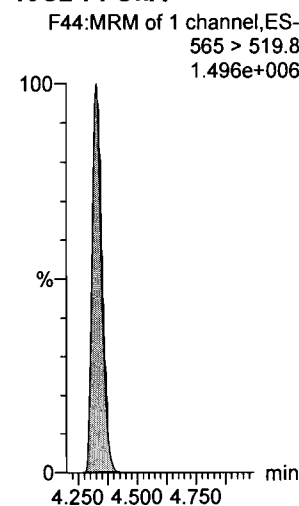
d5-N-EtFOSAA



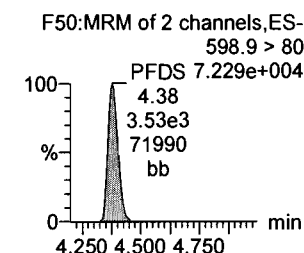
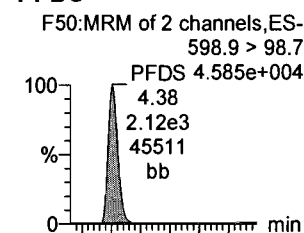
PFUnA



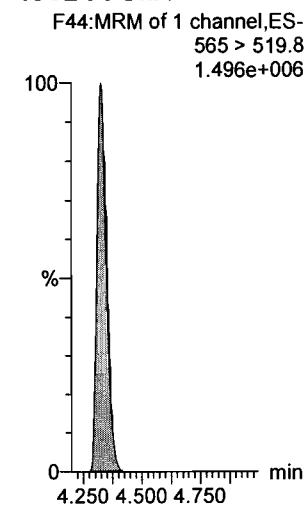
13C2-PFUnA



PFDS



13C2-PFUnA



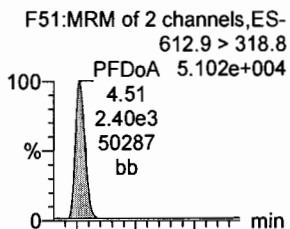
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

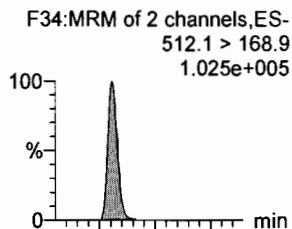
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_6, Date: 10-Aug-2017, Time: 21:15:44, ID: ST170810M2-5 PFC CS2 17H1017, Description: PFC CS2 17H1017

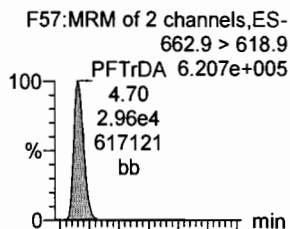
PFD_oA



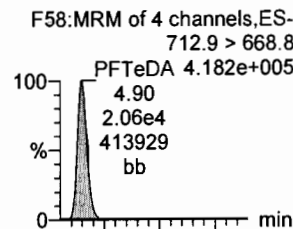
N-MeFOSA



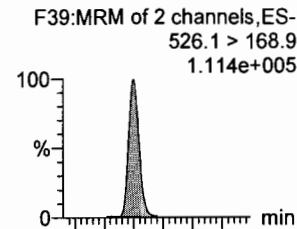
PFT_rDA



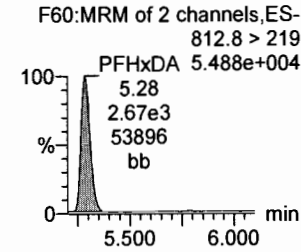
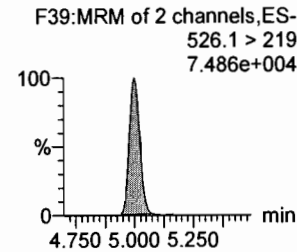
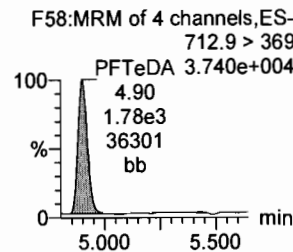
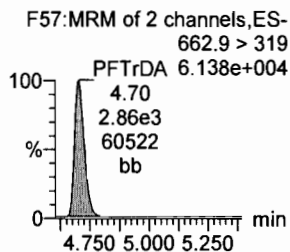
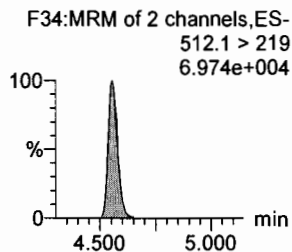
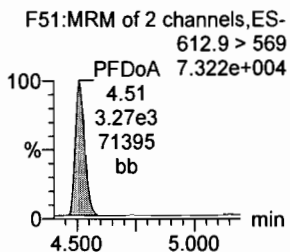
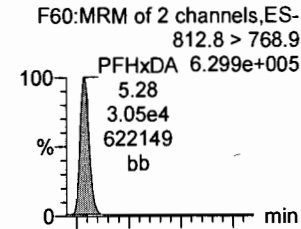
PFT_eDA



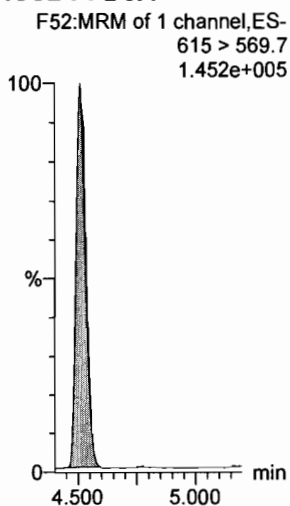
N-EtFOSA



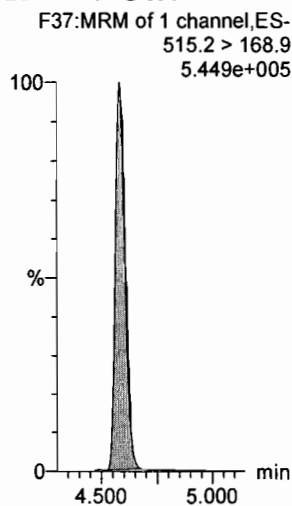
PFH_xDA



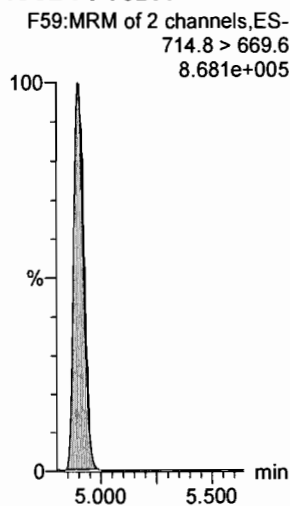
13C2-PFD_oA



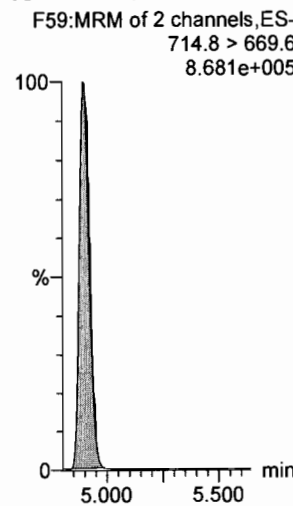
d3-N-MeFOSA



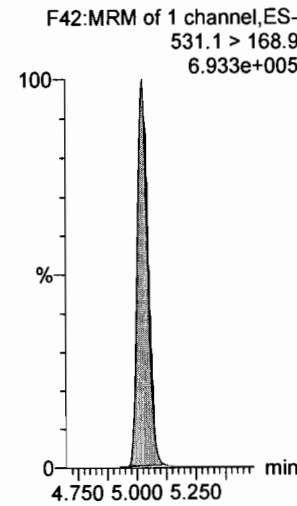
13C2-PFT_rDA



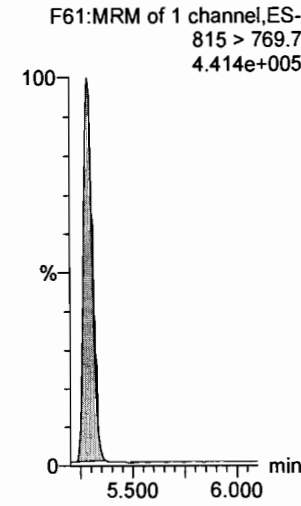
13C2-PFT_eDA



d5-N-ETFOSA



13C2-PFH_xDA

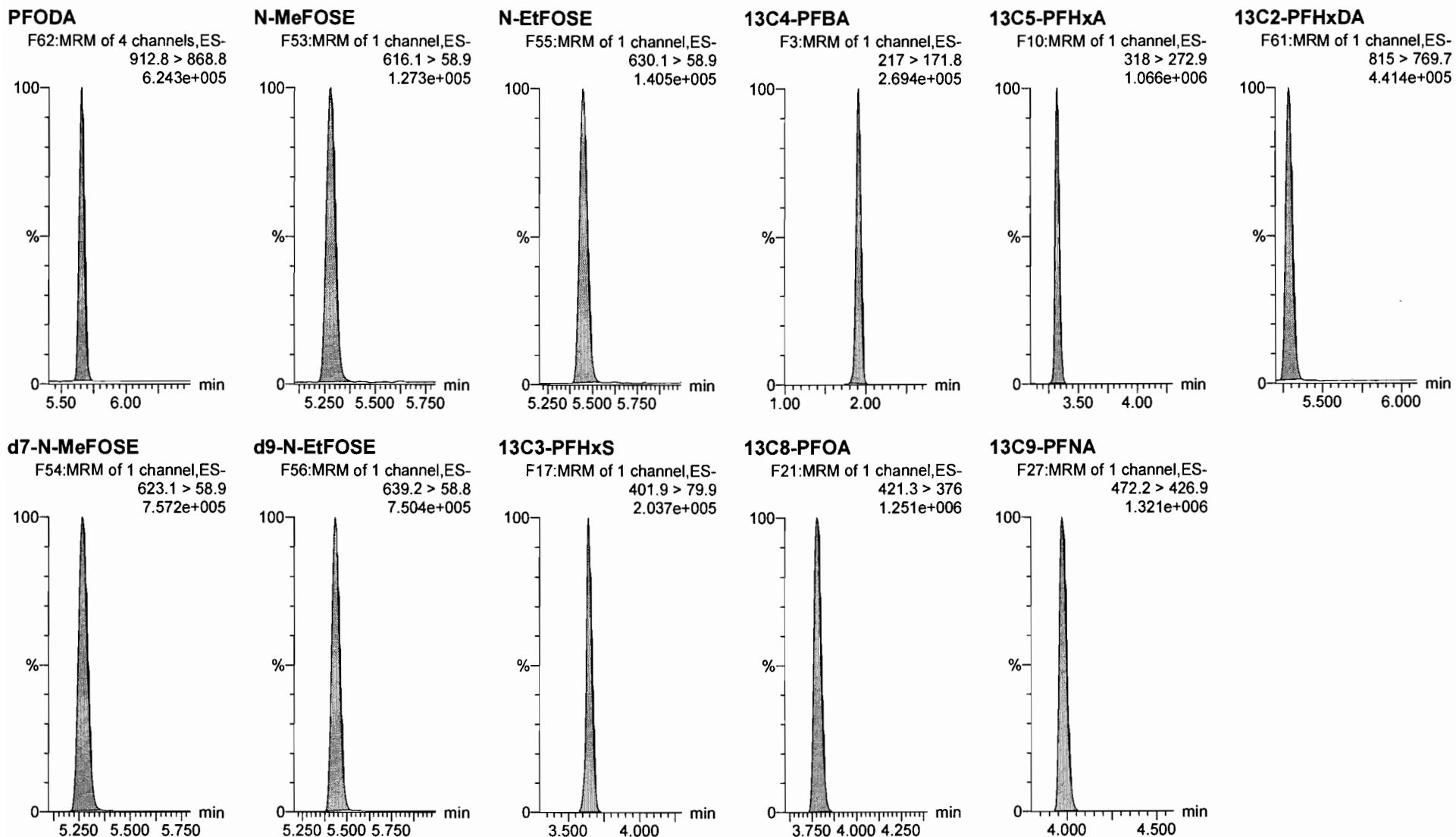


Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_6, Date: 10-Aug-2017, Time: 21:15:44, ID: ST170810M2-5 PFC CS2 17H1017, Description: PFC CS2 17H1017



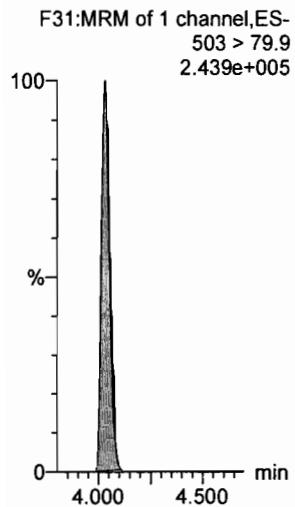
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

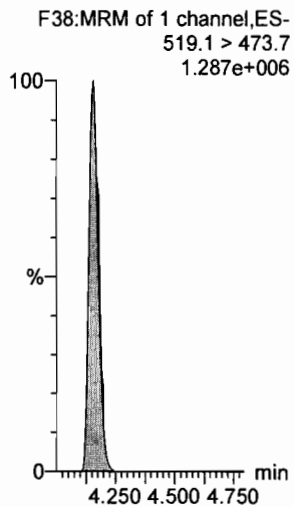
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_6, Date: 10-Aug-2017, Time: 21:15:44, ID: ST170810M2-5 PFC CS2 17H1017, Description: PFC CS2 17H1017

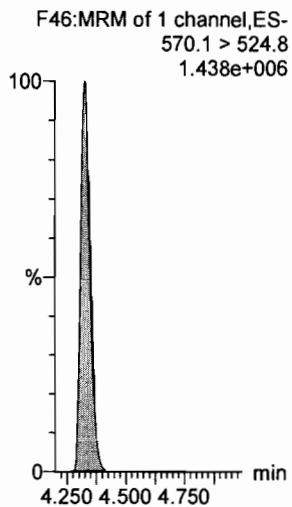
13C4-PFOS



13C6-PFDA



13C7-PFUnA



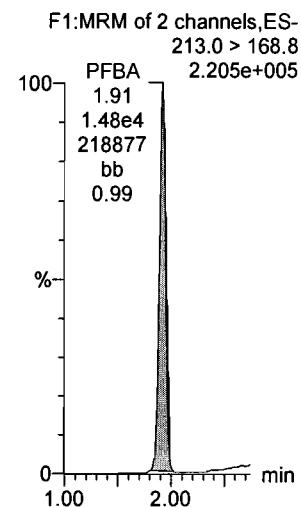
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

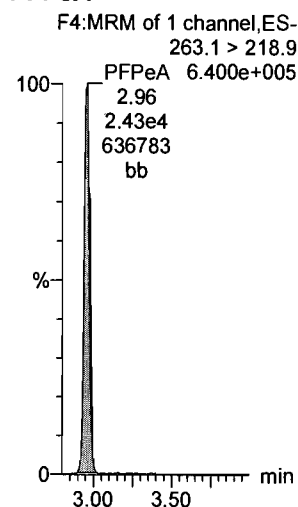
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_7, Date: 10-Aug-2017, Time: 21:26:22, ID: ST170810M2-6 PFC CS3 17H1005, Description: PFC CS3 17H1005

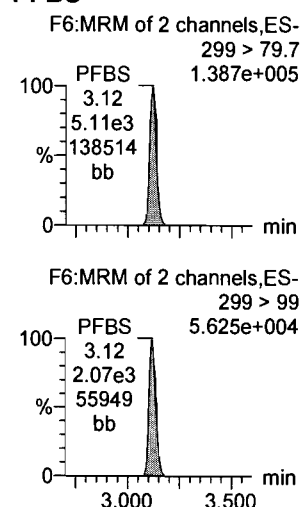
PFBA



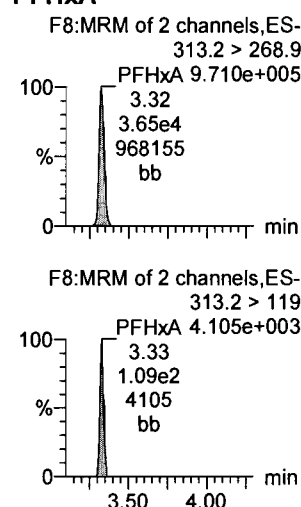
PFPeA



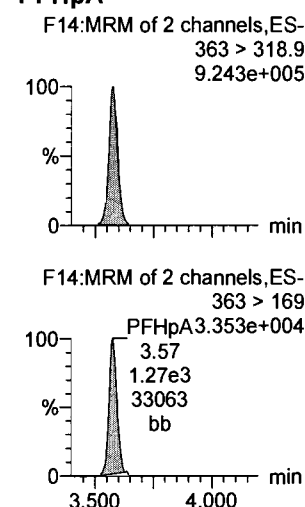
PFBS



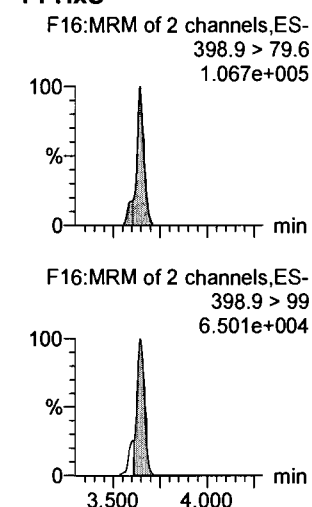
PFHxA



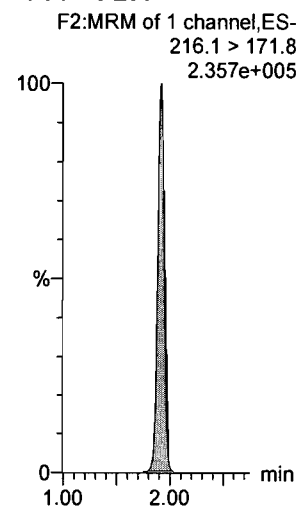
PFHpA



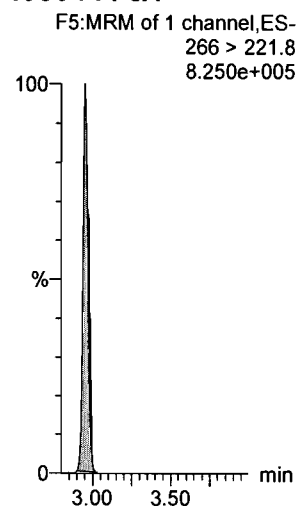
PFHxS



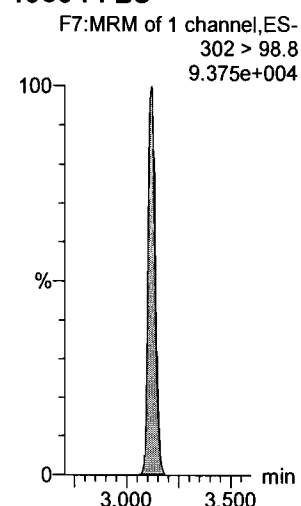
13C3-PFBA



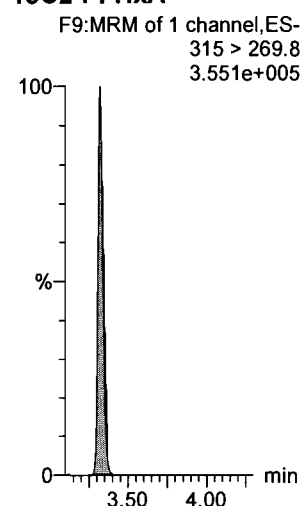
13C3-PFPeA



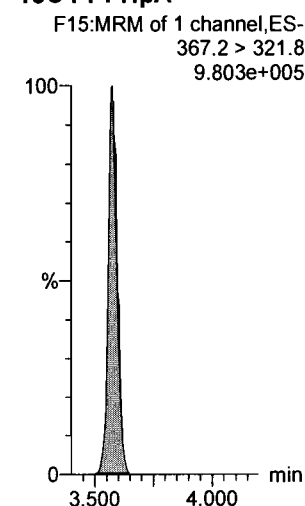
13C3-PFBS



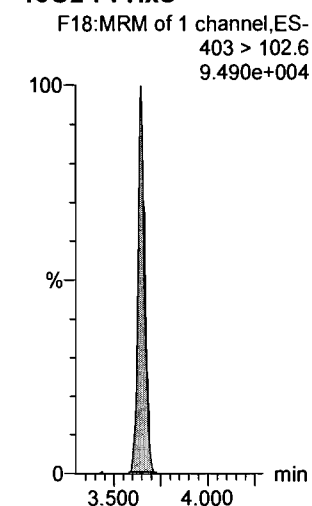
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



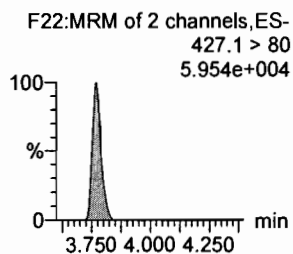
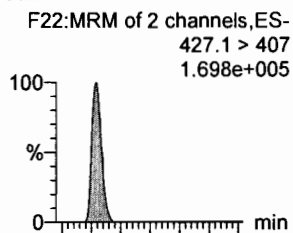
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

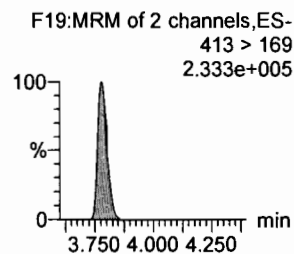
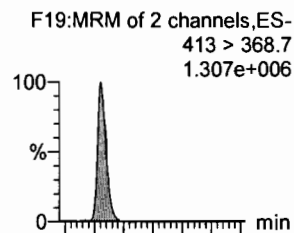
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_7, Date: 10-Aug-2017, Time: 21:26:22, ID: ST170810M2-6 PFC CS3 17H1005, Description: PFC CS3 17H1005

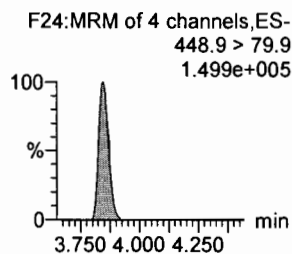
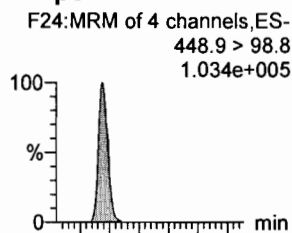
6:2 FTS



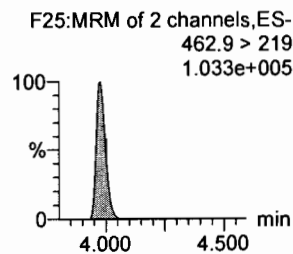
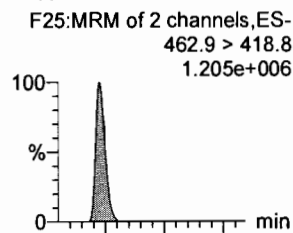
PFOA



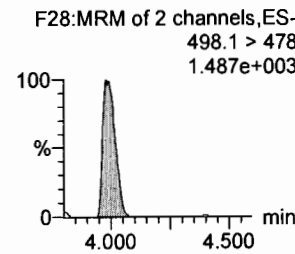
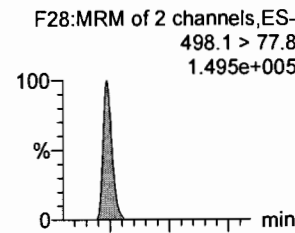
PFHpS



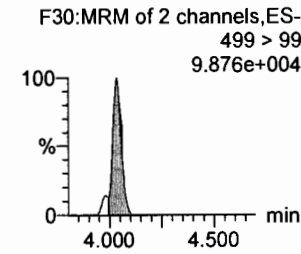
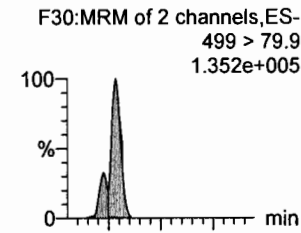
PFNA



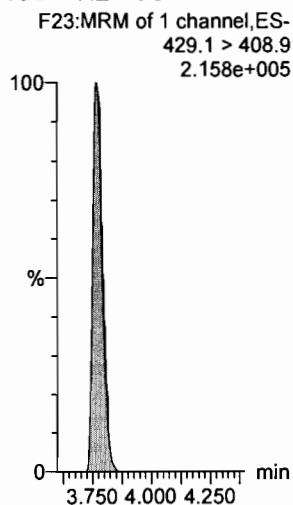
PFOSA



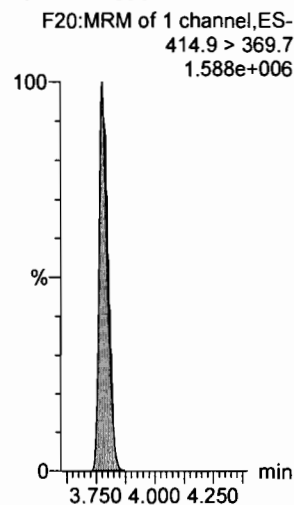
PFOS



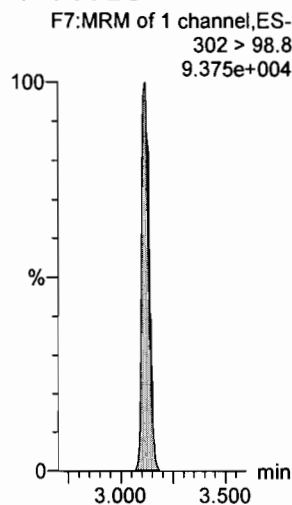
13C2-6:2 FTS



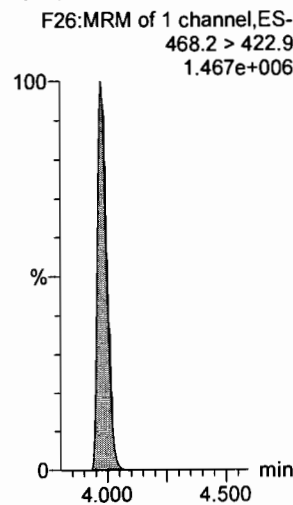
13C2-PFOA



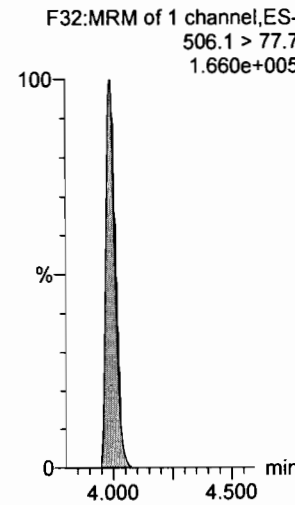
13C3-PFBS



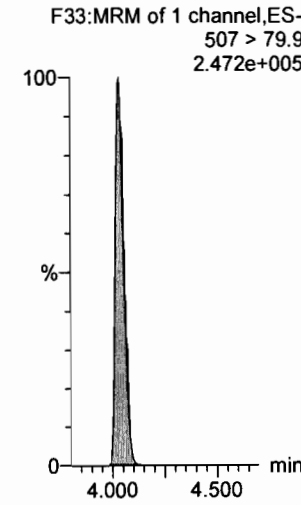
13C5-PFNA



13C8-PFOSA



13C8-PFOS



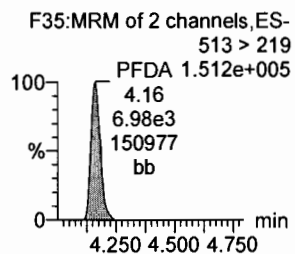
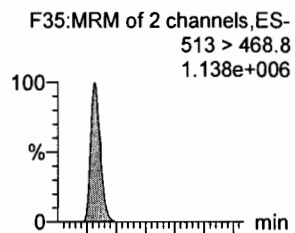
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

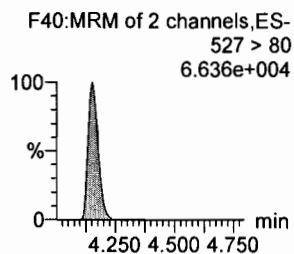
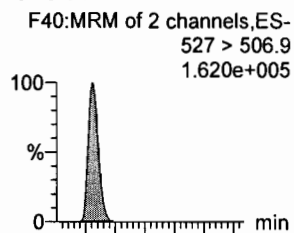
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_7, Date: 10-Aug-2017, Time: 21:26:22, ID: ST170810M2-6 PFC CS3 17H1005, Description: PFC CS3 17H1005

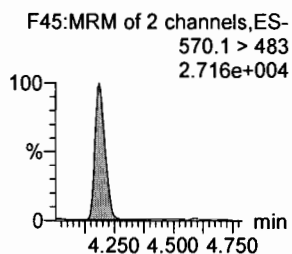
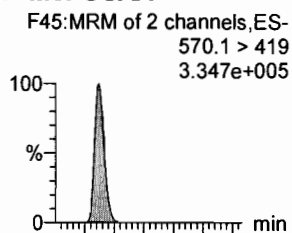
PFDA



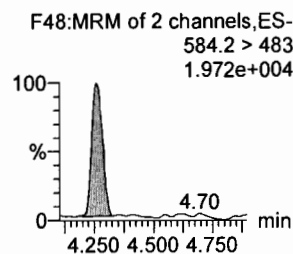
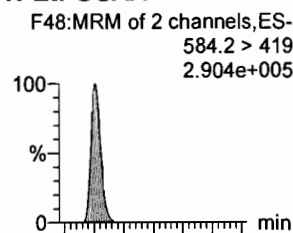
8:2 FTS



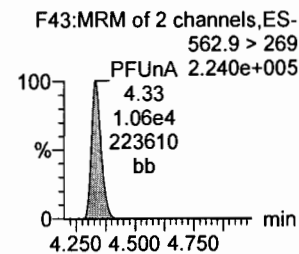
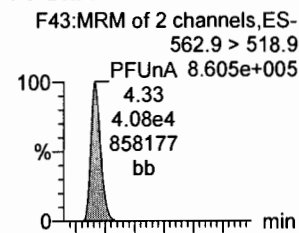
N-MeFOSAA



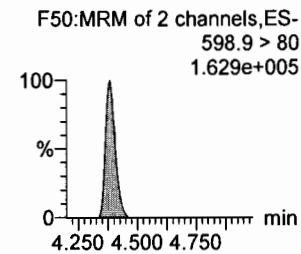
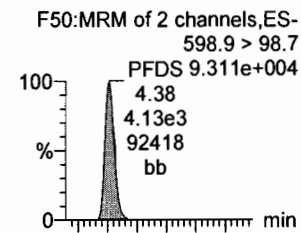
N-EtFOSAA



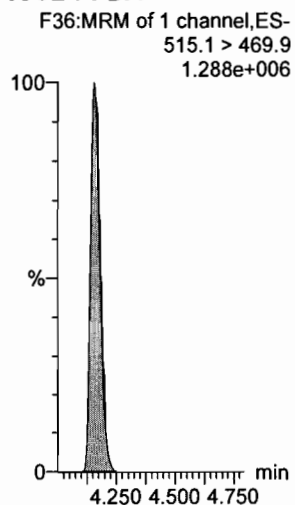
PFUnA



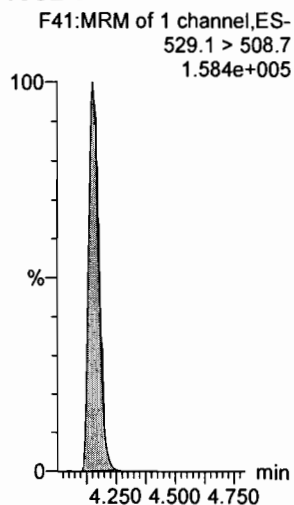
PFDS



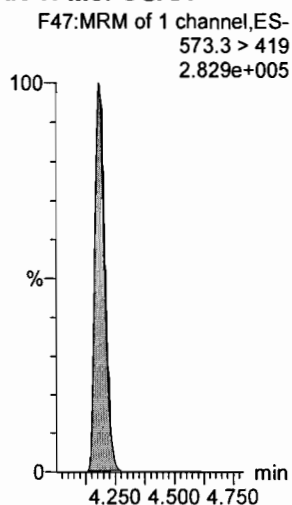
13C2-PFDA



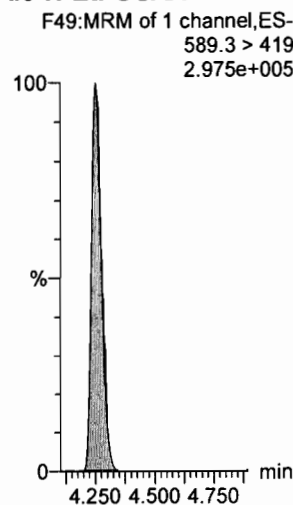
13C2-8:2 FTS



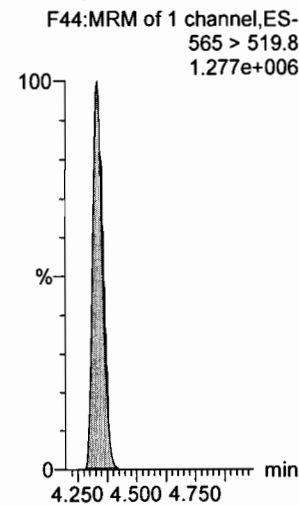
d3-N-MeFOSAA



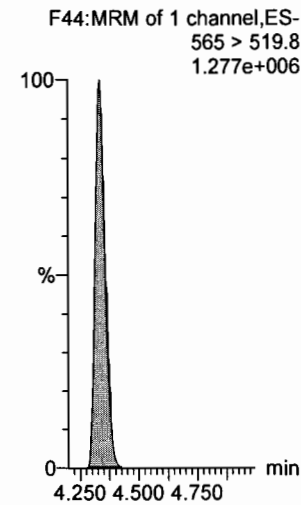
d5-N-EtFOSAA



13C2-PFUnA



13C2-PFUnA



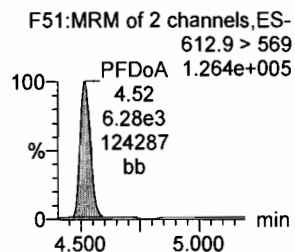
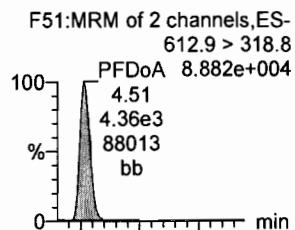
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

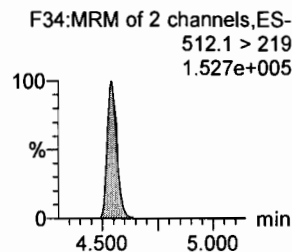
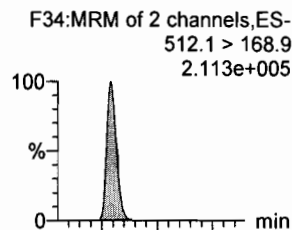
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_7, Date: 10-Aug-2017, Time: 21:26:22, ID: ST170810M2-6 PFC CS3 17H1005, Description: PFC CS3 17H1005

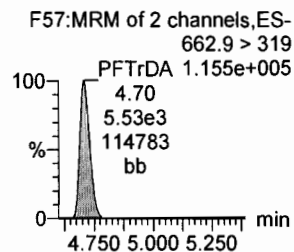
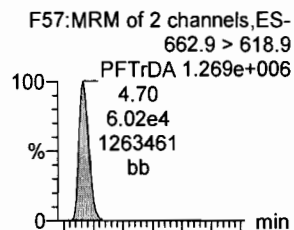
PFDaA



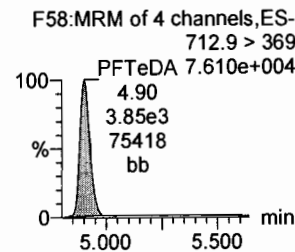
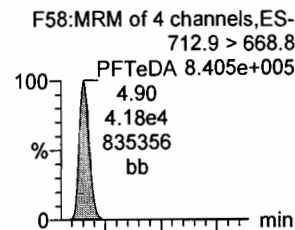
N-MeFOSA



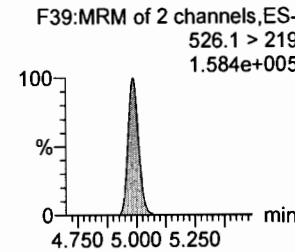
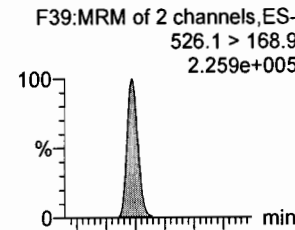
PFTTrDA



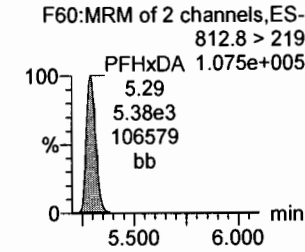
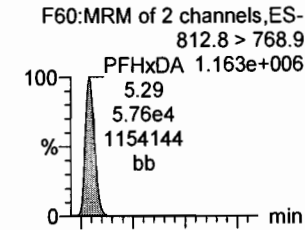
PFTeDA



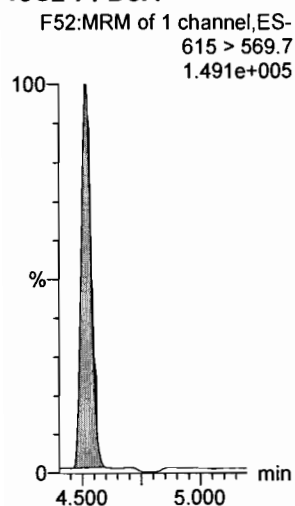
N-EtFOSA



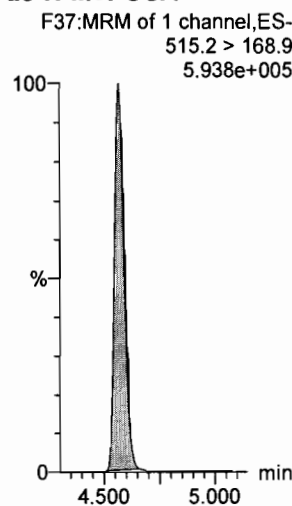
PFHxDA



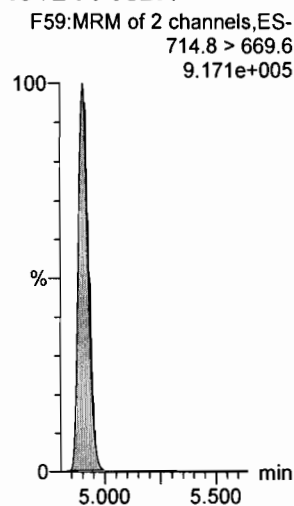
13C2-PFDaA



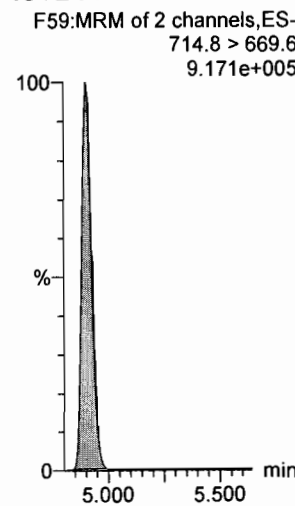
d3-N-MeFOSA



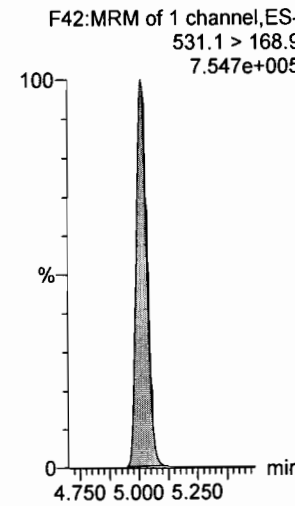
13C2-PFTeDA



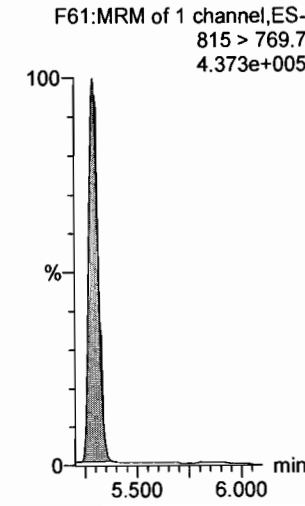
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

