



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-101-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/10/25 09:20	03/10/25 21:32	PB167058

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.43	U	1	0.43	1.13	mg/kg	FE052711.D
Aliphatic C12-C16	Aliphatic C12-C16	0.27	U	1	0.27	0.75	mg/kg	FE052711.D
Aliphatic C16-C21	Aliphatic C16-C21	0.34	U	1	0.34	1.13	mg/kg	FE052711.D
Aliphatic C21-C28	Aliphatic C21-C28	0.90	U	1	0.90	1.50	mg/kg	FE052711.D
Aliphatic C28-C40	Aliphatic C28-C40	2.03	U	1	2.03	2.26	mg/kg	FE052711.D
Aromatic C10-C12	Aromatic C10-C12	0.34	U	1	0.34	0.75	mg/kg	FF015632.D
Aromatic C12-C16	Aromatic C12-C16	0.38	U	1	0.38	1.13	mg/kg	FF015632.D
Aromatic C16-C21	Aromatic C16-C21	1.08	U	1	1.08	1.88	mg/kg	FF015632.D
Aromatic C21-C36	Aromatic C21-C36	2.26	U	1	2.26	3.01	mg/kg	FF015632.D
Total AliphaticEPH	Total AliphaticEPH	3.97	U		3.97	6.77	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.06	U		4.06	6.77	mg/kg	
Total EPH	Total EPH	8.03	U		8.03	13.5	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-101-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052711.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.43	U	0.43	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.27	U	0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.34	U	0.34	1.13	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.90	U	0.90	1.50	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.03	U	2.03	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	51.0		40 - 140	102%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1488-01	Acq On:	10 Mar 2025 21:32
Client Sample ID:	ENV-101-SB01	Operator:	YP\AJ
Data file:	FE052711.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.151	6.796	0	0	300	ug/ml
Aliphatic C12-C16	6.797	10.250	324956	2.136	200	ug/ml
Aliphatic C16-C21	10.251	13.630	0	0	300	ug/ml
Aliphatic C21-C28	13.631	17.305	0	0	400	ug/ml
Aliphatic C28-C40	17.306	22.234	0	0	600	ug/ml
Aliphatic EPH	3.151	22.234	324956	2.136		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.359	13.359	6193125	51		ug/ml
Aliphatic C9-C28	3.151	17.305	324956	2.136	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-101-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015632.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.34	U	0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.38	U	0.38	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.08	U	1.08	1.88	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.26	U	2.26	3.01	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	46.8		40 - 140	94%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	45.0		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.4		40 - 140	69%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1488-01	Acq On:	10 Mar 2025 18:15
Client Sample ID:	ENV-101-SB01	Operator:	YP\AJ
Data file:	FF015632.D	Misc:	
Instrument:	FID_F	ALS Vial:	74
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	0	0	200	ug/ml
Aromatic C12-C16	6.378	9.069	0	0	300	ug/ml
Aromatic C16-C21	9.070	13.390	1463074	10.997	500	ug/ml
Aromatic C21-C36	13.391	18.845	113223	0.871	800	ug/ml
Aromatic EPH	4.505	18.845	1576297	11.868		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	5453196	46.84		ug/ml
2-Fluorobiphenyl (SURR)	8.876	8.876	3207625	45.03		ug/ml
ortho-Terphenyl (SURR)	11.935	11.935	5056753	34.38		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-101-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/10/25 09:20	03/10/25 23:32	PB167058

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.42	U	1	0.42	1.10	mg/kg	FE052715.D
Aliphatic C12-C16	Aliphatic C12-C16	0.70	J	1	0.26	0.73	mg/kg	FE052715.D
Aliphatic C16-C21	Aliphatic C16-C21	0.33	U	1	0.33	1.10	mg/kg	FE052715.D
Aliphatic C21-C28	Aliphatic C21-C28	0.88	U	1	0.88	1.47	mg/kg	FE052715.D
Aliphatic C28-C40	Aliphatic C28-C40	1.98	U	1	1.98	2.20	mg/kg	FE052715.D
Aromatic C10-C12	Aromatic C10-C12	0.33	U	1	0.33	0.73	mg/kg	FF015636.D
Aromatic C12-C16	Aromatic C12-C16	0.37	U	1	0.37	1.10	mg/kg	FF015636.D
Aromatic C16-C21	Aromatic C16-C21	1.06	U	1	1.06	1.83	mg/kg	FF015636.D
Aromatic C21-C36	Aromatic C21-C36	2.20	U	1	2.20	2.94	mg/kg	FF015636.D
Total AliphaticEPH	Total AliphaticEPH	3.87	U		3.87	6.60	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.96	U		3.96	6.60	mg/kg	
Total EPH	Total EPH	7.84	U		7.84	13.2	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-101-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052715.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.42	U	0.42	1.10	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.70	J	0.26	0.73	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.33	U	0.33	1.10	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.88	U	0.88	1.47	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.98	U	1.98	2.20	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.4		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1488-03	Acq On:	10 Mar 2025 23:32
Client Sample ID:	ENV-101-SB02	Operator:	YP\AJ
Data file:	FE052715.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.151	6.796	433142	2.777	300	ug/ml
Aliphatic C12-C16	6.797	10.250	1456046	9.573	200	ug/ml
Aliphatic C16-C21	10.251	13.630	595343	4.062	300	ug/ml
Aliphatic C21-C28	13.631	17.305	855082	6.003	400	ug/ml
Aliphatic C28-C40	17.306	22.234	2417303	18.946	600	ug/ml
Aliphatic EPH	3.151	22.234	5756916	41.362		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.357	13.357	4181776	34.44		ug/ml
Aliphatic C9-C28	3.151	17.305	3339613	22.415	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-101-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015636.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.33	U	0.33	0.73	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.37	U	0.37	1.10	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.06	U	1.06	1.83	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.20	U	2.20	2.94	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	63.6		40 - 140	127%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	59.5		40 - 140	119%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.5		40 - 140	53%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1488-03	Acq On:	10 Mar 2025 20:13
Client Sample ID:	ENV-101-SB02	Operator:	YP\AJ
Data file:	FF015636.D	Misc:	
Instrument:	FID_F	ALS Vial:	78
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	57913	0.451	200	ug/ml
Aromatic C12-C16	6.378	9.069	0	0	300	ug/ml
Aromatic C16-C21	9.070	13.390	1275048	9.584	500	ug/ml
Aromatic C21-C36	13.391	18.845	215391	1.656	800	ug/ml
Aromatic EPH	4.505	18.845	1548352	11.691		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	3899585	26.51		ug/ml
2-Bromonaphthalene (SURR)	7.998	7.998	7403413	63.6		ug/ml
2-Fluorobiphenyl (SURR)	8.875	8.875	4234903	59.45		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.7
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/10/25 09:20	03/11/25 0:03	PB167058

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.44	U	1	0.44	1.17	mg/kg	FE052716.D
Aliphatic C12-C16	Aliphatic C12-C16	0.28	U	1	0.28	0.78	mg/kg	FE052716.D
Aliphatic C16-C21	Aliphatic C16-C21	0.35	U	1	0.35	1.17	mg/kg	FE052716.D
Aliphatic C21-C28	Aliphatic C21-C28	0.93	U	1	0.93	1.55	mg/kg	FE052716.D
Aliphatic C28-C40	Aliphatic C28-C40	2.10	U	1	2.10	2.33	mg/kg	FE052716.D
Aromatic C10-C12	Aromatic C10-C12	0.35	U	1	0.35	0.78	mg/kg	FF015637.D
Aromatic C12-C16	Aromatic C12-C16	0.60	J	1	0.40	1.17	mg/kg	FF015637.D
Aromatic C16-C21	Aromatic C16-C21	3.61		1	1.12	1.94	mg/kg	FF015637.D
Aromatic C21-C36	Aromatic C21-C36	2.75	J	1	2.33	3.11	mg/kg	FF015637.D
Total AliphaticEPH	Total AliphaticEPH	4.11	U		4.11	7.00	mg/kg	
Total AromaticEPH	Total AromaticEPH	6.96	J		4.20	7.00	mg/kg	
Total EPH	Total EPH	8.30	U		8.30	14.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.7
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052716.D	1	03/10/25	03/11/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.44	U	0.44	1.17	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.28	U	0.28	0.78	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.35	U	0.35	1.17	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.93	U	0.93	1.55	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.10	U	2.10	2.33	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	49.7		40 - 140	99%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1488-05	Acq On:	11 Mar 2025 00:03
Client Sample ID:	ENV-102-SB01	Operator:	YP\AJ
Data file:	FE052716.D	Misc:	
Instrument:	FID_E	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.151	6.796	88518	0.568	300	ug/ml
Aliphatic C12-C16	6.797	10.250	253920	1.669	200	ug/ml
Aliphatic C16-C21	10.251	13.630	0	0	300	ug/ml
Aliphatic C21-C28	13.631	17.305	0	0	400	ug/ml
Aliphatic C28-C40	17.306	22.234	123278	0.966	600	ug/ml
Aliphatic EPH	3.151	22.234	465716	3.203		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.357	13.357	6034563	49.7		ug/ml
Aliphatic C9-C28	3.151	17.305	342438	2.237	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.7
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015637.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.35	U	0.35	0.78	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.60	J	0.40	1.17	mg/kg
Aromatic C16-C21	Aromatic C16-C21	3.61		1.12	1.94	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.75	J	2.33	3.11	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	56.0		40 - 140	112%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.9		40 - 140	110%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.4		40 - 140	91%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1488-05	Acq On:	10 Mar 2025 20:42
Client Sample ID:	ENV-102-SB01	Operator:	YP\AJ
Data file:	FF015637.D	Misc:	
Instrument:	FID_F	ALS Vial:	79
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	261984	2.041	200	ug/ml
Aromatic C12-C16	6.378	9.069	1046657	7.651	300	ug/ml
Aromatic C16-C21	9.070	13.390	6180335	46.455	500	ug/ml
Aromatic C21-C36	13.391	18.845	4602180	35.386	800	ug/ml
Aromatic EPH	4.505	18.845	12091156	91.533		ug/ml
ortho-Terphenyl (SURR)	11.935	11.935	6672885	45.36		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	6512903	55.95		ug/ml
2-Fluorobiphenyl (SURR)	8.875	8.875	3908861	54.88		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/10/25 09:20	03/11/25 0:33	PB167058

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.47	U	1	0.47	1.25	mg/kg	FE052717.D
Aliphatic C12-C16	Aliphatic C12-C16	0.30	U	1	0.30	0.83	mg/kg	FE052717.D
Aliphatic C16-C21	Aliphatic C16-C21	0.37	U	1	0.37	1.25	mg/kg	FE052717.D
Aliphatic C21-C28	Aliphatic C21-C28	1.00	U	1	1.00	1.66	mg/kg	FE052717.D
Aliphatic C28-C40	Aliphatic C28-C40	2.24	U	1	2.24	2.49	mg/kg	FE052717.D
Aromatic C10-C12	Aromatic C10-C12	0.37	U	1	0.37	0.83	mg/kg	FF015638.D
Aromatic C12-C16	Aromatic C12-C16	0.42	U	1	0.42	1.25	mg/kg	FF015638.D
Aromatic C16-C21	Aromatic C16-C21	1.20	U	1	1.20	2.08	mg/kg	FF015638.D
Aromatic C21-C36	Aromatic C21-C36	2.49	U	1	2.49	3.32	mg/kg	FF015638.D
Total AliphaticEPH	Total AliphaticEPH	4.38	U		4.38	7.48	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.49	U		4.49	7.48	mg/kg	
Total EPH	Total EPH	8.87	U		8.87	15.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052717.D	1	03/10/25	03/11/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.47	U	0.47	1.25	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.30	U	0.30	0.83	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.37	U	0.37	1.25	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.00	U	1.00	1.66	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.24	U	2.24	2.49	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.5		40 - 140	73%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1488-07	Acq On:	11 Mar 2025 00:33
Client Sample ID:	ENV-102-SB02	Operator:	YP\AJ
Data file:	FE052717.D	Misc:	
Instrument:	FID_E	ALS Vial:	28
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.151	6.796	80375	0.515	300	ug/ml
Aliphatic C12-C16	6.797	10.250	295416	1.942	200	ug/ml
Aliphatic C16-C21	10.251	13.630	0	0	300	ug/ml
Aliphatic C21-C28	13.631	17.305	0	0	400	ug/ml
Aliphatic C28-C40	17.306	22.234	0	0	600	ug/ml
Aliphatic EPH	3.151	22.234	375791	2.458		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.356	13.356	4436611	36.54		ug/ml
Aliphatic C9-C28	3.151	17.305	375791	2.457	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015638.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.37	U	0.37	0.83	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.42	U	0.42	1.25	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.20	U	1.20	2.08	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.49	U	2.49	3.32	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	52.6		40 - 140	105%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	50.8		40 - 140	102%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.4		40 - 140	77%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1488-07	Acq On:	10 Mar 2025 21:11
Client Sample ID:	ENV-102-SB02	Operator:	YP\AJ
Data file:	FF015638.D	Misc:	
Instrument:	FID_F	ALS Vial:	80
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	0	0	200	ug/ml
Aromatic C12-C16	6.378	9.069	0	0	300	ug/ml
Aromatic C16-C21	9.070	13.390	1467708	11.032	500	ug/ml
Aromatic C21-C36	13.391	18.845	489315	3.762	800	ug/ml
Aromatic EPH	4.505	18.845	1957023	14.795		ug/ml
ortho-Terphenyl (SURR)	11.934	11.934	5650419	38.41		ug/ml
2-Bromonaphthalene (SURR)	7.998	7.998	6119437	52.57		ug/ml
2-Fluorobiphenyl (SURR)	8.876	8.876	3620112	50.82		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-104-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.6
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/10/25 09:20	03/11/25 1:03	PB167058

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.46	U	1	0.46	1.21	mg/kg	FE052718.D
Aliphatic C12-C16	Aliphatic C12-C16	0.29	U	1	0.29	0.81	mg/kg	FE052718.D
Aliphatic C16-C21	Aliphatic C16-C21	0.36	U	1	0.36	1.21	mg/kg	FE052718.D
Aliphatic C21-C28	Aliphatic C21-C28	0.97	U	1	0.97	1.61	mg/kg	FE052718.D
Aliphatic C28-C40	Aliphatic C28-C40	2.18	U	1	2.18	2.42	mg/kg	FE052718.D
Aromatic C10-C12	Aromatic C10-C12	0.36	U	1	0.36	0.81	mg/kg	FF015639.D
Aromatic C12-C16	Aromatic C12-C16	0.76	J	1	0.41	1.21	mg/kg	FF015639.D
Aromatic C16-C21	Aromatic C16-C21	3.84		1	1.16	2.02	mg/kg	FF015639.D
Aromatic C21-C36	Aromatic C21-C36	3.72		1	2.42	3.22	mg/kg	FF015639.D
Total AliphaticEPH	Total AliphaticEPH	4.26	U		4.26	7.26	mg/kg	
Total AromaticEPH	Total AromaticEPH	8.31			4.35	7.26	mg/kg	
Total EPH	Total EPH	8.61	U		8.61	14.5	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-104-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.6
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052718.D	1	03/10/25	03/11/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.46	U	0.46	1.21	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.29	U	0.29	0.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.36	U	0.36	1.21	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.97	U	0.97	1.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.18	U	2.18	2.42	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.9		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1488-09	Acq On:	11 Mar 2025 01:03
Client Sample ID:	ENV-104-SB01	Operator:	YP\AJ
Data file:	FE052718.D	Misc:	
Instrument:	FID_E	ALS Vial:	29
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.151	6.796	134980	0.866	300	ug/ml
Aliphatic C12-C16	6.797	10.250	116104	0.763	200	ug/ml
Aliphatic C16-C21	10.251	13.630	0	0	300	ug/ml
Aliphatic C21-C28	13.631	17.305	0	0	400	ug/ml
Aliphatic C28-C40	17.306	22.234	0	0	600	ug/ml
Aliphatic EPH	3.151	22.234	251084	1.629		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.358	13.358	5213495	42.94		ug/ml
Aliphatic C9-C28	3.151	17.305	251084	1.629	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-104-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.6
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015639.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.36	U	0.36	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.76	J	0.41	1.21	mg/kg
Aromatic C16-C21	Aromatic C16-C21	3.84		1.16	2.02	mg/kg
Aromatic C21-C36	Aromatic C21-C36	3.72		2.42	3.22	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	49.3		40 - 140	99%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	51.1		40 - 140	102%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	47.5		40 - 140	95%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1488-09	Acq On:	10 Mar 2025 21:41
Client Sample ID:	ENV-104-SB01	Operator:	YP\AJ
Data file:	FF015639.D	Misc:	
Instrument:	FID_F	ALS Vial:	81
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	575436	4.483	200	ug/ml
Aromatic C12-C16	6.378	9.069	1280754	9.362	300	ug/ml
Aromatic C16-C21	9.070	13.390	6340740	47.661	500	ug/ml
Aromatic C21-C36	13.391	18.845	6003199	46.159	800	ug/ml
Aromatic EPH	4.505	18.845	14200129	107.665		ug/ml
ortho-Terphenyl (SURR)	11.935	11.935	6986134	47.49		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	5743878	49.34		ug/ml
2-Fluorobiphenyl (SURR)	8.875	8.875	3641411	51.12		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-104-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/10/25 09:20	03/11/25 1:34	PB167058