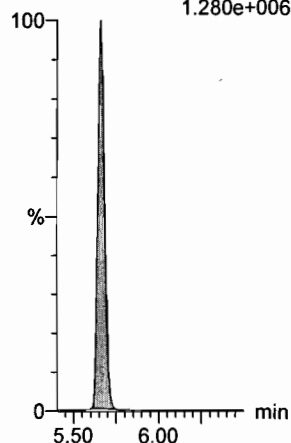
Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_7, Date: 10-Aug-2017, Time: 21:26:22, ID: ST170810M2-6 PFC CS3 17H1005, Description: PFC CS3 17H1005

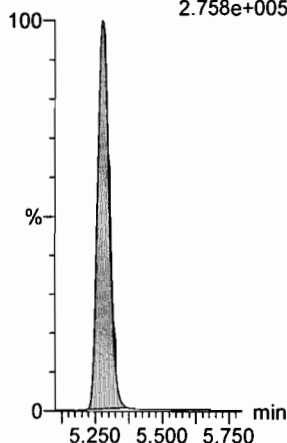
PFODA

F62:MRM of 4 channels,ES-
912.8 > 868.8
1.280e+006



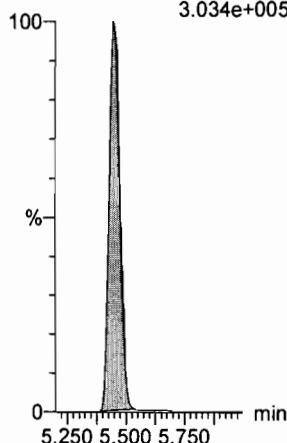
N-MeFOSE

F53:MRM of 1 channel,ES-
616.1 > 58.9
2.758e+005



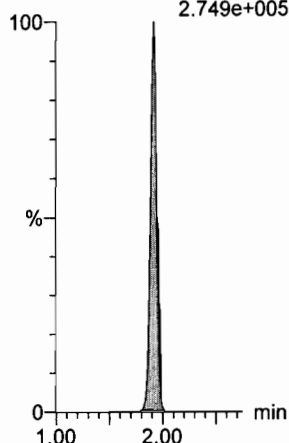
N-EtFOSE

F55:MRM of 1 channel,ES-
630.1 > 58.9
3.034e+005



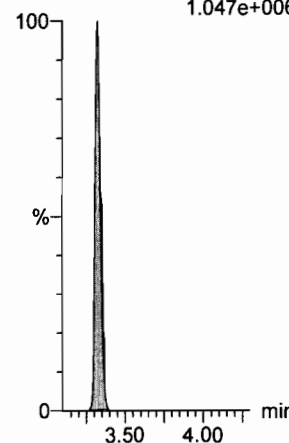
13C4-PFBA

F3:MRM of 1 channel,ES-
217 > 171.8
2.749e+005



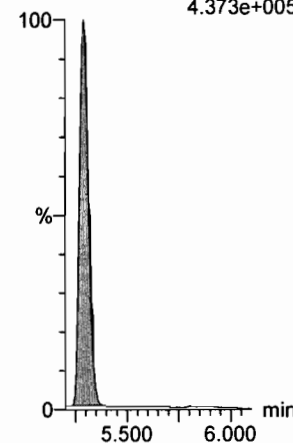
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
1.047e+006



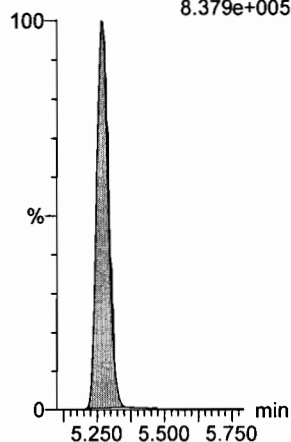
13C2-PFHxDA

F61:MRM of 1 channel,ES-
815 > 769.7
4.373e+005



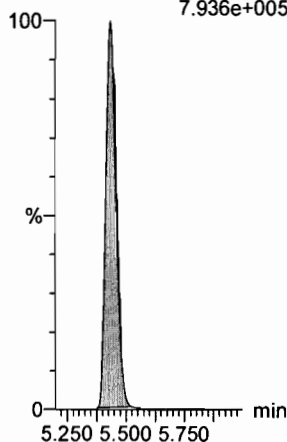
d7-N-MeFOSE

F54:MRM of 1 channel,ES-
623.1 > 58.9
8.379e+005



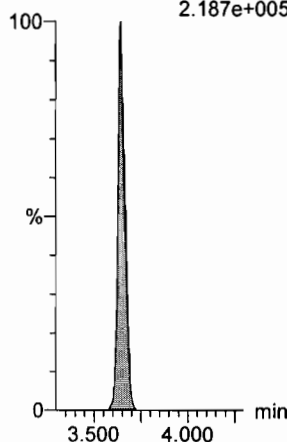
d9-N-EtFOSE

F56:MRM of 1 channel,ES-
639.2 > 58.8
7.936e+005



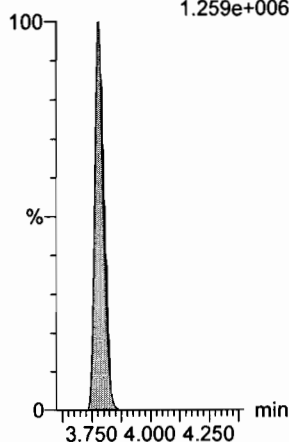
13C3-PFHxS

F17:MRM of 1 channel,ES-
401.9 > 79.9
2.187e+005



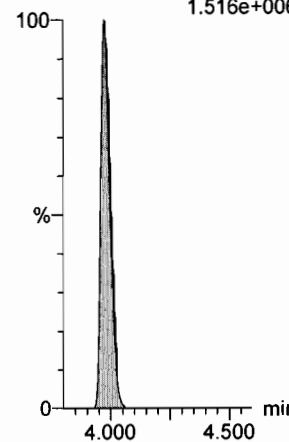
13C8-PFOA

F21:MRM of 1 channel,ES-
421.3 > 376
1.259e+006



13C9-PFNA

F27:MRM of 1 channel,ES-
472.2 > 426.9
1.516e+006



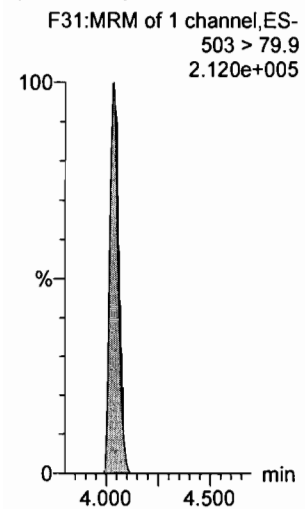
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

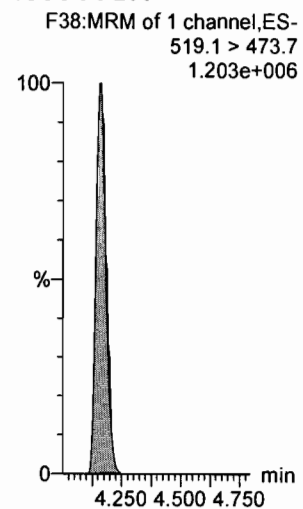
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_7, Date: 10-Aug-2017, Time: 21:26:22, ID: ST170810M2-6 PFC CS3 17H1005, Description: PFC CS3 17H1005

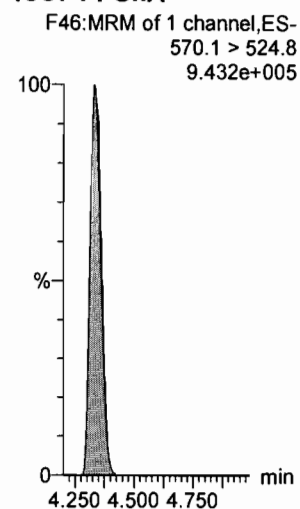
13C4-PFOS



13C6-PFDA



13C7-PFUnA



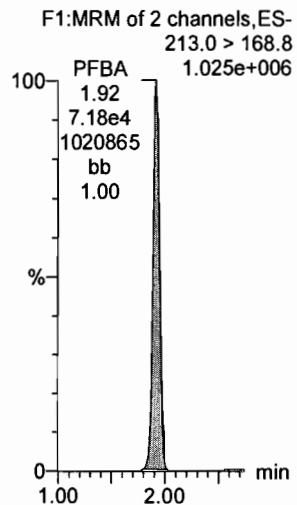
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

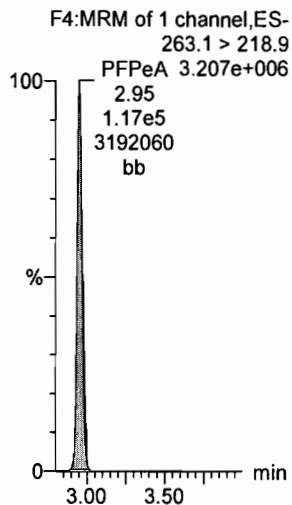
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_8, Date: 10-Aug-2017, Time: 21:37:09, ID: ST170810M2-7 PFC CS4 17H1018, Description: PFC CS4 17H1018

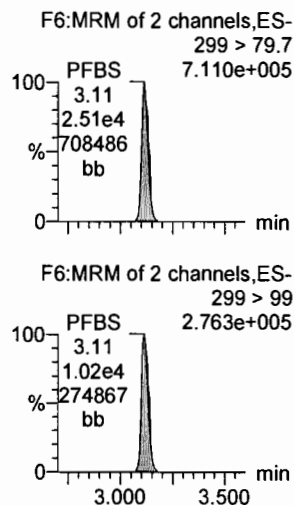
PFBA



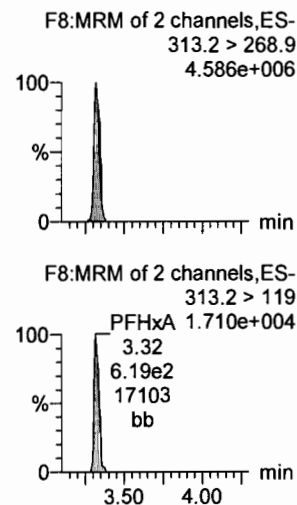
PFPeA



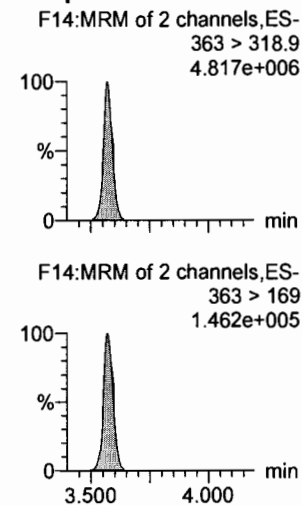
PFBS



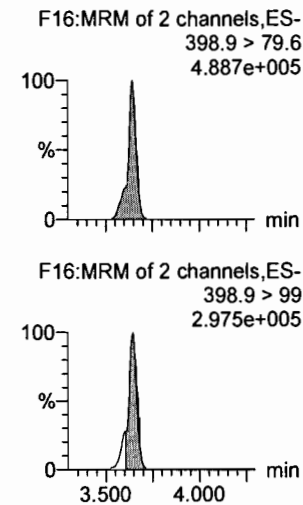
PFHxA



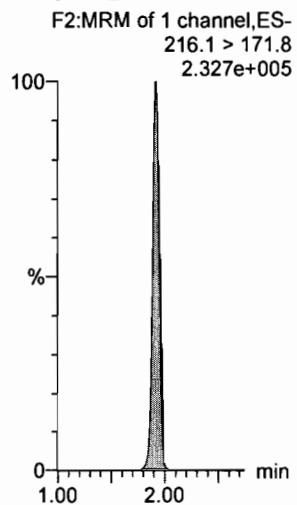
PFHpA



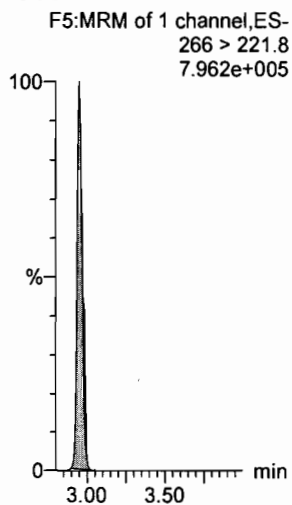
PFHxS



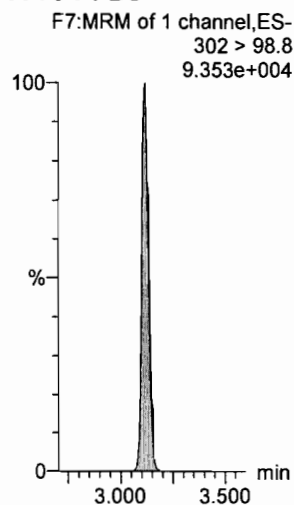
13C3-PFBA



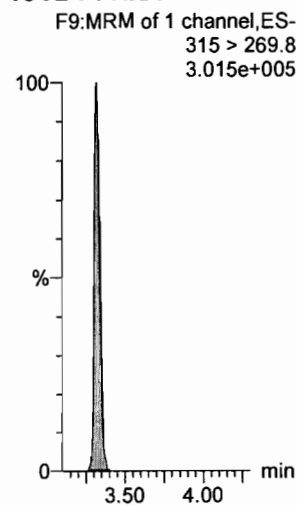
13C3-PFPeA



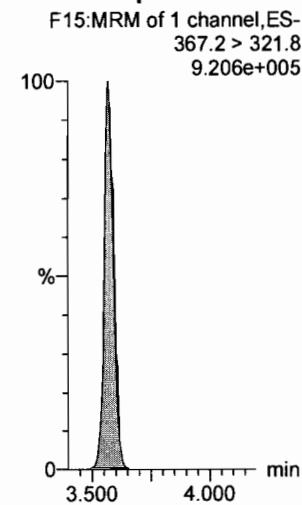
13C3-PFBS



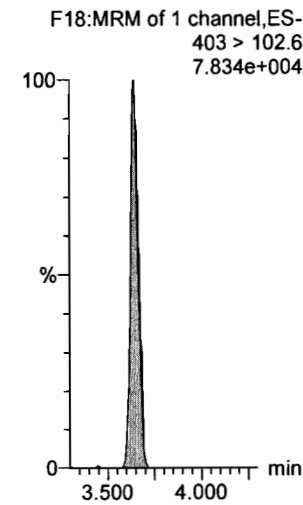
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

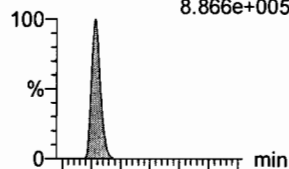
Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

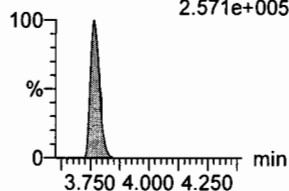
Name: 170810M2_8, Date: 10-Aug-2017, Time: 21:37:09, ID: ST170810M2-7 PFC CS4 17H1018, Description: PFC CS4 17H1018

6:2 FTS

F22:MRM of 2 channels,ES-
427.1 > 407
8.866e+005

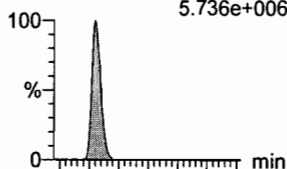


F22:MRM of 2 channels,ES-
427.1 > 80
2.571e+005

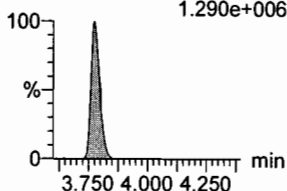


PFOA

F19:MRM of 2 channels,ES-
413 > 368.7
5.736e+006

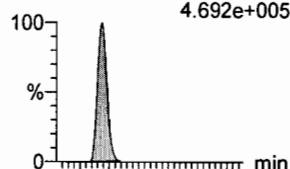


F19:MRM of 2 channels,ES-
413 > 169
1.290e+006

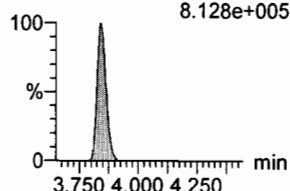


PFHpS

F24:MRM of 4 channels,ES-
448.9 > 98.8
4.692e+005

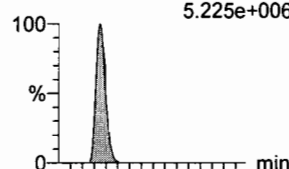


F24:MRM of 4 channels,ES-
448.9 > 79.9
8.128e+005

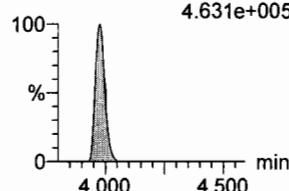


PFNA

F25:MRM of 2 channels,ES-
462.9 > 418.8
5.225e+006

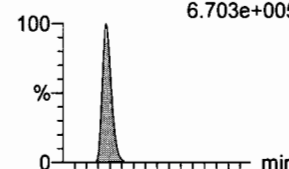


F25:MRM of 2 channels,ES-
462.9 > 219
4.631e+005

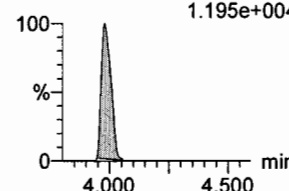


PFOSA

F28:MRM of 2 channels,ES-
498.1 > 77.8
6.703e+005

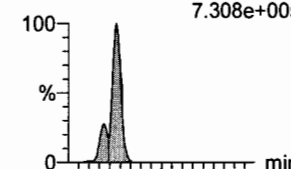


F28:MRM of 2 channels,ES-
498.1 > 478
1.195e+004

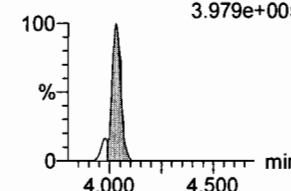


PFOS

F30:MRM of 2 channels,ES-
499 > 79.9
7.308e+005

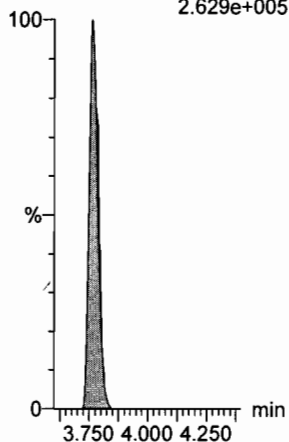


F30:MRM of 2 channels,ES-
499 > 99
3.979e+005



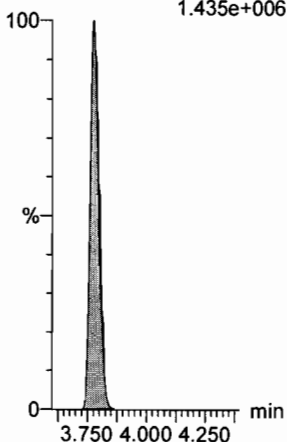
13C2-6:2 FTS

F23:MRM of 1 channel,ES-
429.1 > 408.9
2.629e+005



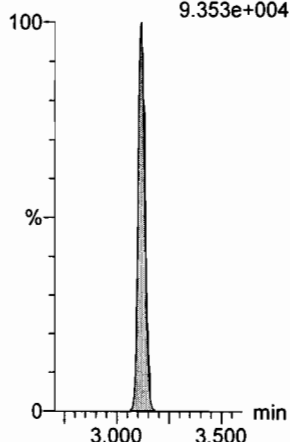
13C2-PFOA

F20:MRM of 1 channel,ES-
414.9 > 369.7
1.435e+006



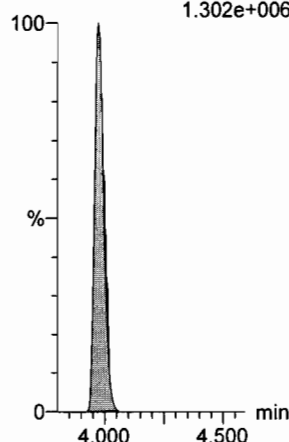
13C3-PFBS

F7:MRM of 1 channel,ES-
302 > 98.8
9.353e+004



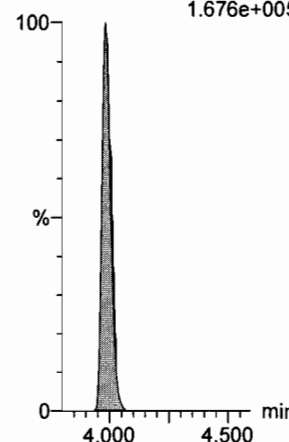
13C5-PFNA

F26:MRM of 1 channel,ES-
468.2 > 422.9
1.302e+006



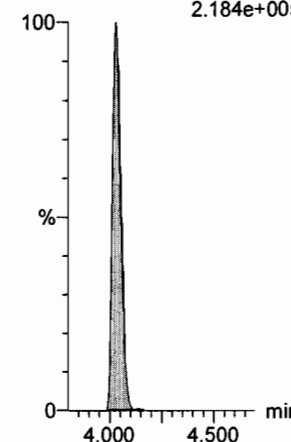
13C8-PFOSA

F32:MRM of 1 channel,ES-
506.1 > 77.7
1.676e+005



13C8-PFOS

F33:MRM of 1 channel,ES-
507 > 79.9
2.184e+005



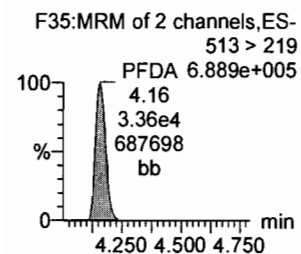
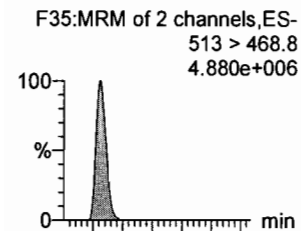
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

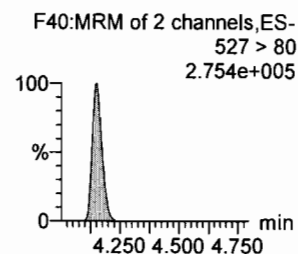
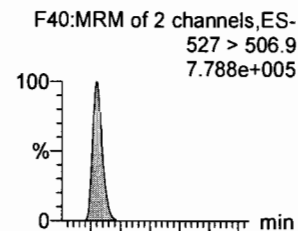
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_8, Date: 10-Aug-2017, Time: 21:37:09, ID: ST170810M2-7 PFC CS4 17H1018, Description: PFC CS4 17H1018

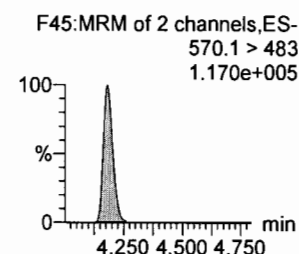
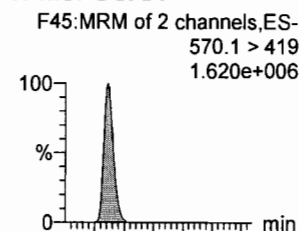
PFDA



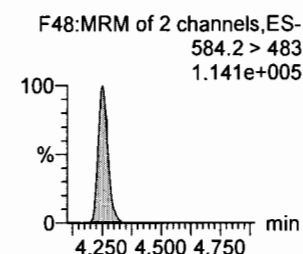
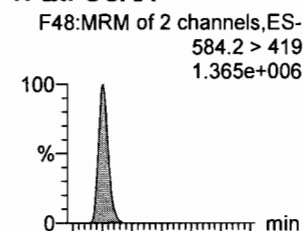
8:2 FTS



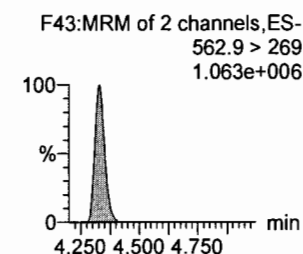
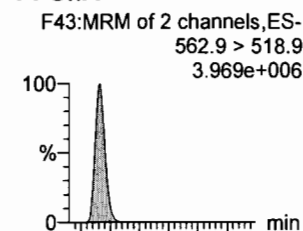
N-MeFOSAA



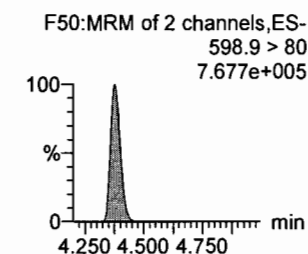
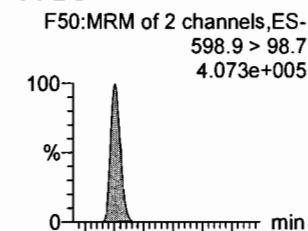
N-EtFOSAA



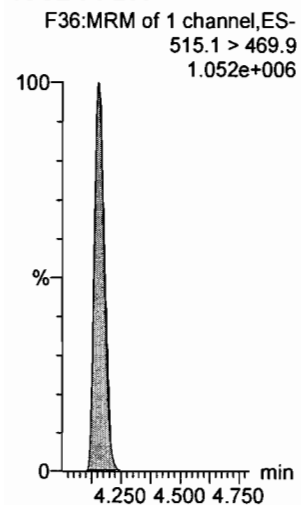
PFUnA



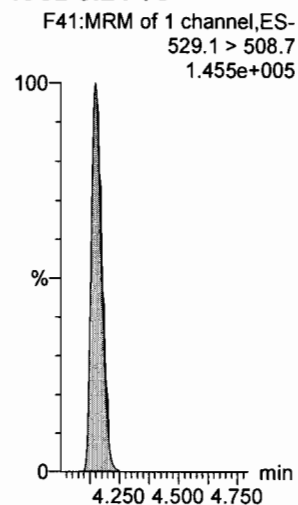
PFDS



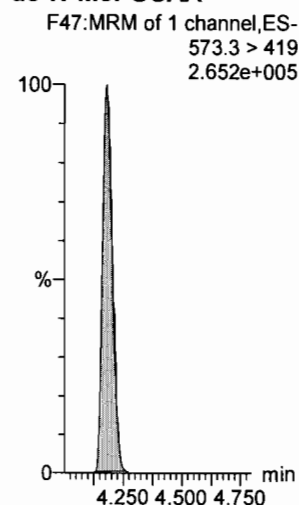
13C2-PFDA



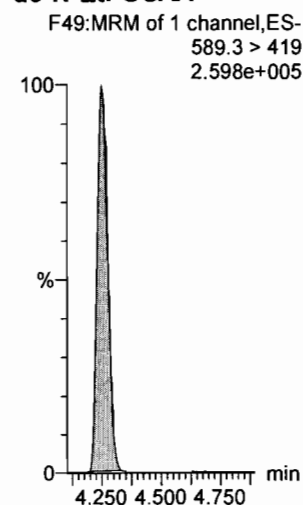
13C2-8:2 FTS



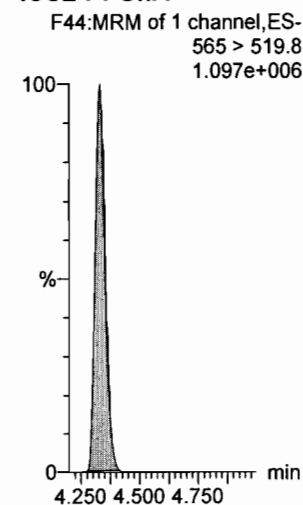
d3-N-MeFOSAA



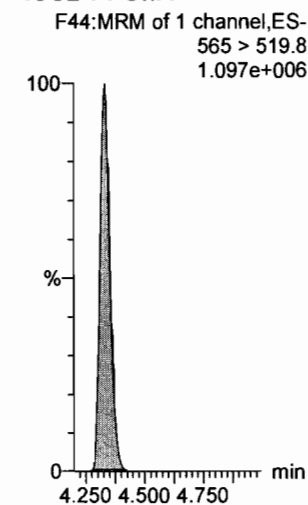
d5-N-EtFOSAA



13C2-PFUnA



13C2-PFUnA



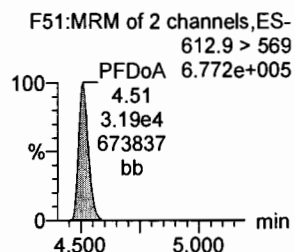
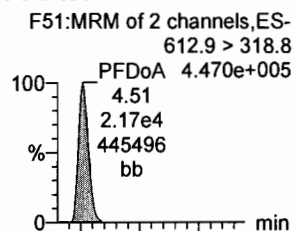
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

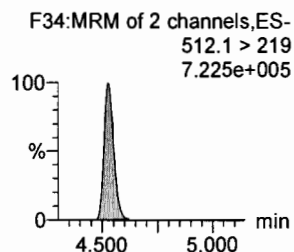
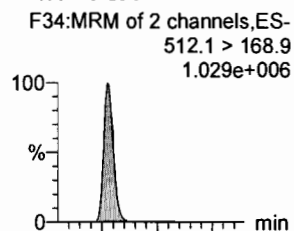
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_8, Date: 10-Aug-2017, Time: 21:37:09, ID: ST170810M2-7 PFC CS4 17H1018, Description: PFC CS4 17H1018

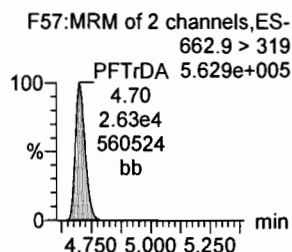
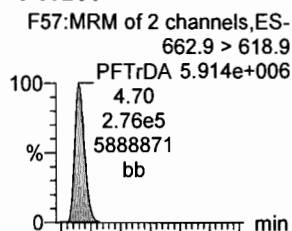
PFDaA



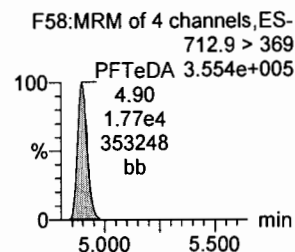
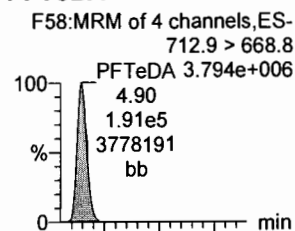
N-MeFOSA



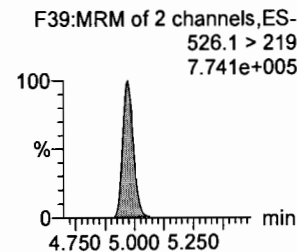
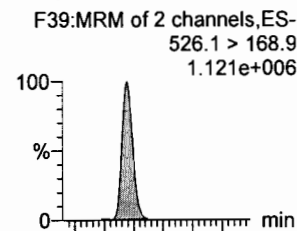
PFTTrDA



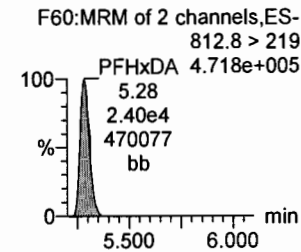
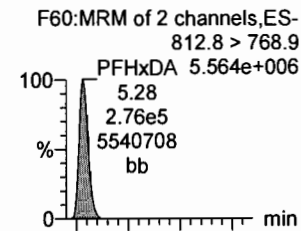
PFTeDA



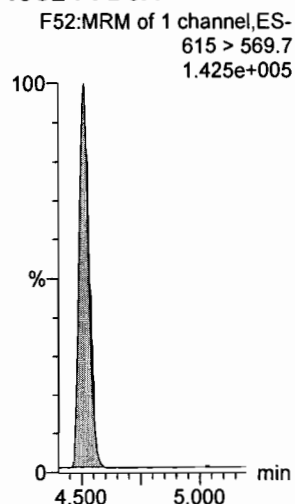
N-EtFOSA



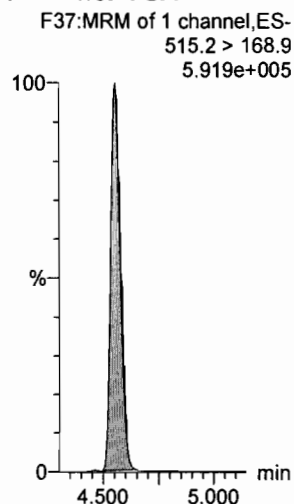
PFHxDA



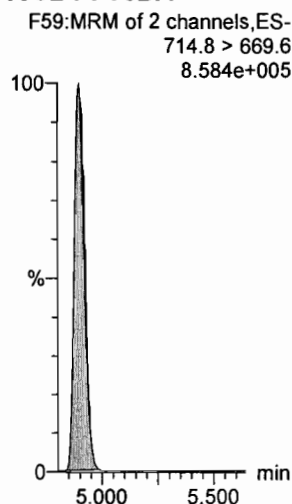
13C2-PFDaA



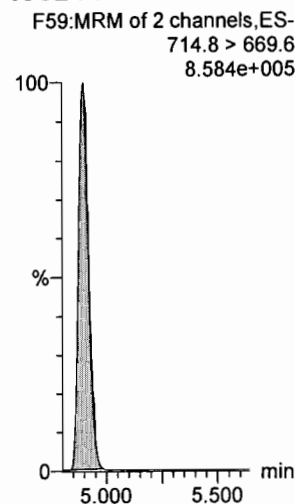
d3-N-MeFOSA



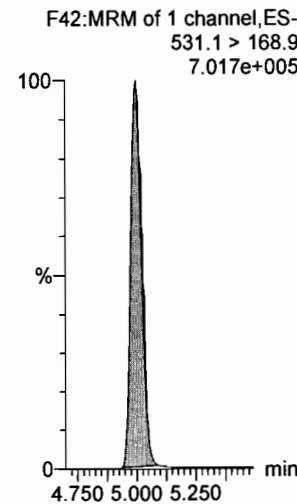
13C2-PFTeDA



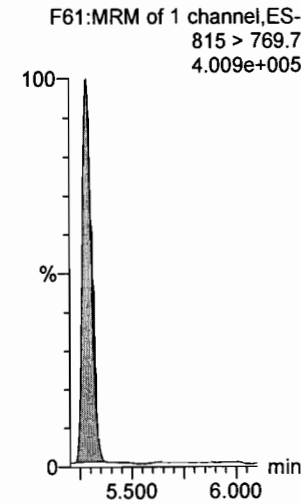
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

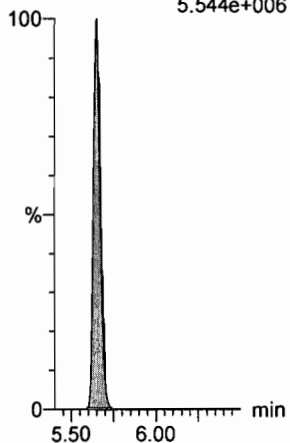
Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_8, Date: 10-Aug-2017, Time: 21:37:09, ID: ST170810M2-7 PFC CS4 17H1018, Description: PFC CS4 17H1018

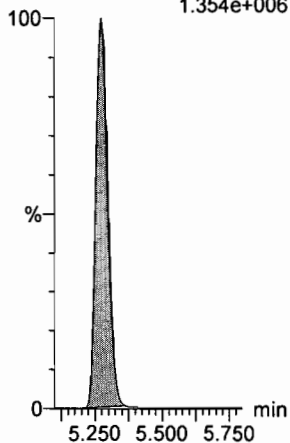
PFODA

F62:MRM of 4 channels,ES-
912.8 > 868.8
5.544e+006



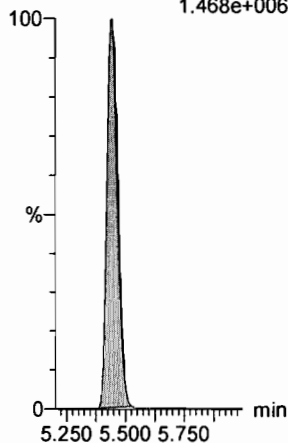
N-MeFOSE

F53:MRM of 1 channel,ES-
616.1 > 58.9
1.354e+006



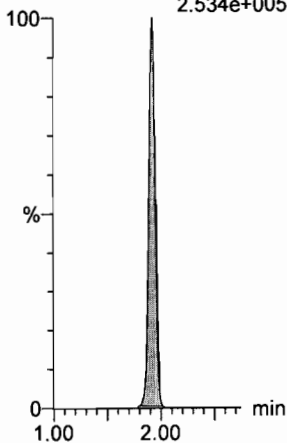
N-EtFOSE

F55:MRM of 1 channel,ES-
630.1 > 58.9
1.468e+006



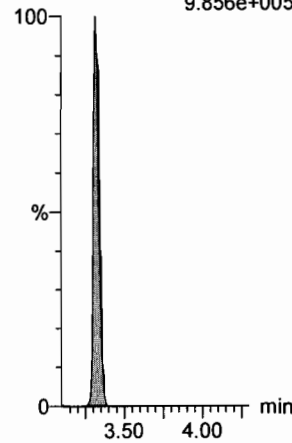
13C4-PFBA

F3:MRM of 1 channel,ES-
217 > 171.8
2.534e+005



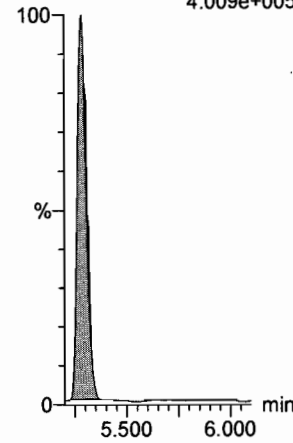
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
9.856e+005



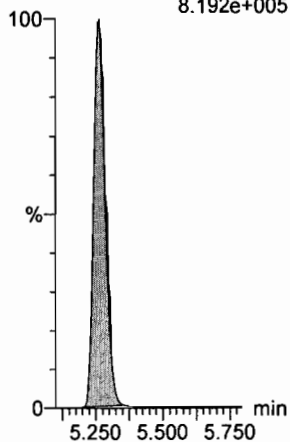
13C2-PFHxDA

F61:MRM of 1 channel,ES-
815 > 769.7
4.009e+005



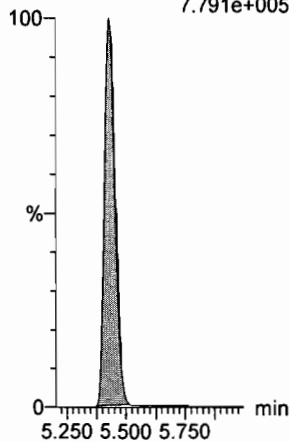
d7-N-MeFOSE

F54:MRM of 1 channel,ES-
623.1 > 58.9
8.192e+005



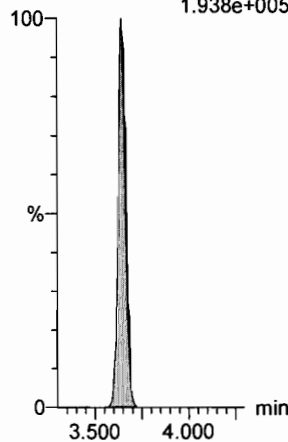
d9-N-EtFOSE

F56:MRM of 1 channel,ES-
639.2 > 58.8
7.791e+005



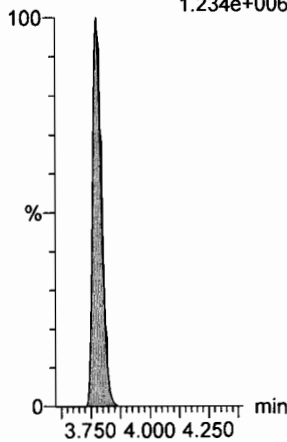
13C3-PFHxS

F17:MRM of 1 channel,ES-
401.9 > 79.9
1.938e+005



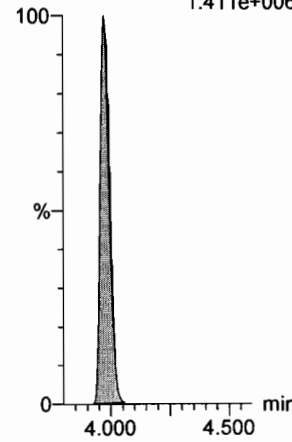
13C8-PFOA

F21:MRM of 1 channel,ES-
421.3 > 376
1.234e+006



13C9-PFNA

F27:MRM of 1 channel,ES-
472.2 > 426.9
1.411e+006



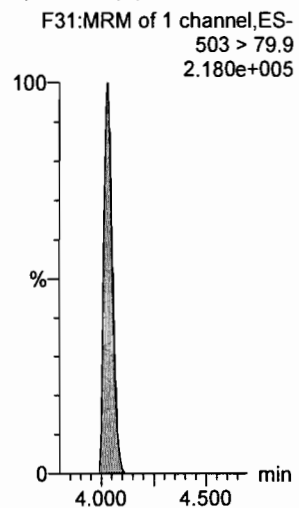
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

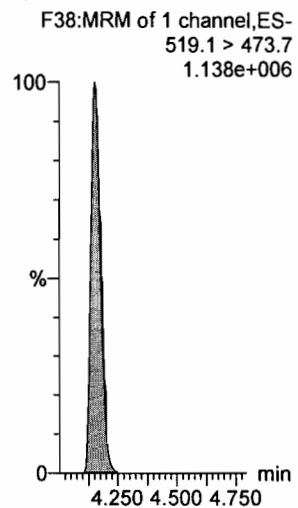
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_8, Date: 10-Aug-2017, Time: 21:37:09, ID: ST170810M2-7 PFC CS4 17H1018, Description: PFC CS4 17H1018

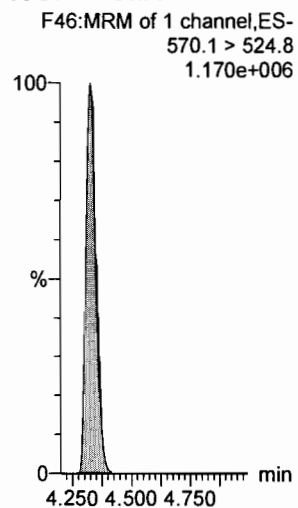
13C4-PFOS



13C6-PFDA



13C7-PFUnA



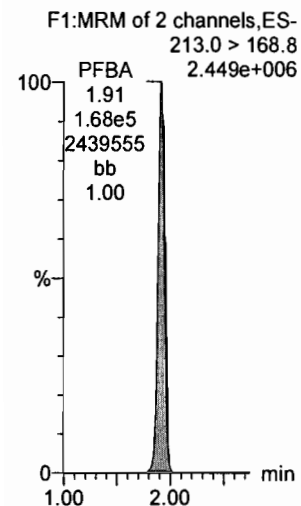
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

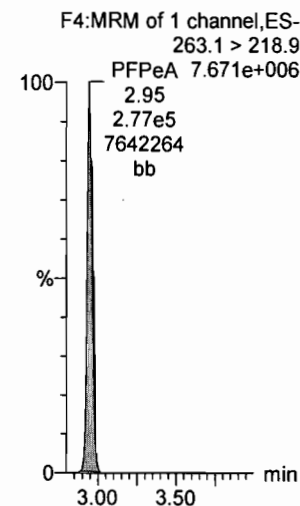
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_9, Date: 10-Aug-2017, Time: 21:47:47, ID: ST170810M2-8 PFC CS5 17H1019, Description: PFC CS5 17H1019

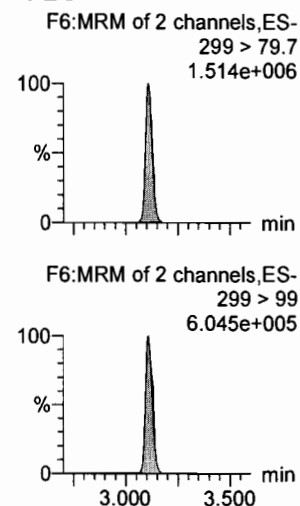
PFBA



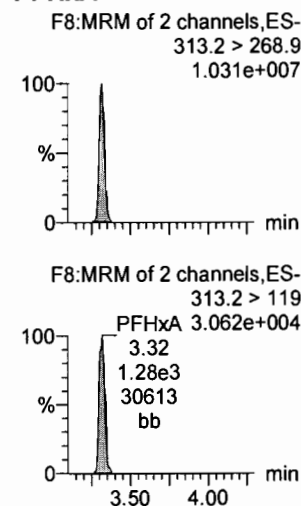
PFPeA



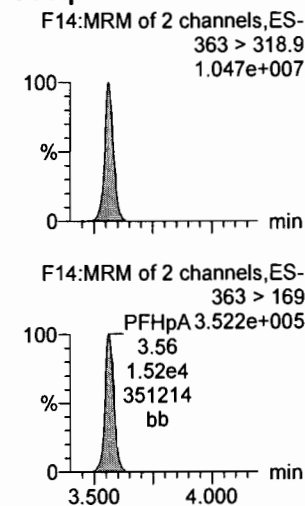
PFBS



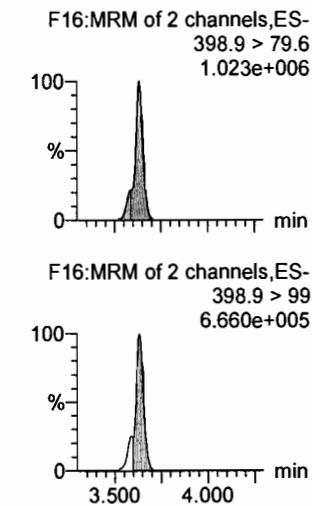
PFHxA



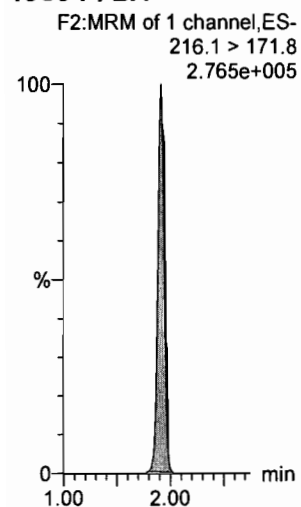
PFHpA



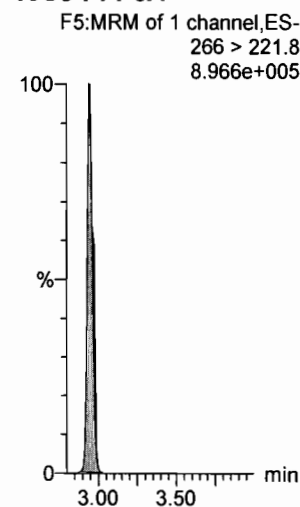
PFHxS



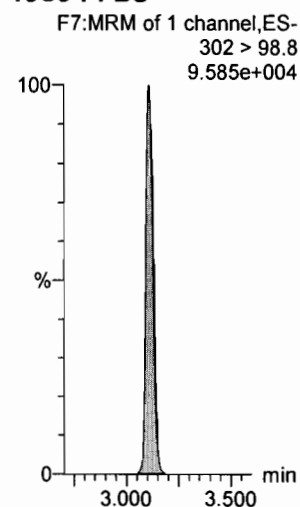
13C3-PFBA



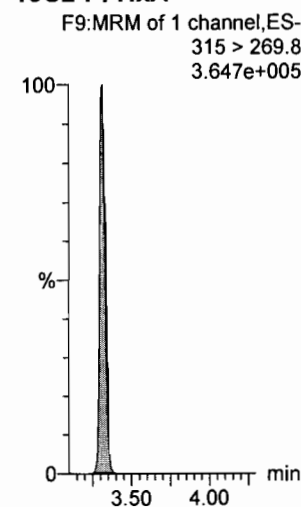
13C3-PFPeA



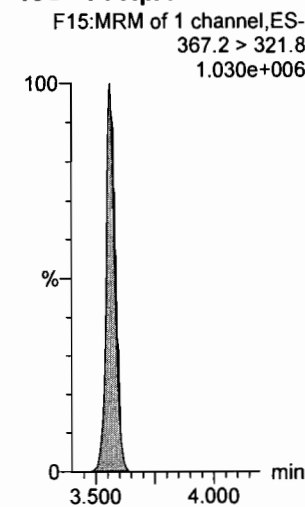
13C3-PFBS



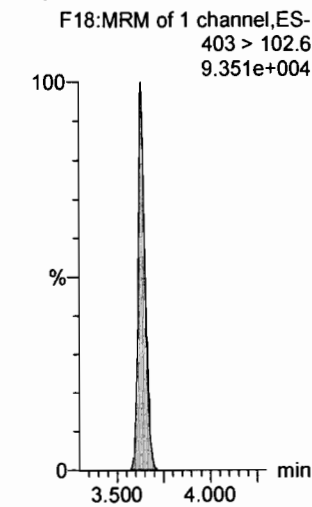
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



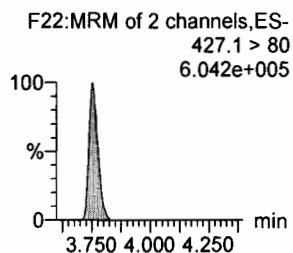
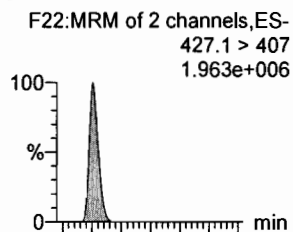
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

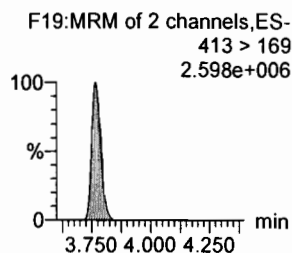
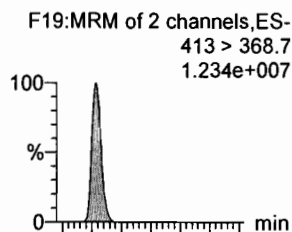
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_9, Date: 10-Aug-2017, Time: 21:47:47, ID: ST170810M2-8 PFC CS5 17H1019, Description: PFC CS5 17H1019

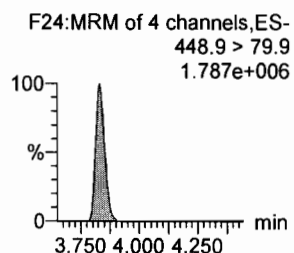
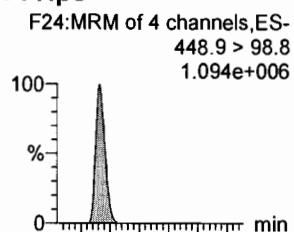
6:2 FTS



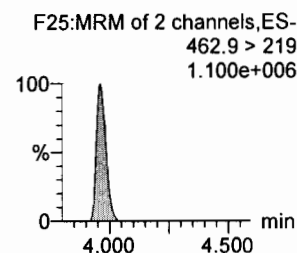
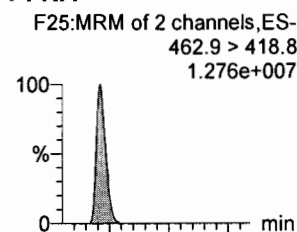
PFOA



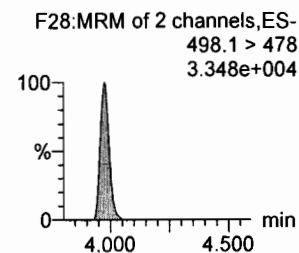
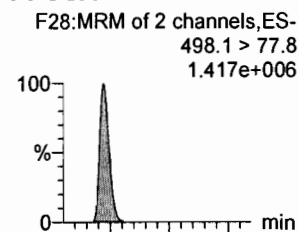
PFHpS



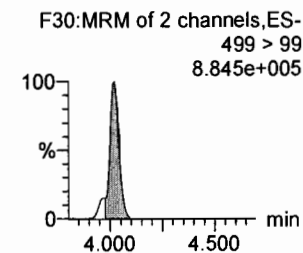
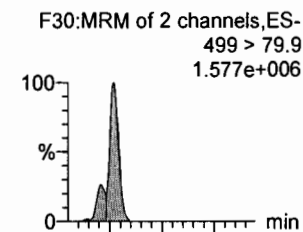
PFNA



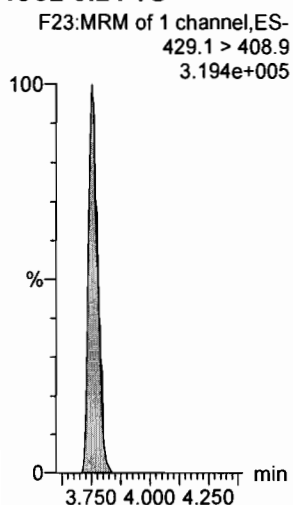
PFOSA



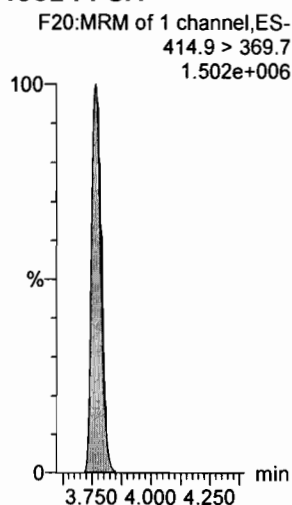
PFOS



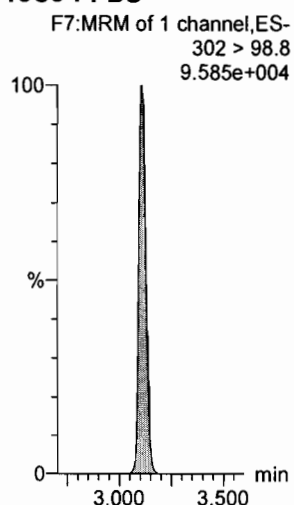
13C2-6:2 FTS



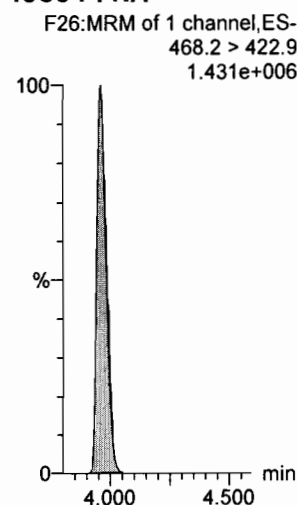
13C2-PFOA



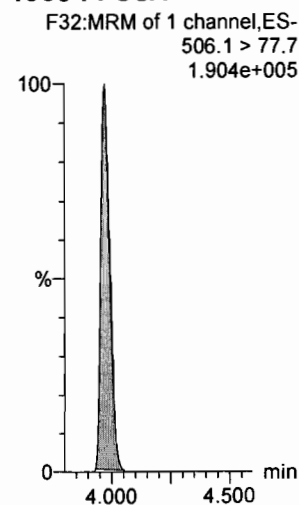
13C3-PFBS



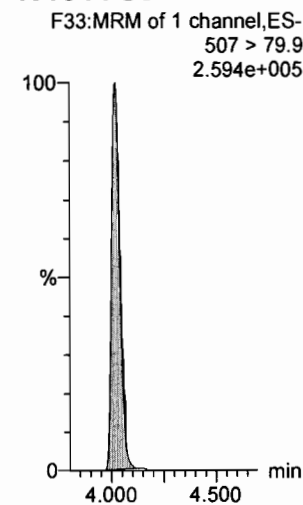
13C5-PFNA



13C8-PFOSA



13C8-PFOS



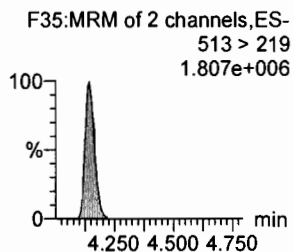
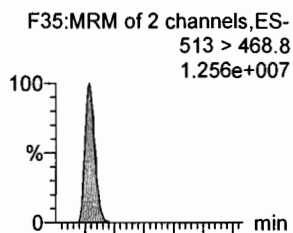
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

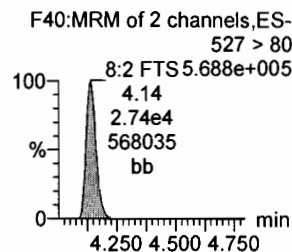
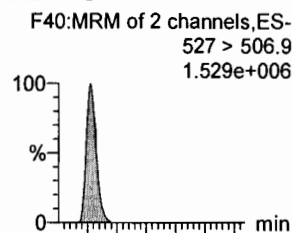
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_9, Date: 10-Aug-2017, Time: 21:47:47, ID: ST170810M2-8 PFC CS5 17H1019, Description: PFC CS5 17H1019

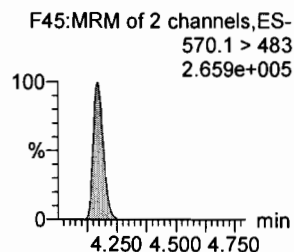
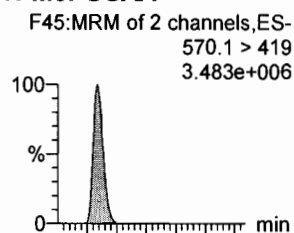
PFDA



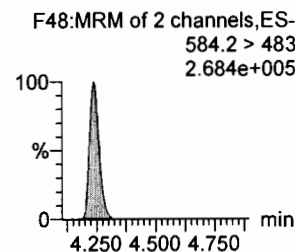
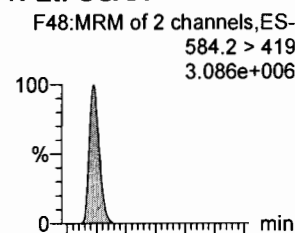
8:2 FTS



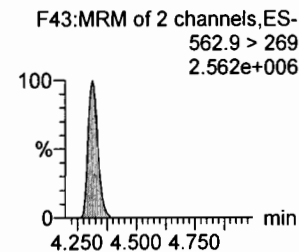
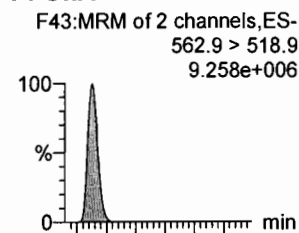
N-MeFOSAA



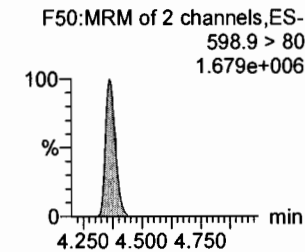
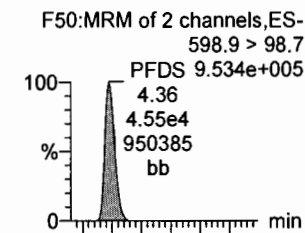
N-EtFOSAA



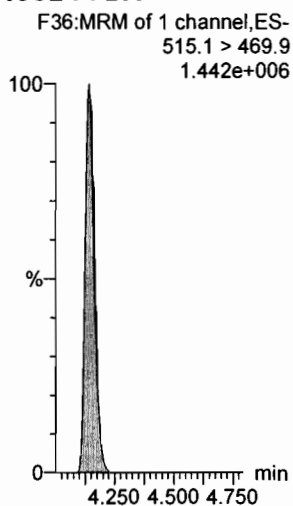
PFUnA



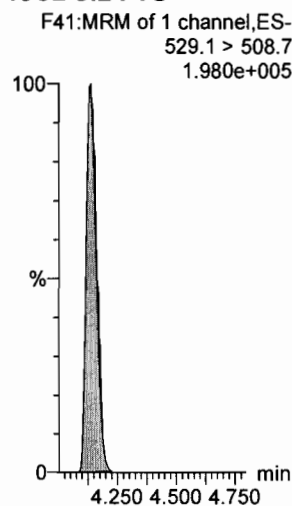
PFDS



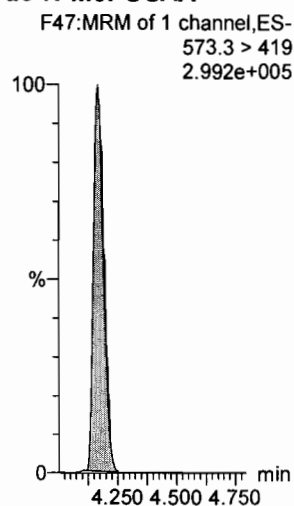
13C2-PFDA



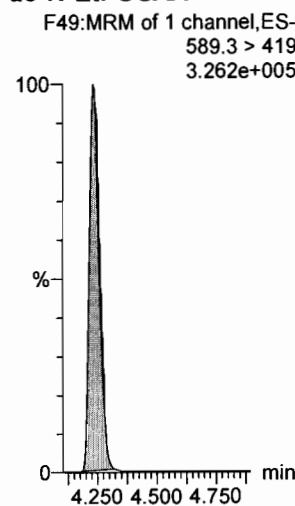
13C2-8:2 FTS



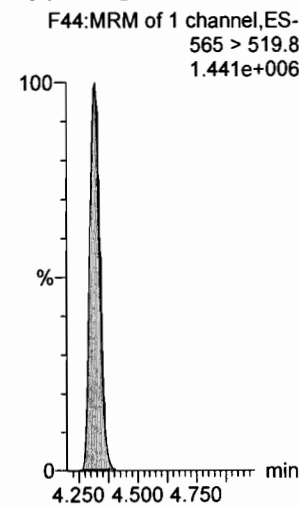
d3-N-MeFOSAA



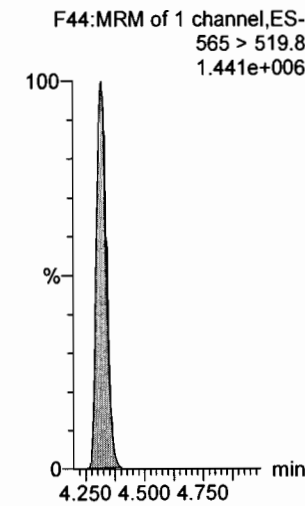
d5-N-EtFOSAA



13C2-PFUnA



13C2-PFUnA



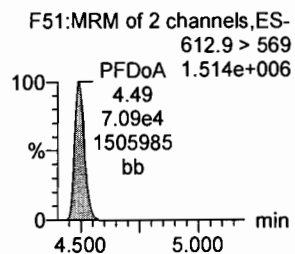
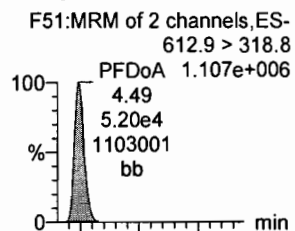
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

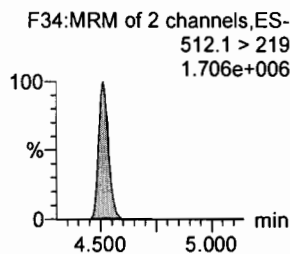
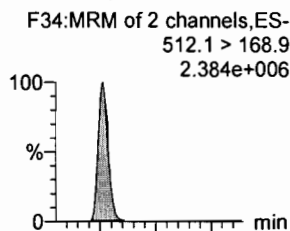
Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_9, Date: 10-Aug-2017, Time: 21:47:47, ID: ST170810M2-8 PFC CS5 17H1019, Description: PFC CS5 17H1019

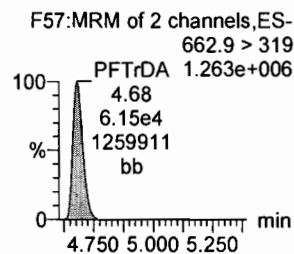
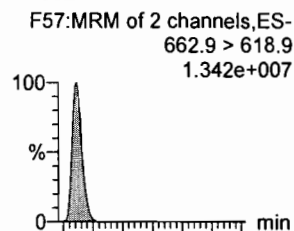
PFDaA



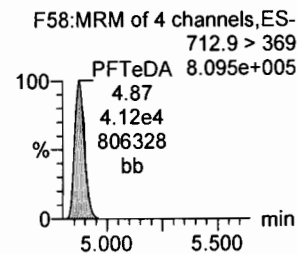
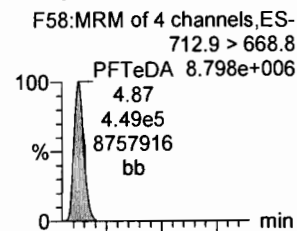
N-MeFOSA



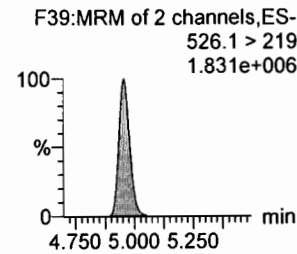
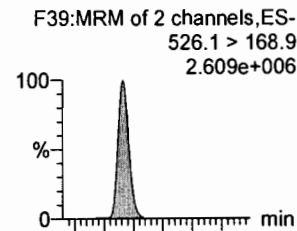
PFTTrDA



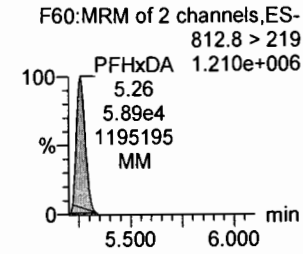
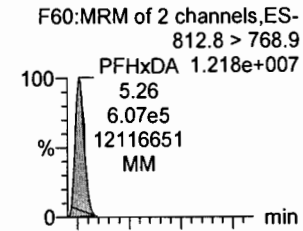
PFTeDA



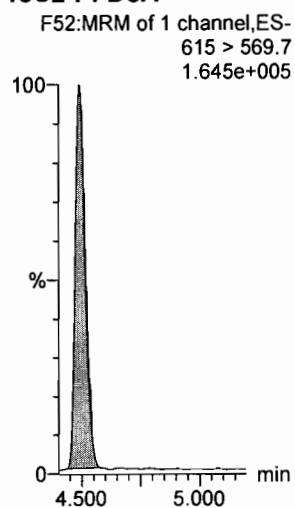
N-EtFOSA



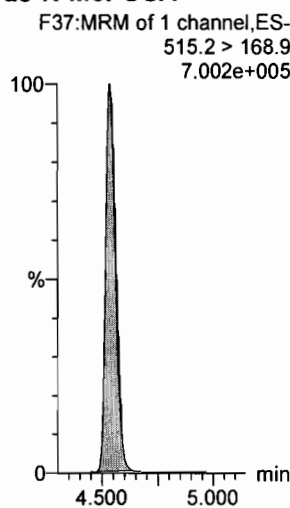
PFHxDA



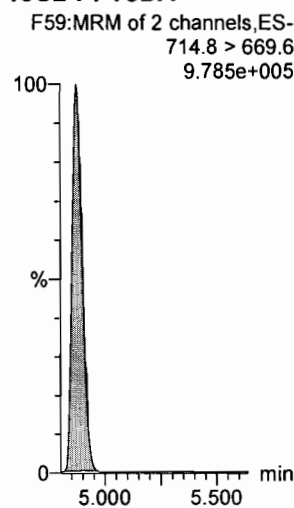
13C2-PFDaA



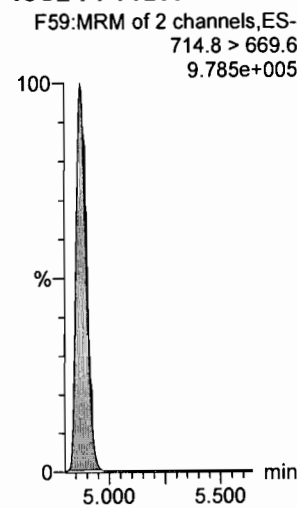
d3-N-MeFOSA



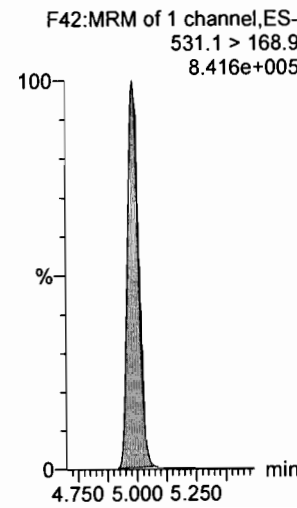
13C2-PFTeDA



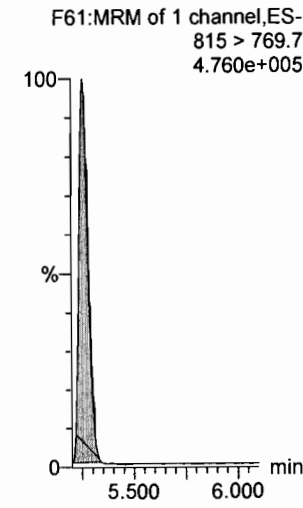
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

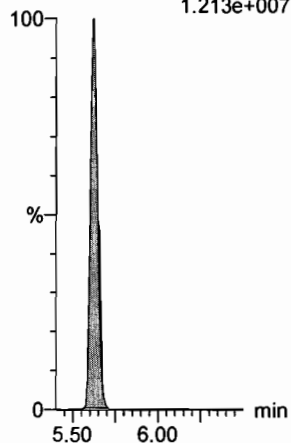
Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_9, Date: 10-Aug-2017, Time: 21:47:47, ID: ST170810M2-8 PFC CS5 17H1019, Description: PFC CS5 17H1019

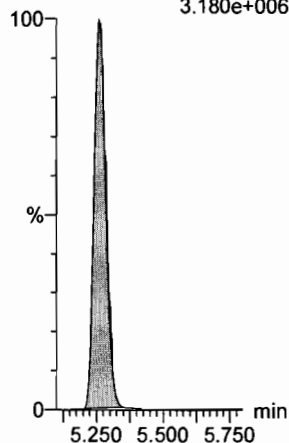
PFODA

F62:MRM of 4 channels,ES-
912.8 > 868.8
1.213e+007



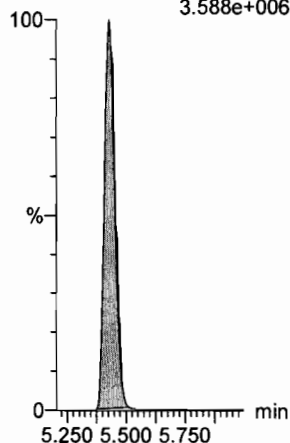
N-MeFOSE

F53:MRM of 1 channel,ES-
616.1 > 58.9
3.180e+006



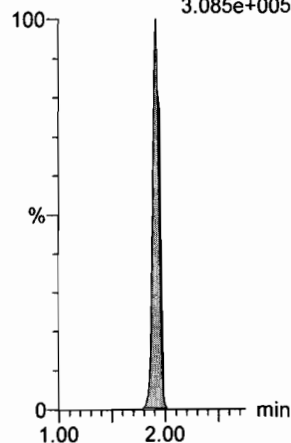
N-EtFOSE

F55:MRM of 1 channel,ES-
630.1 > 58.9
3.588e+006



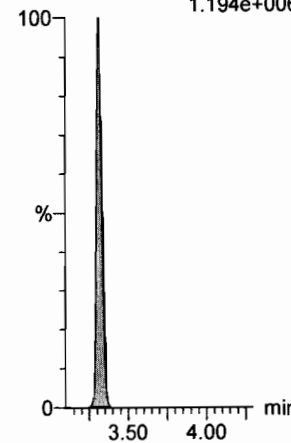
13C4-PFBA

F3:MRM of 1 channel,ES-
217 > 171.8
3.085e+005



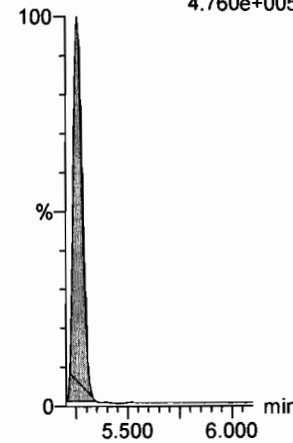
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
1.194e+006



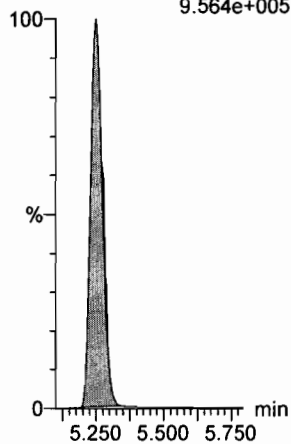
13C2-PFHxDA

F61:MRM of 1 channel,ES-
815 > 769.7
4.760e+005



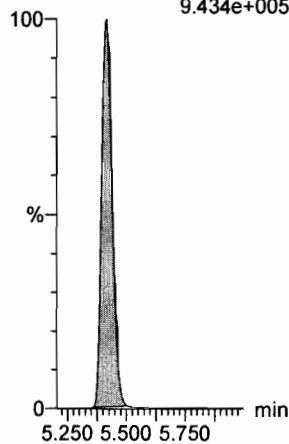
d7-N-MeFOSE

F54:MRM of 1 channel,ES-
623.1 > 58.9
9.564e+005



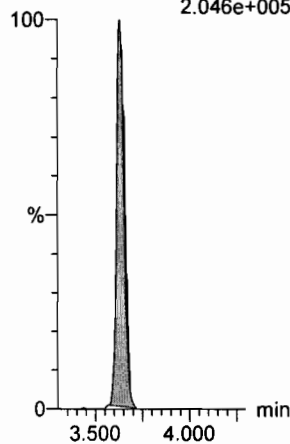
d9-N-EtFOSE

F56:MRM of 1 channel,ES-
639.2 > 58.8
9.434e+005



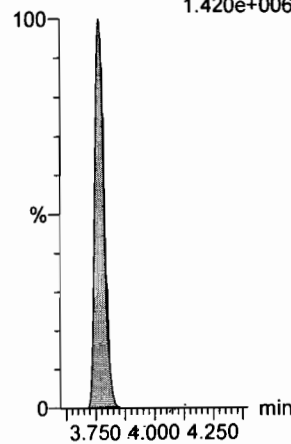
13C3-PFHxS

F17:MRM of 1 channel,ES-
401.9 > 79.9
2.046e+005



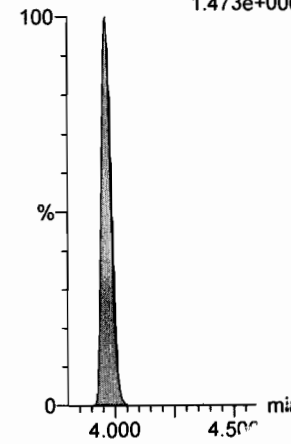
13C8-PFOA

F21:MRM of 1 channel,ES-
421.3 > 376
1.420e+006



13C9-PFNA

F27:MRM of 1 channel,ES-
472.2 > 426.9
1.473e+006



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

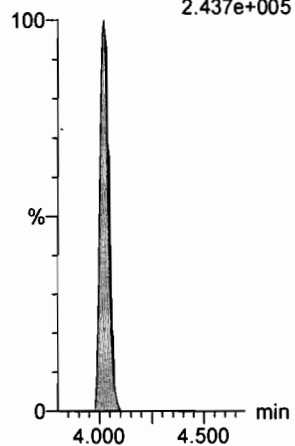
Last Altered: Friday, August 11, 2017 09:08:45 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:09:53 Pacific Daylight Time

Name: 170810M2_9, Date: 10-Aug-2017, Time: 21:47:47, ID: ST170810M2-8 PFC CS5 17H1019, Description: PFC CS5 17H1019

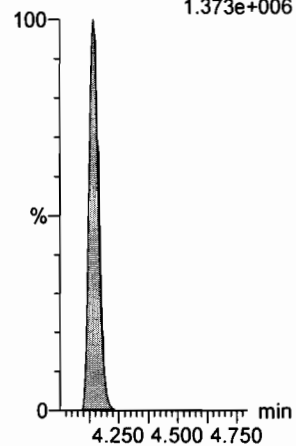
13C4-PFOS

F31:MRM of 1 channel,ES-
503 > 79.9
2.437e+005



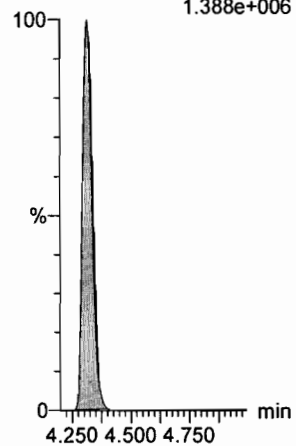
13C6-PFDA

F38:MRM of 1 channel,ES-
519.1 > 473.7
1.373e+006



13C7-PFUnA

F46:MRM of 1 channel,ES-
570.1 > 524.8
1.388e+006



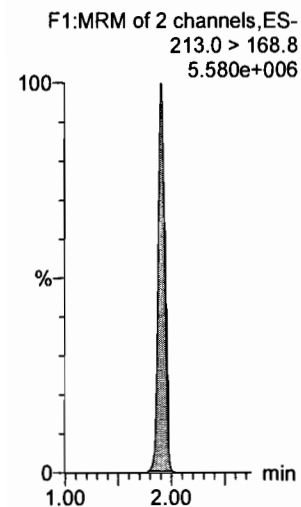
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time
Printed: Friday, August 11, 2017 09:27:08 Pacific Daylight Time

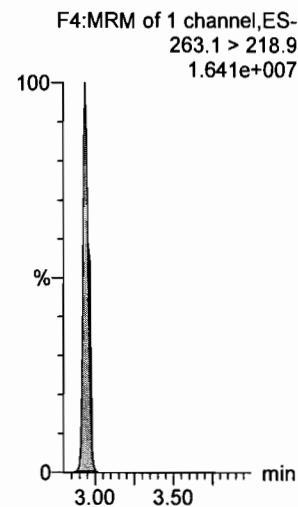
Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-10-17.mdb 11 Aug 2017 08:55:25
Calibration: 11 Aug 2017 09:12:09

Name: 170810M2_10, Date: 10-Aug-2017, Time: 21:58:34, ID: ST170810M2-9 PFC CS6 17H1013, Description: PFC CS6 17H1013

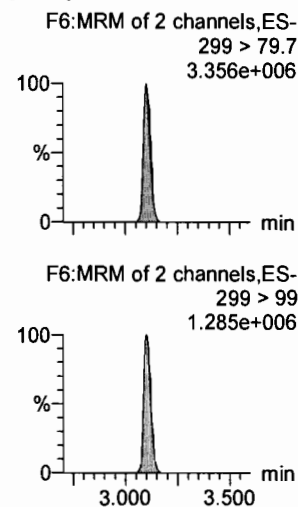
PFBA



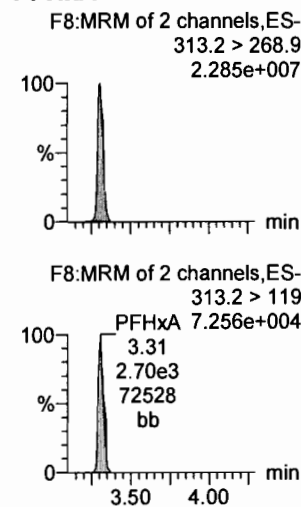
PFPeA



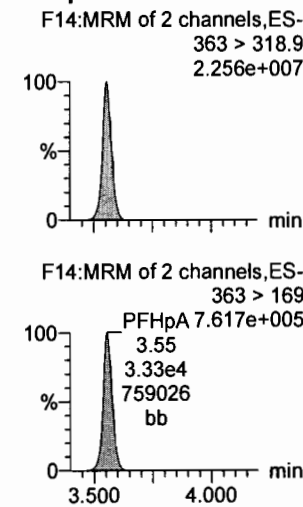
PFBS



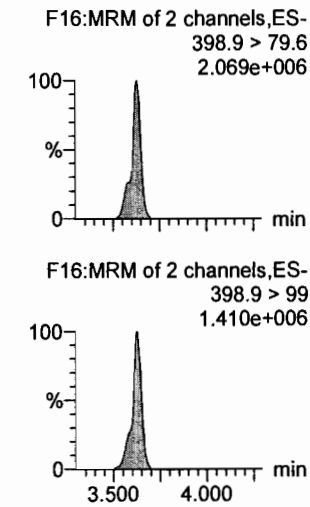
PFHxA



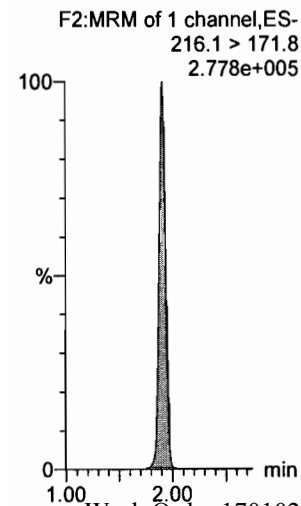
PFHpA



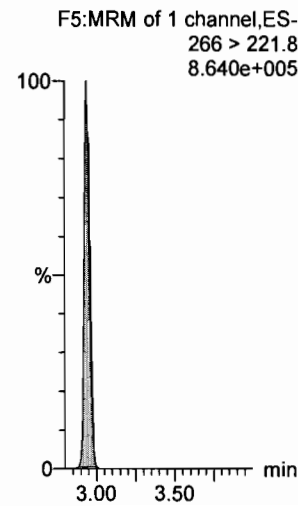
PFHxS



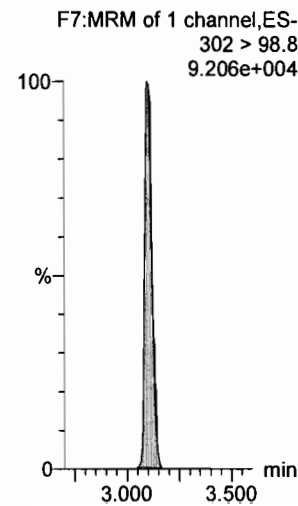
13C3-PFBA



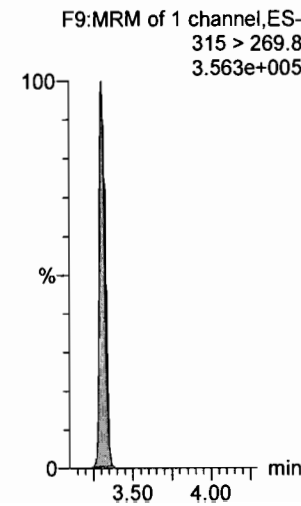
13C3-PFPeA



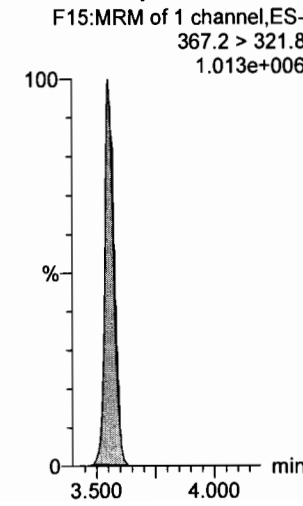
13C3-PFBS



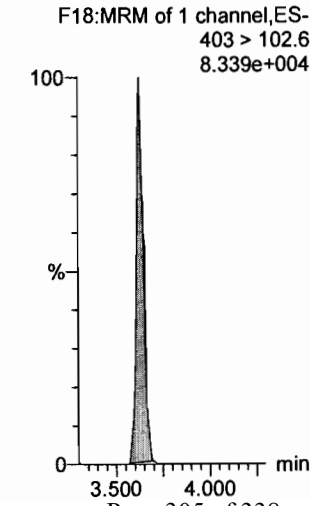
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