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.47	U	1	0.47	1.23	mg/kg	FE052719.D
Aliphatic C12-C16	Aliphatic C12-C16	0.30	U	1	0.30	0.82	mg/kg	FE052719.D
Aliphatic C16-C21	Aliphatic C16-C21	0.37	U	1	0.37	1.23	mg/kg	FE052719.D
Aliphatic C21-C28	Aliphatic C21-C28	0.98	U	1	0.98	1.64	mg/kg	FE052719.D
Aliphatic C28-C40	Aliphatic C28-C40	2.22	U	1	2.22	2.46	mg/kg	FE052719.D
Aromatic C10-C12	Aromatic C10-C12	0.37	U	1	0.37	0.82	mg/kg	FF015640.D
Aromatic C12-C16	Aromatic C12-C16	0.42	U	1	0.42	1.23	mg/kg	FF015640.D
Aromatic C16-C21	Aromatic C16-C21	1.18	U	1	1.18	2.05	mg/kg	FF015640.D
Aromatic C21-C36	Aromatic C21-C36	2.46	U	1	2.46	3.28	mg/kg	FF015640.D
Total AliphaticEPH	Total AliphaticEPH	4.34	U		4.34	7.38	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.43	U		4.43	7.38	mg/kg	
Total EPH	Total EPH	8.76	U		8.76	14.8	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-104-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052719.D	1	03/10/25	03/11/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.47	U	0.47	1.23	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.30	U	0.30	0.82	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.37	U	0.37	1.23	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.98	U	0.98	1.64	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.22	U	2.22	2.46	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.0		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1488-11	Acq On:	11 Mar 2025 01:34
Client Sample ID:	ENV-104-SB02	Operator:	YP\AJ
Data file:	FE052719.D	Misc:	
Instrument:	FID_E	ALS Vial:	30
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.151	6.796	110142	0.706	300	ug/ml
Aliphatic C12-C16	6.797	10.250	257610	1.694	200	ug/ml
Aliphatic C16-C21	10.251	13.630	0	0	300	ug/ml
Aliphatic C21-C28	13.631	17.305	0	0	400	ug/ml
Aliphatic C28-C40	17.306	22.234	106151	0.832	600	ug/ml
Aliphatic EPH	3.151	22.234	473903	3.232		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.357	13.357	4009135	33.02		ug/ml
Aliphatic C9-C28	3.151	17.305	367752	2.4	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-104-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015640.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.37	U	0.37	0.82	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.42	U	0.42	1.23	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.18	U	1.18	2.05	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.46	U	2.46	3.28	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.5		40 - 140	107%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	53.5		40 - 140	107%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.4		40 - 140	67%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1488-11	Acq On:	10 Mar 2025 22:10
Client Sample ID:	ENV-104-SB02	Operator:	YP\AJ
Data file:	FF015640.D	Misc:	
Instrument:	FID_F	ALS Vial:	82
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	0	0	200	ug/ml
Aromatic C12-C16	6.378	9.069	0	0	300	ug/ml
Aromatic C16-C21	9.070	13.390	1658092	12.463	500	ug/ml
Aromatic C21-C36	13.391	18.845	265196	2.039	800	ug/ml
Aromatic EPH	4.505	18.845	1923288	14.502		ug/ml
ortho-Terphenyl (SURR)	11.934	11.934	4906237	33.35		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	6223400	53.46		ug/ml
2-Fluorobiphenyl (SURR)	8.875	8.875	3813525	53.54		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-GW01	SDG No.:	Q1488
Lab Sample ID:	Q1488-13	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	810 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
03/05/25 08:25	03/05/25 18:27	PB166976

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	8.04	J	1	7.11	37.0	ug/l	FC068373.D
Aliphatic C12-C16	Aliphatic C12-C16	14.0	J	1	4.46	24.7	ug/l	FC068373.D
Aliphatic C16-C21	Aliphatic C16-C21	12.8	J	1	6.35	37.0	ug/l	FC068373.D
Aliphatic C21-C28	Aliphatic C21-C28	11.9	J	1	11.1	49.4	ug/l	FC068373.D
Aliphatic C28-C40	Aliphatic C28-C40	61.2	J	1	21.0	74.1	ug/l	FC068373.D
Aromatic C10-C12	Aromatic C10-C12	9.38	J	1	4.10	24.7	ug/l	FD049163.D
Aromatic C12-C16	Aromatic C12-C16	13.0	J	1	4.56	37.0	ug/l	FD049163.D
Aromatic C16-C21	Aromatic C16-C21	136		1	15.7	61.7	ug/l	FD049163.D
Aromatic C21-C36	Aromatic C21-C36	51.3	J	1	31.1	98.8	ug/l	FD049163.D
Total AliphaticEPH	Total AliphaticEPH	108	J		50.0	222	ug/l	
Total AromaticEPH	Total AromaticEPH	210	J		55.5	222	ug/l	
Total EPH	Total EPH	318	J		105	444	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-GW01	SDG No.:	Q1488
Lab Sample ID:	Q1488-13	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	810 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068373.D	1	03/05/25	03/05/25	PB166976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	8.04	J	7.11	37.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	14.0	J	4.46	24.7	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	12.8	J	6.35	37.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	11.9	J	11.1	49.4	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	61.2	J	21.0	74.1	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.2		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1488-13	Acq On:	05 Mar 2025 18:27
Client Sample ID:	ENV-102-GW01	Operator:	YP/AJ
Data file:	FC068373.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.102	6.366	459255	3.256	300	ug/ml
Aliphatic C12-C16	6.367	9.749	773343	5.659	200	ug/ml
Aliphatic C16-C21	9.750	13.103	681686	5.179	300	ug/ml
Aliphatic C21-C28	13.104	16.755	590149	4.81	400	ug/ml
Aliphatic C28-C40	16.756	21.556	2549539	24.79	600	ug/ml
Aliphatic EPH	3.102	21.556	5053972	43.694		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.834	12.834	3961758	35.22		ug/ml
Aliphatic C9-C28	3.102	16.755	2504433	18.904	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-GW01	SDG No.:	Q1488
Lab Sample ID:	Q1488-13	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	810 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049163.D	1	03/05/25	03/05/25	PB166976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	9.38	J	4.10	24.7	ug/l
Aromatic C12-C16	Aromatic C12-C16	13.0	J	4.56	37.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	136		15.7	61.7	ug/l
Aromatic C21-C36	Aromatic C21-C36	51.3	J	31.1	98.8	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	58.1		40 - 140	116%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	59.3		40 - 140	119%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.8		40 - 140	70%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1488-13	Acq On:	05 Mar 2025 18:27
Client Sample ID:	ENV-102-GW01	Operator:	YP/AJ
Data file:	FD049163.D	Misc:	
Instrument:	FID_D	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.075	5.793	603848	3.797	200	ug/ml
Aromatic C12-C16	5.794	8.395	849412	5.278	300	ug/ml
Aromatic C16-C21	8.396	12.660	8447939	55.086	500	ug/ml
Aromatic C21-C36	12.661	18.072	2973611	20.778	800	ug/ml
Aromatic EPH	4.075	18.072	12874810	84.939		ug/ml
ortho-Terphenyl (SURR)	11.235	11.235	5636818	34.84		ug/ml
2-Bromonaphthalene (SURR)	7.351	7.351	8320671	58.14		ug/ml
2-Fluorobiphenyl (SURR)	8.202	8.202	5210148	59.27		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-104-GW01	SDG No.:	Q1488
Lab Sample ID:	Q1488-14	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
03/05/25 08:25	03/05/25 19:04	PB166976

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.57	J	1	5.94	30.9	ug/l	FC068374.D
Aliphatic C12-C16	Aliphatic C12-C16	15.6	J	1	3.72	20.6	ug/l	FC068374.D
Aliphatic C16-C21	Aliphatic C16-C21	12.9	J	1	5.30	30.9	ug/l	FC068374.D
Aliphatic C21-C28	Aliphatic C21-C28	18.1	J	1	9.25	41.2	ug/l	FC068374.D
Aliphatic C28-C40	Aliphatic C28-C40	56.4	J	1	17.5	61.9	ug/l	FC068374.D
Aromatic C10-C12	Aromatic C10-C12	7.28	J	1	3.42	20.6	ug/l	FD049164.D
Aromatic C12-C16	Aromatic C12-C16	72.1		1	3.80	30.9	ug/l	FD049164.D
Aromatic C16-C21	Aromatic C16-C21	63.7		1	13.1	51.5	ug/l	FD049164.D
Aromatic C21-C36	Aromatic C21-C36	235		1	26.0	82.5	ug/l	FD049164.D
Total AliphaticEPH	Total AliphaticEPH	110	J		41.7	186	ug/l	
Total AromaticEPH	Total AromaticEPH	378			46.3	186	ug/l	
Total EPH	Total EPH	488			88.0	371	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-104-GW01	SDG No.:	Q1488
Lab Sample ID:	Q1488-14	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068374.D	1	03/05/25	03/05/25	PB166976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.57	J	5.94	30.9	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	15.6	J	3.72	20.6	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	12.9	J	5.30	30.9	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	18.1	J	9.25	41.2	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	56.4	J	17.5	61.9	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.6		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1488-14	Acq On:	05 Mar 2025 19:04
Client Sample ID:	ENV-104-GW01	Operator:	YP/AJ
Data file:	FC068374.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.102	6.366	449284	3.186	300	ug/ml
Aliphatic C12-C16	6.367	9.749	1033866	7.566	200	ug/ml
Aliphatic C16-C21	9.750	13.103	820660	6.235	300	ug/ml
Aliphatic C21-C28	13.104	16.755	1078800	8.793	400	ug/ml
Aliphatic C28-C40	16.756	21.556	2811569	27.338	600	ug/ml
Aliphatic EPH	3.102	21.556	6194179	53.116		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.836	12.836	4675167	41.57		ug/ml
Aliphatic C9-C28	3.102	16.755	3382610	25.78	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-104-GW01	SDG No.:	Q1488
Lab Sample ID:	Q1488-14	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049164.D	1	03/05/25	03/05/25	PB166976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	7.28	J	3.42	20.6	ug/l
Aromatic C12-C16	Aromatic C12-C16	72.1		3.80	30.9	ug/l
Aromatic C16-C21	Aromatic C16-C21	63.7		13.1	51.5	ug/l
Aromatic C21-C36	Aromatic C21-C36	235		26.0	82.5	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.9		40 - 140	108%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	53.5		40 - 140	107%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.4		40 - 140	91%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1488-14	Acq On:	05 Mar 2025 19:04
Client Sample ID:	ENV-104-GW01	Operator:	YP/AJ
Data file:	FD049164.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.075	5.793	561258	3.529	200	ug/ml
Aromatic C12-C16	5.794	8.395	5625234	34.953	300	ug/ml
Aromatic C16-C21	8.396	12.660	4741557	30.918	500	ug/ml
Aromatic C21-C36	12.661	18.072	16337879	114.159	800	ug/ml
Aromatic EPH	4.075	18.072	27265928	183.56		ug/ml
ortho-Terphenyl (SURR)	11.235	11.235	7345608	45.41		ug/ml
2-Bromonaphthalene (SURR)	7.351	7.351	7709000	53.87		ug/ml
2-Fluorobiphenyl (SURR)	8.201	8.201	4707811	53.55		ug/ml



QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: PORT06
Lab Code: CHEM CASE No.: Q1488 SAS No.: Q1488 SDG No.: Q1488
Run Number: FC030525AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
PB166976BL	80			0
PB166976BS	87			0
PB166976BSD	89			0
ENV-102-GW01	70			0
ENV-104-GW01	83			0

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

A
B
C
D
E
F
G
H
I
J

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: PORT06
Lab Code: CHEM CASE No.: Q1488 SAS No.: Q1488 SDG No.: Q1488
Run Number: FD030525AR

Client SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
PB166976BL	114	117	99	0
PB166976BS	118	115	104	0
PB166976BSD	120	118	106	0
ENV-102-GW01	116	119	70	0
ENV-104-GW01	108	107	91	0

QC LIMITS

2-Bromonaphthalene (SURR) (40-140)
2-Flurobiphenyl (SURR) (40-140)
ortho-Terphenyl (SURR) (40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: PORT06
Lab Code: CHEM CASE No.: Q1488 SAS No.: Q1488 SDG No.: Q1488
Run Number: FE031025AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
PBI67058BL	74			0
PBI67058BS	85			0
PBI67058BSD	87			0
ENV-101-SB01	102			0
ENV-101-SB01MS	74			0
ENV-101-SB01MSD	77			0
ENV-101-SB02	69			0
ENV-102-SB01	99			0
ENV-102-SB02	73			0
ENV-104-SB01	86			0
ENV-104-SB02	66			0

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: PORT06
Lab Code: CHEM CASE No.: Q1488 SAS No.: Q1488 SDG No.: Q1488
Run Number: FF031025AR

Client SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Fluorobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
PB167058BL	105	111	85	0
PB167058BS	132	135	111	0
PB167058BSD	118	119	99	0
ENV-101-SB01	94	90	69	0
ENV-101-SB01MS	110	108	65	0
ENV-101-SB01MSD	105	104	62	0
ENV-101-SB02	127	119	53	0
ENV-102-SB01	112	110	91	0
ENV-102-SB02	105	102	77	0
ENV-104-SB01	99	102	95	0
ENV-104-SB02	107	107	67	0

QC LIMITS

2-Bromonaphthalene (SURR) (40-140)
2-Fluorobiphenyl (SURR) (40-140)
ortho-Terphenyl (SURR) (40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1488 **SAS No :** Q1488 **SDG No:** Q1488
Sample No : Q1488-01MS **Datafile:** FE052713.D
Client ID : ENV-101-SB01MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C9-C12	11.3	0	6.85	61		(40-140)
Aliphatic C12-C16	7.5	0	6.01	80		(40-140)
Aliphatic C16-C21	11.3	0	9.92	88		(40-140)
Aliphatic C21-C28	15.1	0	13.1	87		(40-140)
Aliphatic C28-C40	22.6	0	22.1	98		(40-140)

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1488 **SAS No :** Q1488 **SDG No:** Q1488
Sample No : Q1488-01MSD **Datafile:** FE052714.D
Client ID : ENV-101-SB01MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS QC Limit Of RPD
Aliphatic C9-C12	11.3	0	6.97	62		1.63 (40-140) 25
Aliphatic C12-C16	7.5	0	6.12	81		1.86 (40-140) 25
Aliphatic C16-C21	11.3	0	10.1	90		1.8 (40-140) 25
Aliphatic C21-C28	15.1	0	13.3	88		1.6 (40-140) 25
Aliphatic C28-C40	22.6	0	22.5	100		1.82 (40-140) 25