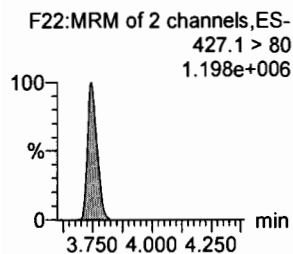
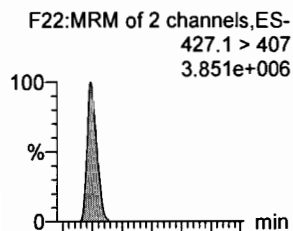
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

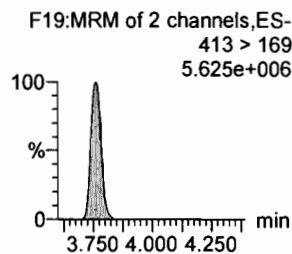
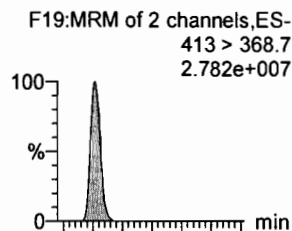
Printed: Friday, August 11, 2017 09:27:08 Pacific Daylight Time

Name: 170810M2_10, Date: 10-Aug-2017, Time: 21:58:34, ID: ST170810M2-9 PFC CS6 17H1013, Description: PFC CS6 17H1013

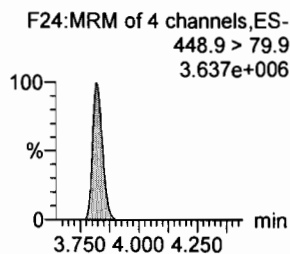
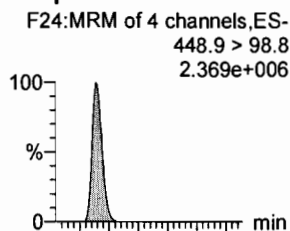
6:2 FTS



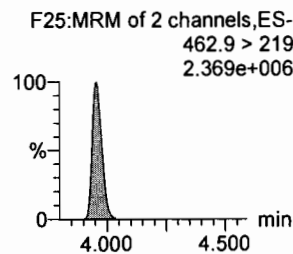
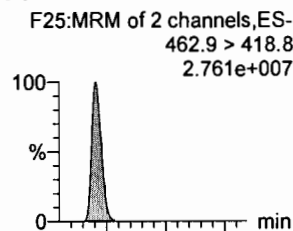
PFOA



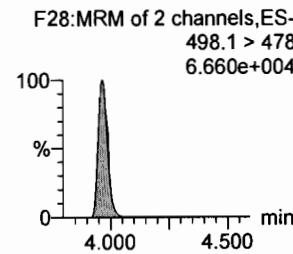
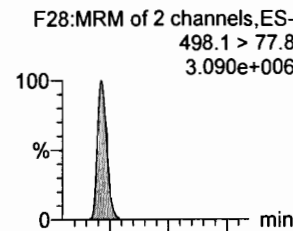
PFHpS



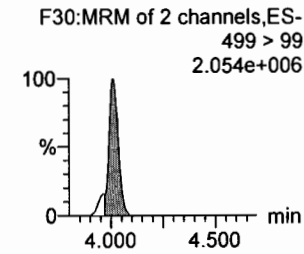
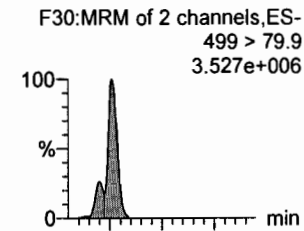
PFNA



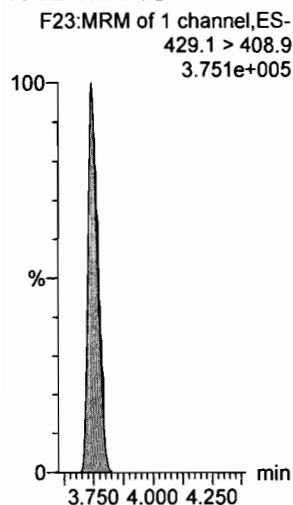
PFOSA



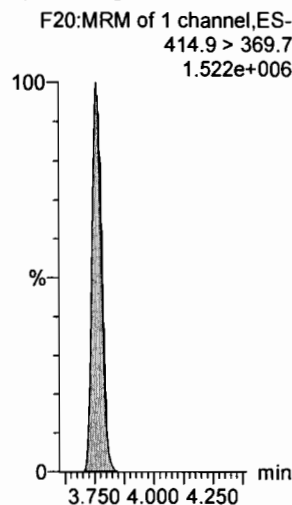
PFOS



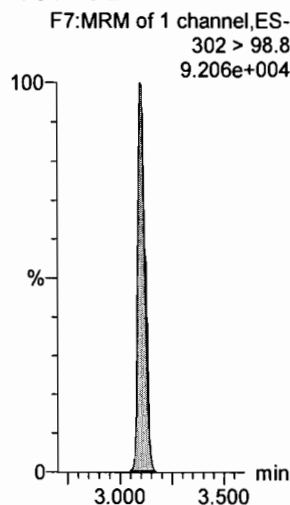
13C2-6:2 FTS



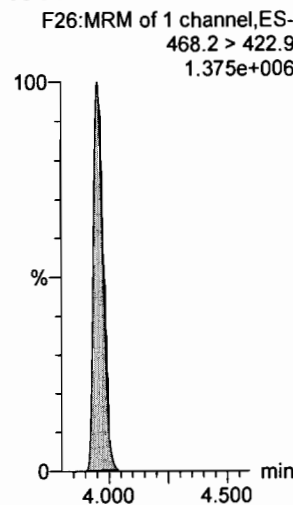
13C2-PFOA



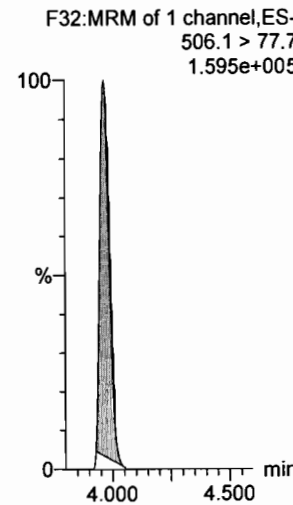
13C3-PFBS



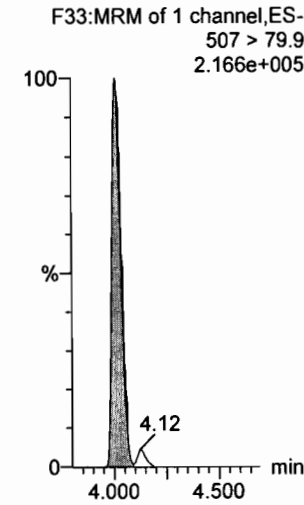
13C5-PFNA



13C8-PFOSA



13C8-PFOS



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

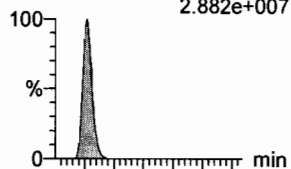
Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:27:08 Pacific Daylight Time

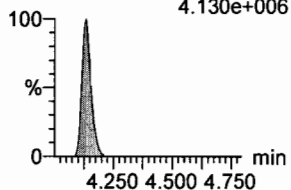
Name: 170810M2_10, Date: 10-Aug-2017, Time: 21:58:34, ID: ST170810M2-9 PFC CS6 17H1013, Description: PFC CS6 17H1013

PFDA

F35:MRM of 2 channels,ES-
513 > 468.8
2.882e+007

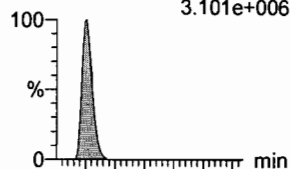


F35:MRM of 2 channels,ES-
513 > 219
4.130e+006

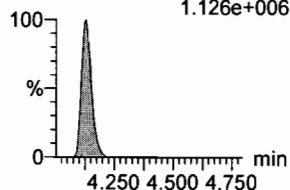


8:2 FTS

F40:MRM of 2 channels,ES-
527 > 506.9
3.101e+006

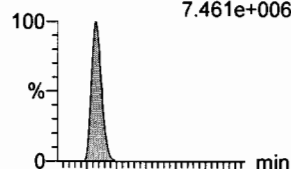


F40:MRM of 2 channels,ES-
527 > 80
1.126e+006

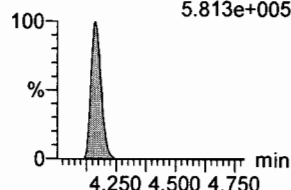


N-MeFOSAA

F45:MRM of 2 channels,ES-
570.1 > 419
7.461e+006

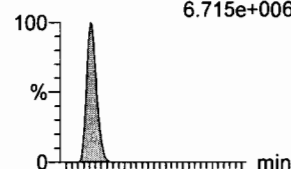


F45:MRM of 2 channels,ES-
570.1 > 483
5.813e+005

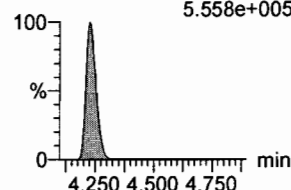


N-EtFOSAA

F48:MRM of 2 channels,ES-
584.2 > 419
6.715e+006

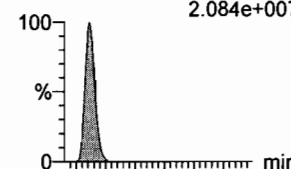


F48:MRM of 2 channels,ES-
584.2 > 483
5.558e+005

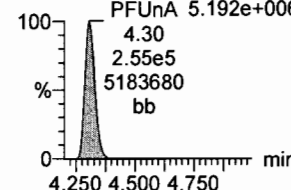


PFUnA

F43:MRM of 2 channels,ES-
562.9 > 518.9
2.084e+007

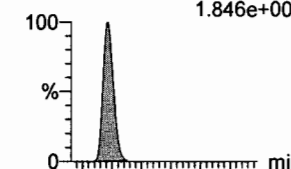


F43:MRM of 2 channels,ES-
562.9 > 269
5.192e+006

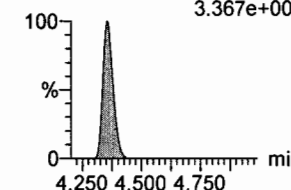


PFDS

F50:MRM of 2 channels,ES-
598.9 > 98.7
1.846e+006

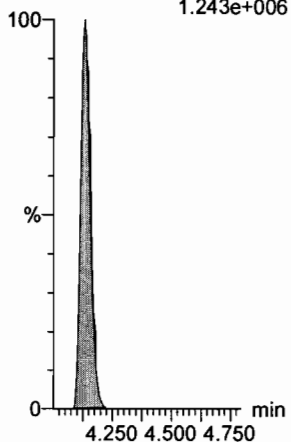


F50:MRM of 2 channels,ES-
598.9 > 80
3.367e+006



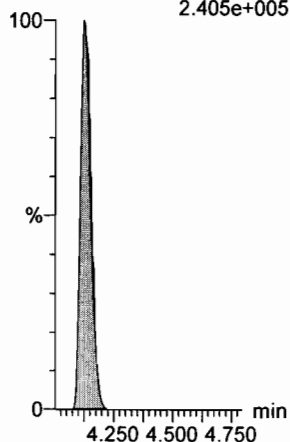
13C2-PFDA

F36:MRM of 1 channel,ES-
515.1 > 469.9
1.243e+006



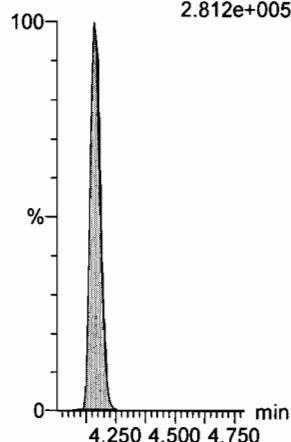
13C2-8:2 FTS

F41:MRM of 1 channel,ES-
529.1 > 508.7
2.405e+005



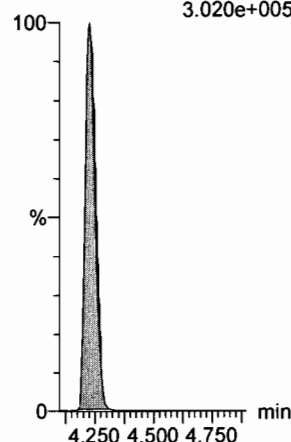
d3-N-MeFOSAA

F47:MRM of 1 channel,ES-
573.3 > 419
2.812e+005



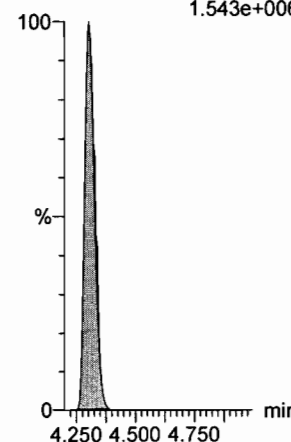
d5-N-EtFOSAA

F49:MRM of 1 channel,ES-
589.3 > 419
3.020e+005



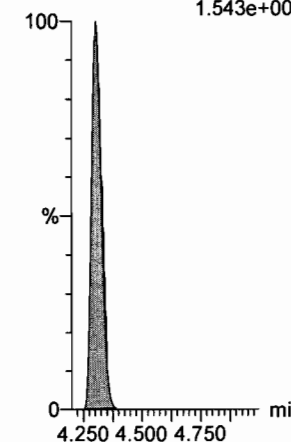
13C2-PFUnA

F44:MRM of 1 channel,ES-
565 > 519.8
1.543e+006



13C2-PFUnA

F44:MRM of 1 channel,ES-
565 > 519.8
1.543e+006



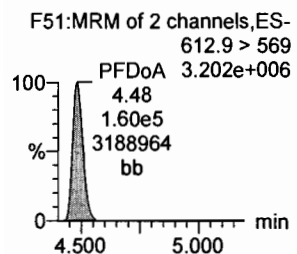
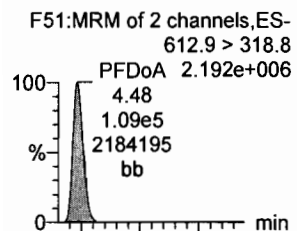
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

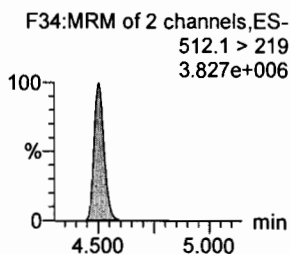
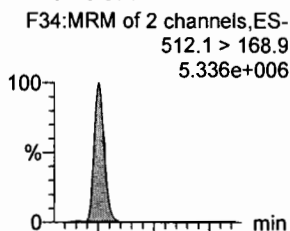
Printed: Friday, August 11, 2017 09:27:08 Pacific Daylight Time

Name: 170810M2_10, Date: 10-Aug-2017, Time: 21:58:34, ID: ST170810M2-9 PFC CS6 17H1013, Description: PFC CS6 17H1013

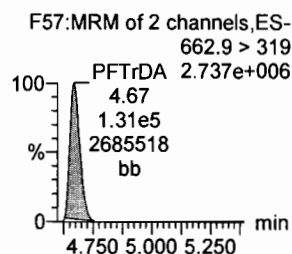
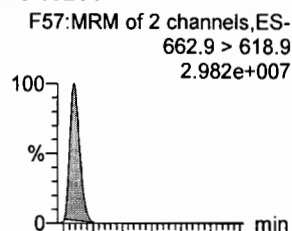
PFDaA



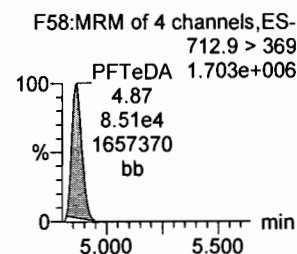
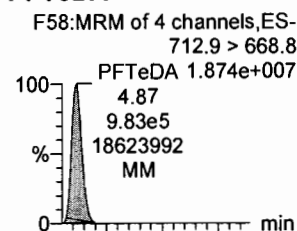
N-MeFOSA



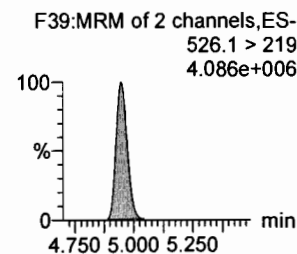
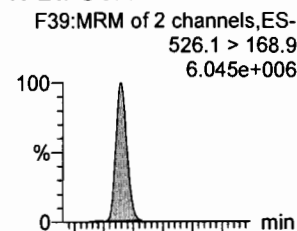
PFTrDA



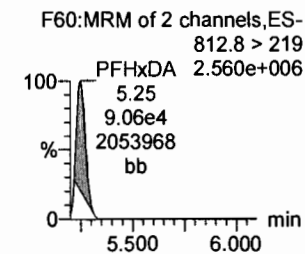
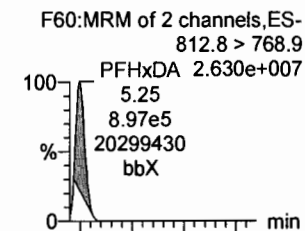
PFTeDA



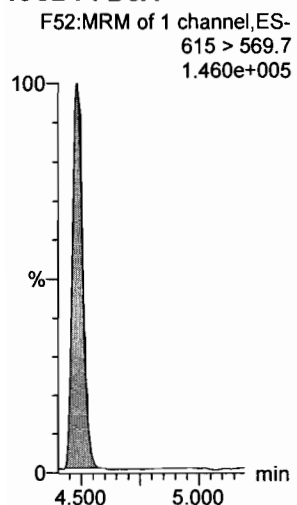
N-EtFOSA



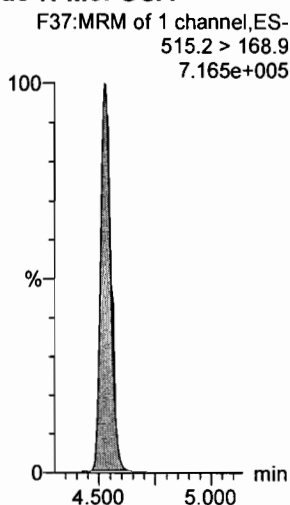
PFHxDA



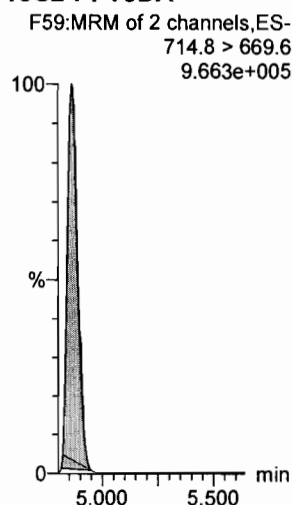
13C2-PFDaA



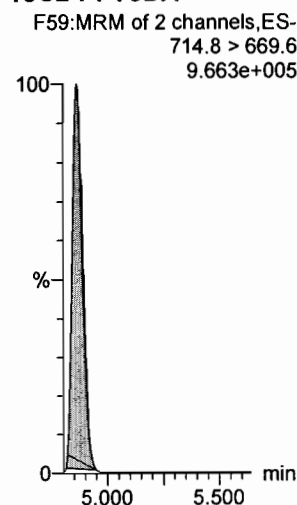
d3-N-MeFOSA



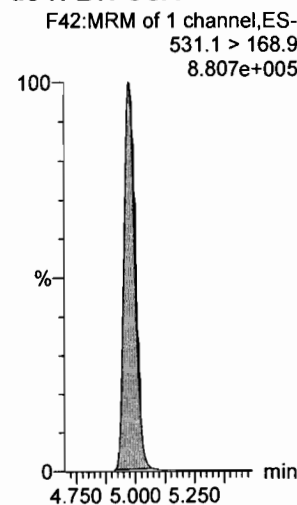
13C2-PFTeDA



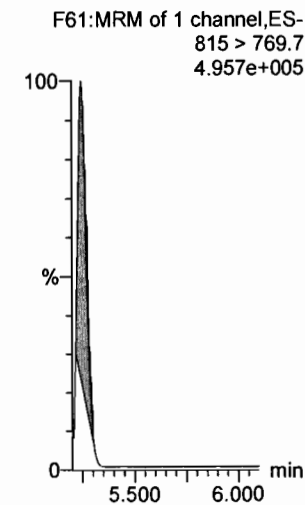
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

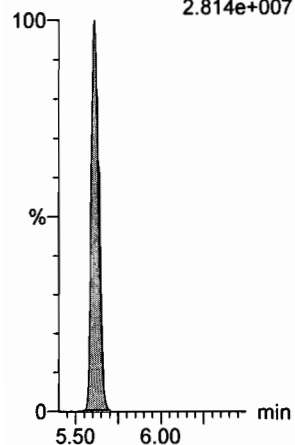
Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:27:08 Pacific Daylight Time

Name: 170810M2_10, Date: 10-Aug-2017, Time: 21:58:34, ID: ST170810M2-9 PFC CS6 17H1013, Description: PFC CS6 17H1013

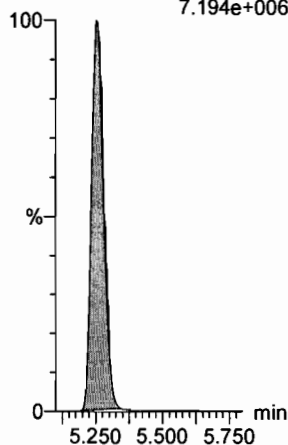
PFODA

F62:MRM of 4 channels,ES-
912.8 > 868.8
2.814e+007



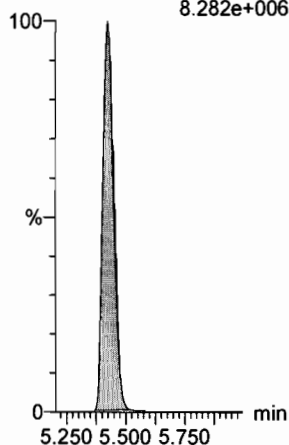
N-MeFOSE

F53:MRM of 1 channel,ES-
616.1 > 58.9
7.194e+006



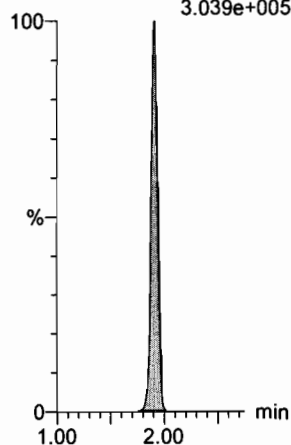
N-EtFOSE

F55:MRM of 1 channel,ES-
630.1 > 58.9
8.282e+006



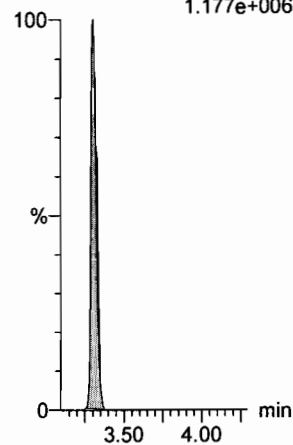
13C4-PFBA

F3:MRM of 1 channel,ES-
217 > 171.8
3.039e+005



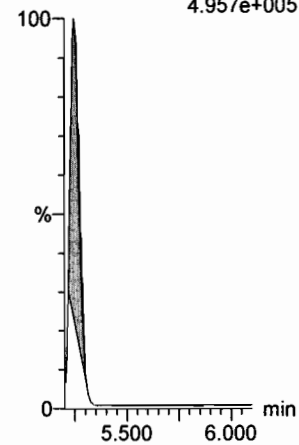
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
1.177e+006



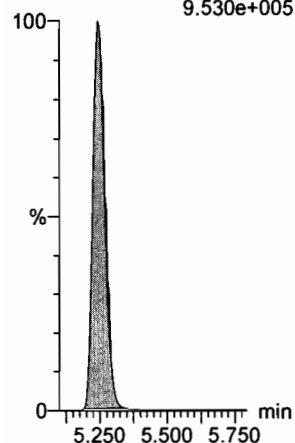
13C2-PFHxDA

F61:MRM of 1 channel,ES-
815 > 769.7
4.957e+005



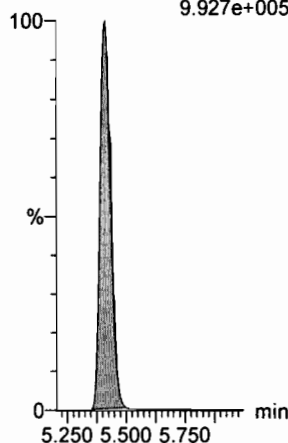
d7-N-MeFOSE

F54:MRM of 1 channel,ES-
623.1 > 58.9
9.530e+005



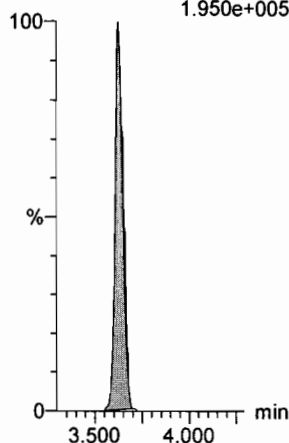
d9-N-EtFOSE

F56:MRM of 1 channel,ES-
639.2 > 58.8
9.927e+005



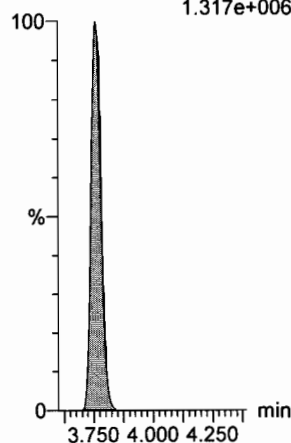
13C3-PFHxS

F17:MRM of 1 channel,ES-
401.9 > 79.9
1.950e+005



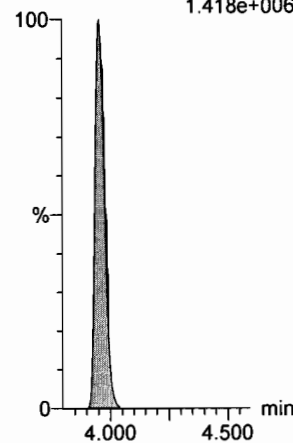
13C8-PFOA

F21:MRM of 1 channel,ES-
421.3 > 376
1.317e+006



13C9-PFNA

F27:MRM of 1 channel,ES-
472.2 > 426.9
1.418e+006



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

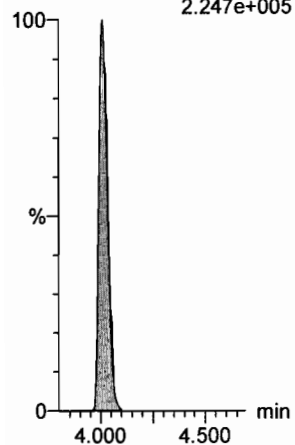
Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:27:08 Pacific Daylight Time

Name: 170810M2_10, Date: 10-Aug-2017, Time: 21:58:34, ID: ST170810M2-9 PFC CS6 17H1013, Description: PFC CS6 17H1013

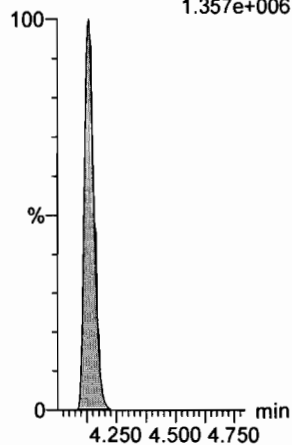
13C4-PFOS

F31:MRM of 1 channel,ES-
503 > 79.9
2.247e+005



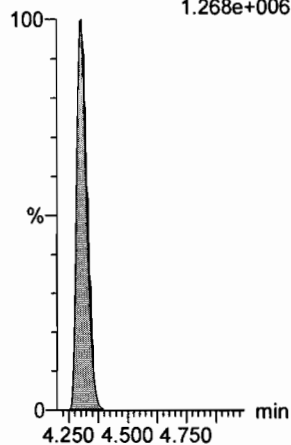
13C6-PFDA

F38:MRM of 1 channel,ES-
519.1 > 473.7
1.357e+006



13C7-PFUnA

F46:MRM of 1 channel,ES-
570.1 > 524.8
1.268e+006



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

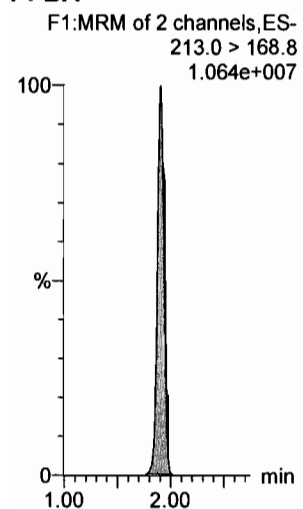
Printed: Friday, August 11, 2017 09:27:16 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-10-17.mdb 11 Aug 2017 08:55:25

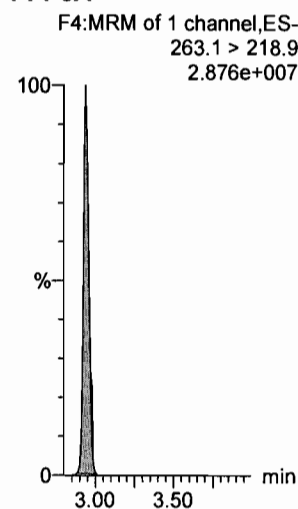
Calibration: 11 Aug 2017 09:12:09

Name: 170810M2_11, Date: 10-Aug-2017, Time: 22:09:12, ID: ST170810M2-10 PFC CS7 17H1012, Description: PFC CS7 17H1012

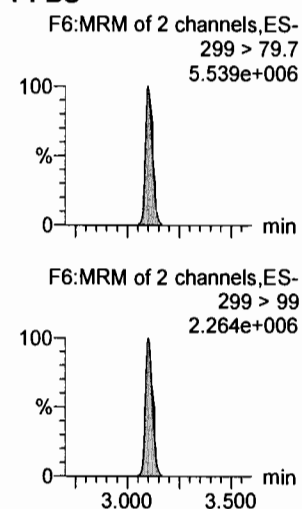
PFBA



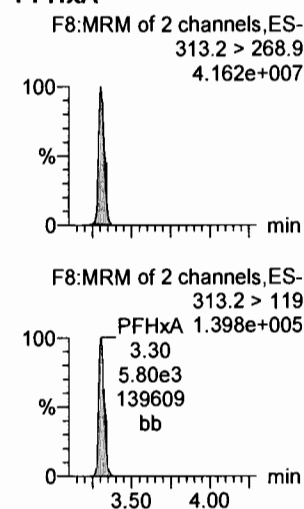
PFPeA



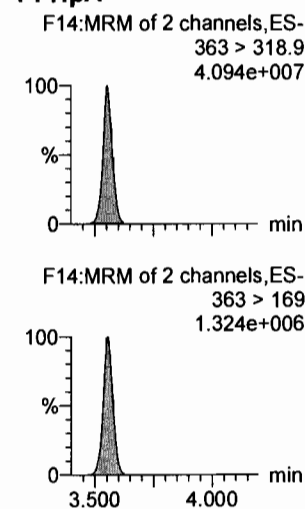
PFBS



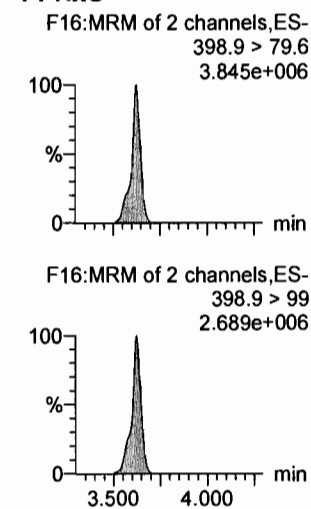
PFHxA



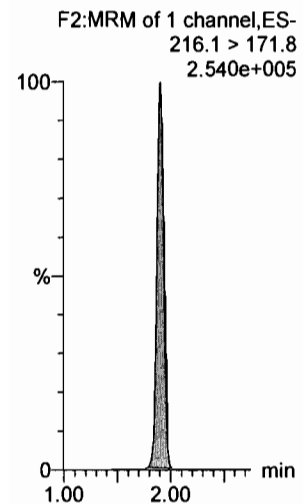
PFHpA



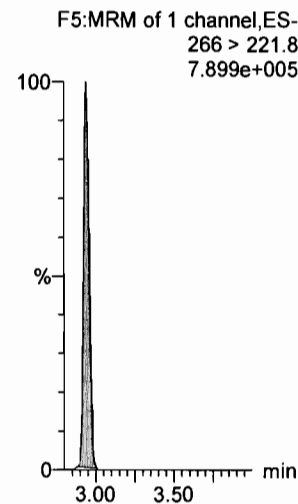
PFHxS



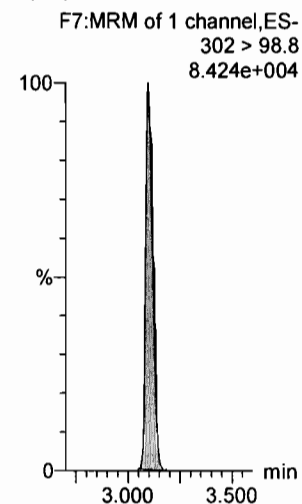
13C3-PFBA



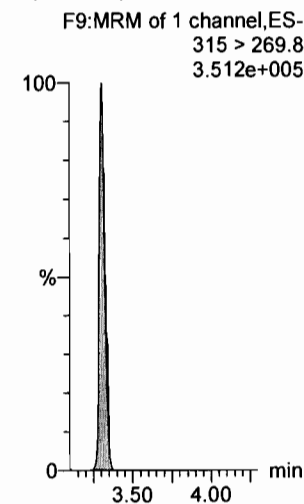
13C3-PFPeA



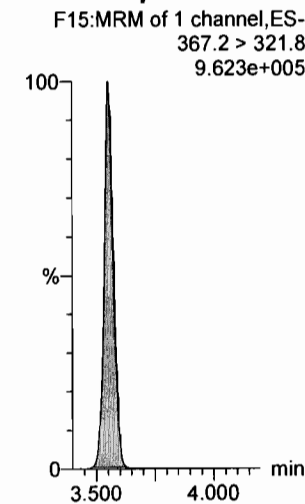
13C3-PFBS



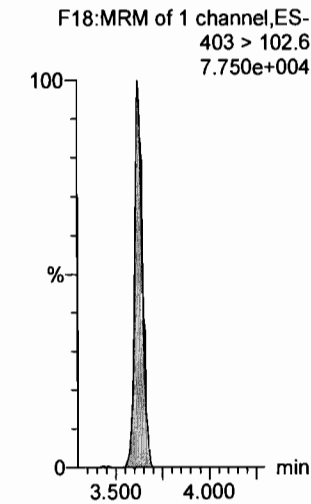
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



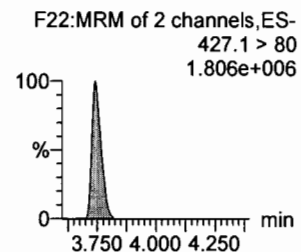
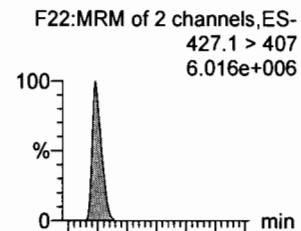
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

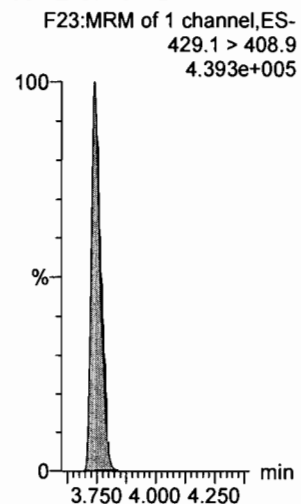
Printed: Friday, August 11, 2017 09:27:16 Pacific Daylight Time

Name: 170810M2_11, Date: 10-Aug-2017, Time: 22:09:12, ID: ST170810M2-10 PFC CS7 17H1012, Description: PFC CS7 17H1012

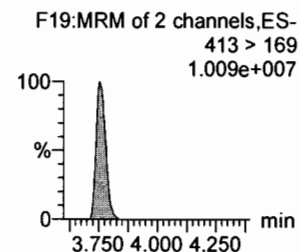
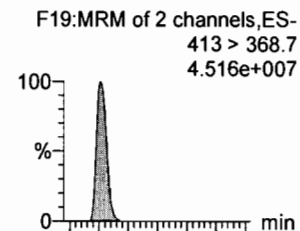
6:2 FTS



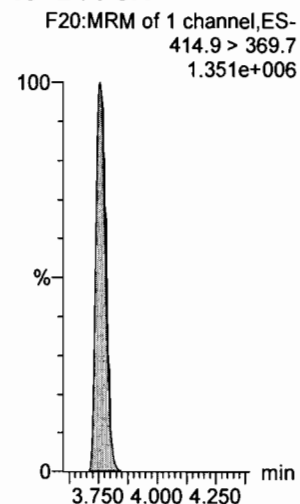
13C2-6:2 FTS



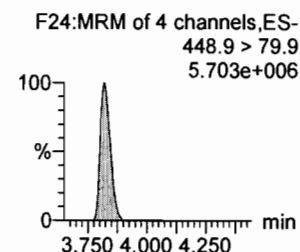
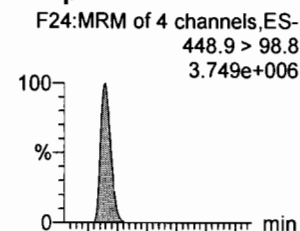
PFOA



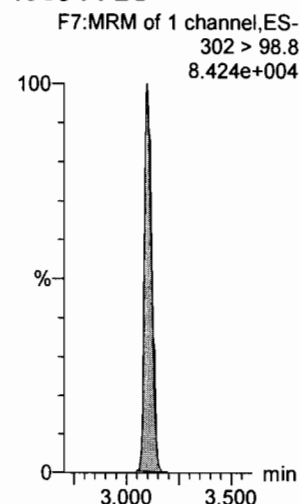
13C2-PFOA



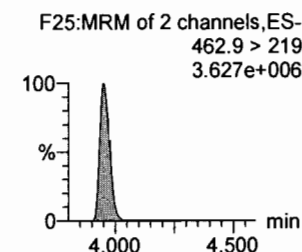
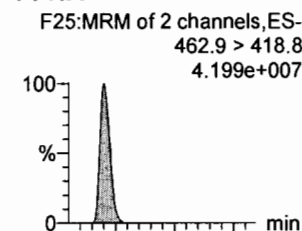
PFHpS



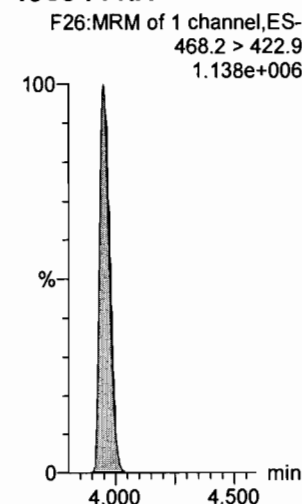
13C3-PFBS



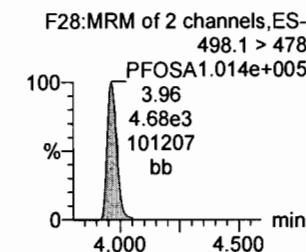
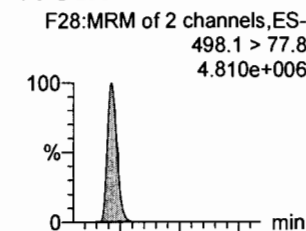
PFNA



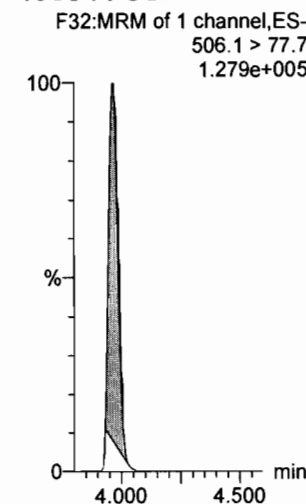
13C5-PFNA



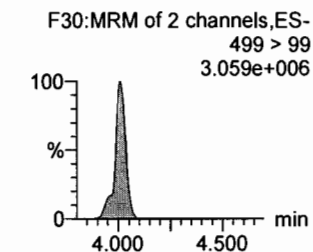
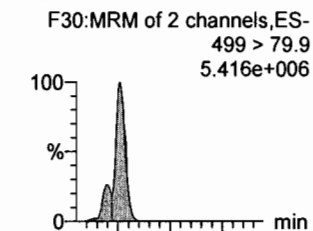
PFOSA



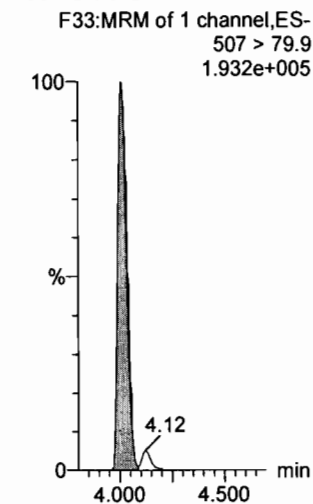
13C8-PFOSA



PFOS



13C8-PFOS



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

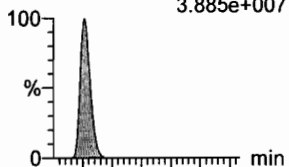
Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:27:16 Pacific Daylight Time

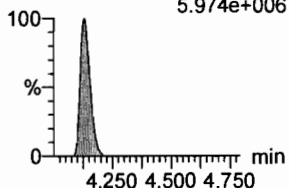
Name: 170810M2_11, Date: 10-Aug-2017, Time: 22:09:12, ID: ST170810M2-10 PFC CS7 17H1012, Description: PFC CS7 17H1012

PFDA

F35:MRM of 2 channels,ES-
513 > 468.8
3.885e+007



F35:MRM of 2 channels,ES-
513 > 219
5.974e+006

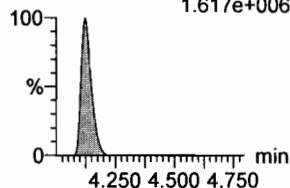


8:2 FTS

F40:MRM of 2 channels,ES-
527 > 506.9
4.452e+006



F40:MRM of 2 channels,ES-
527 > 80
1.617e+006

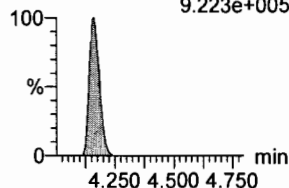


N-MeFOSAA

F45:MRM of 2 channels,ES-
570.1 > 419
1.165e+007



F45:MRM of 2 channels,ES-
570.1 > 483
9.223e+005

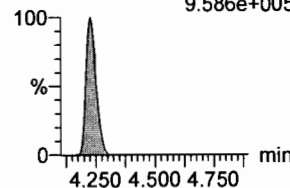


N-EtFOSAA

F48:MRM of 2 channels,ES-
584.2 > 419
1.142e+007

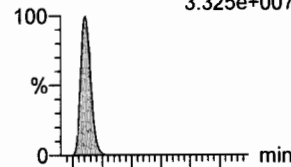


F48:MRM of 2 channels,ES-
584.2 > 483
9.586e+005

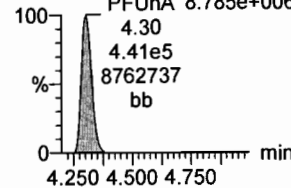


PFUnA

F43:MRM of 2 channels,ES-
562.9 > 518.9
3.325e+007

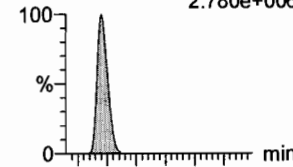


F43:MRM of 2 channels,ES-
562.9 > 269
8.785e+006

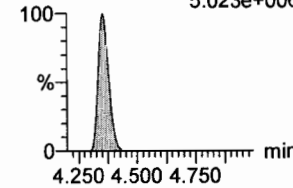


PFDS

F50:MRM of 2 channels,ES-
598.9 > 98.7
2.780e+006

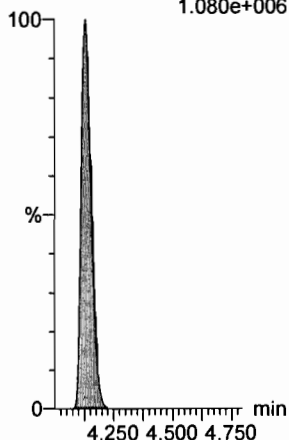


F50:MRM of 2 channels,ES-
598.9 > 80
5.023e+006



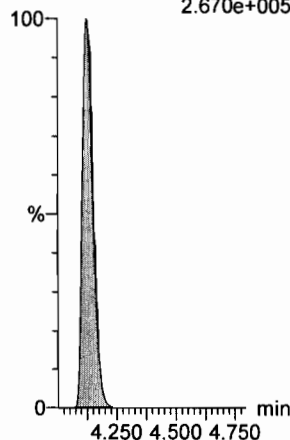
13C2-PFDA

F36:MRM of 1 channel,ES-
515.1 > 469.9
1.080e+006



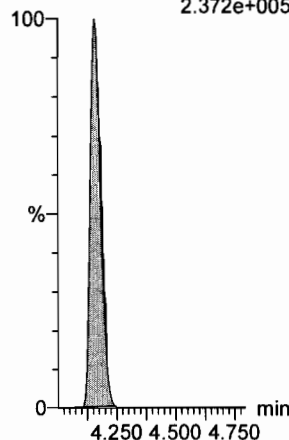
13C2-8:2 FTS

F41:MRM of 1 channel,ES-
529.1 > 508.7
2.670e+005



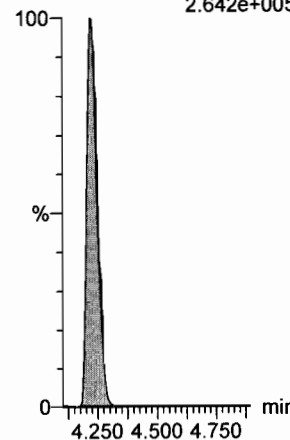
d3-N-MeFOSAA

F47:MRM of 1 channel,ES-
573.3 > 419
2.372e+005



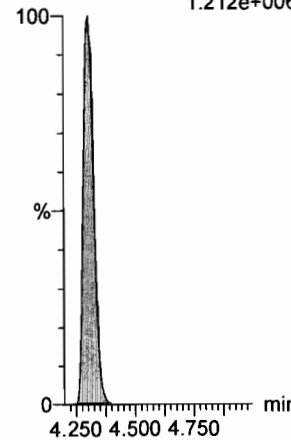
d5-N-EtFOSAA

F49:MRM of 1 channel,ES-
589.3 > 419
2.642e+005



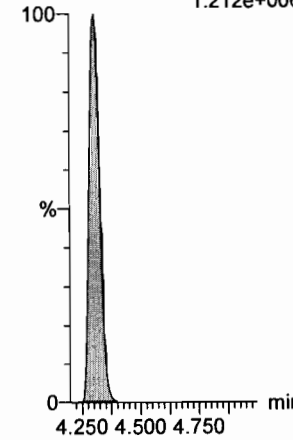
13C2-PFUnA

F44:MRM of 1 channel,ES-
565 > 519.8
1.212e+006



13C2-PFUnA

F44:MRM of 1 channel,ES-
565 > 519.8
1.212e+006



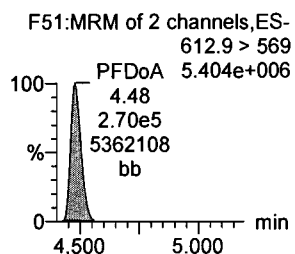
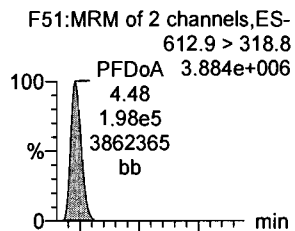
Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

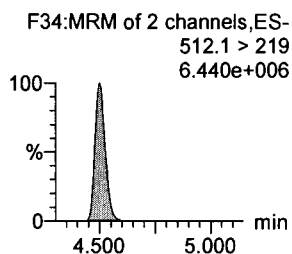
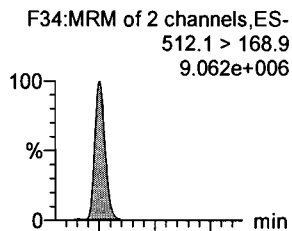
Printed: Friday, August 11, 2017 09:27:16 Pacific Daylight Time

Name: 170810M2_11, Date: 10-Aug-2017, Time: 22:09:12, ID: ST170810M2-10 PFC CS7 17H1012, Description: PFC CS7 17H1012

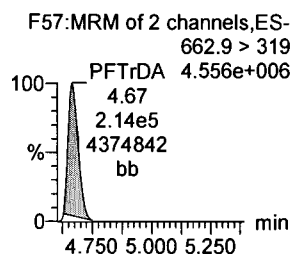
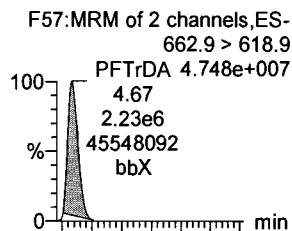
PFDaA



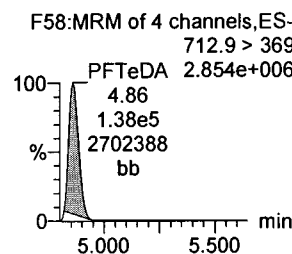
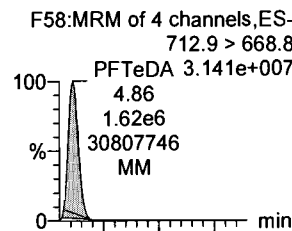
N-MeFOSA



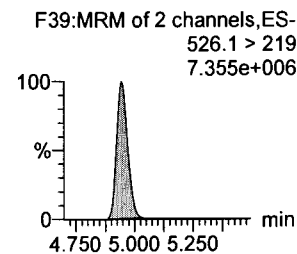
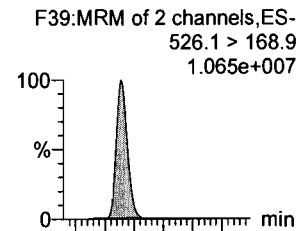
PFTTrDA



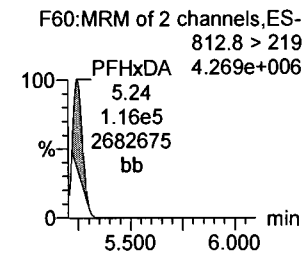
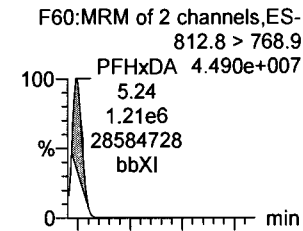
PFTeDA



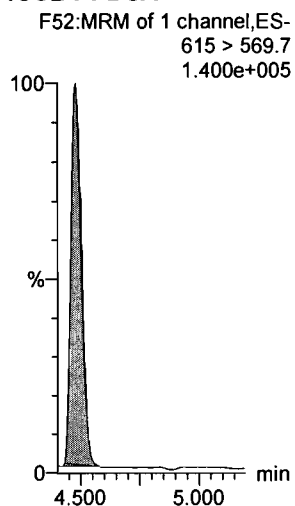
N-EtFOSA



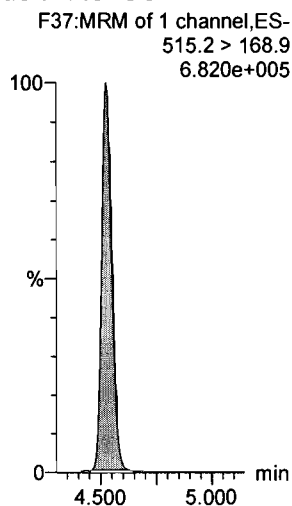
PFHxDA



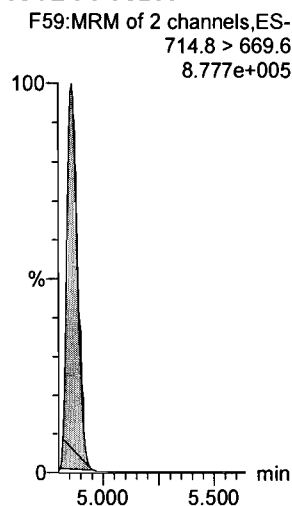
13C2-PFDaA



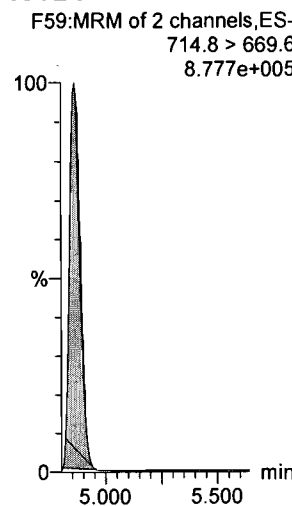
d3-N-MeFOSA



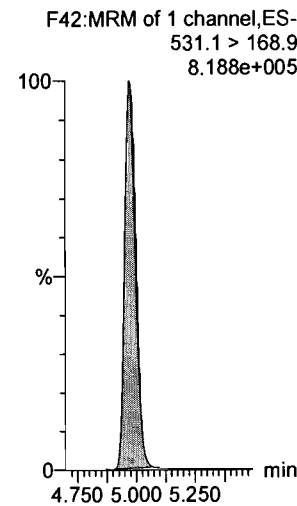
13C2-PFTeDA



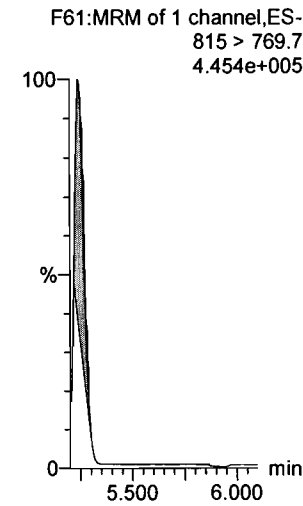
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

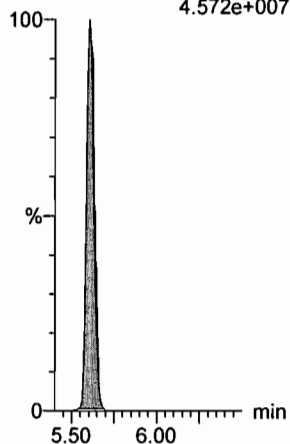
Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:27:16 Pacific Daylight Time

Name: 170810M2_11, Date: 10-Aug-2017, Time: 22:09:12, ID: ST170810M2-10 PFC CS7 17H1012, Description: PFC CS7 17H1012

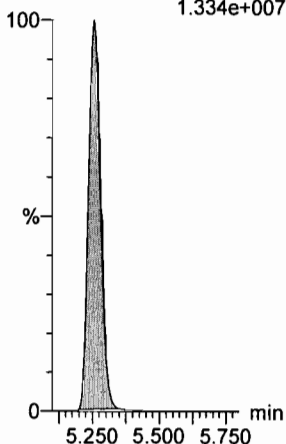
PFODA

F62:MRM of 4 channels,ES-
912.8 > 868.8
4.572e+007



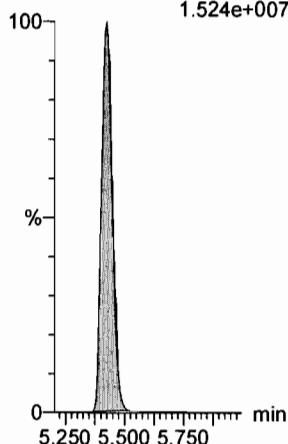
N-MeFOSE

F53:MRM of 1 channel,ES-
616.1 > 58.9
1.334e+007



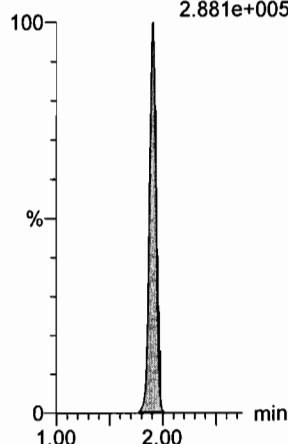
N-EtFOSE

F55:MRM of 1 channel,ES-
630.1 > 58.9
1.524e+007



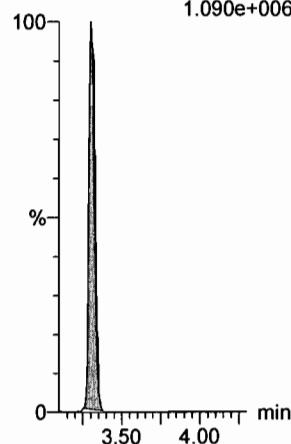
13C4-PFBA

F3:MRM of 1 channel,ES-
217 > 171.8
2.881e+005



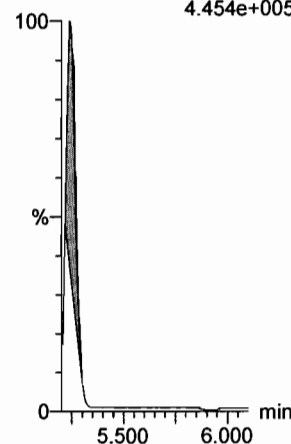
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
1.090e+006



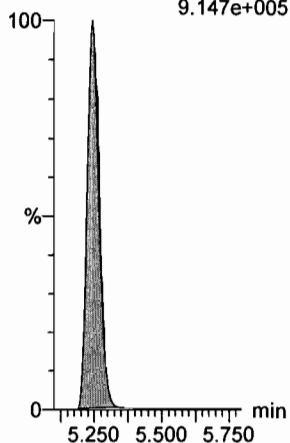
13C2-PFHxDA

F61:MRM of 1 channel,ES-
815 > 769.7
4.454e+005



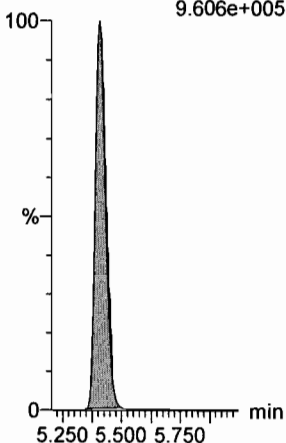
d7-N-MeFOSE

F54:MRM of 1 channel,ES-
623.1 > 58.9
9.147e+005



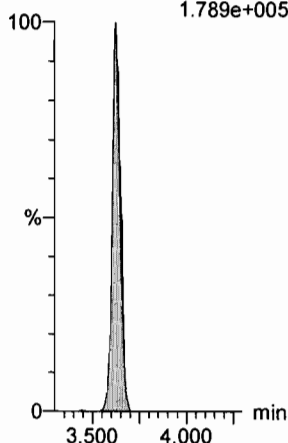
d9-N-EtFOSE

F56:MRM of 1 channel,ES-
639.2 > 58.8
9.606e+005



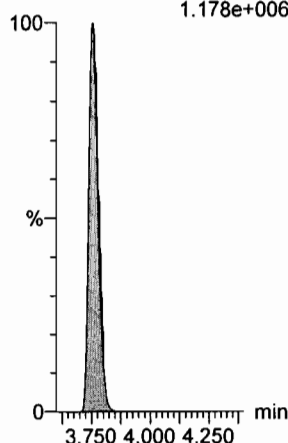
13C3-PFHxS

F17:MRM of 1 channel,ES-
401.9 > 79.9
1.789e+005



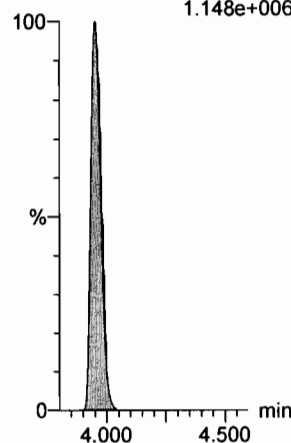
13C8-PFOA

F21:MRM of 1 channel,ES-
421.3 > 376
1.178e+006



13C9-PFNA

F27:MRM of 1 channel,ES-
472.2 > 426.9
1.148e+006



Dataset: U:\Q4.PRO\results\170810M1\170810M2-CRV.qld

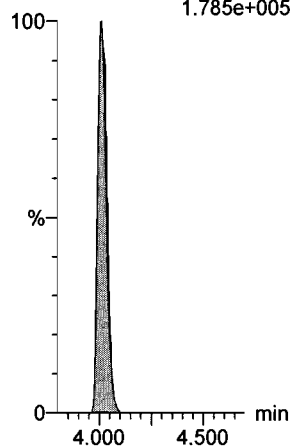
Last Altered: Friday, August 11, 2017 09:12:09 Pacific Daylight Time

Printed: Friday, August 11, 2017 09:27:16 Pacific Daylight Time

Name: 170810M2_11, Date: 10-Aug-2017, Time: 22:09:12, ID: ST170810M2-10 PFC CS7 17H1012, Description: PFC CS7 17H1012

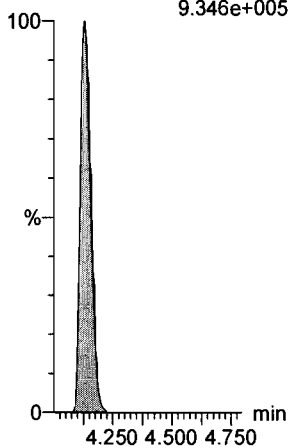
13C4-PFOS

F31:MRM of 1 channel,ES-
503 > 79.9
1.785e+005



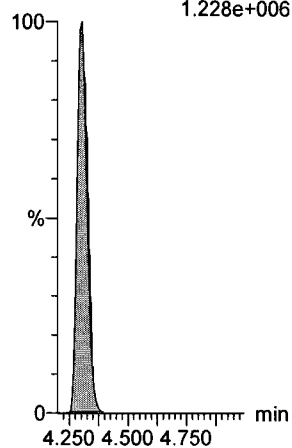
13C6-PFDA

F38:MRM of 1 channel,ES-
519.1 > 473.7
9.346e+005



13C7-PFUnA

F46:MRM of 1 channel,ES-
570.1 > 524.8
1.228e+006



Dataset: U:\Q4.PRO\results\170810M1\170810M2-13.qld

Last Altered: Friday, August 11, 2017 10:32:47 Pacific Daylight Time

Printed: Friday, August 11, 2017 10:35:02 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-10-17.mdb 11 Aug 2017 08:55:25

Calibration: U:\Q4.PRO\CurveDB\IC18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170810M2_13, Date: 10-Aug-2017, Time: 22:30:29, ID: ICV170810M2-1 PFC ICV 17H1020, Description: PFC ICV 17H1020

	# Name	Trace	Area	IS Area	RRF	Pred RT	RT	y Axis Resp.	Conc.	%Rec
1	1 PFBA	213.0 > 168.8	1.58e4	1.65e4		1.90	1.90	11.9	10.9	108.9
2	2 PFPeA	263.1 > 218.9	2.50e4	3.00e4		3.00	2.93	10.4	10.9	109.1
3	3 PFBS	299 > 79.7	4.94e3	3.50e3		3.16	3.10	17.6	10.2	102.0
4	4 PFHxA	313.2 > 268.9	3.88e4	1.21e4		3.35	3.30	16.1	12.2	122.4
5	5 PFHpA	363 > 318.9	4.45e4	4.43e4		3.61	3.55	12.6	10.7	106.6
6	6 PFHxS	398.9 > 79.6	5.19e3	3.78e3		3.65	3.62	17.2	9.76	97.6
7	7 6:2 FTS	427.1 > 407	8.64e3	1.08e4		3.80	3.74	10.0	10.7	107.4
8	8 PFOA	413 > 368.7	5.53e4	6.29e4		3.82	3.75	11.0	11.1	110.5
9	9 PFHpS	448.9 > 98.8	4.60e3	6.29e4		3.80	3.82	0.914	11.5	115.2
10	10 PFNA	462.9 > 418.8	5.12e4	5.49e4		4.02	3.95	11.7	11.4	113.9
11	11 PFOSA	498.1 > 77.8	6.91e3	7.39e3		4.05	3.96	11.7	11.1	111.0
12	12 PFOS	499 > 79.9	9.36e3	1.10e4		4.07	4.01	10.6	9.98	99.8
13	13 PFDA	513 > 468.8	5.63e4	5.29e4		4.21	4.13	13.3	11.7	116.5
14	14 8:2 FTS	527 > 506.9	9.04e3	7.56e3		4.20	4.12	14.9	10.8	108.3
15	15 N-MeFOSAA	570.1 > 419	1.62e4	1.27e4		4.23	4.16	208	10.8	107.7
16	16 N-EtFOSAA	584.2 > 419	1.43e4	1.37e4		4.30	4.23	170	10.8	108.4
17	17 PFUnA	562.9 > 518.9	4.38e4	6.22e4		4.38	4.30	8.80	10.8	107.9
18	18 PFDS	598.9 > 98.7	4.05e3	6.22e4		4.40	4.35	0.815	9.87	98.7
19	19 PFDoA	612.9 > 318.8	4.95e3	6.76e3		4.58	4.48	9.16	10.9	109.4
20	20 N-MeFOSA	512.1 > 168.9		3.08e4		4.56				
21	21 PFTrDA	662.9 > 618.9	6.41e4	6.76e3		4.78	4.66	118	11.7	117.0
22	22 PFTeDA	712.9 > 668.8	4.52e4	4.45e4		4.97	4.86	12.7	11.1	110.9
23	23 N-EtFOSA	526.1 > 168.9		3.80e4		5.03				
24	24 PFHxDA	812.8 > 768.9	2.74e2	2.09e4		5.37	5.24	0.0656		
25	25 PFODA	912.8 > 868.8	3.35e2	2.09e4		5.60	5.60	0.0800		
26	26 N-MeFOSE	616.1 > 58.9		4.35e4		5.30				
27	27 N-EtFOSE	630.1 > 58.9		4.17e4		5.40				
28	28 13C3-PFBA	216.1 > 171.8	1.65e4	1.87e4	0.906	1.90	1.90	11.1	12.2	97.6
29	29 13C3-PFPeA	266 > 221.8	3.00e4	4.18e4	0.284	2.99	2.94	3.59	12.6	101.1
30	30 13C3-PFBS	302 > 98.8	3.50e3	4.18e4	0.033	3.15	3.10	0.418	12.7	101.8
31	31 13C2-PFHxA	315 > 269.8	1.21e4	4.18e4	0.304	3.35	3.30	1.44	4.75	94.9

70-130

Qm
8/11/17

(A)

(B)

50-50

(A) Not present in ICV standard. am 8/11/17

Dataset: U:\Q4.PRO\results\170810M1\170810M2-13.qld

Last Altered: Friday, August 11, 2017 10:32:47 Pacific Daylight Time

Printed: Friday, August 11, 2017 10:35:02 Pacific Daylight Time

Name: 170810M2_13, Date: 10-Aug-2017, Time: 22:30:29, ID: ICV170810M2-1 PFC ICV 17H1020, Description: PFC ICV 17H1020

	# Name	Trace	Area	IS Area	RRF	Pred RT	RT	y Axis Resp.	Conc.	%Rec
32	32 13C4-PFHpA	367.2 > 321.8	4.43e4	4.18e4	0.384	3.61	3.55	5.29	13.8	110.2
33	33 18O2-PFHxS	403 > 102.6	3.78e3	8.56e3	0.417	3.68	3.62	5.52	13.2	105.8
34	34 13C2-6:2 FTS	429.1 > 408.9	1.08e4	6.07e4	0.202	3.80	3.75	2.22	11.0	88.1
35	35 13C2-PFOA	414.9 > 369.7	6.29e4	6.07e4	1.132	3.82	3.75	12.9	11.4	91.5
36	36 13C5-PFNA	468.2 > 422.9	5.49e4	6.37e4	0.946	4.02	3.95	10.8	11.4	91.0
37	37 13C8-PFOSA	506.1 > 77.7	7.39e3	6.42e4	0.119	4.08	3.96	1.44	12.0	96.4
38	38 13C8-PFOS	507 > 79.9	1.10e4	1.05e4	1.040	4.07	4.01	13.1	12.6	101.1
39	39 13C2-PFDA	515.1 > 469.9	5.29e4	5.81e4	0.971	4.21	4.13	11.4	11.7	93.9
40	40 13C2-8:2 FTS	529.1 > 508.7	7.56e3	5.81e4	0.140	4.20	4.12	1.63	11.6	92.8
41	41 d3-N-MeFOSAA	573.3 > 419	1.27e4	6.42e4	0.018	4.23	4.16	2.47	139	85.4
42	42 d5-N-EtFOSAA	589.3 > 419	1.37e4	6.42e4	0.018	4.30	4.22	2.67	146	90.1
43	43 13C2-PFUnA	565 > 519.8	6.22e4	6.42e4	1.085	4.38	4.30	12.1	11.1	89.2
44	44 13C2-PFDoA	615 > 569.7	6.76e3	6.42e4	0.123	4.58	4.48	1.32	10.7	85.5
45	45 d3-N-MeFOSA	515.2 > 168.9	3.08e4	6.42e4	0.043	4.56	4.53	5.99	138	92.3
46	46 13C2-PFTeDA	714.8 > 669.6	4.45e4	6.42e4	0.798	4.97	4.86	8.67	10.9	86.9
47	47 d5-N-ETFOSA	531.1 > 168.9	3.80e4	6.42e4	0.056	5.03	4.97	7.40	133	88.6
48	48 13C2-PFHxDA	815 > 769.7	2.09e4	6.42e4	0.926	5.37	5.24	4.07	4.40	87.9
49	49 d7-N-MeFOSE	623.1 > 58.9	4.35e4	6.42e4	0.059	5.30	5.24	8.46	142	94.9
50	50 d9-N-EtFOSE	639.2 > 58.8	4.17e4	6.42e4	0.059	5.40	5.41	8.12	137	91.1
51	51 13C4-PFBA	217 > 171.8	1.87e4	1.87e4	1.000	1.90	1.90	12.5	12.5	100.0
52	52 13C5-PFHxA	318 > 272.9	4.18e4	4.18e4	1.000	3.35	3.30	5.00	5.00	100.0
53	53 13C3-PFHxS	401.9 > 79.9	8.56e3	8.56e3	1.000	3.68	3.62	12.5	12.5	100.0
54	54 13C8-PFOA	421.3 > 376	6.07e4	6.07e4	1.000	3.82	3.76	12.5	12.5	100.0
55	55 13C9-PFNA	472.2 > 426.9	6.37e4	6.37e4	1.000	4.02	3.95	12.5	12.5	100.0
56	56 13C4-PFOS	503 > 79.9	1.05e4	1.05e4	1.000	4.07	4.01	12.5	12.5	100.0
57	57 13C6-PFDA	519.1 > 473.7	5.81e4	5.81e4	1.000	4.21	4.13	12.5	12.5	100.0
58	58 13C7-PFUnA	570.1 > 524.8	6.42e4	6.42e4	1.000	4.38	4.30	12.5	12.5	100.0

Ⓟ at of window, not used. on 8/11/17

Dataset: U:\Q4.PRO\results\170810M1\170810M2-13.qld

Last Altered: Friday, August 11, 2017 10:32:47 Pacific Daylight Time

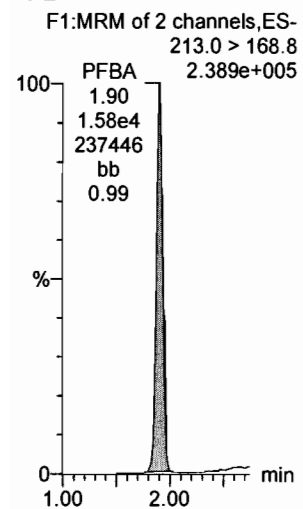
Printed: Friday, August 11, 2017 10:35:02 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-10-17.mdb 11 Aug 2017 08:55:25

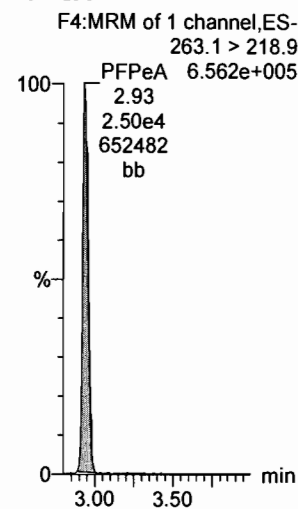
Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170810M2_13, Date: 10-Aug-2017, Time: 22:30:29, ID: ICV170810M2-1 PFC ICV 17H1020, Description: PFC ICV 17H1020

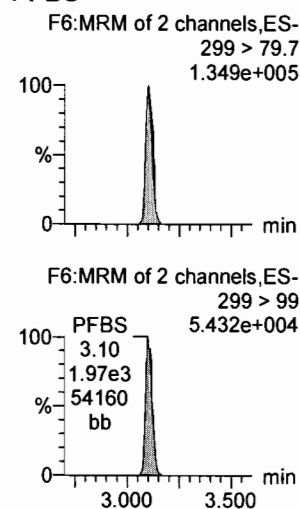
PFBA



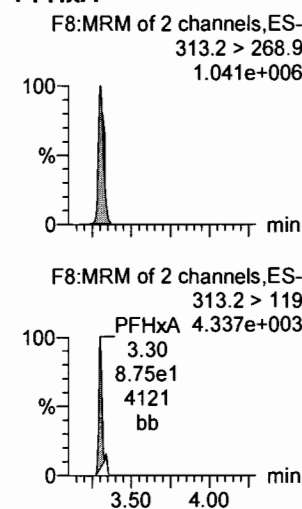
PFPeA



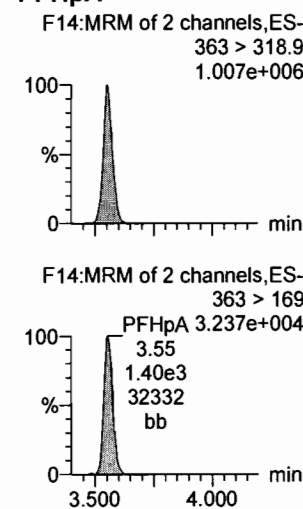
PFBS



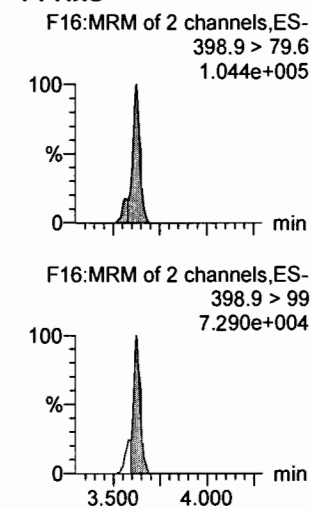
PFHxA



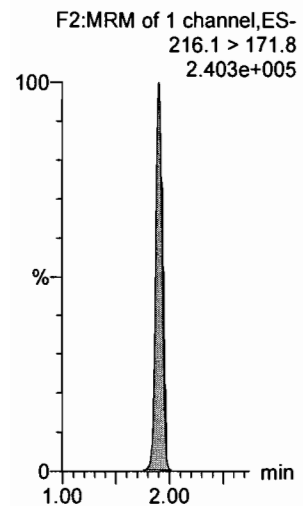
PFHpA



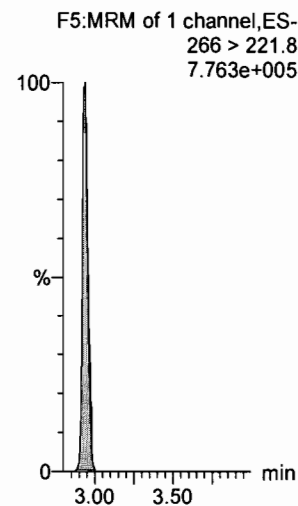
PFHxS



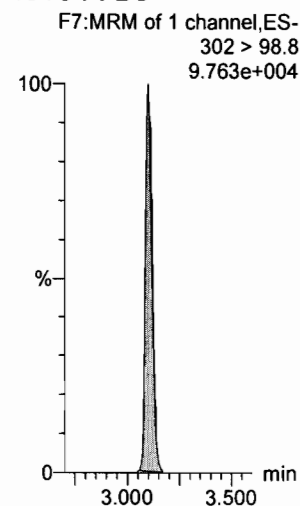
13C3-PFBA



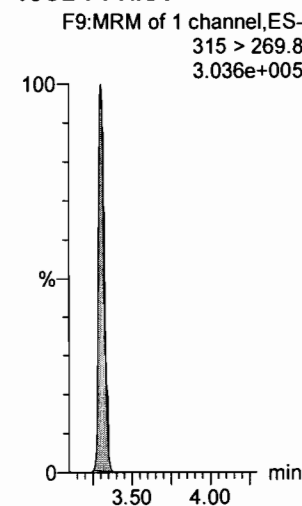
13C3-PFPeA



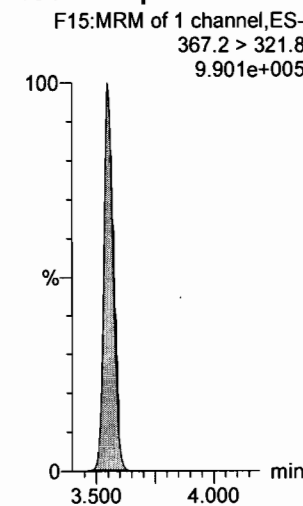
13C3-PFBS



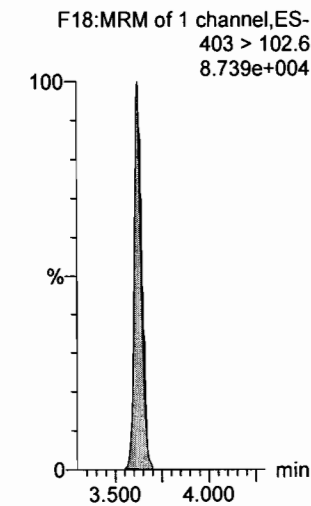
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