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1488 **SAS No :** Q1488 **SDG No:** Q1488
Sample No : Q1488-01MS **Datafile:** FF015634.D
Client ID : ENV-101-SB01MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aromatic C10-C12	7.5	0	5.65	75		(40-140)
Aromatic C12-C16	11.3	0	9.65	86		(40-140)
Aromatic C16-C21	18.8	0	20.2	107		(40-140)
Aromatic C21-C36	30.1	0	28.9	96		(40-140)

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1488 **SAS No :** Q1488 **SDG No:** Q1488
Sample No : Q1488-01MSD **Datafile:** FF015635.D
Client ID : ENV-101-SB01MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS QC Limit Of RPD
Aromatic C10-C12	7.5	0	5.41	72		4.35 (40-140) 25
Aromatic C12-C16	11.3	0	9.32	83		3.45 (40-140) 25
Aromatic C16-C21	18.8	0	19.4	103		3.81 (40-140) 25
Aromatic C21-C36	30.1	0	28.0	93		3.17 (40-140) 25

WATER EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1488 **SAS No :** Q1488 **SDG No:** Q1488
Sample No : PB166976BS **Datafile:** FC068370.D
Client ID : PB166976BS

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS
Aliphatic C9-C12	300	152	51		(40-140)
Aliphatic C12-C16	200	152	76		(40-140)
Aliphatic C16-C21	300	262	87		(40-140)
Aliphatic C21-C28	400	362	90		(40-140)
Aliphatic C28-C40	600	596	99		(40-140)

WATER EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1488 **SAS No :** Q1488 **SDG No:** Q1488
Sample No : PB166976BSD **Datafile:** FC068371.D
Client ID : PB166976BSD

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aliphatic C9-C12	300	152	51		0.0657 (40-140)	50
Aliphatic C12-C16	200	152	76		0 (40-140)	50
Aliphatic C16-C21	300	263	88		0.41 (40-140)	50
Aliphatic C21-C28	400	362	90		0 (40-140)	50
Aliphatic C28-C40	600	597	100		0.2 (40-140)	50

WATER EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1488 **SAS No :** Q1488 **SDG No:** Q1488
Sample No : PB166976BS **Datafile:** FD049160.D
Client ID : PB166976BS

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS
Aromatic C10-C12	200	149	74		(40-140)
Aromatic C12-C16	300	274	91		(40-140)
Aromatic C16-C21	500	525	105		(40-140)
Aromatic C21-C36	800	822	102		(40-140)

WATER EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1488 **SAS No :** Q1488 **SDG No:** Q1488
Sample No : PB166976BSD **Datafile:** FD049161.D
Client ID : PB166976BSD

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aromatic C10-C12	200	151	76		1.3 (40-140)	50
Aromatic C12-C16	300	280	93		2.2 (40-140)	50
Aromatic C16-C21	500	534	106		1.7 (40-140)	50
Aromatic C21-C36	800	835	104		2.3 (40-140)	50

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1488 **SAS No :** Q1488 **SDG No:** Q1488
Sample No : PB167058BS **Datafile:** FE052709.D
Client ID : PB167058BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C9-C12	10	5.47	55		(40-140)
Aliphatic C12-C16	6.7	5.36	80		(40-140)
Aliphatic C16-C21	10	9.08	91		(40-140)
Aliphatic C21-C28	13.3	12.1	91		(40-140)
Aliphatic C28-C40	20.0	20.4	102		(40-140)

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1488 **SAS No :** Q1488 **SDG No:** Q1488
Sample No : PB167058BSD **Datafile:** FE052710.D
Client ID : PB167058BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aliphatic C9-C12	10	5.52	55		0.97 (40-140)	50
Aliphatic C12-C16	6.7	5.40	81		0.68 (40-140)	50
Aliphatic C16-C21	10	9.11	91		0.28 (40-140)	50
Aliphatic C21-C28	13.3	12.2	92		0.83 (40-140)	50
Aliphatic C28-C40	20.0	20.5	102		0.55 (40-140)	50

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1488 **SAS No :** Q1488 **SDG No:** Q1488
Sample No : PB167058BS **Datafile:** FF015630.D
Client ID : PB167058BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aromatic C10-C12	6.7	5.59	84		(40-140)
Aromatic C12-C16	10	9.97	100		(40-140)
Aromatic C16-C21	16.7	19.4	116		(40-140)
Aromatic C21-C36	26.6	29.9	112		(40-140)

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1488 **SAS No :** Q1488 **SDG No:** Q1488
Sample No : PB167058BSD **Datafile:** FF015631.D
Client ID : PB167058BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aromatic C10-C12	6.7	5.04	76		10.3 (40-140)	50
Aromatic C12-C16	10	8.92	89		11.2 (40-140)	50
Aromatic C16-C21	16.7	17.2	103		11.6 (40-140)	50
Aromatic C21-C36	26.6	26.7	100		11.1 (40-140)	50

4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166976BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q1488

SAS No.: Q1488 SDG NO.: Q1488

Instrument ID: FID_C

Lab Sample ID: PB166976BL

Matrix: (soil/water) Water

Date Extracted: 3/5/2025 8:25:00 AM

Level: (low/med) low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID
PB166976BS	PB166976BS
PB166976BSD	PB166976BSD
ENV-102-GW01	Q1488-13
ENV-104-GW01	Q1488-14

COMMENTS: _____

4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167058BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q1488

SAS No.: Q1488 SDG NO.: Q1488

Instrument ID: FID_C

Lab Sample ID: PB167058BL

Matrix: (soil/water) Solid

Date Extracted: 3/10/2025 9:20:00 A

Level: (low/med) low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID
PB167058BS	PB167058BS
PB167058BSD	PB167058BSD
ENV-101-SB01	Q1488-01
ENV-101-SB01MS	Q1488-01MS
ENV-101-SB01MSD	Q1488-01MSD
ENV-101-SB02	Q1488-03
ENV-102-SB01	Q1488-05
ENV-102-SB02	Q1488-07
ENV-104-SB01	Q1488-09
ENV-104-SB02	Q1488-11

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166976BL	SDG No.:	Q1488
Lab Sample ID:	PB166976BL	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
03/05/25 08:25	03/05/25 15:58	PB166976

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	1	5.76	30.0	ug/l	FC068369.D
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	1	3.61	20.0	ug/l	FC068369.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FC068369.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FC068369.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	1	17.0	60.0	ug/l	FC068369.D
Aromatic C10-C12	Aromatic C10-C12	3.32	U	1	3.32	20.0	ug/l	FD049159.D
Aromatic C12-C16	Aromatic C12-C16	3.69	U	1	3.69	30.0	ug/l	FD049159.D
Aromatic C16-C21	Aromatic C16-C21	12.7	U	1	12.7	50.0	ug/l	FD049159.D
Aromatic C21-C36	Aromatic C21-C36	25.2	U	1	25.2	80.0	ug/l	FD049159.D
Total AliphaticEPH	Total AliphaticEPH	40.5	U		40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	44.9	U		44.9	180	ug/l	
Total EPH	Total EPH	85.4	U		85.4	360	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166976BL	SDG No.:	Q1488
Lab Sample ID:	PB166976BL	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068369.D	1	03/05/25	03/05/25	PB166976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.0		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166976BL	Acq On:	05 Mar 2025 15:58
Client Sample ID:	PB166976BL	Operator:	YP/AJ
Data file:	FC068369.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.102	6.366	0	0	300	ug/ml
Aliphatic C12-C16	6.367	9.749	0	0	200	ug/ml
Aliphatic C16-C21	9.750	13.103	0	0	300	ug/ml
Aliphatic C21-C28	13.104	16.755	0	0	400	ug/ml
Aliphatic C28-C40	16.756	21.556	0	0	600	ug/ml
Aliphatic EPH	3.102	21.556	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.835	12.835	4498831	40		ug/ml
Aliphatic C9-C28	3.102	16.755	0	0	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166976BL	SDG No.:	Q1488
Lab Sample ID:	PB166976BL	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049159.D	1	03/05/25	03/05/25	PB166976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.32	U	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	3.69	U	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	12.7	U	12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	25.2	U	25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	57.0		40 - 140	114%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	58.3		40 - 140	117%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	49.6		40 - 140	99%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB166976BL	Acq On:	05 Mar 2025 15:58
Client Sample ID:	PB166976BL	Operator:	YP/AJ
Data file:	FD049159.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.075	5.793	0	0	200	ug/ml
Aromatic C12-C16	5.794	8.395	0	0	300	ug/ml
Aromatic C16-C21	8.396	12.660	0	0	500	ug/ml
Aromatic C21-C36	12.661	18.072	0	0	800	ug/ml
Aromatic EPH	4.075	18.072	0	0		ug/ml
2-Bromonaphthalene (SURRE)	7.351	7.351	8157579	57		ug/ml
2-Fluorobiphenyl (SURRE)	8.202	8.202	5123276	58.28		ug/ml
ortho-Terphenyl (SURRE)	11.235	11.235	8019786	49.57		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167058BL	SDG No.:	Q1488
Lab Sample ID:	PB167058BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015629.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.30	U	0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.34	U	0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	0.96	U	0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.00	U	2.00	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	52.4		40 - 140	105%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	55.7		40 - 140	111%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	42.7		40 - 140	85%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB167058BL	Acq On:	10 Mar 2025 16:47
Client Sample ID:	PB167058BL	Operator:	YP\AJ
Data file:	FF015629.D	Misc:	
Instrument:	FID_F	ALS Vial:	71
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	0	0	200	ug/ml
Aromatic C12-C16	6.378	9.069	0	0	300	ug/ml
Aromatic C16-C21	9.070	13.390	0	0	500	ug/ml
Aromatic C21-C36	13.391	18.845	0	0	800	ug/ml
Aromatic EPH	4.505	18.845	0	0		ug/ml
ortho-Terphenyl (SURR)	11.928	11.928	6277057	42.67		ug/ml
2-Bromonaphthalene (SURR)	7.986	7.986	6103809	52.43		ug/ml
2-Fluorobiphenyl (SURR)	8.864	8.864	3965538	55.67		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167058BL	SDG No.:	Q1488
Lab Sample ID:	PB167058BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/10/25 09:20	03/10/25 20:02	PB167058

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.38	U	1	0.38	1.00	mg/kg	FE052708.D
Aliphatic C12-C16	Aliphatic C12-C16	0.24	U	1	0.24	0.67	mg/kg	FE052708.D
Aliphatic C16-C21	Aliphatic C16-C21	0.30	U	1	0.30	1.00	mg/kg	FE052708.D
Aliphatic C21-C28	Aliphatic C21-C28	0.80	U	1	0.80	1.33	mg/kg	FE052708.D
Aliphatic C28-C40	Aliphatic C28-C40	1.80	U	1	1.80	2.00	mg/kg	FE052708.D
Aromatic C10-C12	Aromatic C10-C12	0.30	U	1	0.30	0.67	mg/kg	FF015629.D
Aromatic C12-C16	Aromatic C12-C16	0.34	U	1	0.34	1.00	mg/kg	FF015629.D
Aromatic C16-C21	Aromatic C16-C21	0.96	U	1	0.96	1.67	mg/kg	FF015629.D
Aromatic C21-C36	Aromatic C21-C36	2.00	U	1	2.00	2.67	mg/kg	FF015629.D
Total AliphaticEPH	Total AliphaticEPH	3.52	U		3.52	6.00	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.60	U		3.60	6.01	mg/kg	
Total EPH	Total EPH	7.12	U		7.12	12.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167058BL	SDG No.:	Q1488
Lab Sample ID:	PB167058BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052708.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.38	U	0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.24	U	0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.30	U	0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.80	U	0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.80	U	1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.1		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167058BL	Acq On:	10 Mar 2025 20:02
Client Sample ID:	PB167058BL	Operator:	YP\AJ
Data file:	FE052708.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.151	6.796	0	0	300	ug/ml
Aliphatic C12-C16	6.797	10.250	0	0	200	ug/ml
Aliphatic C16-C21	10.251	13.630	0	0	300	ug/ml
Aliphatic C21-C28	13.631	17.305	0	0	400	ug/ml
Aliphatic C28-C40	17.306	22.234	0	0	600	ug/ml
Aliphatic EPH	3.151	22.234	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.358	13.358	4505970	37.11		ug/ml
Aliphatic C9-C28	3.151	17.305	0	0	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166976BS	SDG No.:	Q1488
Lab Sample ID:	PB166976BS	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
03/05/25 08:25	03/05/25 16:35	PB166976

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	152		1	5.76	30.0	ug/l	FC068370.D
Aliphatic C12-C16	Aliphatic C12-C16	152		1	3.61	20.0	ug/l	FC068370.D
Aliphatic C16-C21	Aliphatic C16-C21	262		1	5.14	30.0	ug/l	FC068370.D
Aliphatic C21-C28	Aliphatic C21-C28	362		1	8.97	40.0	ug/l	FC068370.D
Aliphatic C28-C40	Aliphatic C28-C40	596		1	17.0	60.0	ug/l	FC068370.D
Aromatic C10-C12	Aromatic C10-C12	149		1	3.32	20.0	ug/l	FD049160.D
Aromatic C12-C16	Aromatic C12-C16	274		1	3.69	30.0	ug/l	FD049160.D
Aromatic C16-C21	Aromatic C16-C21	525		1	12.7	50.0	ug/l	FD049160.D
Aromatic C21-C36	Aromatic C21-C36	822		1	25.2	80.0	ug/l	FD049160.D
Total AliphaticEPH	Total AliphaticEPH	1520			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1770			44.9	180	ug/l	
Total EPH	Total EPH	3290			85.4	360	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166976BS	SDG No.:	Q1488
Lab Sample ID:	PB166976BS	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068370.D	1	03/05/25	03/05/25	PB166976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	152		5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	152		3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	262		5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	362		8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	596		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.4		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166976BS	Acq On:	05 Mar 2025 16:35
Client Sample ID:	PB166976BS	Operator:	YP/AJ
Data file:	FC068370.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.102	6.366	10726225	76.053	300	ug/ml
Aliphatic C12-C16	6.367	9.749	10409797	76.176	200	ug/ml
Aliphatic C16-C21	9.750	13.103	17289732	131.35	300	ug/ml
Aliphatic C21-C28	13.104	16.755	22226859	181.161	400	ug/ml
Aliphatic C28-C40	16.756	21.556	30680533	298.314	600	ug/ml
Aliphatic EPH	3.102	21.556	91333146	763.054		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.835	12.835	4883798	43.42		ug/ml
Aliphatic C9-C28	3.102	16.755	60652613	464.74	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166976BS	SDG No.:	Q1488
Lab Sample ID:	PB166976BS	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049160.D	1	03/05/25	03/05/25	PB166976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	149		3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	274		3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	525		12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	822		25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	59.1		40 - 140	118%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	57.5		40 - 140	115%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	52.0		40 - 140	104%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB166976BS	Acq On:	05 Mar 2025 16:35
Client Sample ID:	PB166976BS	Operator:	YP/AJ
Data file:	FD049160.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.075	5.793	11902233	74.847	200	ug/ml
Aromatic C12-C16	5.794	8.395	22111113	137.391	300	ug/ml
Aromatic C16-C21	8.396	12.660	40328564	262.968	500	ug/ml
Aromatic C21-C36	12.661	18.072	58861958	411.292	800	ug/ml
Aromatic EPH	4.075	18.072	133203868	886.498		ug/ml
2-Bromonaphthalene (SURRE)	7.351	7.351	8453892	59.07		ug/ml
2-Fluorobiphenyl (SURRE)	8.202	8.202	5054241	57.49		ug/ml
ortho-Terphenyl (SURRE)	11.236	11.236	8417347	52.03		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167058BS	SDG No.:	Q1488
Lab Sample ID:	PB167058BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/10/25 09:20	03/10/25 20:32	PB167058

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.47		1	0.38	1.00	mg/kg	FE052709.D
Aliphatic C12-C16	Aliphatic C12-C16	5.36		1	0.24	0.67	mg/kg	FE052709.D
Aliphatic C16-C21	Aliphatic C16-C21	9.08		1	0.30	1.00	mg/kg	FE052709.D
Aliphatic C21-C28	Aliphatic C21-C28	12.1		1	0.80	1.33	mg/kg	FE052709.D
Aliphatic C28-C40	Aliphatic C28-C40	20.4		1	1.80	2.00	mg/kg	FE052709.D
Aromatic C10-C12	Aromatic C10-C12	5.59		1	0.30	0.67	mg/kg	FF015630.D
Aromatic C12-C16	Aromatic C12-C16	9.97		1	0.34	1.00	mg/kg	FF015630.D
Aromatic C16-C21	Aromatic C16-C21	19.4		1	0.96	1.67	mg/kg	FF015630.D
Aromatic C21-C36	Aromatic C21-C36	29.9		1	2.00	2.66	mg/kg	FF015630.D
Total AliphaticEPH	Total AliphaticEPH	52.4			3.52	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	64.9			3.60	6.00	mg/kg	
Total EPH	Total EPH	117			7.12	12.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167058BS	SDG No.:	Q1488
Lab Sample ID:	PB167058BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052709.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.47		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.36		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.08		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.1		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.4		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.3		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167058BS	Acq On:	10 Mar 2025 20:32
Client Sample ID:	PB167058BS	Operator:	YP\AJ
Data file:	FE052709.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.151	6.796	12795551	82.05	300	ug/ml
Aliphatic C12-C16	6.797	10.250	12235580	80.445	200	ug/ml
Aliphatic C16-C21	10.251	13.630	19964697	136.233	300	ug/ml
Aliphatic C21-C28	13.631	17.305	25917745	181.94	400	ug/ml
Aliphatic C28-C40	17.306	22.234	39077191	306.274	600	ug/ml
Aliphatic EPH	3.151	22.234	109990764	786.942		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.359	13.359	5139492	42.33		ug/ml
Aliphatic C9-C28	3.151	17.305	70913573	480.668	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167058BS	SDG No.:	Q1488
Lab Sample ID:	PB167058BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015630.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	5.59		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	9.97		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	19.4		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	29.9		2.00	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	66.2		40 - 140	132%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	67.6		40 - 140	135%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	55.5		40 - 140	111%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB167058BS	Acq On:	10 Mar 2025 17:17
Client Sample ID:	PB167058BS	Operator:	YP\AJ
Data file:	FF015630.D	Misc:	
Instrument:	FID_F	ALS Vial:	72
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	10770670	83.909	200	ug/ml
Aromatic C12-C16	6.378	9.069	20479452	149.703	300	ug/ml
Aromatic C16-C21	9.070	13.390	38746853	291.244	500	ug/ml
Aromatic C21-C36	13.391	18.845	58466361	449.548	800	ug/ml
Aromatic EPH	4.505	18.845	128463336	974.405		ug/ml
ortho-Terphenyl (SURR)	11.934	11.934	8163013	55.49		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	7701341	66.15		ug/ml
2-Fluorobiphenyl (SURR)	8.873	8.873	4814742	67.59		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166976BSD	SDG No.:	Q1488
Lab Sample ID:	PB166976BSD	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
03/05/25 08:25	03/05/25 17:12	PB166976

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	152		1	5.76	30.0	ug/l	FC068371.D
Aliphatic C12-C16	Aliphatic C12-C16	152		1	3.61	20.0	ug/l	FC068371.D
Aliphatic C16-C21	Aliphatic C16-C21	263		1	5.14	30.0	ug/l	FC068371.D
Aliphatic C21-C28	Aliphatic C21-C28	362		1	8.97	40.0	ug/l	FC068371.D
Aliphatic C28-C40	Aliphatic C28-C40	597		1	17.0	60.0	ug/l	FC068371.D
Aromatic C10-C12	Aromatic C10-C12	151		1	3.32	20.0	ug/l	FD049161.D
Aromatic C12-C16	Aromatic C12-C16	280		1	3.69	30.0	ug/l	FD049161.D
Aromatic C16-C21	Aromatic C16-C21	534		1	12.7	50.0	ug/l	FD049161.D
Aromatic C21-C36	Aromatic C21-C36	835		1	25.2	80.0	ug/l	FD049161.D
Total AliphaticEPH	Total AliphaticEPH	1530			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1800			44.9	180	ug/l	
Total EPH	Total EPH	3330			85.4	360	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166976BSD	SDG No.:	Q1488
Lab Sample ID:	PB166976BSD	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068371.D	1	03/05/25	03/05/25	PB166976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	152		5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	152		3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	263		5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	362		8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	597		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	44.4		40 - 140	89%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166976BSD	Acq On:	05 Mar 2025 17:12
Client Sample ID:	PB166976BSD	Operator:	YP/AJ
Data file:	FC068371.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.102	6.366	10720443	76.012	300	ug/ml
Aliphatic C12-C16	6.367	9.749	10433639	76.35	200	ug/ml
Aliphatic C16-C21	9.750	13.103	17366096	131.93	300	ug/ml
Aliphatic C21-C28	13.104	16.755	22265671	181.477	400	ug/ml
Aliphatic C28-C40	16.756	21.556	30721365	298.711	600	ug/ml
Aliphatic EPH	3.102	21.556	91507214	764.481		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.835	12.835	4989985	44.37		ug/ml
Aliphatic C9-C28	3.102	16.755	60785849	465.769	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	
Client Sample ID:	PB166976BSD		SDG No.:	Q1488
Lab Sample ID:	PB166976BSD		Matrix:	Water
Analytical Method:	NJEPH		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH
Prep Method :	SW3510			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049161.D	1	03/05/25	03/05/25	PB166976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	151		3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	280		3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	534		12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	835		25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	60.2		40 - 140	120%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	58.8		40 - 140	118%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	53.2		40 - 140	106%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB166976BSD	Acq On:	05 Mar 2025 17:12
Client Sample ID:	PB166976BSD	Operator:	YP/AJ
Data file:	FD049161.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.075	5.793	12072040	75.915	200	ug/ml
Aromatic C12-C16	5.794	8.395	22584908	140.335	300	ug/ml
Aromatic C16-C21	8.396	12.660	41014616	267.441	500	ug/ml
Aromatic C21-C36	12.661	18.072	59763645	417.592	800	ug/ml
Aromatic EPH	4.075	18.072	135435209	901.284		ug/ml
2-Bromonaphthalene (SURRE)	7.351	7.351	8619183	60.23		ug/ml
2-Fluorobiphenyl (SURRE)	8.201	8.201	5168475	58.79		ug/ml
ortho-Terphenyl (SURRE)	11.236	11.236	8602132	53.17		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167058BSD	SDG No.:	Q1488
Lab Sample ID:	PB167058BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/10/25 09:20	03/10/25 21:02	PB167058

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.52		1	0.38	1.00	mg/kg	FE052710.D
Aliphatic C12-C16	Aliphatic C12-C16	5.40		1	0.24	0.67	mg/kg	FE052710.D
Aliphatic C16-C21	Aliphatic C16-C21	9.11		1	0.30	1.00	mg/kg	FE052710.D
Aliphatic C21-C28	Aliphatic C21-C28	12.2		1	0.80	1.33	mg/kg	FE052710.D
Aliphatic C28-C40	Aliphatic C28-C40	20.5		1	1.80	2.00	mg/kg	FE052710.D
Aromatic C10-C12	Aromatic C10-C12	5.04		1	0.30	0.67	mg/kg	FF015631.D
Aromatic C12-C16	Aromatic C12-C16	8.92		1	0.34	1.00	mg/kg	FF015631.D
Aromatic C16-C21	Aromatic C16-C21	17.2		1	0.96	1.67	mg/kg	FF015631.D
Aromatic C21-C36	Aromatic C21-C36	26.7		1	2.00	2.66	mg/kg	FF015631.D
Total AliphaticEPH	Total AliphaticEPH	52.7			3.52	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	57.9			3.60	6.00	mg/kg	
Total EPH	Total EPH	111			7.12	12.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167058BSD	SDG No.:	Q1488
Lab Sample ID:	PB167058BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052710.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
	Aliphatic C9-C12	Aliphatic C9-C12	5.52	0.38	1.00	mg/kg
	Aliphatic C12-C16	Aliphatic C12-C16	5.40	0.24	0.67	mg/kg
	Aliphatic C16-C21	Aliphatic C16-C21	9.11	0.30	1.00	mg/kg
	Aliphatic C21-C28	Aliphatic C21-C28	12.2	0.80	1.33	mg/kg
	Aliphatic C28-C40	Aliphatic C28-C40	20.5	1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.6		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167058BSD	Acq On:	10 Mar 2025 21:02
Client Sample ID:	PB167058BSD	Operator:	YP\AJ
Data file:	FE052710.D	Misc:	
Instrument:	FID_E	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.151	6.796	12921375	82.857	300	ug/ml
Aliphatic C12-C16	6.797	10.250	12321945	81.013	200	ug/ml
Aliphatic C16-C21	10.251	13.630	20040339	136.749	300	ug/ml
Aliphatic C21-C28	13.631	17.305	26003921	182.545	400	ug/ml
Aliphatic C28-C40	17.306	22.234	39350470	308.416	600	ug/ml
Aliphatic EPH	3.151	22.234	110638050	791.58		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.359	13.359	5296371	43.62		ug/ml
Aliphatic C9-C28	3.151	17.305	71287580	483.164	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167058BSD	SDG No.:	Q1488
Lab Sample ID:	PB167058BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015631.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	5.04		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.92		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	17.2		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	26.7		2.00	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	58.9		40 - 140	118%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	59.7		40 - 140	119%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	49.4		40 - 140	99%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB167058BSD	Acq On:	10 Mar 2025 17:46
Client Sample ID:	PB167058BSD	Operator:	YP\AJ
Data file:	FF015631.D	Misc:	
Instrument:	FID_F	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	9716976	75.7	200	ug/ml
Aromatic C12-C16	6.378	9.069	18310299	133.847	300	ug/ml
Aromatic C16-C21	9.070	13.390	34377265	258.4	500	ug/ml
Aromatic C21-C36	13.391	18.845	52124145	400.783	800	ug/ml
Aromatic EPH	4.505	18.845	114528685	868.73		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	6861975	58.94		ug/ml
2-Fluorobiphenyl (SURR)	8.874	8.874	4252404	59.7		ug/ml
ortho-Terphenyl (SURR)	11.935	11.935	7259660	49.35		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	ENV-101-SB01MS	SDG No.:	Q1488
Lab Sample ID:	Q1488-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015634.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	5.65		0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	9.65		0.38	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	20.2		1.08	1.88	mg/kg
Aromatic C21-C36	Aromatic C21-C36	28.9		2.26	3.01	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	54.8		40 - 140	110%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.0		40 - 140	108%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.3		40 - 140	65%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1488-01MS	Acq On:	10 Mar 2025 19:14
Client Sample ID:	ENV-101-SB01MS	Operator:	YP\AJ
Data file:	FF015634.D	Misc:	
Instrument:	FID_F	ALS Vial:	76
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	9632518	75.042	200	ug/ml
Aromatic C12-C16	6.378	9.069	17543252	128.24	300	ug/ml
Aromatic C16-C21	9.070	13.390	35645327	267.931	500	ug/ml
Aromatic C21-C36	13.391	18.845	49991384	384.384	800	ug/ml
Aromatic EPH	4.505	18.845	112812481	855.598		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	6376280	54.77		ug/ml
2-Fluorobiphenyl (SURR)	8.875	8.875	3847204	54.01		ug/ml
ortho-Terphenyl (SURR)	11.934	11.934	4755517	32.33		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	ENV-101-SB01MS	SDG No.:	Q1488
Lab Sample ID:	Q1488-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/10/25 09:20	03/10/25 22:32	PB167058

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	6.85		1	0.43	1.13	mg/kg FE052713.D
Aliphatic C12-C16	Aliphatic C12-C16	6.01		1	0.27	0.75	mg/kg FE052713.D
Aliphatic C16-C21	Aliphatic C16-C21	9.92		1	0.34	1.13	mg/kg FE052713.D
Aliphatic C21-C28	Aliphatic C21-C28	13.1		1	0.90	1.51	mg/kg FE052713.D
Aliphatic C28-C40	Aliphatic C28-C40	22.1		1	2.03	2.26	mg/kg FE052713.D
Aromatic C10-C12	Aromatic C10-C12	5.65		1	0.34	0.75	mg/kg FF015634.D
Aromatic C12-C16	Aromatic C12-C16	9.65		1	0.38	1.13	mg/kg FF015634.D
Aromatic C16-C21	Aromatic C16-C21	20.2		1	1.08	1.88	mg/kg FF015634.D
Aromatic C21-C36	Aromatic C21-C36	28.9		1	2.26	3.01	mg/kg FF015634.D
Total AliphaticEPH	Total AliphaticEPH	58.0			3.97	6.78	mg/kg
Total AromaticEPH	Total AromaticEPH	64.4			4.06	6.77	mg/kg
Total EPH	Total EPH	122			8.04	13.6	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	ENV-101-SB01MS	SDG No.:	Q1488
Lab Sample ID:	Q1488-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052713.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
	Aliphatic C9-C12	6.85		0.43	1.13	mg/kg
	Aliphatic C12-C16	6.01		0.27	0.75	mg/kg
	Aliphatic C16-C21	9.92		0.34	1.13	mg/kg
	Aliphatic C21-C28	13.1		0.90	1.51	mg/kg
	Aliphatic C28-C40	22.1		2.03	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.2		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1488-01MS	Acq On:	10 Mar 2025 22:32
Client Sample ID:	ENV-101-SB01MS	Operator:	YP\AJ
Data file:	FE052713.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.151	6.796	14189685	90.99	300	ug/ml
Aliphatic C12-C16	6.797	10.250	12145715	79.854	200	ug/ml
Aliphatic C16-C21	10.251	13.630	19314595	131.797	300	ug/ml
Aliphatic C21-C28	13.631	17.305	24800139	174.095	400	ug/ml
Aliphatic C28-C40	17.306	22.234	37529294	294.142	600	ug/ml
Aliphatic EPH	3.151	22.234	107979428	770.878		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.358	13.358	4515939	37.19		ug/ml
Aliphatic C9-C28	3.151	17.305	70450134	476.736	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	ENV-101-SB01MSD	SDG No.:	Q1488
Lab Sample ID:	Q1488-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015635.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	5.41		0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	9.32		0.38	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	19.4		1.08	1.88	mg/kg
Aromatic C21-C36	Aromatic C21-C36	28.0		2.26	3.01	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	52.6		40 - 140	105%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	52.1		40 - 140	104%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.2		40 - 140	62%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1488-01MSD	Acq On:	10 Mar 2025 19:43
Client Sample ID:	ENV-101-SB01MSD	Operator:	YP\AJ
Data file:	FF015635.D	Misc:	
Instrument:	FID_F	ALS Vial:	77
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	9225495	71.871	200	ug/ml
Aromatic C12-C16	6.378	9.069	16936549	123.805	300	ug/ml
Aromatic C16-C21	9.070	13.390	34308114	257.88	500	ug/ml
Aromatic C21-C36	13.391	18.845	48358182	371.826	800	ug/ml
Aromatic EPH	4.505	18.845	108828340	825.383		ug/ml
ortho-Terphenyl (SURR)	11.934	11.934	4585479	31.17		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	6125678	52.62		ug/ml
2-Fluorobiphenyl (SURR)	8.875	8.875	3708178	52.06		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	ENV-101-SB01MSD	SDG No.:	Q1488
Lab Sample ID:	Q1488-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/10/25 09:20	03/10/25 23:03	PB167058