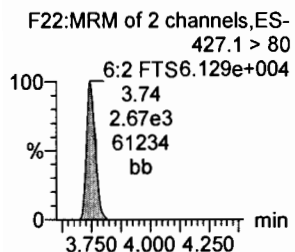
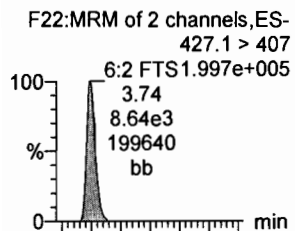
Dataset: U:\Q4.PRO\results\170810M1\170810M2-13.qld

Last Altered: Friday, August 11, 2017 10:32:47 Pacific Daylight Time

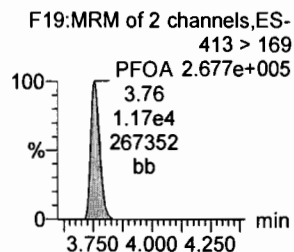
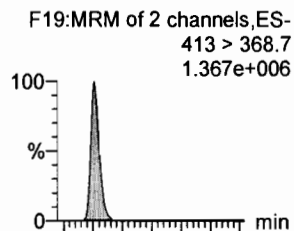
Printed: Friday, August 11, 2017 10:35:02 Pacific Daylight Time

Name: 170810M2_13, Date: 10-Aug-2017, Time: 22:30:29, ID: ICV170810M2-1 PFC ICV 17H1020, Description: PFC ICV 17H1020

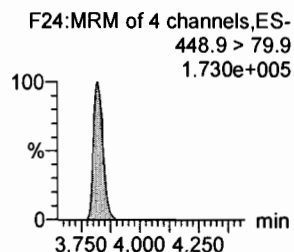
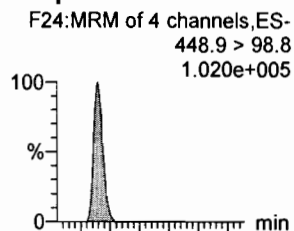
6:2 FTS



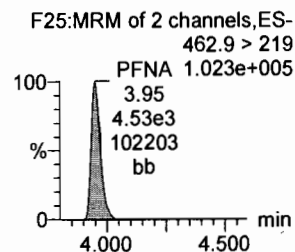
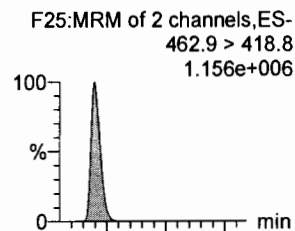
PFOA



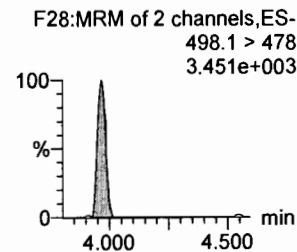
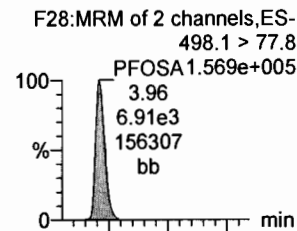
PFHpS



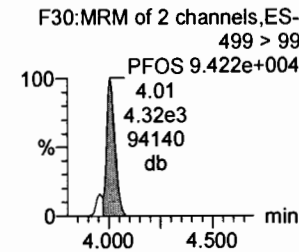
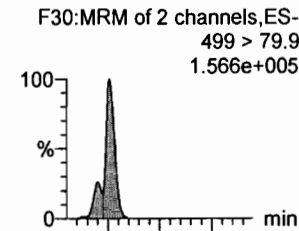
PFNA



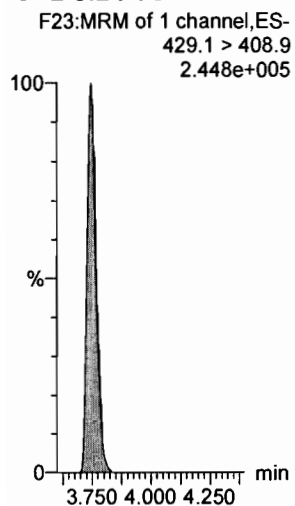
PFOSA



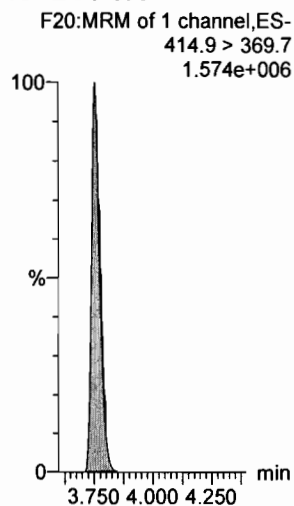
PFOS



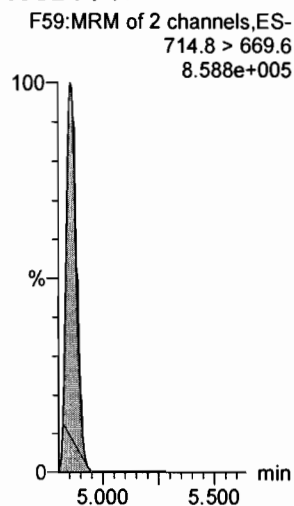
13C2-6:2 FTS



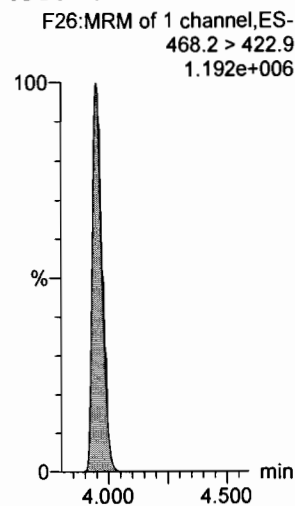
13C2-PFOA



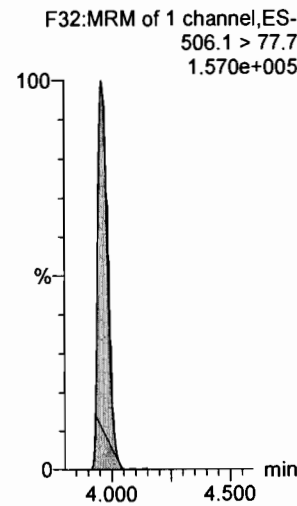
13C2-PFTeDA



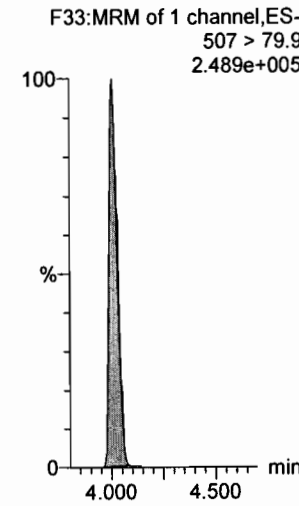
13C5-PFNA



13C8-PFOSA



13C8-PFOS



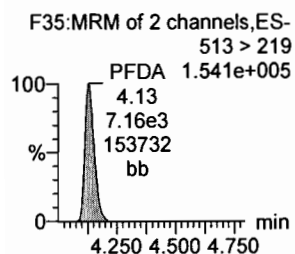
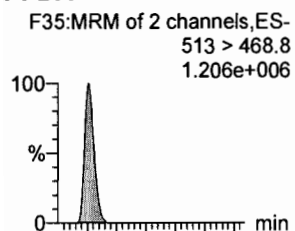
Dataset: U:\Q4.PRO\results\170810M1\170810M2-13.qld

Last Altered: Friday, August 11, 2017 10:32:47 Pacific Daylight Time

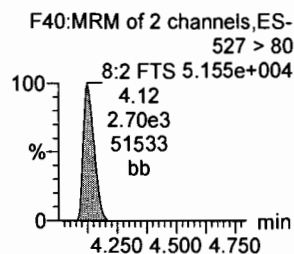
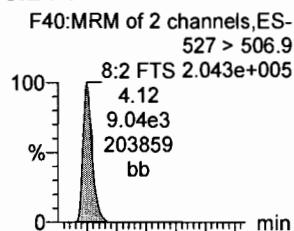
Printed: Friday, August 11, 2017 10:35:02 Pacific Daylight Time

Name: 170810M2_13, Date: 10-Aug-2017, Time: 22:30:29, ID: ICV170810M2-1 PFC ICV 17H1020, Description: PFC ICV 17H1020

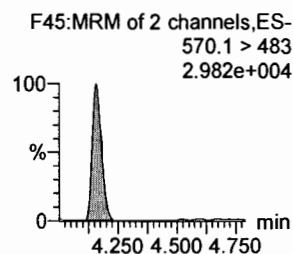
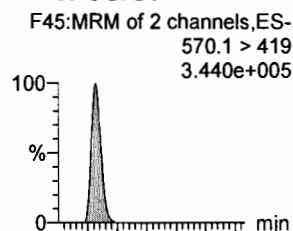
PFDA



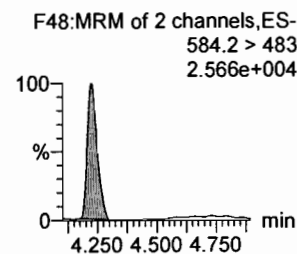
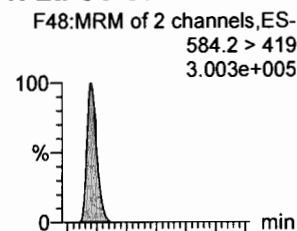
8:2 FTS



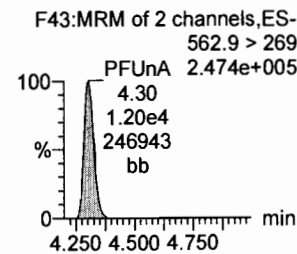
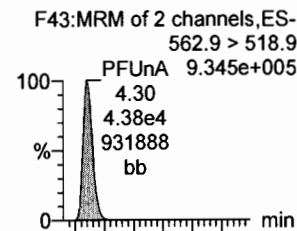
N-MeFOSAA



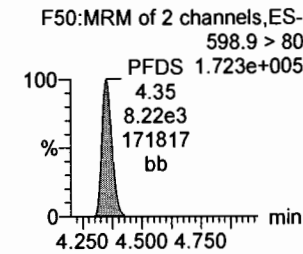
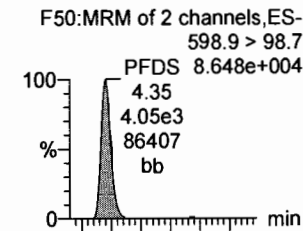
N-EtFOSAA



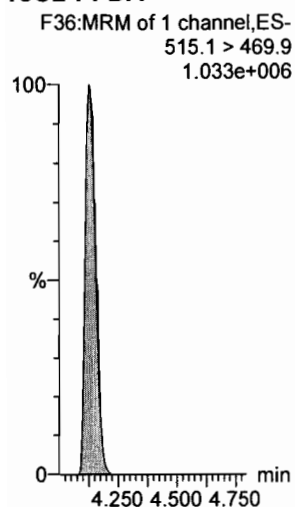
PFUnA



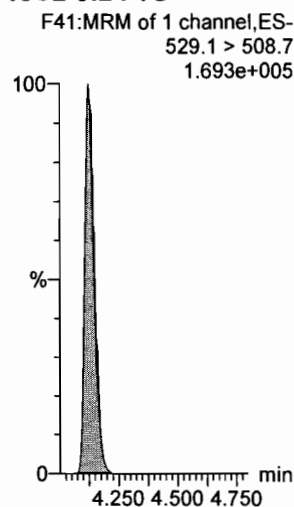
PFDS



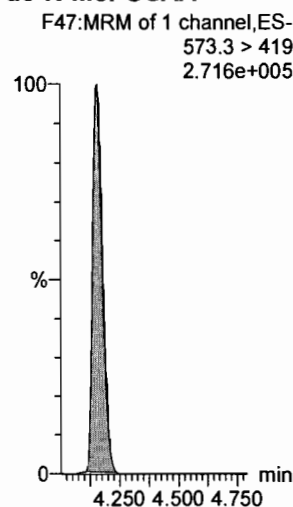
13C2-PFDA



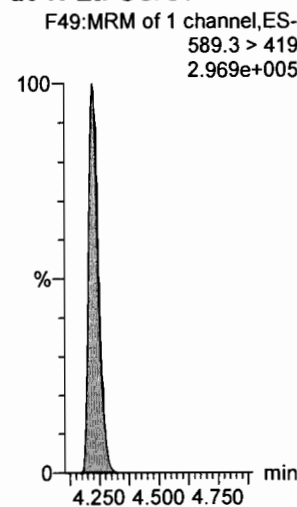
13C2-8:2 FTS



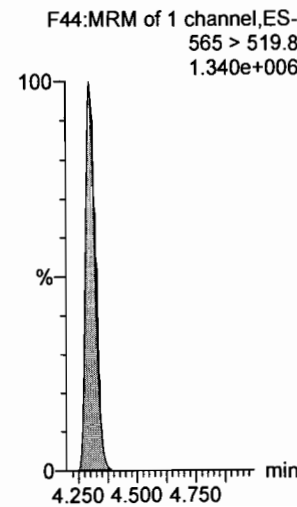
d3-N-MeFOSAA



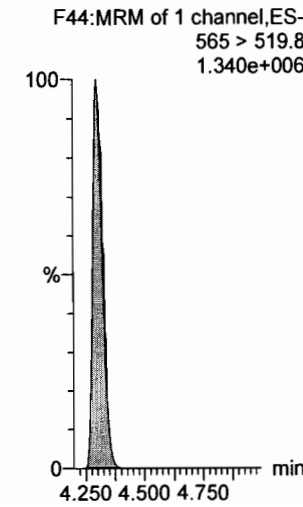
d5-N-EtFOSAA



13C2-PFUnA



13C2-PFUnA



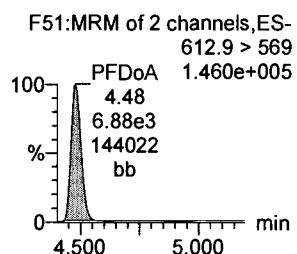
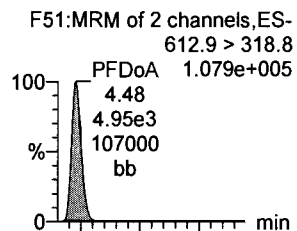
Dataset: U:\Q4.PRO\results\170810M1\170810M2-13.qld

Last Altered: Friday, August 11, 2017 10:32:47 Pacific Daylight Time

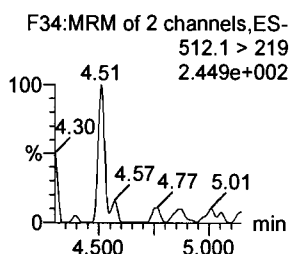
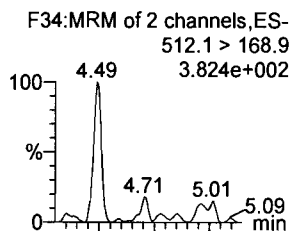
Printed: Friday, August 11, 2017 10:35:02 Pacific Daylight Time

Name: 170810M2_13, Date: 10-Aug-2017, Time: 22:30:29, ID: ICV170810M2-1 PFC ICV 17H1020, Description: PFC ICV 17H1020

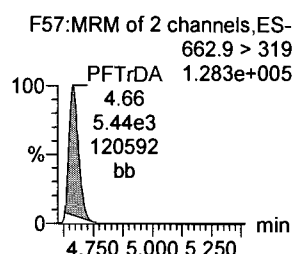
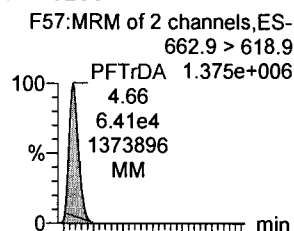
PFDaA



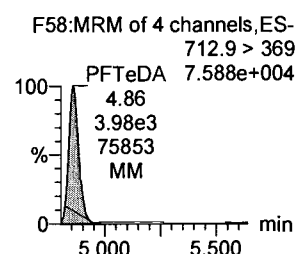
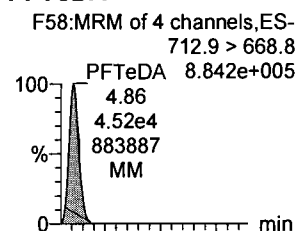
N-MeFOSA



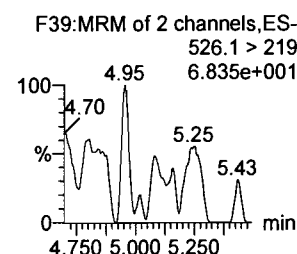
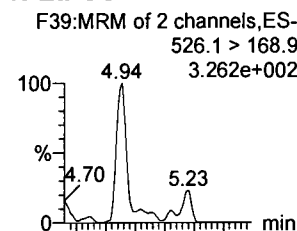
PFTTrDA



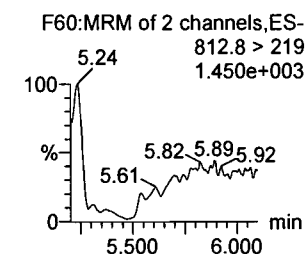
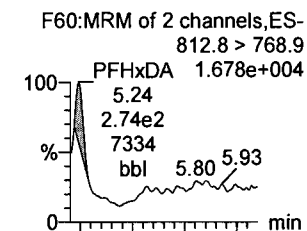
PFTeDA



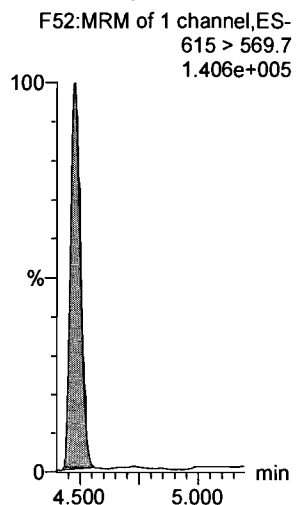
N-EtFOSA



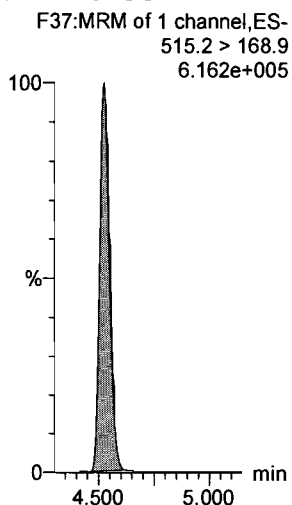
PFHxDA



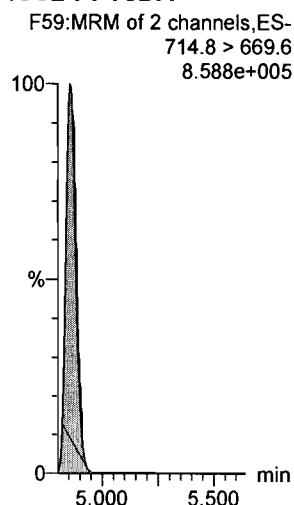
13C2-PFDaA



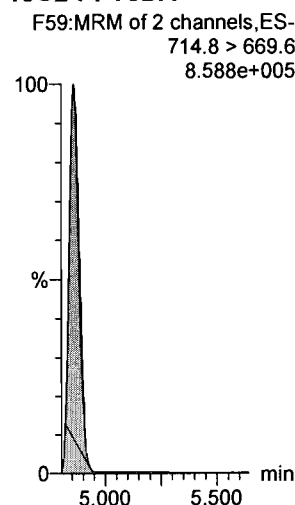
d3-N-MeFOSA



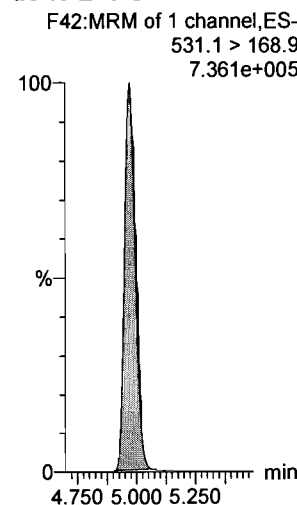
13C2-PFTeDA



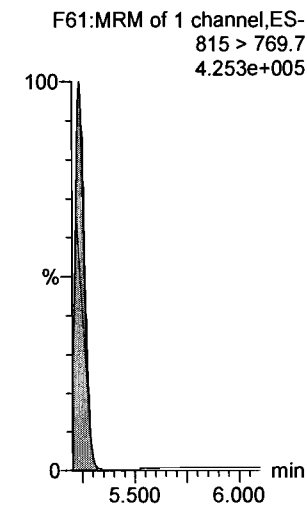
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



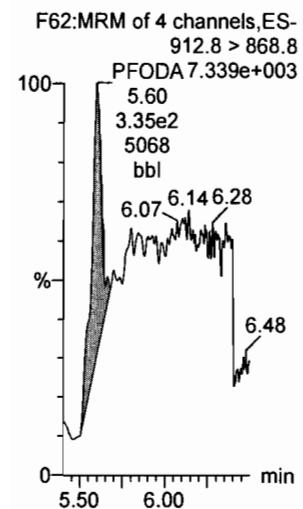
Dataset: U:\Q4.PRO\results\170810M1\170810M2-13.qld

Last Altered: Friday, August 11, 2017 10:32:47 Pacific Daylight Time

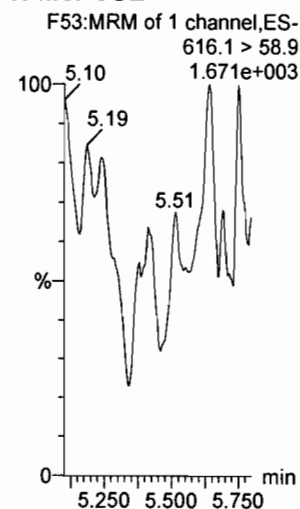
Printed: Friday, August 11, 2017 10:35:02 Pacific Daylight Time

Name: 170810M2_13, Date: 10-Aug-2017, Time: 22:30:29, ID: ICV170810M2-1 PFC ICV 17H1020, Description: PFC ICV 17H1020

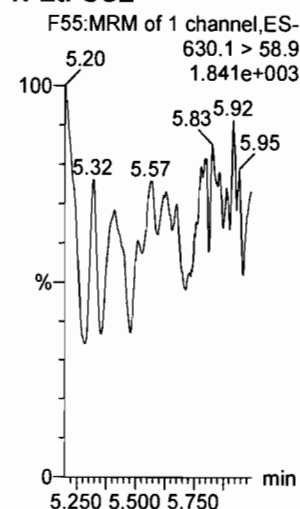
PFODA



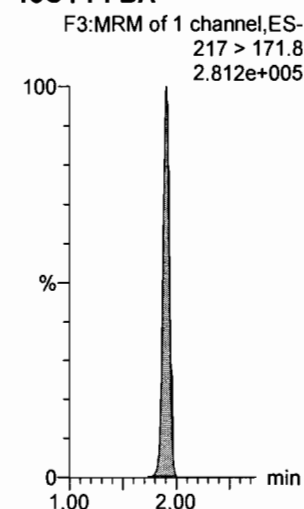
N-MeFOSE



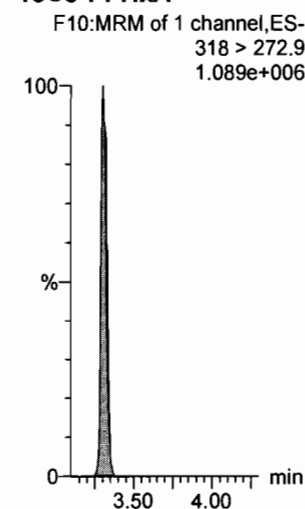
N-EtFOSE



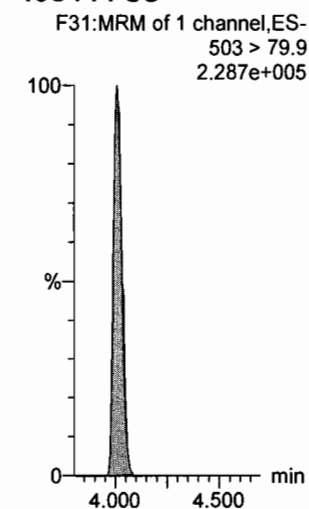
13C4-PFBA



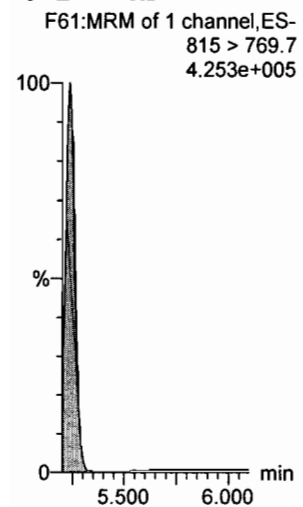
13C5-PFHxA



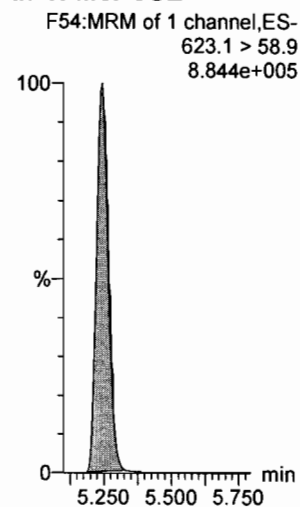
13C4-PFOS



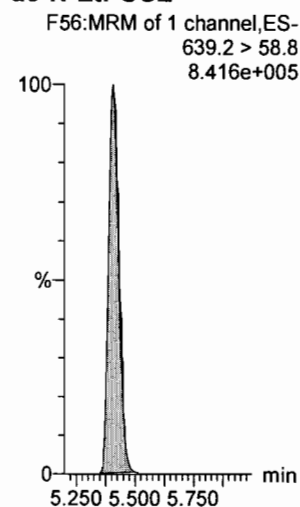
13C2-PFHxDa



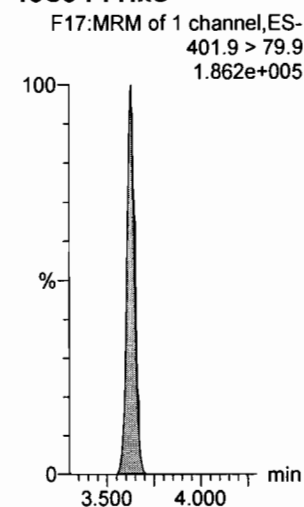
d7-N-MeFOSE



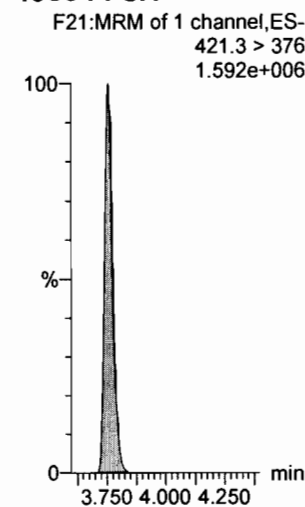
d9-N-EtFOSE



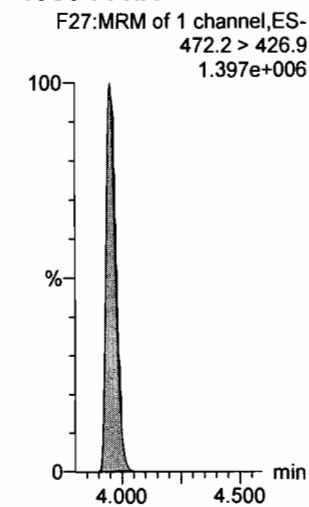
13C3-PFHxS



13C8-PFOA



13C9-PFNA



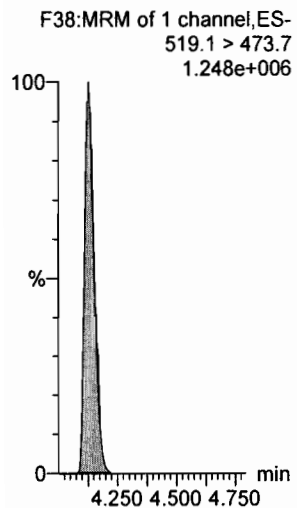
Dataset: U:\Q4.PRO\results\170810M1\170810M2-13.qld

Last Altered: Friday, August 11, 2017 10:32:47 Pacific Daylight Time

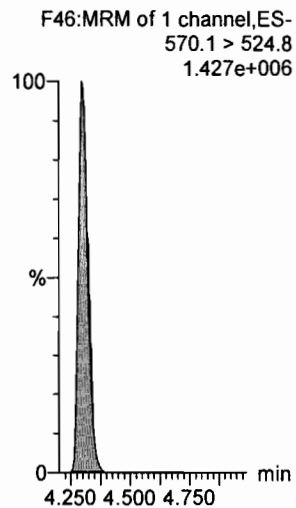
Printed: Friday, August 11, 2017 10:35:02 Pacific Daylight Time

Name: 170810M2_13, Date: 10-Aug-2017, Time: 22:30:29, ID: ICV170810M2-1 PFC ICV 17H1020, Description: PFC ICV 17H1020

13C6-PFDA



13C7-PFUnA



Vista Analytical Laboratory

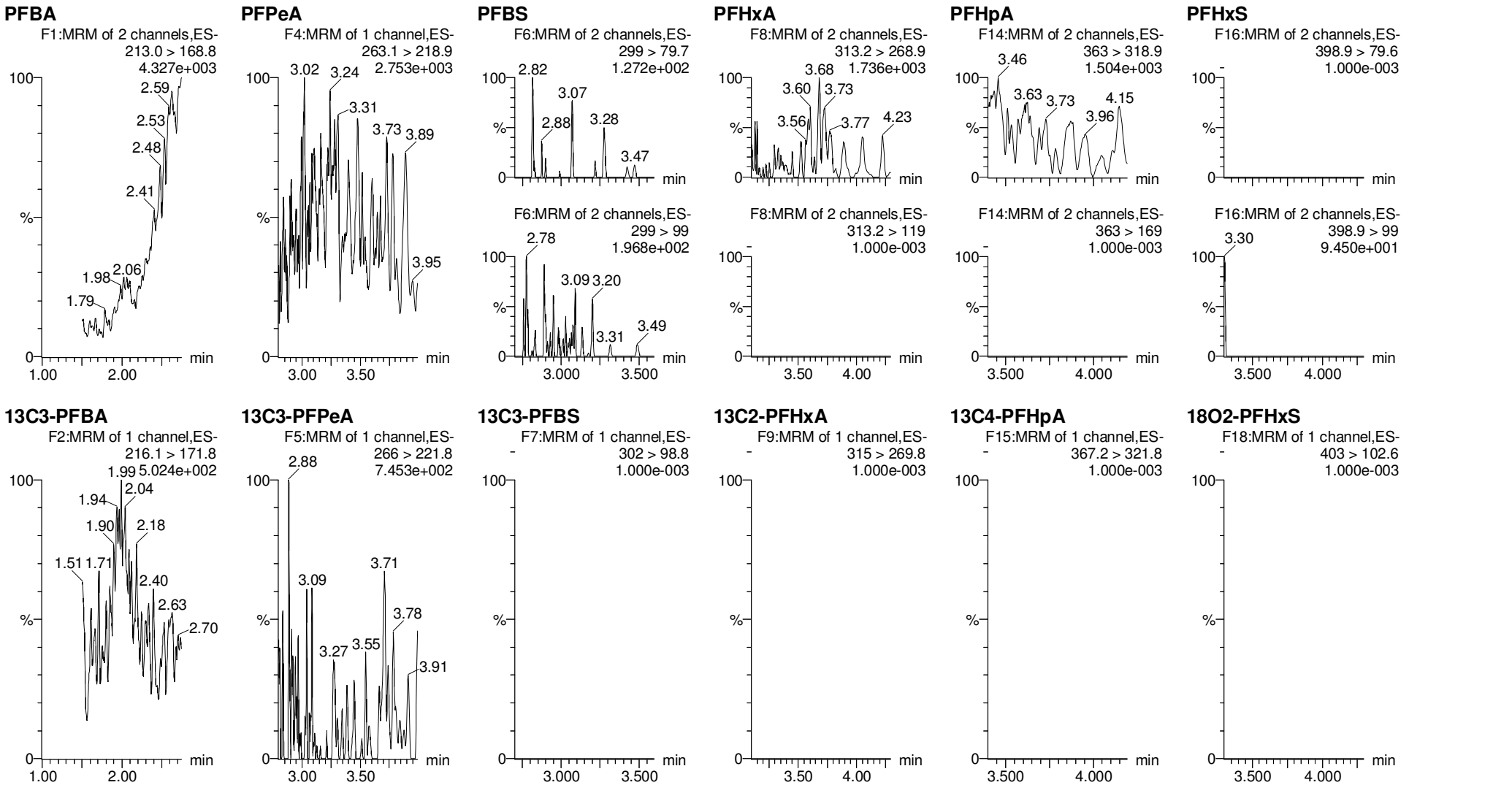
Dataset: U:\Q4.PRO\results\170810M1\170810M2-12.qld

Last Altered: Friday, August 11, 2017 10:12:48 Pacific Daylight Time

Printed: Friday, August 11, 2017 10:13:44 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-10-17.mdb 11 Aug 2017 08:55:25
Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

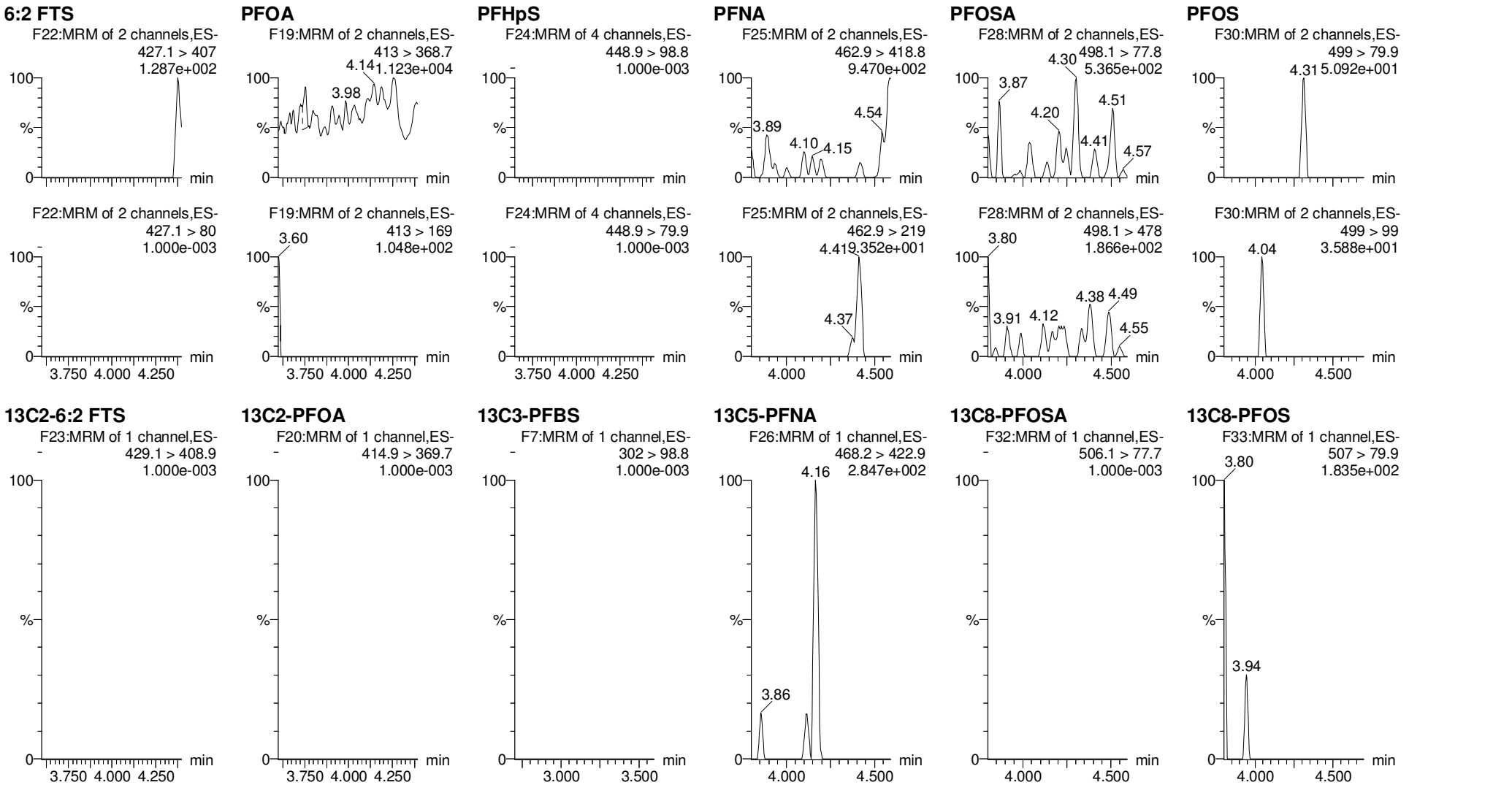
Name: 170810M2_12, Date: 10-Aug-2017, Time: 22:19:51, ID: IPA, Description: IPA



Dataset: U:\Q4.PRO\results\170810M1\170810M2-12.qld

Last Altered: Friday, August 11, 2017 10:12:48 Pacific Daylight Time
Printed: Friday, August 11, 2017 10:13:44 Pacific Daylight Time

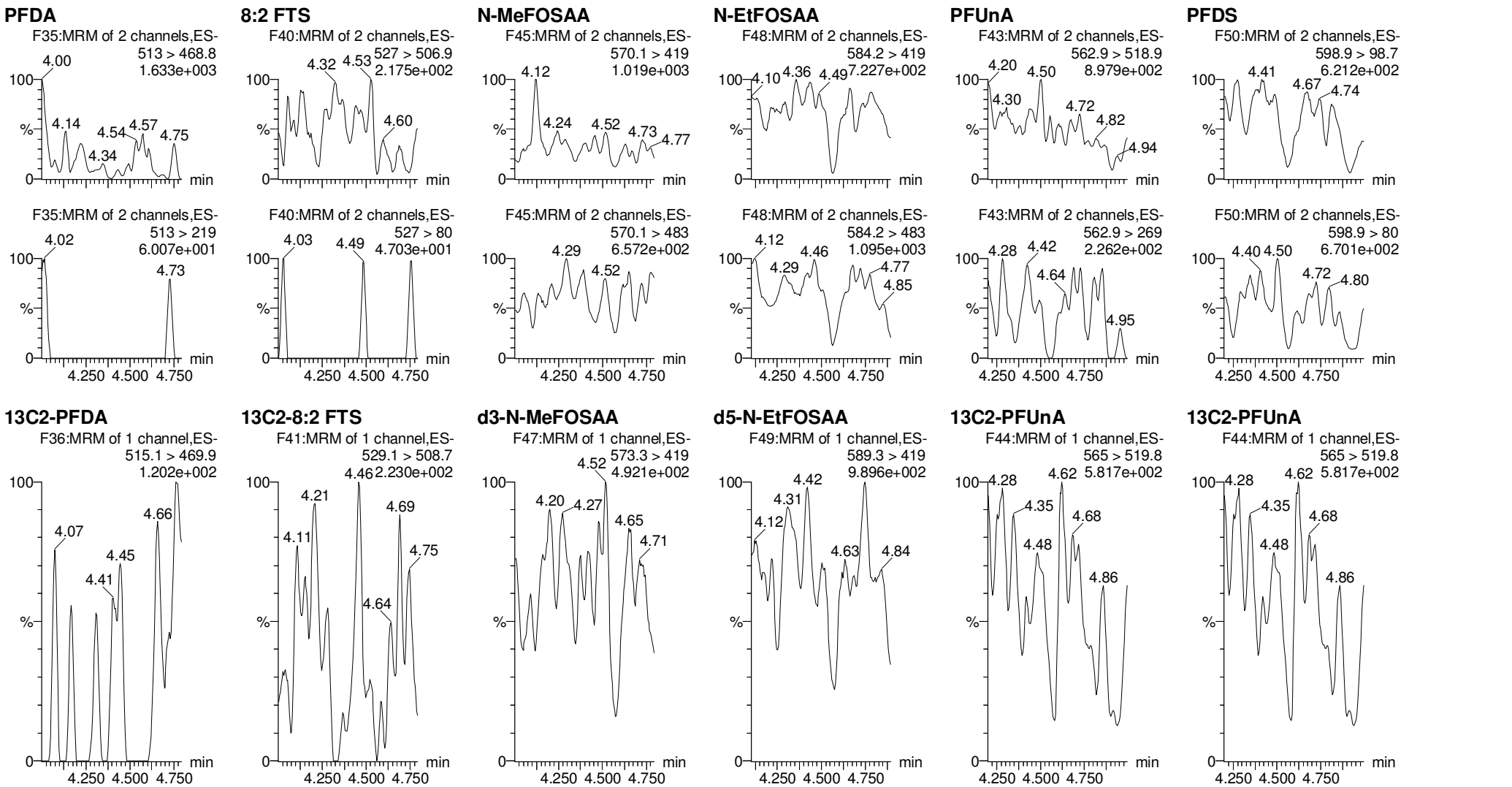
Name: 170810M2_12, Date: 10-Aug-2017, Time: 22:19:51, ID: IPA, Description: IPA