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	6.97		1	0.43	1.13	mg/kg FE052714.D
Aliphatic C12-C16	Aliphatic C12-C16	6.12		1	0.27	0.75	mg/kg FE052714.D
Aliphatic C16-C21	Aliphatic C16-C21	10.1		1	0.34	1.13	mg/kg FE052714.D
Aliphatic C21-C28	Aliphatic C21-C28	13.3		1	0.90	1.51	mg/kg FE052714.D
Aliphatic C28-C40	Aliphatic C28-C40	22.5		1	2.03	2.26	mg/kg FE052714.D
Aromatic C10-C12	Aromatic C10-C12	5.41		1	0.34	0.75	mg/kg FF015635.D
Aromatic C12-C16	Aromatic C12-C16	9.32		1	0.38	1.13	mg/kg FF015635.D
Aromatic C16-C21	Aromatic C16-C21	19.4		1	1.08	1.88	mg/kg FF015635.D
Aromatic C21-C36	Aromatic C21-C36	28.0		1	2.26	3.01	mg/kg FF015635.D
Total AliphaticEPH	Total AliphaticEPH	59.0			3.97	6.78	mg/kg
Total AromaticEPH	Total AromaticEPH	62.1			4.06	6.77	mg/kg
Total EPH	Total EPH	121			8.04	13.6	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	ENV-101-SB01MSD	SDG No.:	Q1488
Lab Sample ID:	Q1488-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052714.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
	Aliphatic C9-C12	6.97		0.43	1.13	mg/kg
	Aliphatic C12-C16	6.12		0.27	0.75	mg/kg
	Aliphatic C16-C21	10.1		0.34	1.13	mg/kg
	Aliphatic C21-C28	13.3		0.90	1.51	mg/kg
	Aliphatic C28-C40	22.5		2.03	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.6		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1488-01MSD	Acq On:	10 Mar 2025 23:03
Client Sample ID:	ENV-101-SB01MSD	Operator:	YP\AJ
Data file:	FE052714.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.151	6.796	14451806	92.67	300	ug/ml
Aliphatic C12-C16	6.797	10.250	12376069	81.369	200	ug/ml
Aliphatic C16-C21	10.251	13.630	19637423	134	300	ug/ml
Aliphatic C21-C28	13.631	17.305	25253768	177.279	400	ug/ml
Aliphatic C28-C40	17.306	22.234	38123703	298.801	600	ug/ml
Aliphatic EPH	3.151	22.234	109842769	784.119		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.358	13.358	4685264	38.59		ug/ml
Aliphatic C9-C28	3.151	17.305	71719066	485.318	1200	ug/ml



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FC021125AL

AreaCount

Parameter Range	FC068252.D	FC068253.D	FC068254.D	FC068255.D	FC068256.D	
Aliphatic C9-C12	39331006.000	20240186.000	8511519.000	4474674.000	2221877.000	
Aliphatic C12-C16	25563872.000	13091029.000	5472087.000	2866719.000	1444048.000	
Aliphatic C16-C21	36707935.000	18751121.000	7907675.000	4144581.000	2112599.000	
Aliphatic C21-C28	45593595.000	23234194.000	9834944.000	5144532.000	2635031.000	
Aliphatic C28-C40	56736862.000	29009865.000	12324513.000	6514067.000	3350978.000	
Aliphatic EPH	203933270.000	104326395.000	44050738.000	23144573.000	11764533.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	141035.5019998	5.636				
Aliphatic C12-C16	136654.515	5.375				
Aliphatic C16-C21	131630.8946664	6.092				
Aliphatic C21-C28	122691.3215	6.255				
Aliphatic C28-C40	102846.462333	7.171				
Aliphatic EPH	122175.1266664	6.234				

Concentration

Parameter Range	FC068252.D	FC068253.D	FC068254.D	FC068255.D	FC068256.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FC068252.D	FC068253.D	FC068254.D	FC068255.D	FC068256.D	
Aliphatic C9-C12	131103.353333	134934.573333	141858.650000	149155.800000	148125.133333	
Aliphatic C12-C16	127819.360000	130910.290000	136802.175000	143335.950000	144404.800000	
Aliphatic C16-C21	122359.783333	125007.473333	131794.583333	138152.700000	140839.933333	

Initial Calibration Report for SequenceID : FC021125AL

Aliphatic C21-C28	113983.987500	116170.970000	122936.800000	128613.300000	131751.550000	
Aliphatic C28-C40	94561.436666	96699.550000	102704.275000	108567.783333	111699.266666	
Aliphatic EPH	113296.261111	115918.216666	122363.161111	128580.961111	130717.033333	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
 Data File : FC068252.D
 Signal(s) : FID1A.ch
 Acq On : 10 Feb 2025 16:24
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Feb 11 02:30:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 11 02:29:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.410	14212174	92.574 ug/ml
Spiked Amount 50.000		Recovery =	185.15%
12) S 1-chlorooctadecane (S...	12.849	10559687	93.495 ug/ml
Spiked Amount 50.000		Recovery =	186.99%
Target Compounds			
1) T n-Nonane (C9)	3.211	13034849	92.005 ug/ml
2) T n-Decane (C10)	4.270	13187244	92.433 ug/ml
3) T A~Naphthalene (C11.7)	5.838	14533716	93.918 ug/ml
4) T n-Dodecane (C12)	6.280	13108913	92.818 ug/ml
5) T A~2-methylnaphthalene...	6.891	13929436	94.987 ug/ml
6) T n-Tetradecane (C14)	8.068	12728359	93.377 ug/ml
7) T n-Hexadecane (C16)	9.664	12835513	93.490 ug/ml
8) T n-Octadecane (C18)	11.104	12748213	93.034 ug/ml
10) T n-Eicosane (C20)	12.408	12107311	92.743 ug/ml
11) T n-Heneicosane (C21)	13.019	11852411	92.734 ug/ml
13) T n-Docosane (C22)	13.604	11728617	92.902 ug/ml
14) T n-Tetracosane (C24)	14.704	11568914	92.905 ug/ml
15) T n-Hexacosane (C26)	15.723	11302843	92.721 ug/ml
16) T n-Octacosane (C28)	16.671	10993221	92.322 ug/ml
17) T n-Tricontane (C30)	17.556	11027160	91.890 ug/ml
18) T n-Dotriacontane (C32)	18.388	10599289	91.711 ug/ml
19) T n-Tetratriacontane (C34)	19.170	9898762	91.900 ug/ml
20) T n-Hexatriacontane (C36)	19.908	8865949	92.289 ug/ml
21) T n-Octatriacontane (C38)	20.619	8293679	91.939 ug/ml
22) T n-Tetracontane (C40)	21.474	8052023	92.913 ug/ml

(f)=RT Delta > 1/2 Window

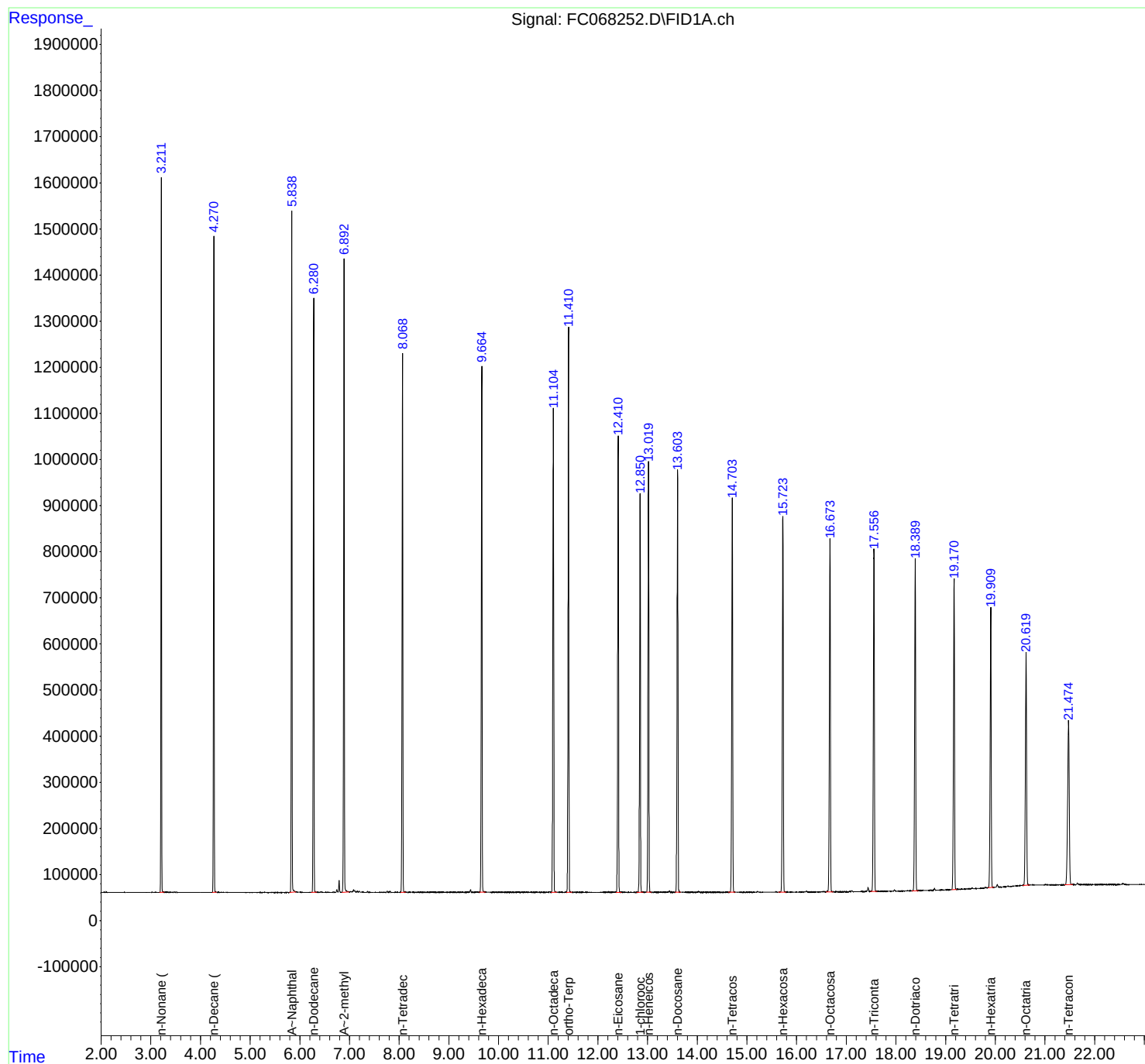
(m)=manual int.

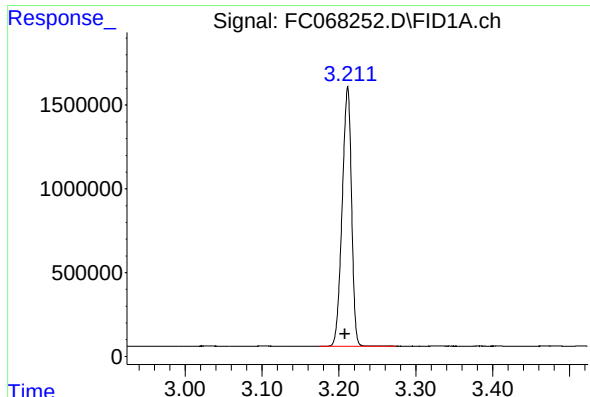
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
Data File : FC068252.D
Signal(s) : FID1A.ch
Acq On : 10 Feb 2025 16:24
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Feb 11 02:30:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Tue Feb 11 02:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

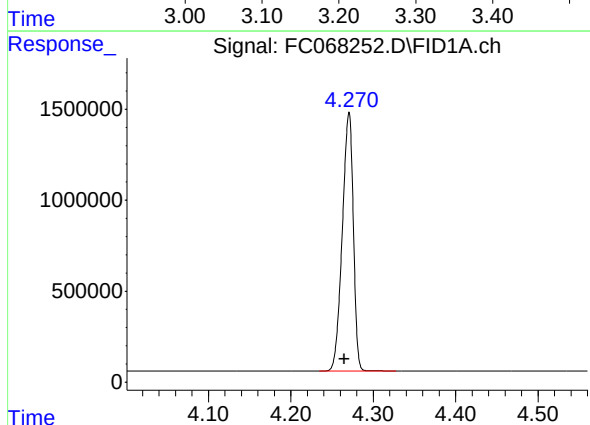
R.T.: 3.211 min
Delta R.T.: 0.003 min
Response: 13034849
Conc: 92.01 ug/ml

Instrument :

FID_C

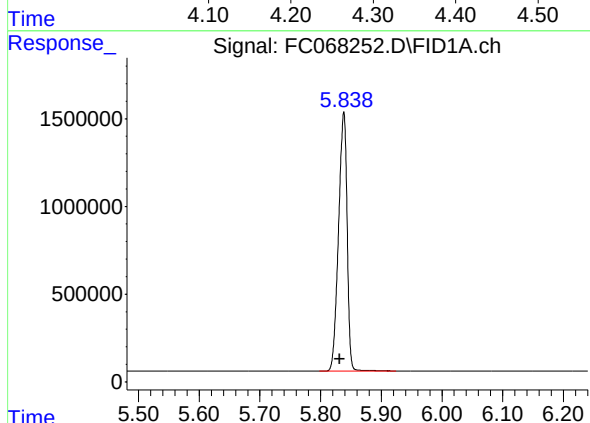
ClientSampleId :

100 PPM ALIPHATIC HC STD1



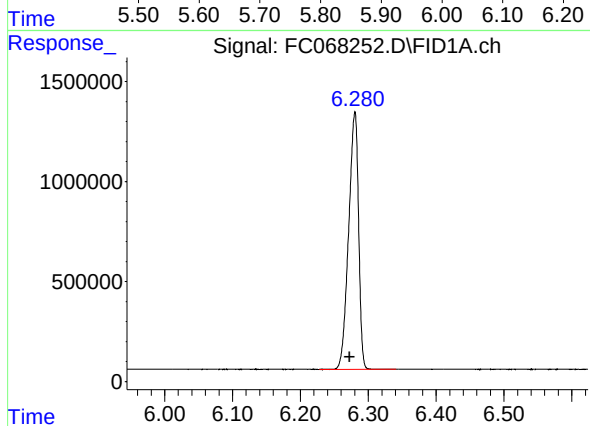
#2 n-Decane (C10)

R.T.: 4.270 min
Delta R.T.: 0.005 min
Response: 13187244
Conc: 92.43 ug/ml



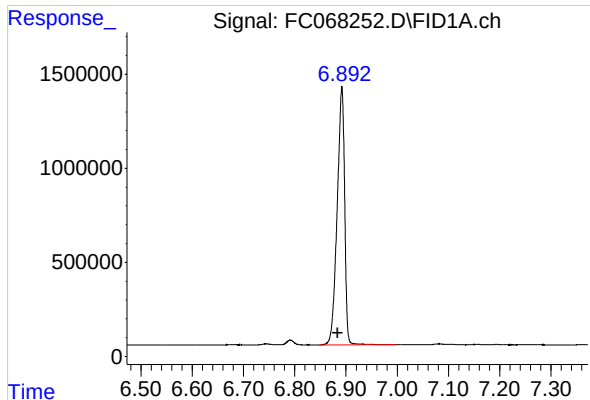
#3 A~Naphthalene (C11.7)

R.T.: 5.838 min
Delta R.T.: 0.006 min
Response: 14533716
Conc: 93.92 ug/ml



#4 n-Dodecane (C12)

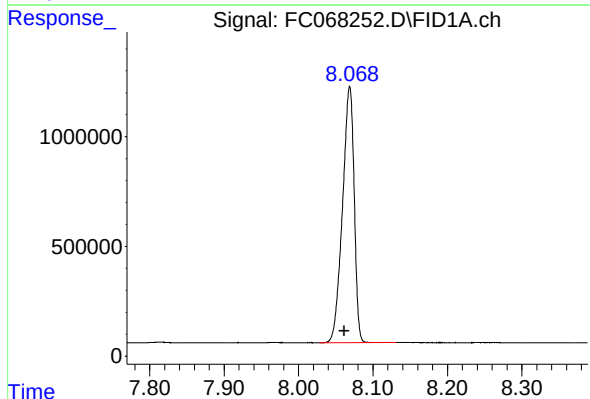
R.T.: 6.280 min
Delta R.T.: 0.007 min
Response: 13108913
Conc: 92.82 ug/ml



#5 A~2-methylnaphthalene (C12.89)

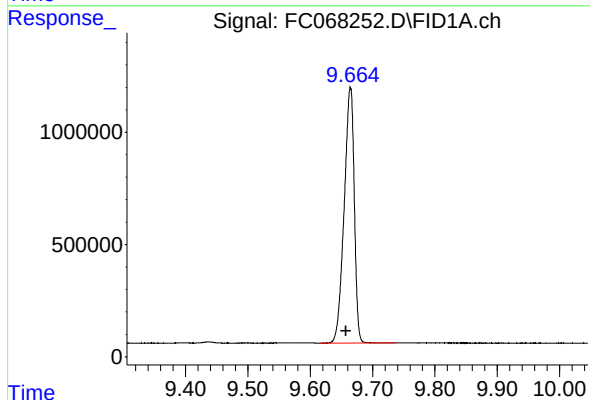
R.T.: 6.891 min
Delta R.T.: 0.007 min
Response: 13929436
Conc: 94.99 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



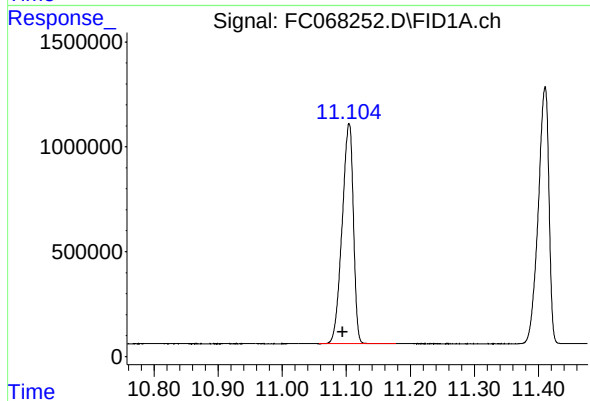
#6 n-Tetradecane (C14)

R.T.: 8.068 min
Delta R.T.: 0.007 min
Response: 12728359
Conc: 93.38 ug/ml



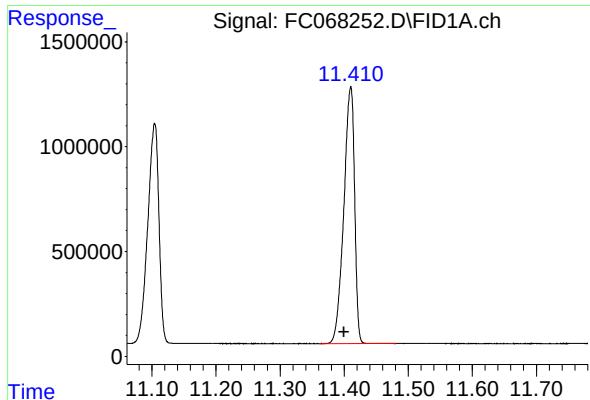
#7 n-Hexadecane (C16)

R.T.: 9.664 min
Delta R.T.: 0.007 min
Response: 12835513
Conc: 93.49 ug/ml



#8 n-Octadecane (C18)

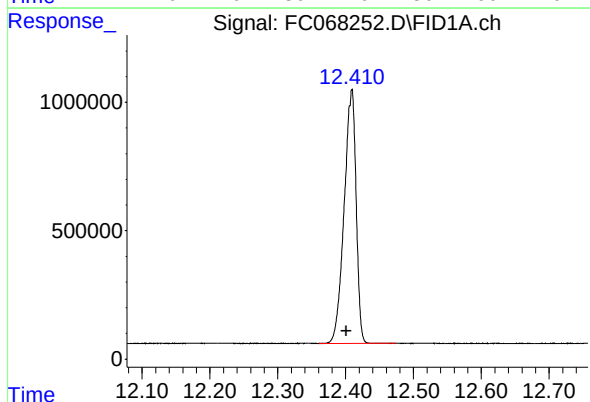
R.T.: 11.104 min
Delta R.T.: 0.009 min
Response: 12748213
Conc: 93.03 ug/ml



#9 ortho-Terphenyl (SURR)

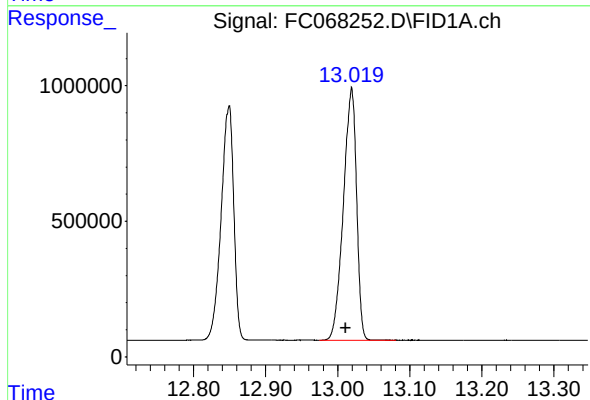
R.T.: 11.410 min
Delta R.T.: 0.010 min
Response: 14212174
Conc: 92.57 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



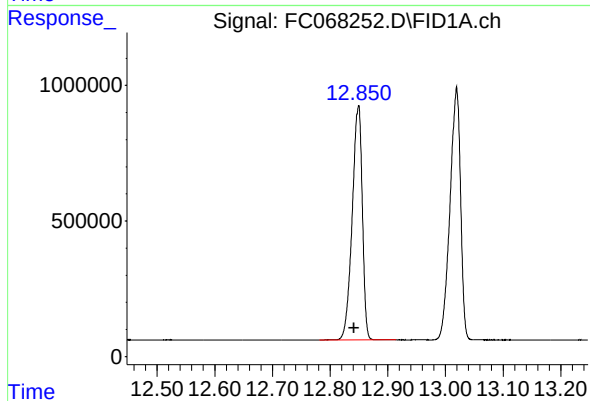
#10 n-Eicosane (C20)

R.T.: 12.408 min
Delta R.T.: 0.007 min
Response: 12107311
Conc: 92.74 ug/ml



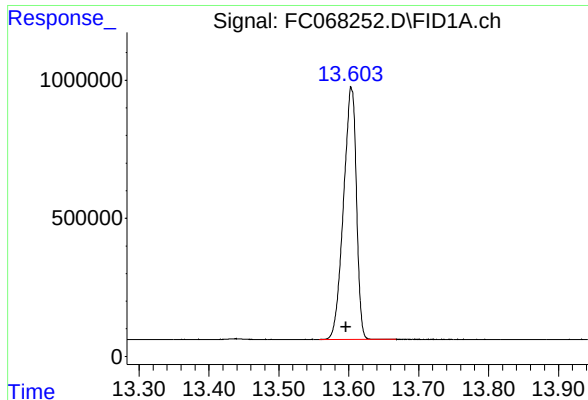
#11 n-Heneicosane (C21)

R.T.: 13.019 min
Delta R.T.: 0.008 min
Response: 11852411
Conc: 92.73 ug/ml



#12 1-chlorooctadecane (SURR)

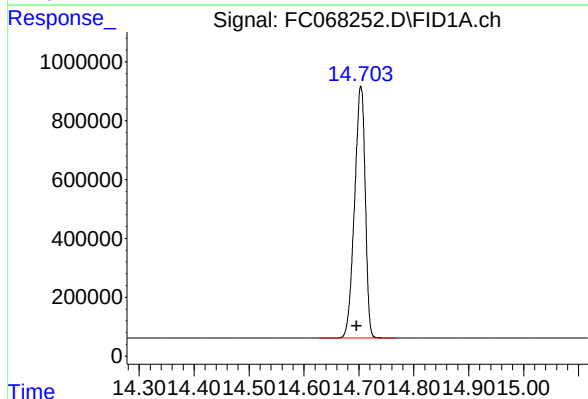
R.T.: 12.849 min
Delta R.T.: 0.007 min
Response: 10559687
Conc: 93.50 ug/ml



#13 n-Docosane (C22)

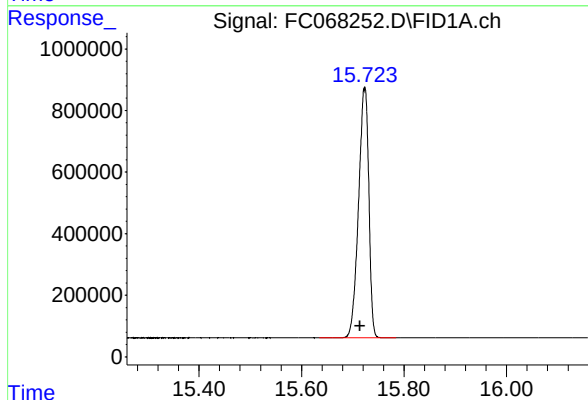
R.T.: 13.604 min
Delta R.T.: 0.008 min
Response: 11728617
Conc: 92.90 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



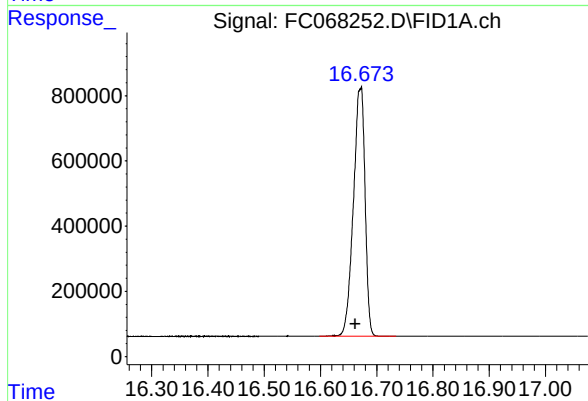
#14 n-Tetracosane (C24)

R.T.: 14.704 min
Delta R.T.: 0.008 min
Response: 11568914
Conc: 92.91 ug/ml



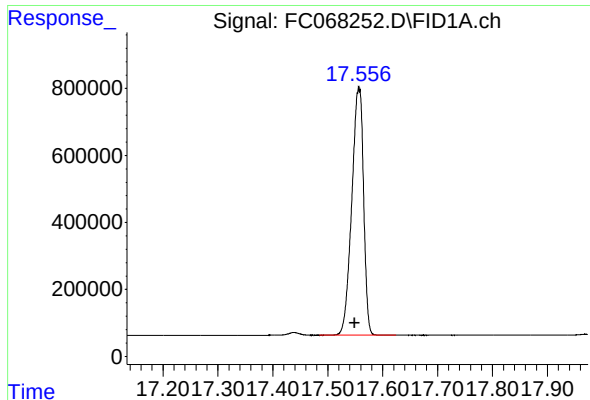
#15 n-Hexacosane (C26)

R.T.: 15.723 min
Delta R.T.: 0.009 min
Response: 11302843
Conc: 92.72 ug/ml



#16 n-Octacosane (C28)

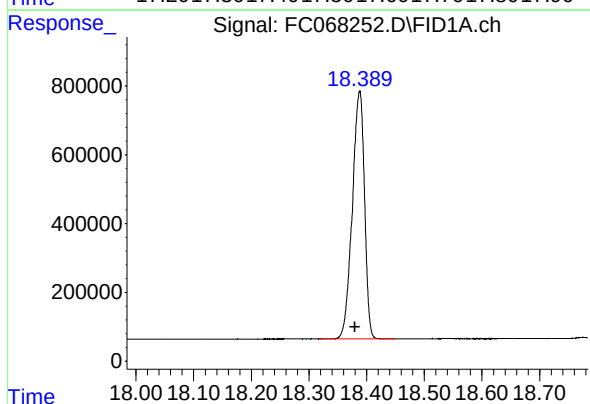
R.T.: 16.671 min
Delta R.T.: 0.009 min
Response: 10993221
Conc: 92.32 ug/ml



#17 n-Tricontane (C30)

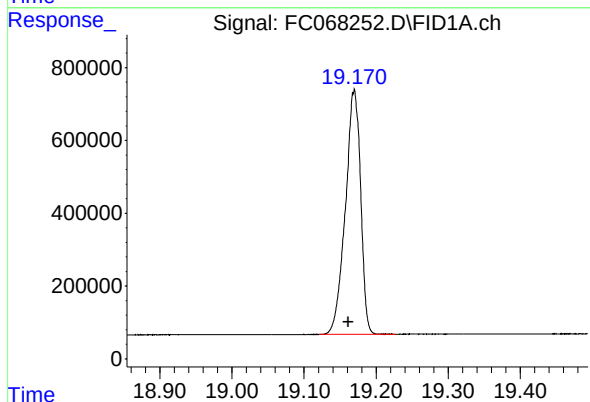
R.T.: 17.556 min
Delta R.T.: 0.007 min
Response: 11027160
Conc: 91.89 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



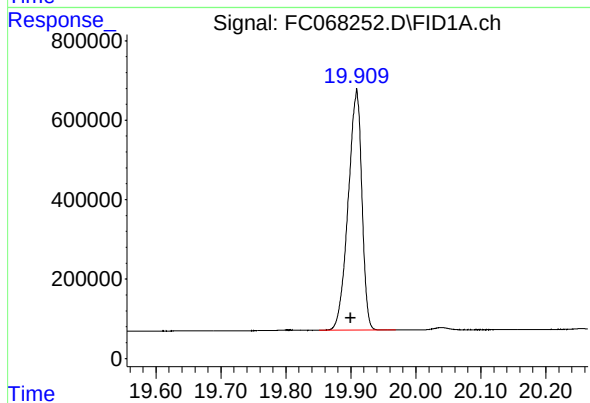
#18 n-Dotriacontane (C32)

R.T.: 18.388 min
Delta R.T.: 0.008 min
Response: 10599289
Conc: 91.71 ug/ml



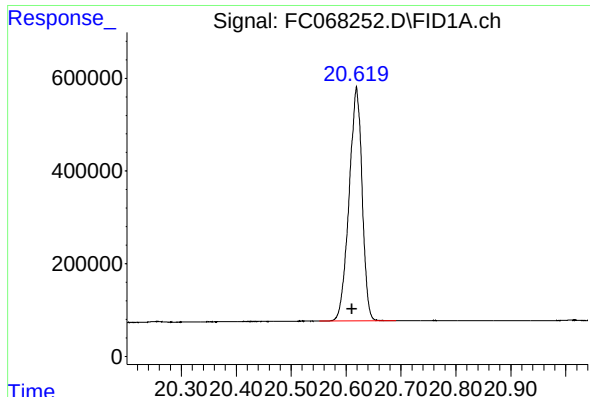
#19 n-Tetratriacontane (C34)

R.T.: 19.170 min
Delta R.T.: 0.008 min
Response: 9898762
Conc: 91.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.908 min
Delta R.T.: 0.008 min
Response: 8865949
Conc: 92.29 ug/ml



#21 n-Octatriacontane (C38)

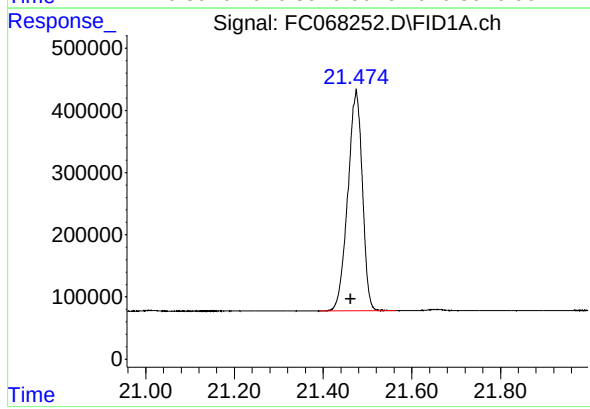
R.T.: 20.619 min
Delta R.T.: 0.008 min
Response: 8293679
Conc: 91.94 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.474 min
Delta R.T.: 0.012 min
Response: 8052023
Conc: 92.91 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
Data File : FC068252.D
Signal(s) : FID1A.ch
Acq On : 10 Feb 2025 16:24
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.211	3.174	3.274	BB	1536067	13034849	89.69%	5.069%
2	4.270	4.234	4.328	BB	1438029	13187244	90.74%	5.128%
3	5.838	5.798	5.924	BB	1468511	14533716	100.00%	5.651%
4	6.280	6.228	6.341	BB	1303761	13108913	90.20%	5.097%
5	6.891	6.848	6.998	BB	1352654	13929436	95.84%	5.416%
6	8.068	8.028	8.131	BB	1162652	12728359	87.58%	4.949%
7	9.664	9.614	9.738	BB	1144286	12835513	88.32%	4.991%
8	11.104	11.058	11.178	BB	1054227	12748213	87.71%	4.957%
9	11.410	11.361	11.481	BB	1241101	14212174	97.79%	5.526%
10	12.408	12.361	12.474	BB	966080	12107311	83.30%	4.708%
11	12.849	12.781	12.914	BB	856617	10559687	72.66%	4.106%
12	13.019	12.974	13.081	BB	912197	11852411	81.55%	4.609%
13	13.604	13.558	13.668	BB	916235	11728617	80.70%	4.561%
14	14.704	14.628	14.768	BB	856005	11568914	79.60%	4.499%
15	15.723	15.634	15.784	BB	820737	11302843	77.77%	4.395%
16	16.671	16.598	16.734	BB	759899	10993221	75.64%	4.275%
17	17.556	17.484	17.624	BB	738963	11027160	75.87%	4.288%
18	18.388	18.318	18.451	BB	719758	10599289	72.93%	4.122%
19	19.170	19.121	19.228	BB	668913	9898762	68.11%	3.849%
20	19.908	19.851	19.969	BBA	593167	8865949	61.00%	3.448%
21	20.619	20.551	20.691	BB	499026	8293679	57.07%	3.225%
22	21.474	21.391	21.564	BB	353119	8052023	55.40%	3.131%
Sum of corrected areas:						257168283		