Dataset: U:\Q4.PRO\results\170810M1\170810M2-12.qld

Last Altered: Friday, August 11, 2017 10:12:48 Pacific Daylight Time
Printed: Friday, August 11, 2017 10:13:44 Pacific Daylight Time

Name: 170810M2_12, Date: 10-Aug-2017, Time: 22:19:51, ID: IPA, Description: IPA



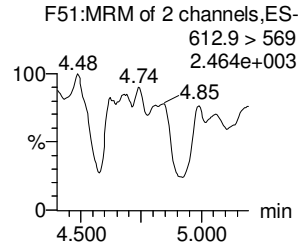
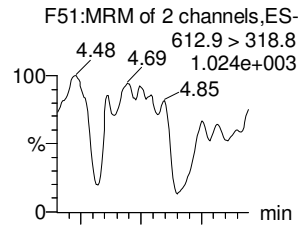
Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\170810M1\170810M2-12.qld

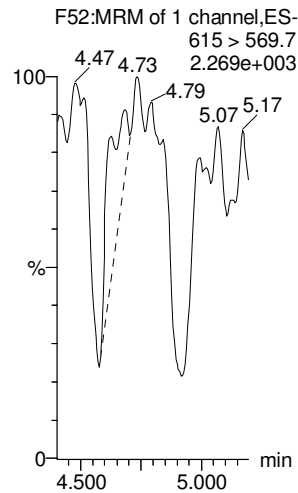
Last Altered: Friday, August 11, 2017 10:12:48 Pacific Daylight Time
Printed: Friday, August 11, 2017 10:13:44 Pacific Daylight Time

Name: 170810M2_12, Date: 10-Aug-2017, Time: 22:19:51, ID: IPA, Description: IPA

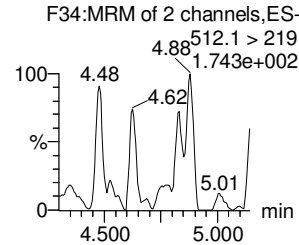
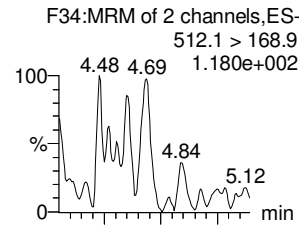
PFD_oA



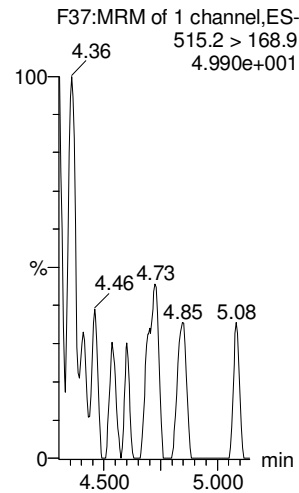
13C2-PFD_oA



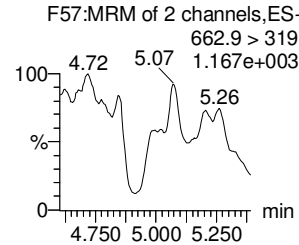
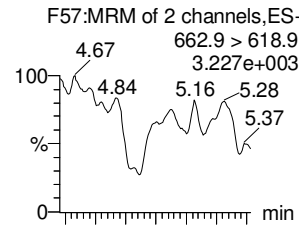
N-MeFOSA



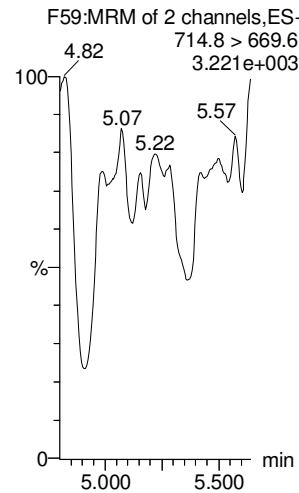
d3-N-MeFOSA



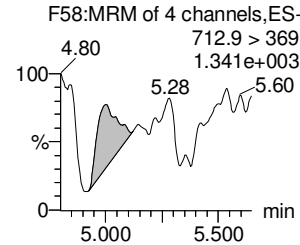
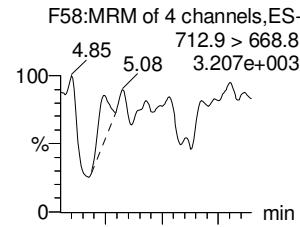
PFT_rDA



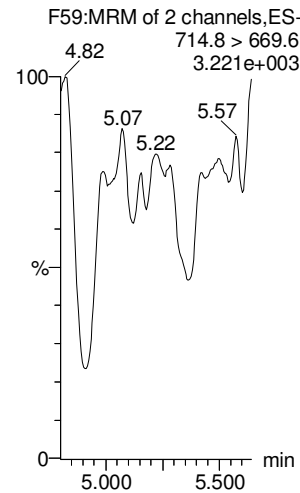
13C2-PFT_rDA



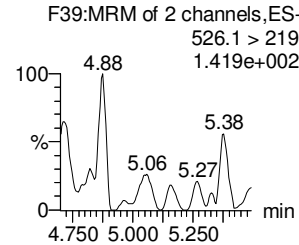
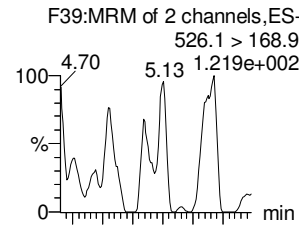
PFT_eDA



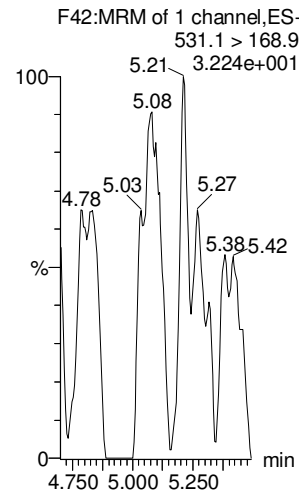
13C2-PFT_eDA



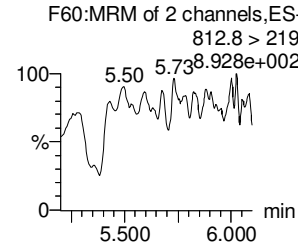
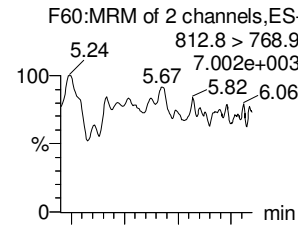
N-EtFOSA



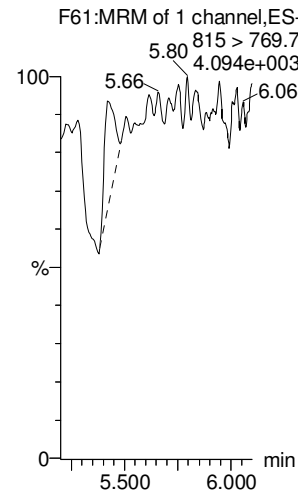
d5-N-ETFOSA



PFH_xDA



13C2-PFH_xDA



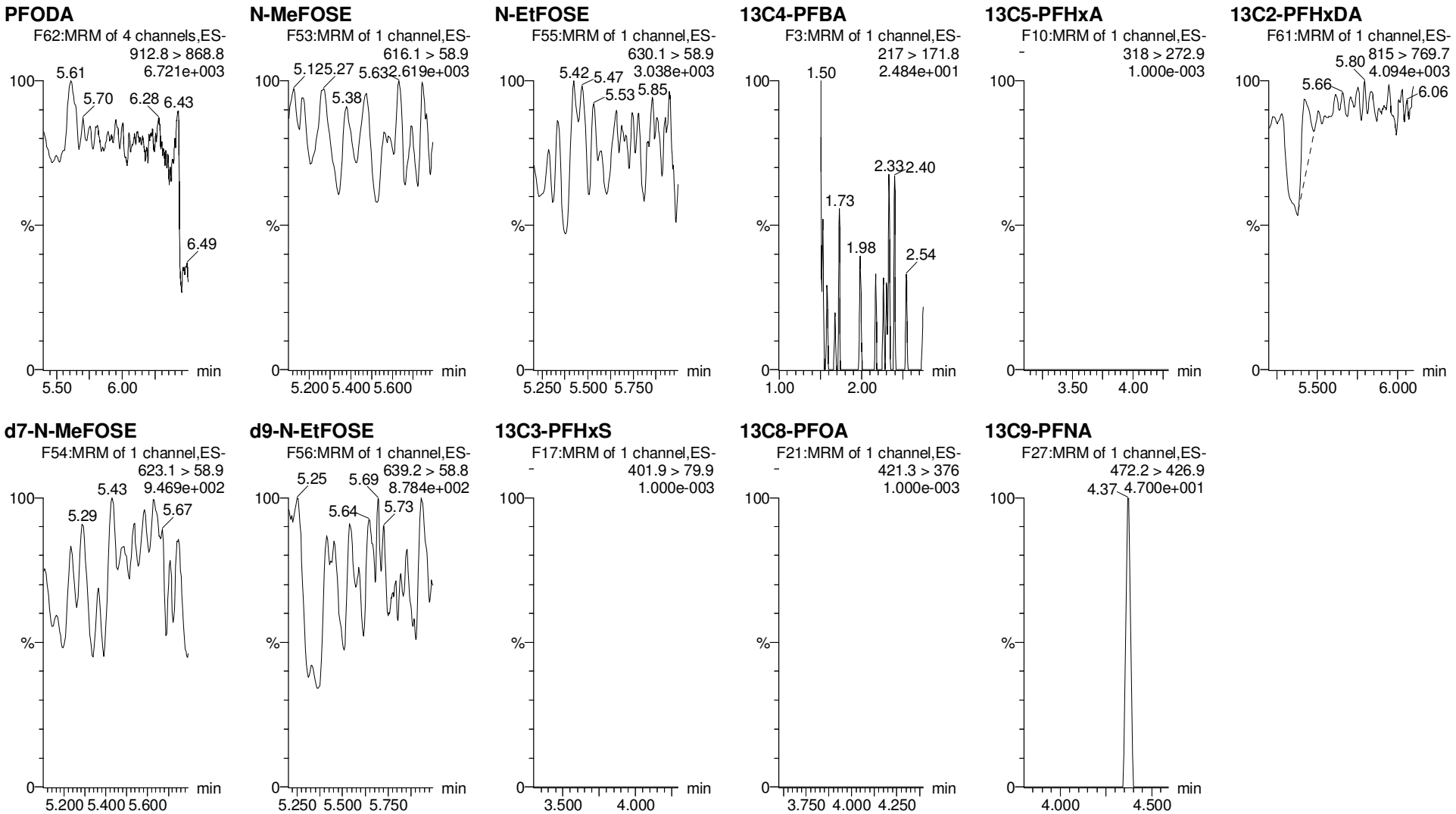
Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\170810M1\170810M2-12.qld

Last Altered: Friday, August 11, 2017 10:12:48 Pacific Daylight Time

Printed: Friday, August 11, 2017 10:13:44 Pacific Daylight Time

Name: 170810M2_12, Date: 10-Aug-2017, Time: 22:19:51, ID: IPA, Description: IPA

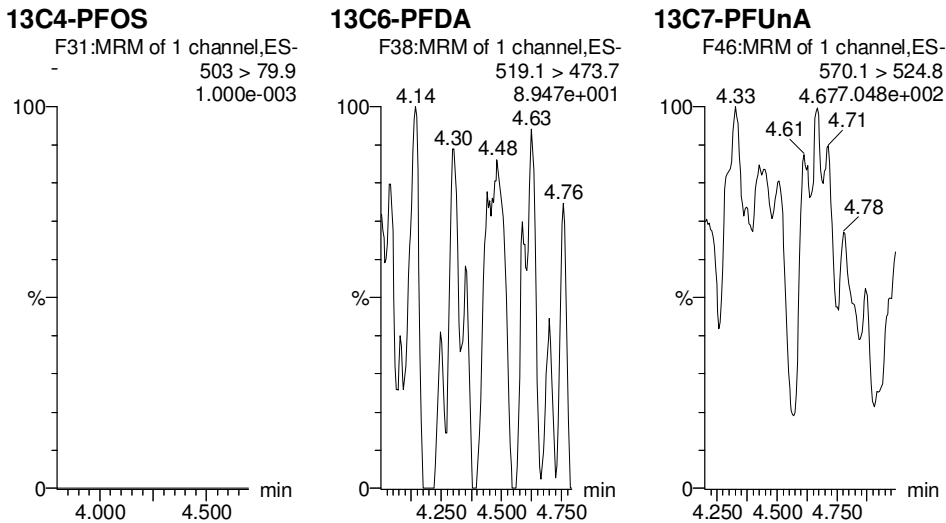


Dataset: U:\Q4.PRO\results\170810M1\170810M2-12.qld

Last Altered: Friday, August 11, 2017 10:12:48 Pacific Daylight Time

Printed: Friday, August 11, 2017 10:13:44 Pacific Daylight Time

Name: 170810M2_12, Date: 10-Aug-2017, Time: 22:19:51, ID: IPA, Description: IPA



Dataset: U:\Q4.PRO\results\170810M1\170810M2-13.qld

Last Altered: Friday, August 11, 2017 10:32:47 Pacific Daylight Time

Printed: Friday, August 11, 2017 10:35:02 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-10-17.mdb 11 Aug 2017 08:55:25

Calibration: U:\Q4.PRO\CurveDB\IC18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170810M2_13, Date: 10-Aug-2017, Time: 22:30:29, ID: ICV170810M2-1 PFC ICV 17H1020, Description: PFC ICV 17H1020

	# Name	Trace	Area	IS Area	RRF	Pred RT	RT	y Axis Resp.	Conc.	%Rec
1	1 PFBA	213.0 > 168.8	1.58e4	1.65e4		1.90	1.90	11.9	10.9	108.9
2	2 PFPeA	263.1 > 218.9	2.50e4	3.00e4		3.00	2.93	10.4	10.9	109.1
3	3 PFBS	299 > 79.7	4.94e3	3.50e3		3.16	3.10	17.6	10.2	102.0
4	4 PFHxA	313.2 > 268.9	3.88e4	1.21e4		3.35	3.30	16.1	12.2	122.4
5	5 PFHpA	363 > 318.9	4.45e4	4.43e4		3.61	3.55	12.6	10.7	106.6
6	6 PFHxS	398.9 > 79.6	5.19e3	3.78e3		3.65	3.62	17.2	9.76	97.6
7	7 6:2 FTS	427.1 > 407	8.64e3	1.08e4		3.80	3.74	10.0	10.7	107.4
8	8 PFOA	413 > 368.7	5.53e4	6.29e4		3.82	3.75	11.0	11.1	110.5
9	9 PFHpS	448.9 > 98.8	4.60e3	6.29e4		3.80	3.82	0.914	11.5	115.2
10	10 PFNA	462.9 > 418.8	5.12e4	5.49e4		4.02	3.95	11.7	11.4	113.9
11	11 PFOSA	498.1 > 77.8	6.91e3	7.39e3		4.05	3.96	11.7	11.1	111.0
12	12 PFOS	499 > 79.9	9.36e3	1.10e4		4.07	4.01	10.6	9.98	99.8
13	13 PFDA	513 > 468.8	5.63e4	5.29e4		4.21	4.13	13.3	11.7	116.5
14	14 8:2 FTS	527 > 506.9	9.04e3	7.56e3		4.20	4.12	14.9	10.8	108.3
15	15 N-MeFOSAA	570.1 > 419	1.62e4	1.27e4		4.23	4.16	208	10.8	107.7
16	16 N-EtFOSAA	584.2 > 419	1.43e4	1.37e4		4.30	4.23	170	10.8	108.4
17	17 PFUnA	562.9 > 518.9	4.38e4	6.22e4		4.38	4.30	8.80	10.8	107.9
18	18 PFDS	598.9 > 98.7	4.05e3	6.22e4		4.40	4.35	0.815	9.87	98.7
19	19 PFDoA	612.9 > 318.8	4.95e3	6.76e3		4.58	4.48	9.16	10.9	109.4
20	20 N-MeFOSA	512.1 > 168.9		3.08e4		4.56				
21	21 PFTrDA	662.9 > 618.9	6.41e4	6.76e3		4.78	4.66	118	11.7	117.0
22	22 PFTeDA	712.9 > 668.8	4.52e4	4.45e4		4.97	4.86	12.7	11.1	110.9
23	23 N-EtFOSA	526.1 > 168.9		3.80e4		5.03				
24	24 PFHxDA	812.8 > 768.9	2.74e2	2.09e4		5.37	5.24	0.0656		
25	25 PFODA	912.8 > 868.8	3.35e2	2.09e4		5.60	5.60	0.0800		
26	26 N-MeFOSE	616.1 > 58.9		4.35e4		5.30				
27	27 N-EtFOSE	630.1 > 58.9		4.17e4		5.40				
28	28 13C3-PFBA	216.1 > 171.8	1.65e4	1.87e4	0.906	1.90	1.90	11.1	12.2	97.6
29	29 13C3-PFPeA	266 > 221.8	3.00e4	4.18e4	0.284	2.99	2.94	3.59	12.6	101.1
30	30 13C3-PFBS	302 > 98.8	3.50e3	4.18e4	0.033	3.15	3.10	0.418	12.7	101.8
31	31 13C2-PFHxA	315 > 269.8	1.21e4	4.18e4	0.304	3.35	3.30	1.44	4.75	94.9

70-130

Qm
8/11/17

(A)

(B)

50-60

(A) Not present in ICV standard. am 8/11/17

Dataset: U:\Q4.PRO\results\170810M1\170810M2-13.qld

Last Altered: Friday, August 11, 2017 10:32:47 Pacific Daylight Time

Printed: Friday, August 11, 2017 10:35:02 Pacific Daylight Time

Name: 170810M2_13, Date: 10-Aug-2017, Time: 22:30:29, ID: ICV170810M2-1 PFC ICV 17H1020, Description: PFC ICV 17H1020

	# Name	Trace	Area	IS Area	RRF	Pred RT	RT	y Axis Resp.	Conc.	%Rec
32	32 13C4-PFHpA	367.2 > 321.8	4.43e4	4.18e4	0.384	3.61	3.55	5.29	13.8	110.2
33	33 18O2-PFHxS	403 > 102.6	3.78e3	8.56e3	0.417	3.68	3.62	5.52	13.2	105.8
34	34 13C2-6:2 FTS	429.1 > 408.9	1.08e4	6.07e4	0.202	3.80	3.75	2.22	11.0	88.1
35	35 13C2-PFOA	414.9 > 369.7	6.29e4	6.07e4	1.132	3.82	3.75	12.9	11.4	91.5
36	36 13C5-PFNA	468.2 > 422.9	5.49e4	6.37e4	0.946	4.02	3.95	10.8	11.4	91.0
37	37 13C8-PFOSA	506.1 > 77.7	7.39e3	6.42e4	0.119	4.08	3.96	1.44	12.0	96.4
38	38 13C8-PFOS	507 > 79.9	1.10e4	1.05e4	1.040	4.07	4.01	13.1	12.6	101.1
39	39 13C2-PFDA	515.1 > 469.9	5.29e4	5.81e4	0.971	4.21	4.13	11.4	11.7	93.9
40	40 13C2-8:2 FTS	529.1 > 508.7	7.56e3	5.81e4	0.140	4.20	4.12	1.63	11.6	92.8
41	41 d3-N-MeFOSAA	573.3 > 419	1.27e4	6.42e4	0.018	4.23	4.16	2.47	139	85.4
42	42 d5-N-EtFOSAA	589.3 > 419	1.37e4	6.42e4	0.018	4.30	4.22	2.67	146	90.1
43	43 13C2-PFUnA	565 > 519.8	6.22e4	6.42e4	1.085	4.38	4.30	12.1	11.1	89.2
44	44 13C2-PFDoA	615 > 569.7	6.76e3	6.42e4	0.123	4.58	4.48	1.32	10.7	85.5
45	45 d3-N-MeFOSA	515.2 > 168.9	3.08e4	6.42e4	0.043	4.56	4.53	5.99	138	92.3
46	46 13C2-PFTeDA	714.8 > 669.6	4.45e4	6.42e4	0.798	4.97	4.86	8.67	10.9	86.9
47	47 d5-N-ETFOSA	531.1 > 168.9	3.80e4	6.42e4	0.056	5.03	4.97	7.40	133	88.6
48	48 13C2-PFHxDA	815 > 769.7	2.09e4	6.42e4	0.926	5.37	5.24	4.07	4.40	87.9
49	49 d7-N-MeFOSE	623.1 > 58.9	4.35e4	6.42e4	0.059	5.30	5.24	8.46	142	94.9
50	50 d9-N-EtFOSE	639.2 > 58.8	4.17e4	6.42e4	0.059	5.40	5.41	8.12	137	91.1
51	51 13C4-PFBA	217 > 171.8	1.87e4	1.87e4	1.000	1.90	1.90	12.5	12.5	100.0
52	52 13C5-PFHxA	318 > 272.9	4.18e4	4.18e4	1.000	3.35	3.30	5.00	5.00	100.0
53	53 13C3-PFHxS	401.9 > 79.9	8.56e3	8.56e3	1.000	3.68	3.62	12.5	12.5	100.0
54	54 13C8-PFOA	421.3 > 376	6.07e4	6.07e4	1.000	3.82	3.76	12.5	12.5	100.0
55	55 13C9-PFNA	472.2 > 426.9	6.37e4	6.37e4	1.000	4.02	3.95	12.5	12.5	100.0
56	56 13C4-PFOS	503 > 79.9	1.05e4	1.05e4	1.000	4.07	4.01	12.5	12.5	100.0
57	57 13C6-PFDA	519.1 > 473.7	5.81e4	5.81e4	1.000	4.21	4.13	12.5	12.5	100.0
58	58 13C7-PFUnA	570.1 > 524.8	6.42e4	6.42e4	1.000	4.38	4.30	12.5	12.5	100.0

Ⓟ at of window, not used. on 8/11/17

Dataset: U:\Q4.PRO\results\170810M1\170810M2-13.qld

Last Altered: Friday, August 11, 2017 10:32:47 Pacific Daylight Time

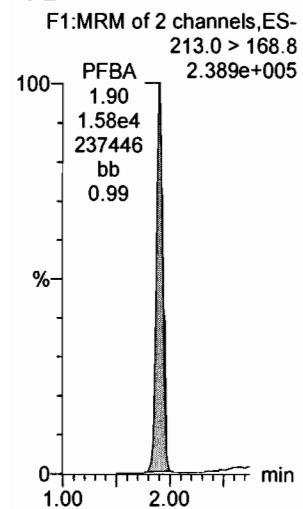
Printed: Friday, August 11, 2017 10:35:02 Pacific Daylight Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_8-10-17.mdb 11 Aug 2017 08:55:25

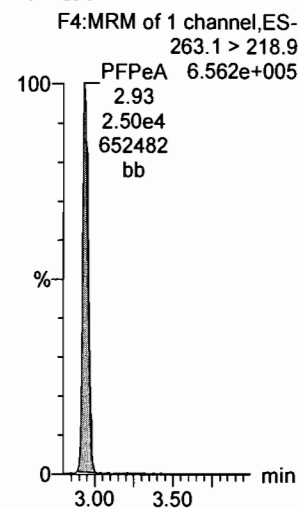
Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_8-10-17-FULL.cdb 11 Aug 2017 09:29:36

Name: 170810M2_13, Date: 10-Aug-2017, Time: 22:30:29, ID: ICV170810M2-1 PFC ICV 17H1020, Description: PFC ICV 17H1020

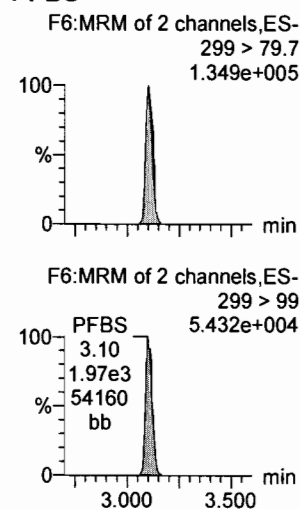
PFBA



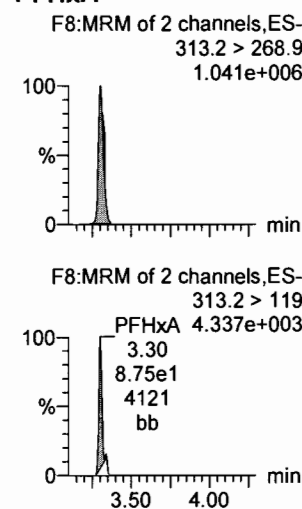
PFPeA



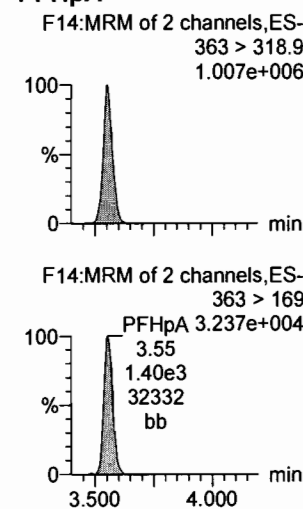
PFBS



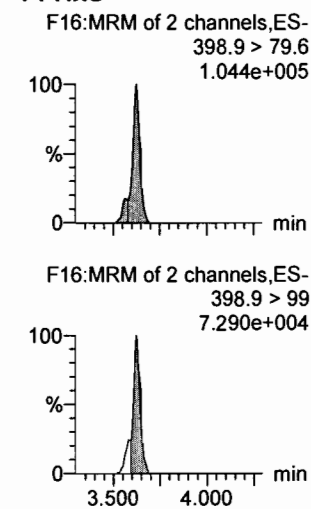
PFHxA



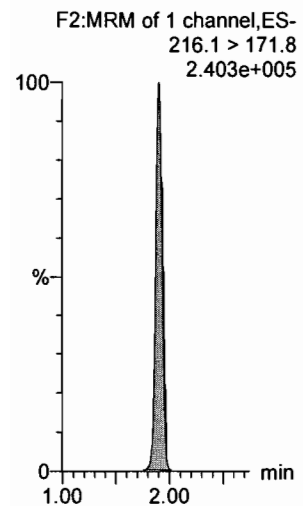
PFHpA



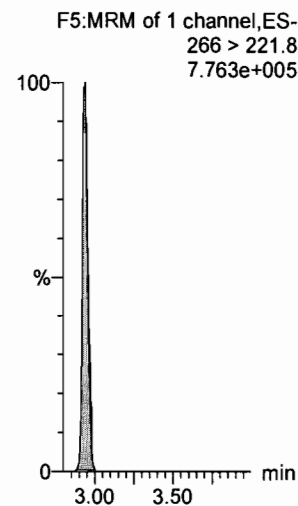
PFHxS



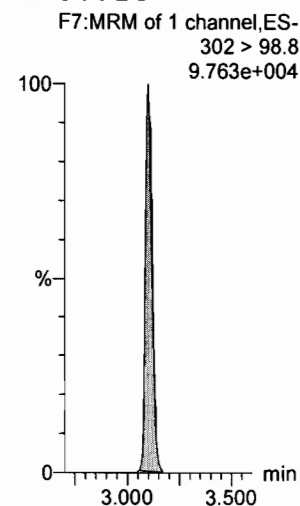
13C3-PFBA



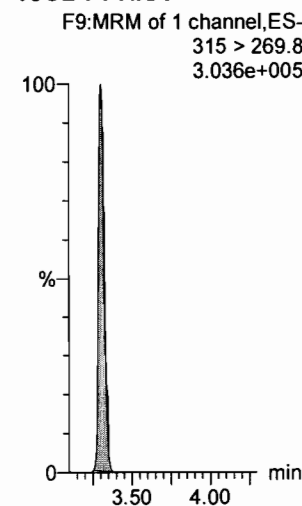
13C3-PFPeA



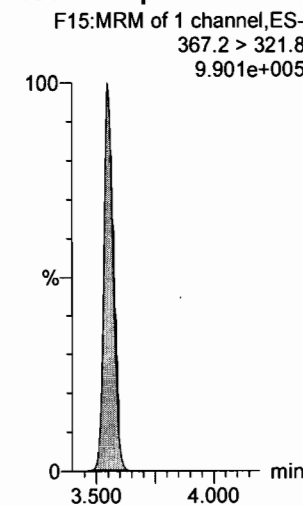
13C3-PFBS



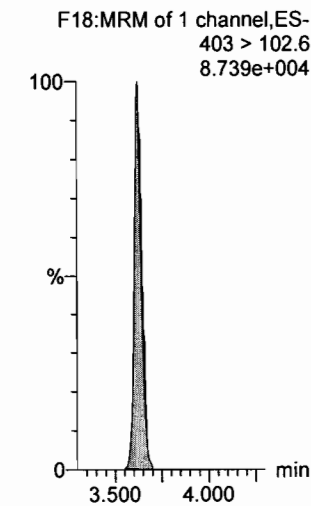
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



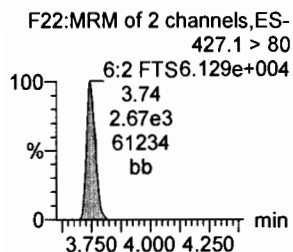
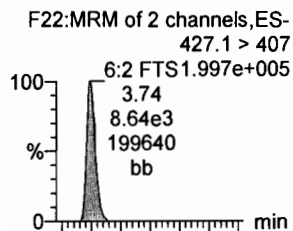
Dataset: U:\Q4.PRO\results\170810M1\170810M2-13.qld

Last Altered: Friday, August 11, 2017 10:32:47 Pacific Daylight Time

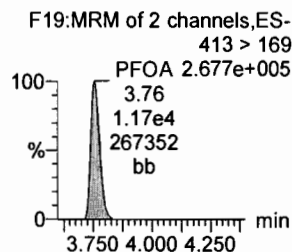
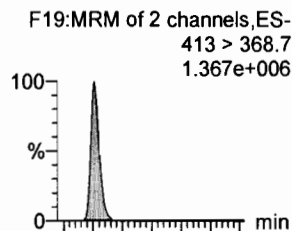
Printed: Friday, August 11, 2017 10:35:02 Pacific Daylight Time

Name: 170810M2_13, Date: 10-Aug-2017, Time: 22:30:29, ID: ICV170810M2-1 PFC ICV 17H1020, Description: PFC ICV 17H1020

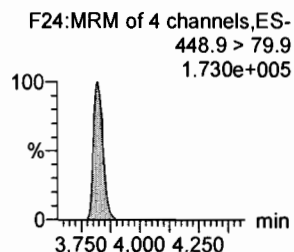
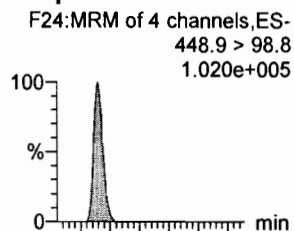
6:2 FTS



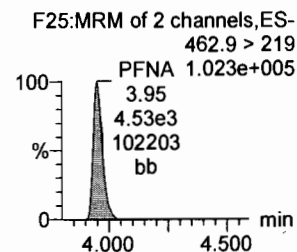
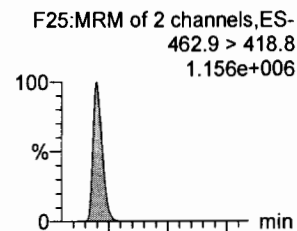
PFOA



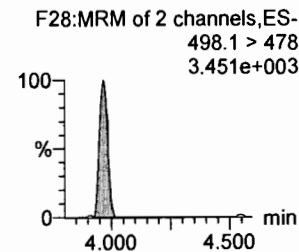
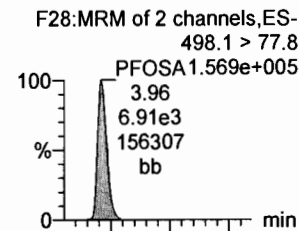
PFHpS



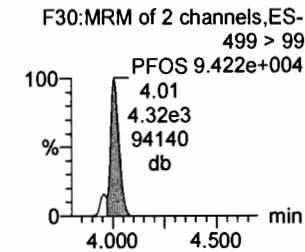
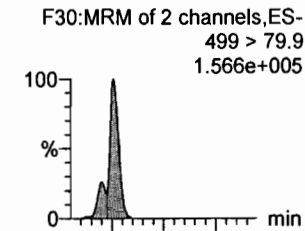
PFNA



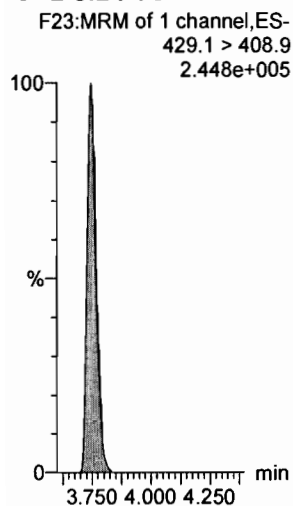
PFOSA



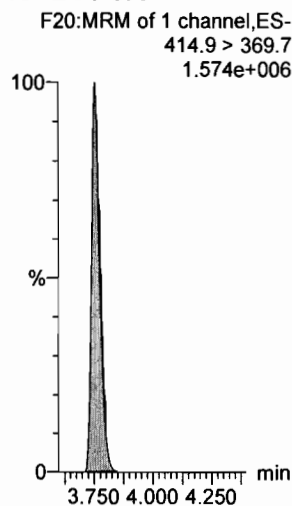
PFOS



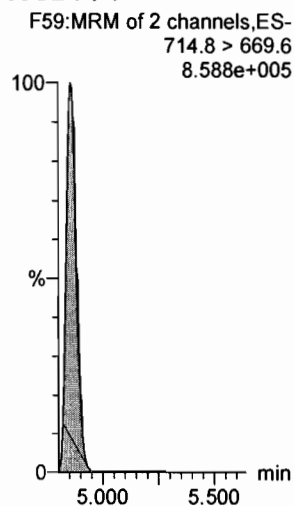
13C2-6:2 FTS



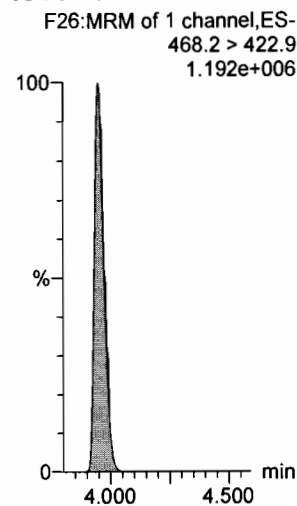
13C2-PFOA



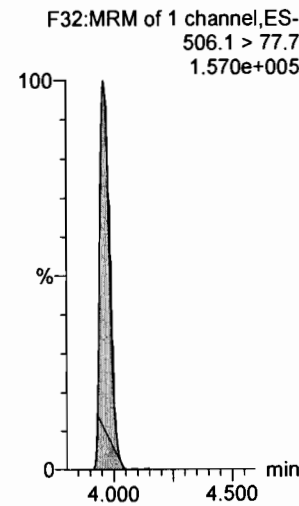
13C2-PFTeDA



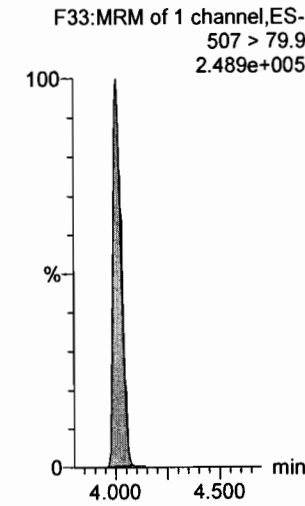
13C5-PFNA



13C8-PFOSA



13C8-PFOS

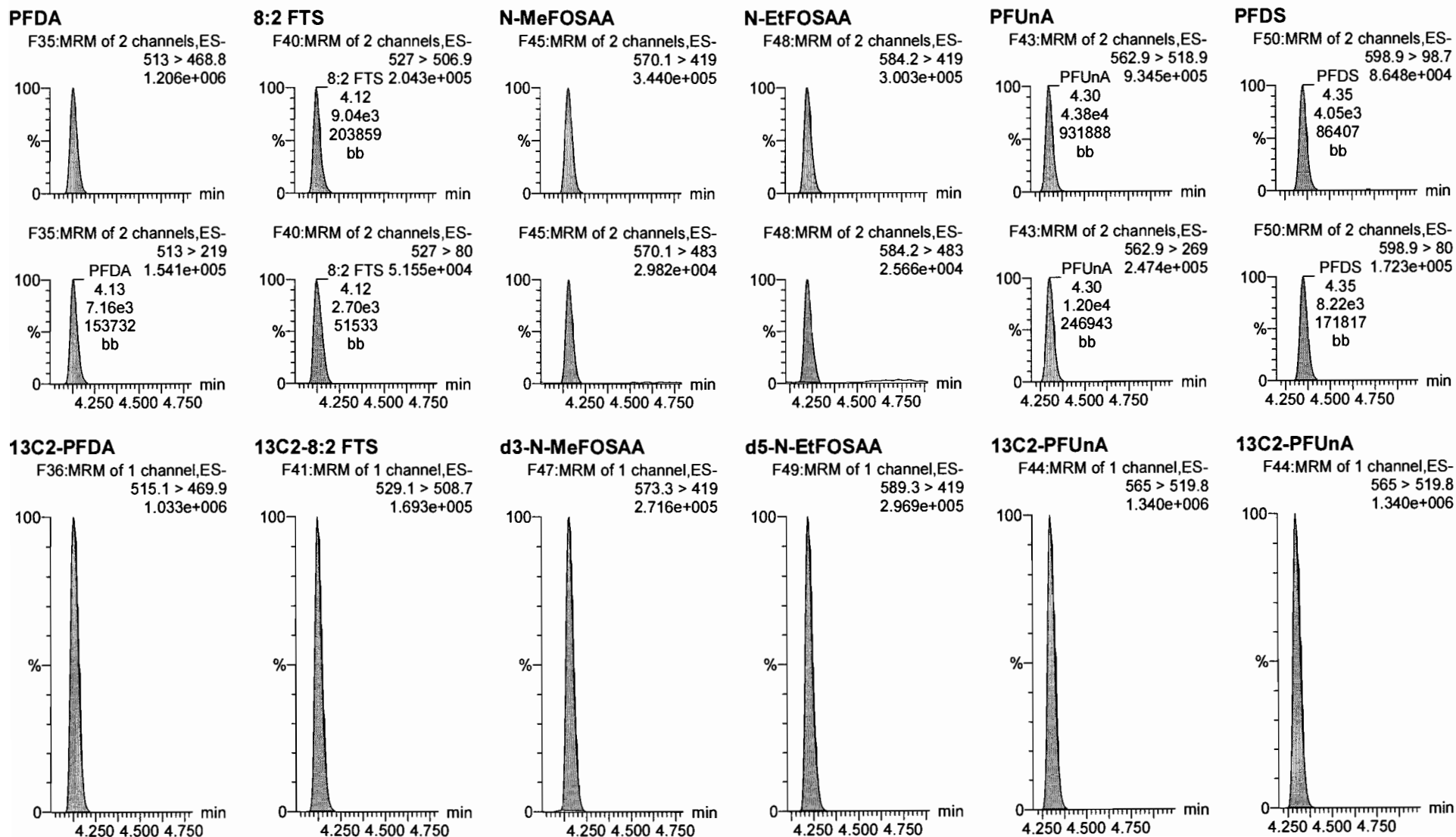


Dataset: U:\Q4.PRO\results\170810M1\170810M2-13.qld

Last Altered: Friday, August 11, 2017 10:32:47 Pacific Daylight Time

Printed: Friday, August 11, 2017 10:35:02 Pacific Daylight Time

Name: 170810M2_13, Date: 10-Aug-2017, Time: 22:30:29, ID: ICV170810M2-1 PFC ICV 17H1020, Description: PFC ICV 17H1020