Aliphatic EPH 021125.M Tue Feb 11 02:39:04 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
 Data File : FC068253.D
 Signal(s) : FID1A.ch
 Acq On : 10 Feb 2025 17:01
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 11 02:30:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 11 02:29:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.404	7265657	47.326 ug/ml
Spiked Amount 50.000		Recovery =	94.65%
12) S 1-chlorooctadecane (S...	12.845	5379642	47.631 ug/ml
Spiked Amount 50.000		Recovery =	95.26%
Target Compounds			
1) T n-Nonane (C9)	3.209	6719412	47.428 ug/ml
2) T n-Decane (C10)	4.267	6784596	47.555 ug/ml
3) T A~Naphthalene (C11.7)	5.834	7434634	48.043 ug/ml
4) T n-Dodecane (C12)	6.276	6736178	47.696 ug/ml
5) T A~2-methylnaphthalene...	6.887	7096295	48.391 ug/ml
6) T n-Tetradecane (C14)	8.065	6521596	47.844 ug/ml
7) T n-Hexadecane (C16)	9.660	6569433	47.850 ug/ml
8) T n-Octadecane (C18)	11.099	6516282	47.555 ug/ml
10) T n-Eicosane (C20)	12.404	6182901	47.362 ug/ml
11) T n-Heneicosane (C21)	13.014	6051938	47.351 ug/ml
13) T n-Docosane (C22)	13.599	5978682	47.357 ug/ml
14) T n-Tetracosane (C24)	14.700	5893630	47.329 ug/ml
15) T n-Hexacosane (C26)	15.718	5756725	47.224 ug/ml
16) T n-Octacosane (C28)	16.665	5605157	47.073 ug/ml
17) T n-Tricontane (C30)	17.551	5630196	46.917 ug/ml
18) T n-Dotriacontane (C32)	18.383	5417986	46.879 ug/ml
19) T n-Tetratriacontane (C34)	19.165	5059593	46.973 ug/ml
20) T n-Hexatriacontane (C36)	19.902	4533198	47.188 ug/ml
21) T n-Octatriacontane (C38)	20.614	4246406	47.073 ug/ml
22) T n-Tetracontane (C40)	21.465	4122486	47.570 ug/ml

(f)=RT Delta > 1/2 Window

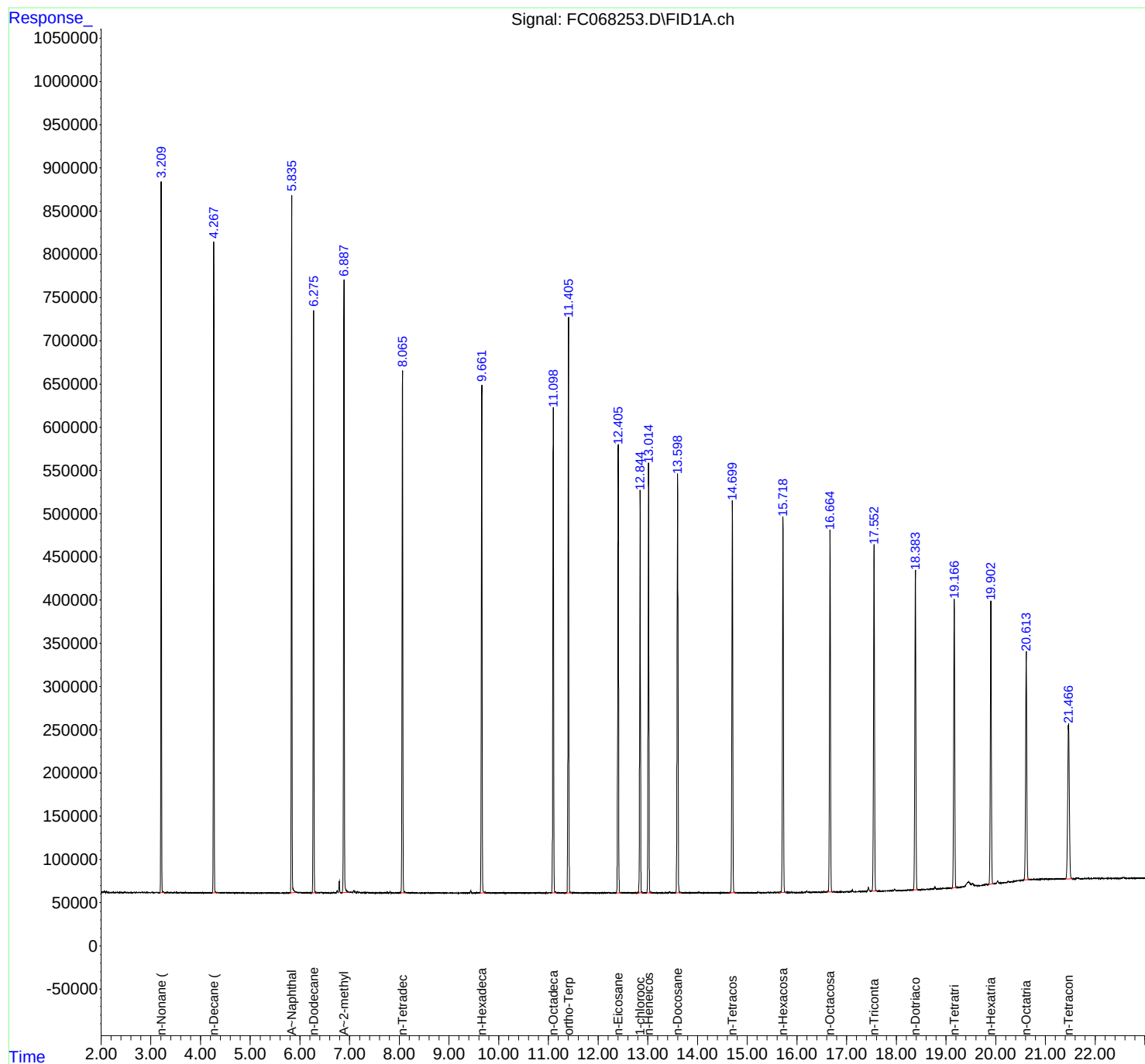
(m)=manual int.

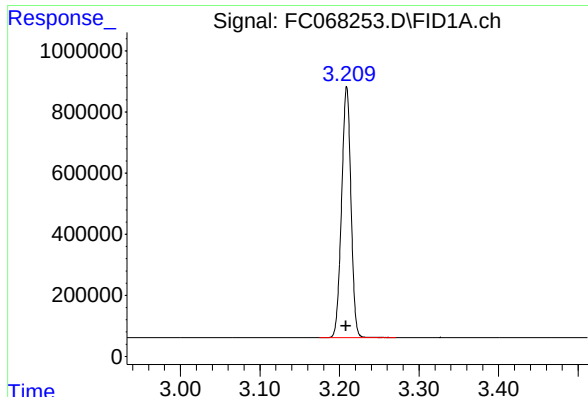
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
Data File : FC068253.D
Signal(s) : FID1A.ch
Acq On : 10 Feb 2025 17:01
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Feb 11 02:30:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Tue Feb 11 02:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

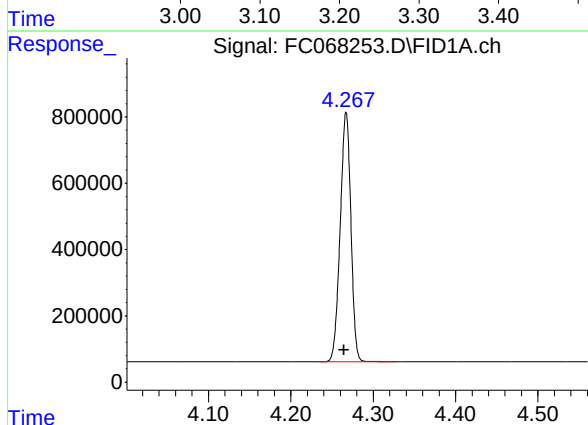




#1 n-Nonane (C9)

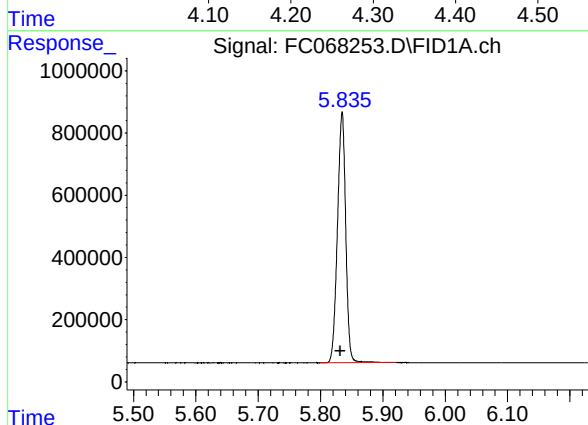
R.T.: 3.209 min
Delta R.T.: 0.000 min
Response: 6719412
Conc: 47.43 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



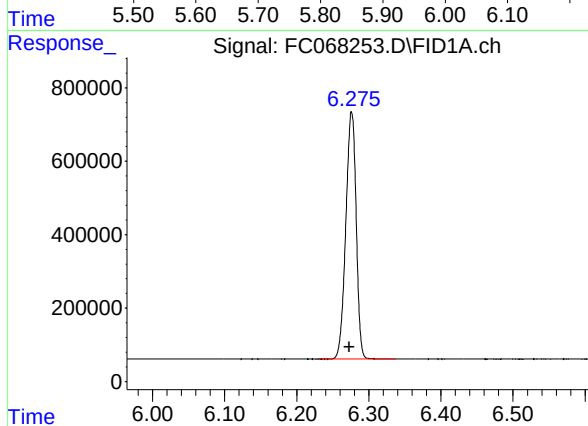
#2 n-Decane (C10)

R.T.: 4.267 min
Delta R.T.: 0.002 min
Response: 6784596
Conc: 47.56 ug/ml



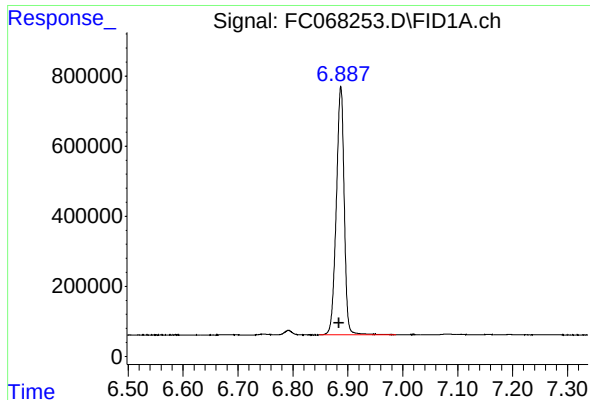
#3 A~Naphthalene (C11.7)

R.T.: 5.834 min
Delta R.T.: 0.003 min
Response: 7434634
Conc: 48.04 ug/ml



#4 n-Dodecane (C12)

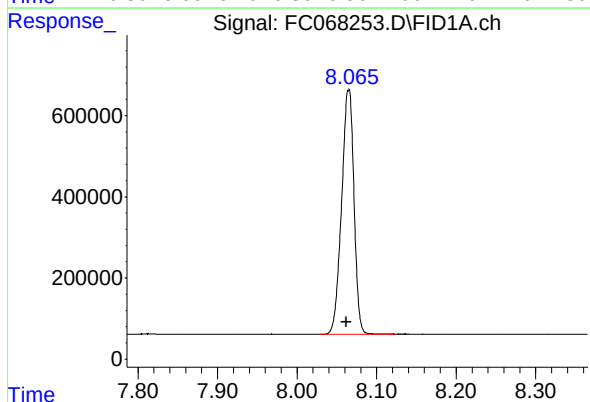
R.T.: 6.276 min
Delta R.T.: 0.003 min
Response: 6736178
Conc: 47.70 ug/ml



#5 A~2-methylnaphthalene (C12.89)

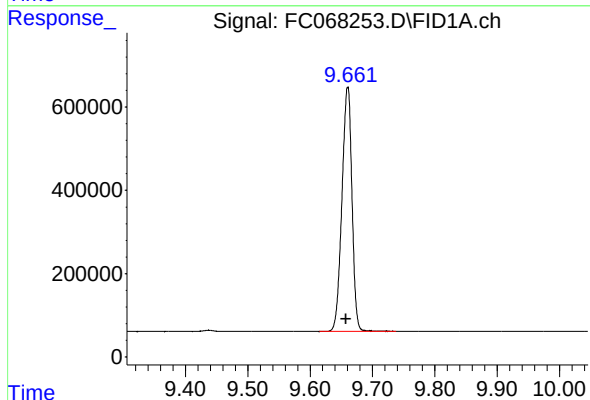
R.T.: 6.887 min
Delta R.T.: 0.003 min
Response: 7096295
Conc: 48.39 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



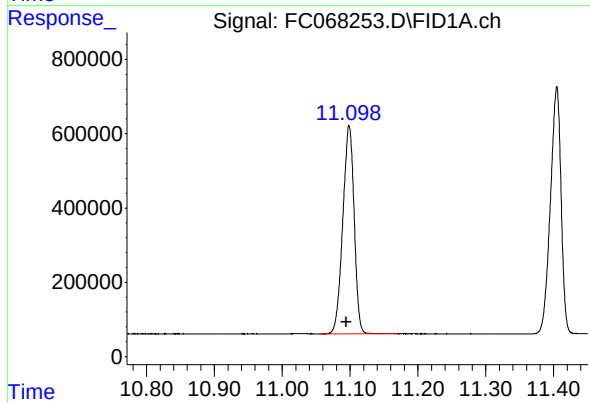
#6 n-Tetradecane (C14)

R.T.: 8.065 min
Delta R.T.: 0.003 min
Response: 6521596
Conc: 47.84 ug/ml



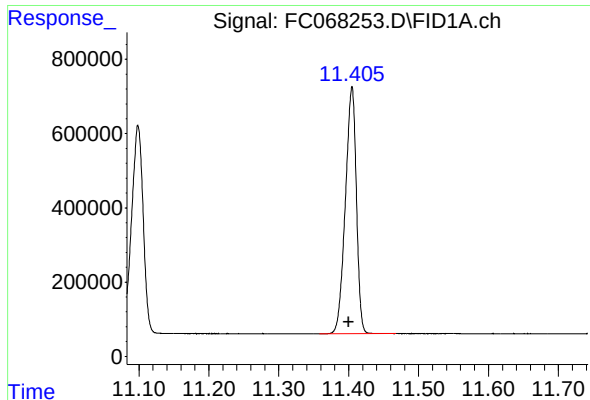
#7 n-Hexadecane (C16)

R.T.: 9.660 min
Delta R.T.: 0.003 min
Response: 6569433
Conc: 47.85 ug/ml



#8 n-Octadecane (C18)