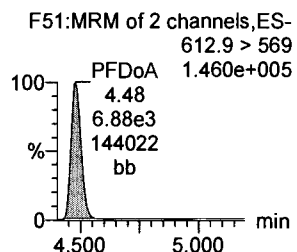
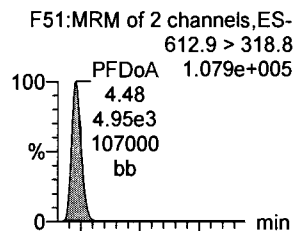
Dataset: U:\Q4.PRO\results\170810M1\170810M2-13.qld

Last Altered: Friday, August 11, 2017 10:32:47 Pacific Daylight Time

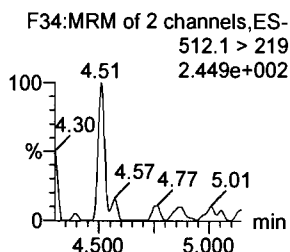
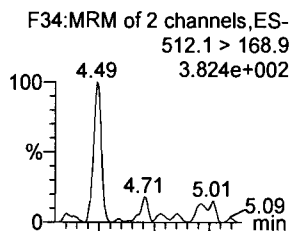
Printed: Friday, August 11, 2017 10:35:02 Pacific Daylight Time

Name: 170810M2_13, Date: 10-Aug-2017, Time: 22:30:29, ID: ICV170810M2-1 PFC ICV 17H1020, Description: PFC ICV 17H1020

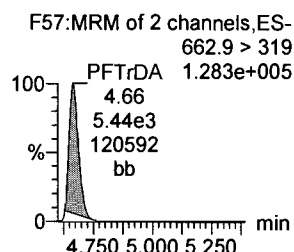
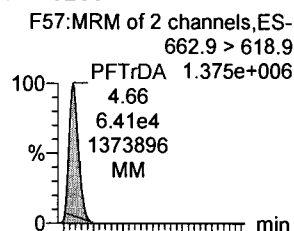
PFDaA



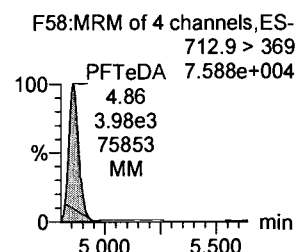
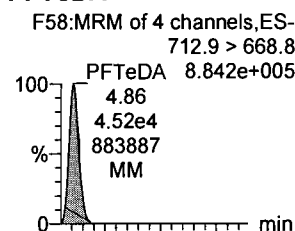
N-MeFOSA



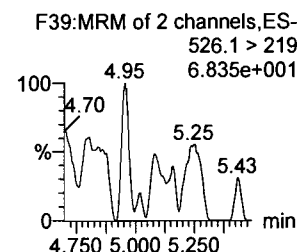
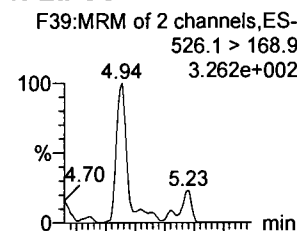
PFTTrDA



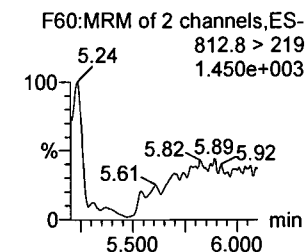
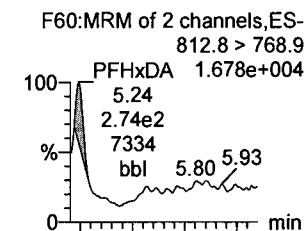
PFTeDA



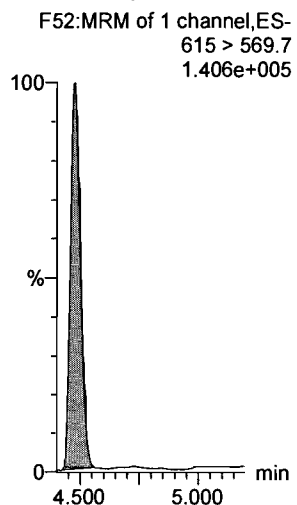
N-EtFOSA



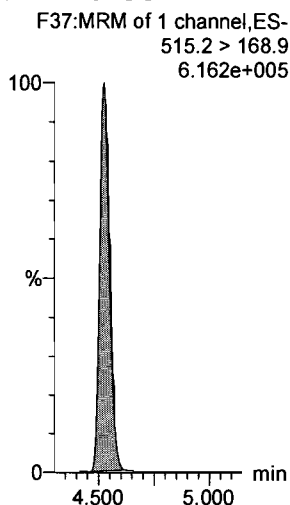
PFHxDA



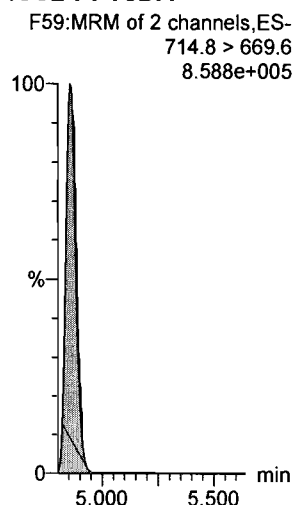
13C2-PFDaA



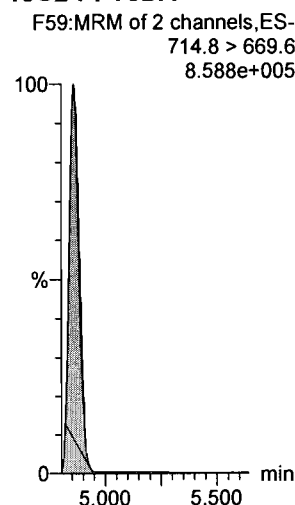
d3-N-MeFOSA



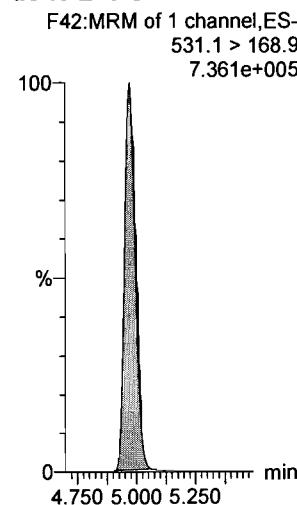
13C2-PFTeDA



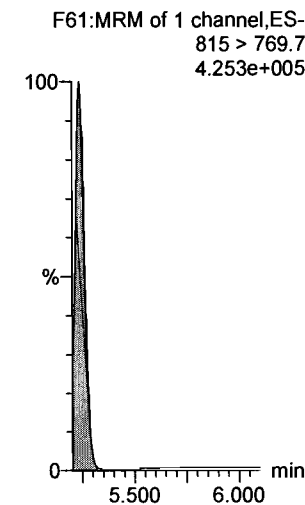
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



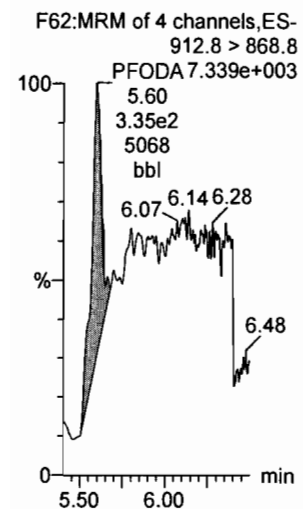
Dataset: U:\Q4.PRO\results\170810M1\170810M2-13.qld

Last Altered: Friday, August 11, 2017 10:32:47 Pacific Daylight Time

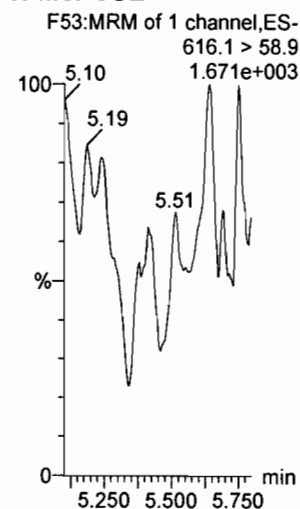
Printed: Friday, August 11, 2017 10:35:02 Pacific Daylight Time

Name: 170810M2_13, Date: 10-Aug-2017, Time: 22:30:29, ID: ICV170810M2-1 PFC ICV 17H1020, Description: PFC ICV 17H1020

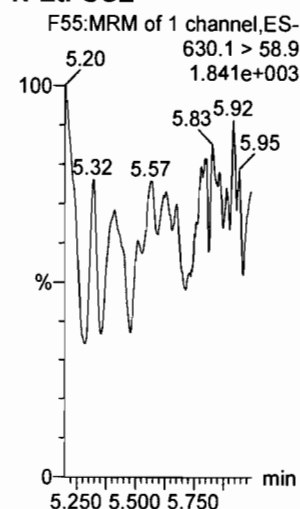
PFODA



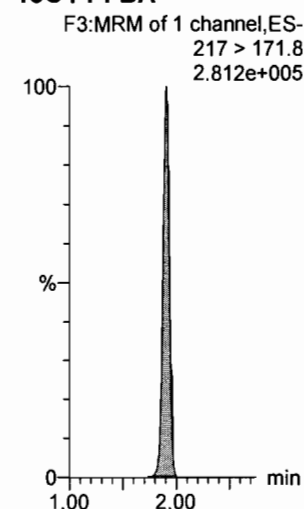
N-MeFOSE



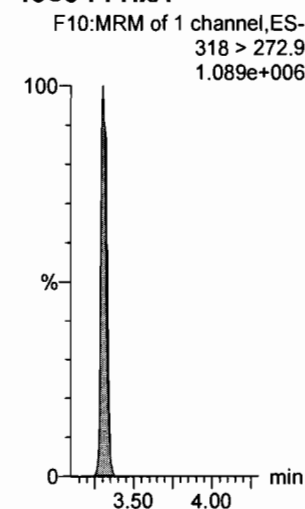
N-EtFOSE



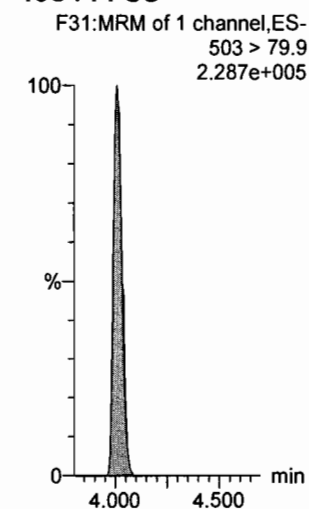
13C4-PFBA



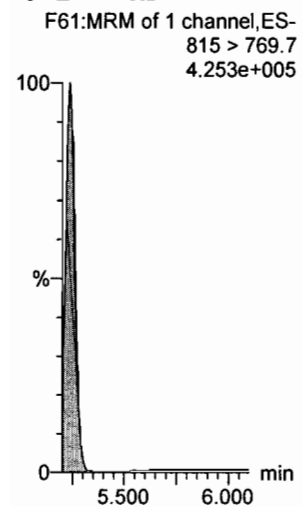
13C5-PFHxA



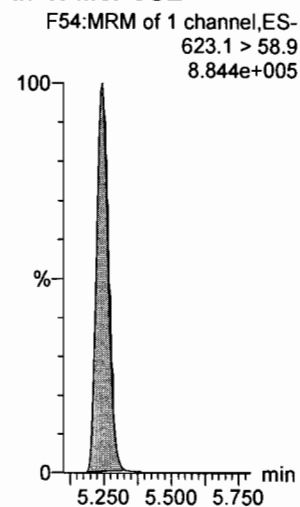
13C4-PFOS



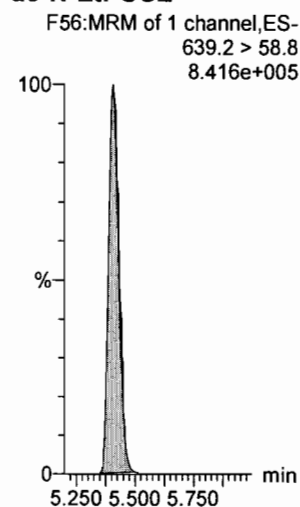
13C2-PFHxDa



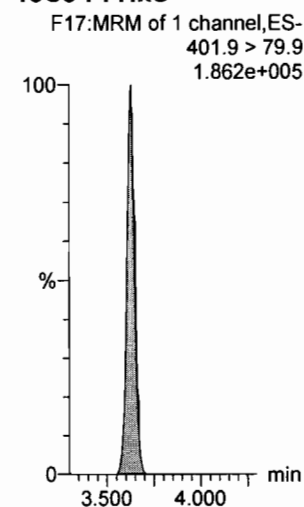
d7-N-MeFOSE



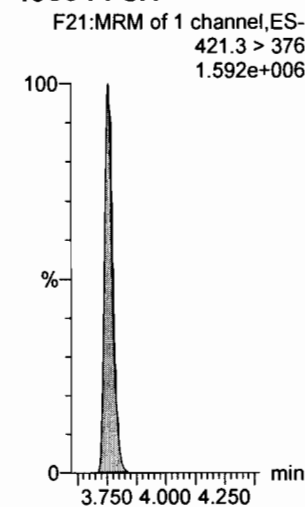
d9-N-EtFOSE



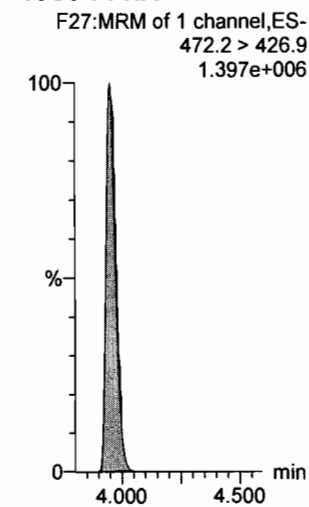
13C3-PFHxS



13C8-PFOA



13C9-PFNA



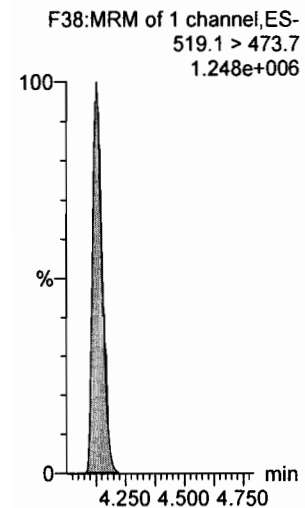
Dataset: U:\Q4.PRO\results\170810M1\170810M2-13.qld

Last Altered: Friday, August 11, 2017 10:32:47 Pacific Daylight Time

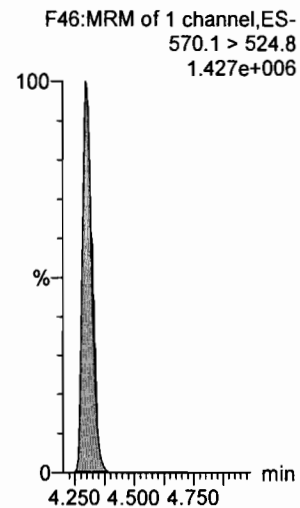
Printed: Friday, August 11, 2017 10:35:02 Pacific Daylight Time

Name: 170810M2_13, Date: 10-Aug-2017, Time: 22:30:29, ID: ICV170810M2-1 PFC ICV 17H1020, Description: PFC ICV 17H1020

13C6-PFDA



13C7-PFUnA



"sys_sample_code","lab_anl_method_name","analysis_date","analysis_time","total_or_dissolved","column_number","t
est_type","cas_rn","chemical_name","result_value","result_error_delta","result_type_code","reportable_result","detect
flag","lab_qualifiers","organic_yn","method_detection_limit","reporting_detection_limit","quantatation_limit","result_u
nit","detection_limit_unit","tic_retention_time","result_comment","qc_original_conc","qc_spike_added","qc_spike_me
asured","qc_spike_recovery","qc_dup_original_conc","qc_dup_spike_added","qc_dup_spike_measured","qc_dup_spik
e_recovery","qc_rpd","qc_spike_lcl","qc_spike_ucl","qc_rpd_cl","qc_spike_status","qc_dup_spike_status","qc_rpd_sta
tus"
"SB01-20170807","537_MOD","08/16/17","07:15","N","NA","000","375-73-
5","PFBS","","","TRG","Yes","N","U","Y","1.88","5.25","8.42","NG_L","NG_L","","","","","","","","","","","","",""
",""
"SB01-20170807","537_MOD","08/16/17","07:15","N","NA","000","335-67-1","PERFLUOROOCTANOIC ACID
(PFOA)","","","TRG","Yes","N","U","Y","0.685","5.25","8.42","NG_L","NG_L","","","","","","","","","","","","",""
",""
"SB01-20170807","537_MOD","08/16/17","07:15","N","NA","000","1763-23-
1","HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION
","","","TRG","Yes","N","U","Y","0.850","5.25","8.42","NG_L","NG_L","","","","","","","","","","","","",""
"SB01-20170807","537_MOD","08/16/17","07:15","N","NA","000","13C3-PFBS","13C3-
PFBS","119","","IS","Yes","Y","","Y","","","PCT_REC","","","","","100","119","119","","","","","50","150","",""
",""
"SB01-20170807","537_MOD","08/16/17","07:15","N","NA","000","13C2-PFOA","13C2-
PFOA","89.1","","IS","Yes","Y","","Y","","","PCT_REC","","","","","100","89.1","89.1","","","","","50","150","",""
",""
"SB01-20170807","537_MOD","08/16/17","07:15","N","NA","000","13C8-PFOS","13C8-
PFOS","95.7","","IS","Yes","Y","","Y","","","PCT_REC","","","","","100","95.7","95.7","","","","","50","150","",""
",""
"EB01-20170807","537_MOD","08/16/17","07:26","N","NA","000","375-73-
5","PFBS","","","TRG","Yes","N","U","Y","1.91","5.34","8.52","NG_L","NG_L","","","","","","","","","","","","",""
",""
"EB01-20170807","537_MOD","08/16/17","07:26","N","NA","000","335-67-1","PERFLUOROOCTANOIC ACID
(PFOA)","","","TRG","Yes","N","U","Y","0.693","5.34","8.52","NG_L","NG_L","","","","","","","","","","","","",""
",""
"EB01-20170807","537_MOD","08/16/17","07:26","N","NA","000","1763-23-
1","HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION
","","","TRG","Yes","N","U","Y","0.860","5.34","8.52","NG_L","NG_L","","","","","","","","","","","","",""
"EB01-20170807","537_MOD","08/16/17","07:26","N","NA","000","13C3-PFBS","13C3-
PFBS","125","","IS","Yes","Y","","Y","","","PCT_REC","","","","","100","125","125","","","","","50","150","",""
",""
"EB01-20170807","537_MOD","08/16/17","07:26","N","NA","000","13C2-PFOA","13C2-
PFOA","91.3","","IS","Yes","Y","","Y","","","PCT_REC","","","","","100","91.3","91.3","","","","","50","150","",""
",""
"EB01-20170807","537_MOD","08/16/17","07:26","N","NA","000","13C8-PFOS","13C8-
PFOS","92.4","","IS","Yes","Y","","Y","","","PCT_REC","","","","","100","92.4","92.4","","","","","50","150","",""
",""
"OUA1-MW08-20170807","537_MOD","08/16/17","07:37","N","NA","000","375-73-
5","PFBS","1850","","TRG","Yes","Y","","Y","1.90","5.30","8.51","NG_L","NG_L","","","","","","","","","","","","",""
",""
"OUA1-MW08-20170807","537_MOD","08/16/17","07:37","N","NA","000","335-67-1","PERFLUOROOCTANOIC
ACID
(PFOA)","67.6","","TRG","Yes","Y","","Y","0.693","5.30","8.51","NG_L","NG_L","","","","","","","","","","","","",""
",""
"OUA1-MW08-20170807","537_MOD","08/16/17","07:37","N","NA","000","1763-23-
1","HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION
","17.4","","TRG","Yes","Y","","Y","0.859","5.30","8.51","NG_L","NG_L","","","","","","","","","","","","",""

""

"OUA1-MW08-20170807","537_MOD","08/16/17","07:37","N","NA","000","13C3-PFBS","13C3-PFBS","111","","IS","Yes","Y","","Y","","","PCT_REC","","","100","111","111","","","50","150","","",""

"OUA1-MW08-20170807","537_MOD","08/16/17","07:37","N","NA","000","13C2-PFOA","13C2-PFOA","99.6","","IS","Yes","Y","","Y","","","PCT_REC","","","100","99.6","99.6","","","50","150","",""

"OUA1-MW08-20170807","537_MOD","08/16/17","07:37","N","NA","000","13C8-PFOS","13C8-PFOS","93.7","","IS","Yes","Y","","Y","","","PCT_REC","","","100","93.7","93.7","","","50","150","",""

"OUA1-HS03-20170807","537_MOD","08/16/17","07:47","N","NA","000","375-73-5","PFBS","4.06","","TRG","Yes","Y","J","Y","2.02","5.63","9.03","NG_L","NG_L","","","50","150","",""

"OUA1-HS03-20170807","537_MOD","08/16/17","07:47","N","NA","000","335-67-1","PERFLUOROOCTANOIC ACID (PFOA)","1.27","","TRG","Yes","Y","J","Y","0.735","5.63","9.03","NG_L","NG_L","","","50","150","",""

"OUA1-HS03-20170807","537_MOD","08/16/17","07:47","N","NA","000","1763-23-1","HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION","14.2","","TRG","Yes","Y","","Y","0.911","5.63","9.03","NG_L","NG_L","","","50","150","",""

"OUA1-HS03-20170807","537_MOD","08/16/17","07:47","N","NA","000","13C3-PFBS","13C3-PFBS","118","","IS","Yes","Y","","Y","","","PCT_REC","","","100","118","118","","","50","150","",""

"OUA1-HS03-20170807","537_MOD","08/16/17","07:47","N","NA","000","13C2-PFOA","13C2-PFOA","91.0","","IS","Yes","Y","","Y","","","PCT_REC","","","100","91.0","91.0","","","50","150","",""

"OUA1-HS03-20170807","537_MOD","08/16/17","07:47","N","NA","000","13C8-PFOS","13C8-PFOS","100","","IS","Yes","Y","","Y","","","PCT_REC","","","100","100","100","","","50","150","",""

"EB02-20170808","537_MOD","08/16/17","07:58","N","NA","000","375-73-5","PFBS","","","TRG","Yes","N","U","Y","2.00","5.58","8.93","NG_L","NG_L","","","50","150","",""

"EB02-20170808","537_MOD","08/16/17","07:58","N","NA","000","335-67-1","PERFLUOROOCTANOIC ACID (PFOA)","","","TRG","Yes","N","U","Y","0.726","5.58","8.93","NG_L","NG_L","","","50","150","",""

"EB02-20170808","537_MOD","08/16/17","07:58","N","NA","000","1763-23-1","HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION","","","TRG","Yes","N","U","Y","0.900","5.58","8.93","NG_L","NG_L","","","50","150","",""

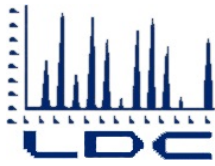
"EB02-20170808","537_MOD","08/16/17","07:58","N","NA","000","13C3-PFBS","13C3-PFBS","123","","IS","Yes","Y","","Y","","","PCT_REC","","","100","123","123","","","50","150","",""

"EB02-20170808","537_MOD","08/16/17","07:58","N","NA","000","13C2-PFOA","13C2-PFOA","83.2","","IS","Yes","Y","","Y","","","PCT_REC","","","100","83.2","83.2","","","50","150","",""

"EB02-20170808","537_MOD","08/16/17","07:58","N","NA","000","13C8-PFOS","13C8-PFOS","92.2","","IS","Yes","Y","","Y","","","PCT_REC","","","100","92.2","92.2","","","50","150","",""

"B7H0069-BLK1","537_MOD","08/17/17","01:52","N","NA","000","375-73-5","PFBS","","","TRG","Yes","N","U","Y","0.895","2.50","4.00","NG_L","NG_L","","","50","150","",""

"B7H0069-BLK1","537_MOD","08/17/17","01:52","N","NA","000","335-67-1","PERFLUOROOCTANOIC ACID (PFOA)","","","TRG","Yes","N","U","Y","0.326","2.50","4.00","NG_L","NG_L","","","50","150","",""



LABORATORY DATA CONSULTANTS, INC.

2701 Loker Ave. West, Suite 220, Carlsbad, CA 92010 Bus: 760-827-1100 Fax: 760-827-1099

AMEC Foster Wheeler, Inc.
7376 SW Durham Road
Portland, OR 97224
Attn: Ms. Marie Bevier

October 25, 2017

SUBJECT: MCAS Yuma, Data Validation

Dear Ms. Bevier,

Enclosed is the final validation report for the fraction listed below. This SDG was received on October 11, 2017. Attachment 1 is a summary of the samples that were reviewed for analysis.

LDC Project #39578:

SDG #

Fraction

1701023

Perfluorinated Alkyl Acids

The data validation was performed under Stage 2B & 4 guidelines. The analyses were validated using the following documents, as applicable to each method:

- Final Addendum 3 to the Final Sampling and Analysis Plan, Field Sampling Plan and Quality Assurance Project Plan, for Groundwater Long Term Monitoring and System Operation at Marine Corps Air Station Yuma, Yuma, Arizona, February 2017
- Final Addendum 2 to the Final Sampling and Analysis Plan, Field Sampling Plan and Quality Assurance Project Plan, for Groundwater Long Term Monitoring and System Operation at Marine Corps Air Station Yuma, Yuma, Arizona, September 2015
- Final Addendum 1 to the Final Sampling and Analysis Plan, Field Sampling Plan and Quality Assurance Project Plan, for Groundwater Long Term Monitoring and System Operation at Marine Corps Air Station Yuma, Yuma, Arizona, May 2013
- Final Sampling and Analysis Plan, Field Sampling Plan and Quality Assurance Project Plan, for Groundwater Long Term Monitoring and System Operation at Marine Corps Air Station Yuma, Yuma, Arizona, May 2013
- U.S. Department of Defense Quality Systems Manual for Environmental Laboratories, Version 5.0, July 2013
- USEPA, Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, August 2014

Please feel free to contact us if you have any questions.

Sincerely,

Pei Geng
Project Manager/Senior Chemist

Shaded cells indicate Stage 4 validation (all other cells are Stage 2B review). These sample counts do not include DL, RE, MS, MSD, or DUP's. V:\LOGIN\AMEC FW\Yuma\39578ST.wpd

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: MCAS Yuma

LDC Report Date: October 17, 2017

Parameters: Perfluorinated Alkyl Acids

Validation Level: Stage 2B & 4

Laboratory: Vista Analytical Laboratory

Sample Delivery Group (SDG): 1701023

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
OUA1-MW08-20170807**	1701023-03**	Water	08/08/17
OUA1-HS03-20170807	1701023-04	Water	08/07/17

**Indicates sample underwent Stage 4 validation

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with the Final Addendum 3 to the Final Sampling and Analysis Plan, Field Sampling Plan and Quality Assurance Project Plan, for Groundwater Long Term Monitoring and System Operation at Marine Corps Air Station Yuma, Yuma, Arizona (February 2017), the Final Addendum 2 to the Final Sampling and Analysis Plan, Field Sampling Plan and Quality Assurance Project Plan, for Groundwater Long Term Monitoring and System Operation at Marine Corps Air Station Yuma, Yuma, Arizona (September 2015), the Final Addendum 1 to the Final Sampling and Analysis Plan, Field Sampling Plan and Quality Assurance Project Plan, for Groundwater Long Term Monitoring and System Operation at Marine Corps Air Station Yuma, Yuma, Arizona (May 2013), the Final Sampling and Analysis Plan, Field Sampling Plan and Quality Assurance Project Plan, for Groundwater Long Term Monitoring and System Operation at Marine Corps Air Station Yuma, Yuma, Arizona (May 2013), the U.S. Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories, Version 5.0 (July 2013), and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines (CLPNFG) for Superfund Organic Methods Data Review (August 2014). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Perfluorinated Alkyl Acids by Environmental Protection Agency (EPA) Method 537

All sample results were subjected to Stage 2B data validation, which comprises an evaluation of quality control (QC) summary results. Samples appended with a double asterisk on the cover page were subjected to Stage 4 data validation, which is comprised of the QC summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.
- NJ (Presumptive and Estimated): The analysis indicates the presence of a compound or analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. LC/MS Instrument Performance Check

Instrument performance was checked as applicable.

All ion abundance requirements were met.

III. Initial Calibration and Initial Calibration Verification

Initial calibration was performed as required by the method.

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all compounds.

IV. Continuing Calibration

Continuing calibration was performed at required frequencies.

The percent differences (%D) were less than or equal to 30.0% for all compounds.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample SB01-20170807 was identified as a source blank. No contaminants were found.

Samples EB01-20170807 and EB02-20170808 were identified as equipment blanks. No contaminants were found.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VIII. Ongoing Precision Recovery Samples

Ongoing precision recovery (OPR) samples were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

IX. Field Duplicates

No field duplicates were identified in this SDG.

X. Internal Standards

All internal standard areas and retention times were within QC limits.

XI. Compound Quantitation

All compound quantitations met validation criteria for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2B validation.

XII. Target Compound Identifications

All target compound identifications met validation criteria for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2B validation.

XIII. System Performance

The system performance was acceptable for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2B validation.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

The quality control criteria reviewed were met and are considered acceptable. Based upon the data validation all results are considered valid and usable for all purposes.

MCAS Yuma

Perfluorinated Alkyl Acids - Data Qualification Summary - SDG 1701023

No Sample Data Qualified in this SDG

MCAS Yuma

Perfluorinated Alkyl Acids - Laboratory Blank Data Qualification Summary - SDG 1701023

No Sample Data Qualified in this SDG

MCAS Yuma

Perfluorinated Alkyl Acids - Field Blank Data Qualification Summary - SDG 1701023

No Sample Data Qualified in this SDG

LDC #: 39578A96

VALIDATION COMPLETENESS WORKSHEET

SDG #: 1701023

Stage 2B/4

Laboratory: Vista Analytical Laboratory

Date: 10/16/17

Page: 1 of 1

Reviewer: [Signature]

2nd Reviewer: [Signature]

METHOD: LCMS Perfluorinated Alkyl Acids (EPA Method 537)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A	
II.	LC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A A	r^2 ICV $\leq 30\%$
IV.	Continuing calibration	A	CCV $\leq 30\%$
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	SB=1. EB=2.5
VII.	Surrogate spikes	N	
VIII.	Matrix spike/Matrix spike duplicates	N	CS
IX.	Laboratory control samples	A	OPR
X.	Field duplicates	N	
XI.	Internal standards	A	
XII.	Compound quantitation RL/LOQ/LODs	A	Not reviewed for Stage 2B validation.
XIII.	Target compound identification	A	Not reviewed for Stage 2B validation.
XIV.	System performance	A	Not reviewed for Stage 2B validation.
XV.	Overall assessment of data	A	

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

SB=Source blank
OTHER:

** Indicates sample was underwent Stage 4 review

	Client ID	Lab ID	Matrix	Date
1	SB01-20170807	1701023-01	Water	08/07/17
2	EB01-20170807	1701023-02	Water	08/07/17
3	OUA1-MW08-20170807**	1701023-03**	Water	08/08/17
4	OUA1-HS03-20170807	1701023-04	Water	08/07/17
5	EB02-20170808	1701023-05	Water	08/08/17
6				
7				
8				

Notes:

BT40069-1341					

Method: LCMS (EPA Method 537)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	☒	☐	☐	
Was cooler temperature criteria met?	☒	☐	☐	
II. LC/MS Instrument performance check				
Were the instrument performance reviewed and found to be within the specified criteria?	☐	☐	☒	
Were all samples analyzed within the 12 hour clock criteria?	☒	☐	☐	
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	☒	☐	☐	
Were all percent relative standard deviations (%RSD) $\leq 20\%$?	☐	☐	☒	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit criteria of ≥ 0.990 ?	☒	☐	☐	
Were all analytes within 70-130% or percent differences (%D) $\leq 30\%$ of their true value for each calibration standard	☒	☐	☐	
IIIb. Initial Calibration Verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	☒	☐	☐	
Were all percent differences (%D) $\leq 30\%$?	☒	☐	☐	
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	☒	☐	☐	
Were all percent differences (%D) of the continuing calibration $\leq 30\%$?	☒	☐	☐	
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	☒	☐	☐	
Was a laboratory blank analyzed for each matrix and concentration?	☒	☐	☐	
Was there contamination in the laboratory blanks? If yes, please see the Blanks validation completeness worksheet.	☐	☒	☐	
VI. Field blanks				
Were field blanks identified in this SDG?	☒	☐	☐	
Were target compounds detected in the field blanks?	☐	☒	☐	
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.	☐	☒	☐	
Was a MS/MSD analyzed every 20 samples of each matrix?	☐	☐	☒	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	☐	☐	☒	
IX. Laboratory control samples				
Was an LCS analyzed for this SDG?	☒	☐	☐	

LDC #: 39572196

VALIDATION FINDINGS CHECKLIST

Page: 2 of 2
Reviewer: Q
2nd Reviewer: JRG

Validation Area	Yes	No	NA	Findings/Comments
Was an LCS analyzed per extraction batch?	☒	☐	☐	
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	☒	☐	☐	
X. Field duplicates				
Were field duplicate pairs identified in this SDG?	☐	☒	☐	
Were target compounds detected in the field duplicates?	☐	☐	☒	
XI. Internal standards				
Were internal standard area counts within $\pm 50\%$ of the associated calibration standard?	☒	☐	☐	
XII. Compound quantitation				
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?	☒	☐	☐	
Were compound quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	☒	☐	☐	
XIII. Target compound identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	☒	☐	☐	
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	☒	☐	☐	
Were chromatogram peaks verified and accounted for?	☒	☐	☐	
XIV. System performance				
System performance was found to be acceptable.	☒	☐	☐	
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	☒	☐	☐	

LDC#: 39405A96

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 1
Reviewer: S
2nd Reviewer: JYR

Method: LC/MS/MS PFCs

Calibration Date	System	Compound	Standard	(Y) Response	(X) Concentration
8/10/2017	Q4	PFBS	0	0.5032750	0.25
			s1	0.9903600	0.50
			s2	0.1557754	1.00
			s3	0.3081877	2.00
			s4	0.7271689	5.00
			s5	17.6443710	10.00
			s6	91.2733450	50.00
			s7	187.082970	100.00
			s8	435.044586	250.00
			s9	828.014586	500.00

Regression Output**Reported**

Constant	2.463096	0.180452
Std Err of Y Est		
R Squared	0.998794	0.998137
Degrees of Freedom		
X Coefficient(s)	1.673049	1.712800
Std Err of Coef.		
Correlation Coefficient	0.999397	
Coefficient of Determination (r^2)	0.998794	0.998137

LDC #: 39578496

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Page: 1 of 1
Reviewer: 9
2nd Reviewer: JR

METHOD: GC ✓ HPLC MS

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration CF were recalculated for the compounds identified below using the following calculation:

% Difference = $100 * (\text{ave. CF} - \text{CF}) / \text{ave. CF}$
CF = A/C

Where: ave. CF = initial calibration average CF
CF = continuing calibration CF
A = Area of compound
C = Concentration of compound

#	Standard ID	Calibration Date	Compound	Average CF(lcal)/ CCV Conc.	Reported	Recalculated	Reported	Recalculated
					CF/Conc. CCV	CF/Conc. CCV	%D	%D
1	170815ML94	8/16/17	FFBS	10.00	10.50	10.50	5.02	5.02
2	170816ML11	8/17/17	FFBS	1.00	0.99	0.99	1.0	0.8
3								
4								

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

VALIDATION FINDINGS WORKSHEET
Laboratory Control Sample/Laboratory Control Sample Duplicate Results Verification

METHOD: GC / HPLC / MS

The percent recoveries (%R) and Relative Percent difference (RPD) of the laboratory control sample and laboratory control sample duplicate were recalculated for the compounds identified below using the following calculation:

% Recovery = 100* (SSC-SC)/SA

RPD = | SSCLCS - SSCLCSD | * 2/(SSCLCS + SSCLCSD)

Where: SSC = Spiked sample concentration
SA = Spike added
LCS = Laboratory control sample percent recovery

SC = Concentration
LCSD = Laboratory control sample duplicate percent recovery

LCS/LCSD samples: BT#0069-B51

Compound	Spike Added (15/L)		Spiked Sample Concentration (113/L)		LCS		LCSD		LCS/LCSD	
					Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Gasoline (8015)										
Diesel (8015)										
Benzene (8021B)										
Methane (RSK-175)										
2,4-D (8151)										
Dinoseb (8151)										
Naphthalene (8310)										
Anthracene (8310)										
HMX (8330)										
2,4,6-Trinitrotoluene (8330)										
#FBS	40.0	NA	43.0	NA	108	108				

Comments: Refer to Laboratory Control Sample/Laboratory Control Sample Duplicate findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 39578/96VALIDATION FINDINGS WORKSHEET
Sample Calculation VerificationPage: 1 of 1Reviewer: [Signature]2nd Reviewer: [Signature]METHOD: GC ☒ HPLC MSY N N/A
Y N N/A

Were all reported results recalculated and verified for all level IV samples?

Were all recalculated results for detected target compounds agree within 10% of the reported results?

Concentration= $\frac{(A)(F_v)(D_f)}{(RF)(V_s \text{ or } W_s)(\%S/100)}$

Example:

Sample ID: 3 Compound Name PFBSConcentration =
$$\frac{(1.1305 \times 12.5)}{(3.7703 - 0.180452)(1)} \div (1.7128)(0.118)$$
= 1852.9118/L

#	Sample ID	Compound	Reported Concentrations (<u>185/L</u>)	Recalculated Results Concentrations ()	Qualifications
	<u>3</u>	<u>PFBS</u>	<u>1850</u>		

Comments: _____

INSTALLATION_ID	SDG	LOCATION-NAME	SITE_NAME	INSTALLATION_ID	LOCATION_TYPE	LOCATION_TYPE_DESC	COORD_X	COORD_Y	SAMPLE_NAME	SAMPLE_MATRIX	SAMPLE_MATRIC_DESC	COLLECT_DATE	CHEMICAL_NAME
MCAS YUMA	1701023	16-HS-03	SITE 00019	YUMA_MCAS	WLM	MONITORING WELL	441712.6895	605539.6474	OUA1-HS03-20170807	WG	GROUNDWATER	7-Aug-17	Perfluorooctanesulfonic Acid (PFOS)
MCAS YUMA	1701023	16-HS-03	SITE 00019	YUMA_MCAS	WLM	MONITORING WELL	441712.6895	605539.6474	OUA1-HS03-20170807	WG	GROUNDWATER	7-Aug-17	Perfluorooctanoic Acid (PFOA)
MCAS YUMA	1701023	16-HS-03	SITE 00019	YUMA_MCAS	WLM	MONITORING WELL	441712.6895	605539.6474	OUA1-HS03-20170807	WG	GROUNDWATER	7-Aug-17	Perfluorobutanesulfonic Acid (PFBS)
MCAS YUMA	1701023	16-MW-08	SITE 00019	YUMA_MCAS	WLM	MONITORING WELL	442128.793	605331.0117	OUA1-MW08-20170807	WG	GROUNDWATER	8-Aug-17	Perfluorooctanesulfonic Acid (PFOS)
MCAS YUMA	1701023	16-MW-08	SITE 00019	YUMA_MCAS	WLM	MONITORING WELL	442128.793	605331.0117	OUA1-MW08-20170807	WG	GROUNDWATER	8-Aug-17	Perfluorooctanoic Acid (PFOA)
MCAS YUMA	1701023	16-MW-08	SITE 00019	YUMA_MCAS	WLM	MONITORING WELL	442128.793	605331.0117	OUA1-MW08-20170807	WG	GROUNDWATER	8-Aug-17	Perfluorobutanesulfonic Acid (PFBS)