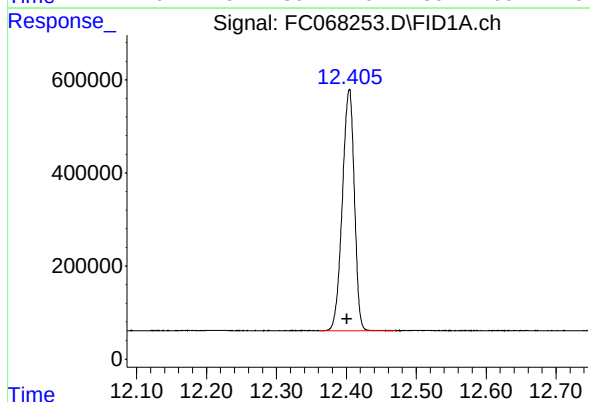
R.T.: 11.099 min
Delta R.T.: 0.004 min
Response: 6516282
Conc: 47.55 ug/ml



#9 ortho-Terphenyl (SURR)

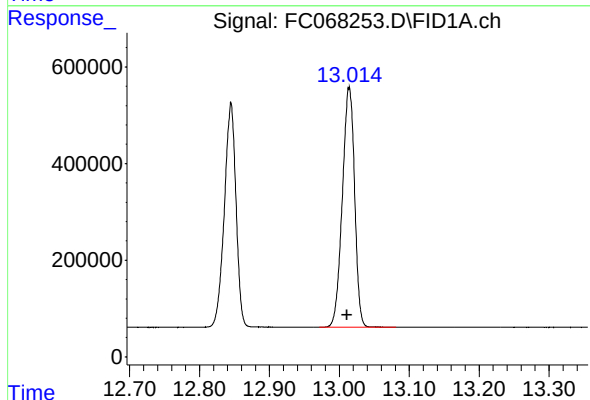
R.T.: 11.404 min
Delta R.T.: 0.005 min
Response: 7265657
Conc: 47.33 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



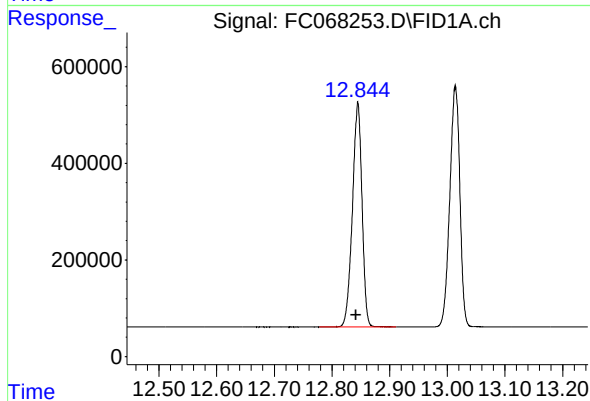
#10 n-Eicosane (C20)

R.T.: 12.404 min
Delta R.T.: 0.003 min
Response: 6182901
Conc: 47.36 ug/ml



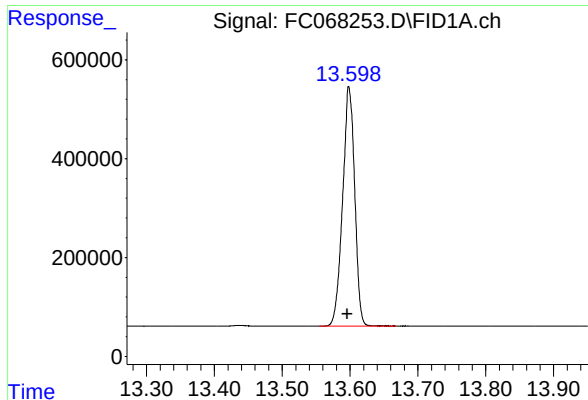
#11 n-Heneicosane (C21)

R.T.: 13.014 min
Delta R.T.: 0.003 min
Response: 6051938
Conc: 47.35 ug/ml



#12 1-chlorooctadecane (SURR)

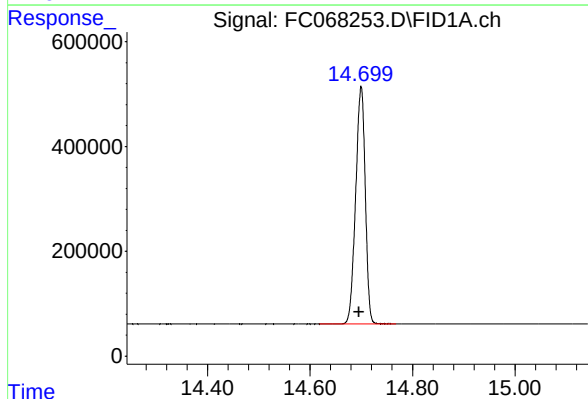
R.T.: 12.845 min
Delta R.T.: 0.003 min
Response: 5379642
Conc: 47.63 ug/ml



#13 n-Docosane (C22)

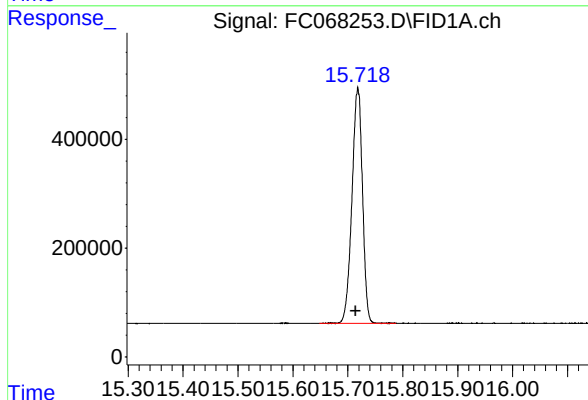
R.T.: 13.599 min
Delta R.T.: 0.003 min
Response: 5978682
Conc: 47.36 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



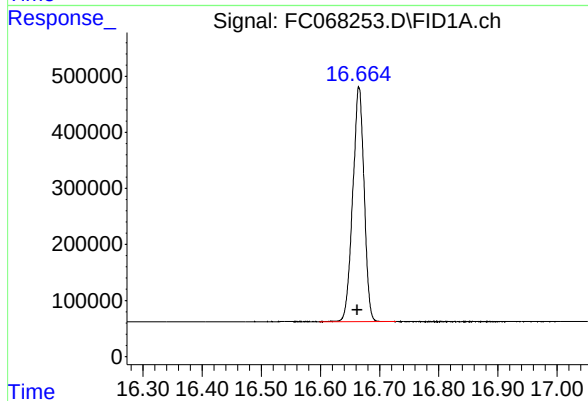
#14 n-Tetracosane (C24)

R.T.: 14.700 min
Delta R.T.: 0.004 min
Response: 5893630
Conc: 47.33 ug/ml



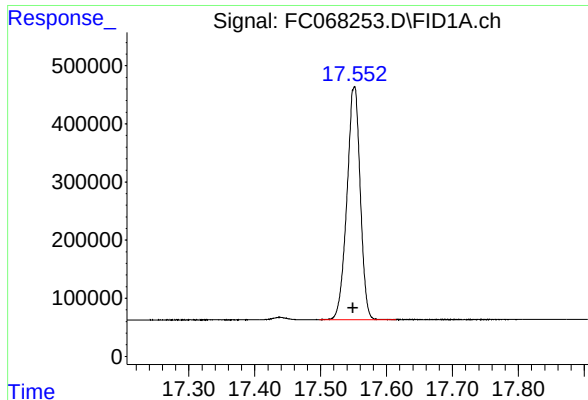
#15 n-Hexacosane (C26)

R.T.: 15.718 min
Delta R.T.: 0.004 min
Response: 5756725
Conc: 47.22 ug/ml



#16 n-Octacosane (C28)

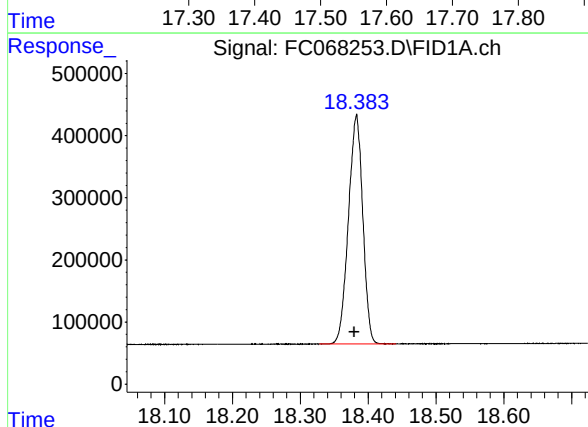
R.T.: 16.665 min
Delta R.T.: 0.003 min
Response: 5605157
Conc: 47.07 ug/ml



#17 n-Tricontane (C30)

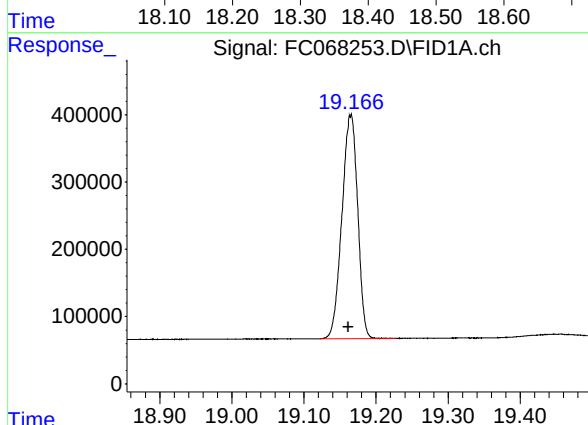
R.T.: 17.551 min
Delta R.T.: 0.002 min
Response: 5630196
Conc: 46.92 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



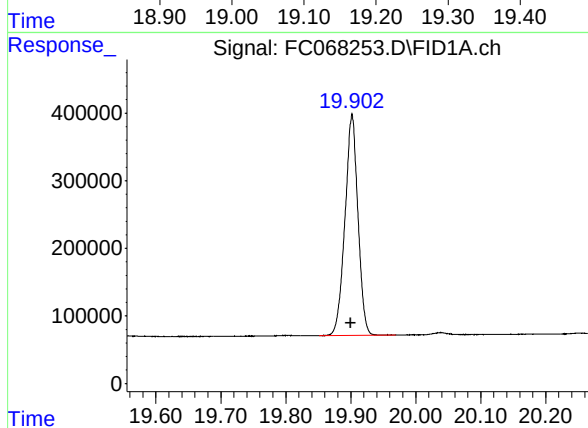
#18 n-Dotriacontane (C32)

R.T.: 18.383 min
Delta R.T.: 0.003 min
Response: 5417986
Conc: 46.88 ug/ml



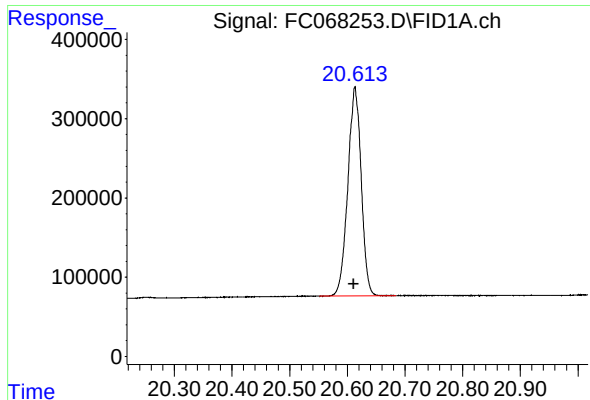
#19 n-Tetatriacontane (C34)

R.T.: 19.165 min
Delta R.T.: 0.004 min
Response: 5059593
Conc: 46.97 ug/ml



#20 n-Hexatriacontane (C36)

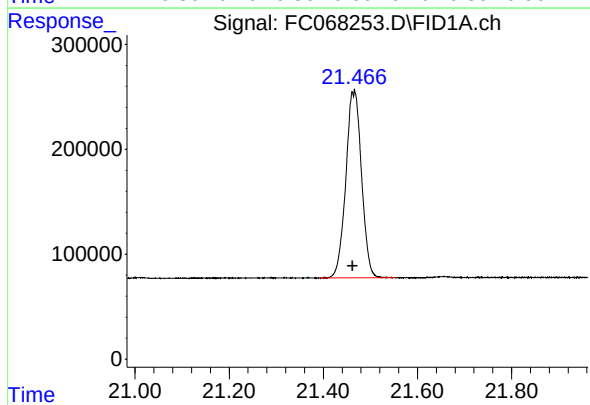
R.T.: 19.902 min
Delta R.T.: 0.002 min
Response: 4533198
Conc: 47.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.614 min
Delta R.T.: 0.003 min
Response: 4246406
Conc: 47.07 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.465 min
Delta R.T.: 0.002 min
Response: 4122486
Conc: 47.57 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
Data File : FC068253.D
Signal(s) : FID1A.ch
Acq On : 10 Feb 2025 17:01
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.209	3.174	3.271	BB	811218	6719412	90.38%	5.110%
2	4.267	4.234	4.328	BB	755911	6784596	91.26%	5.159%
3	5.834	5.798	5.921	BB	804975	7434634	100.00%	5.654%
4	6.276	6.231	6.338	BB	678512	6736178	90.61%	5.122%
5	6.887	6.848	6.988	BB	711876	7096295	95.45%	5.396%
6	8.065	8.028	8.124	BB	605991	6521596	87.72%	4.959%
7	9.660	9.614	9.738	BB	593828	6569433	88.36%	4.996%
8	11.099	11.054	11.168	BB	559745	6516282	87.65%	4.955%
9	11.404	11.358	11.468	BB	664804	7265657	97.73%	5.525%
10	12.404	12.361	12.471	BB	520586	6182901	83.16%	4.702%
11	12.845	12.778	12.911	BB	460356	5379642	72.36%	4.091%
12	13.014	12.971	13.081	BB	497432	6051938	81.40%	4.602%
13	13.599	13.554	13.668	BB	486709	5978682	80.42%	4.546%
14	14.700	14.618	14.768	BB	455435	5893630	79.27%	4.482%
15	15.718	15.648	15.788	BB	431622	5756725	77.43%	4.378%
16	16.665	16.598	16.728	BB	419236	5605157	75.39%	4.262%
17	17.551	17.498	17.614	BB	400816	5630196	75.73%	4.281%
18	18.383	18.328	18.441	BB	366233	5417986	72.87%	4.120%
19	19.165	19.121	19.228	BB	333071	5059593	68.05%	3.848%
20	19.902	19.851	19.969	BBA	324588	4533198	60.97%	3.447%
21	20.614	20.551	20.684	BB	260933	4246406	57.12%	3.229%
22	21.465	21.391	21.554	BB	175049	4122486	55.45%	3.135%

Sum of corrected areas: 131502620

Aliphatic EPH 021125.M Tue Feb 11 02:39:29 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
 Data File : FC068254.D
 Signal(s) : FID1A.ch
 Acq On : 10 Feb 2025 17:38
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Feb 11 02:30:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 11 02:29:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.400	3070458	20.000 ug/ml
Spiked Amount	50.000	Recovery	= 40.00%
12) S 1-chlorooctadecane (S...	12.842	2258872	20.000 ug/ml
Spiked Amount	50.000	Recovery	= 40.00%
Target Compounds			
1) T n-Nonane (C9)	3.208	2833506	20.000 ug/ml
2) T n-Decane (C10)	4.265	2853357	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.831	3094970	20.000 ug/ml
4) T n-Dodecane (C12)	6.273	2824656	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.884	2932900	20.000 ug/ml
6) T n-Tetradecane (C14)	8.062	2726217	20.000 ug/ml
7) T n-Hexadecane (C16)	9.657	2745870	20.000 ug/ml
8) T n-Octadecane (C18)	11.095	2740539	20.000 ug/ml
10) T n-Eicosane (C20)	12.401	2610929	20.000 ug/ml
11) T n-Heneicosane (C21)	13.011	2556207	20.000 ug/ml
13) T n-Docosane (C22)	13.596	2524938	20.000 ug/ml
14) T n-Tetracosane (C24)	14.696	2490472	20.000 ug/ml
15) T n-Hexacosane (C26)	15.714	2438036	20.000 ug/ml
16) T n-Octacosane (C28)	16.662	2381498	20.000 ug/ml
17) T n-Tricontane (C30)	17.549	2400071	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.380	2311459	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.161	2154239	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.900	1921336	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.611	1804172	20.000 ug/ml
22) T n-Tetracontane (C40)	21.463	1733236	20.000 ug/ml

(f)=RT Delta > 1/2 Window

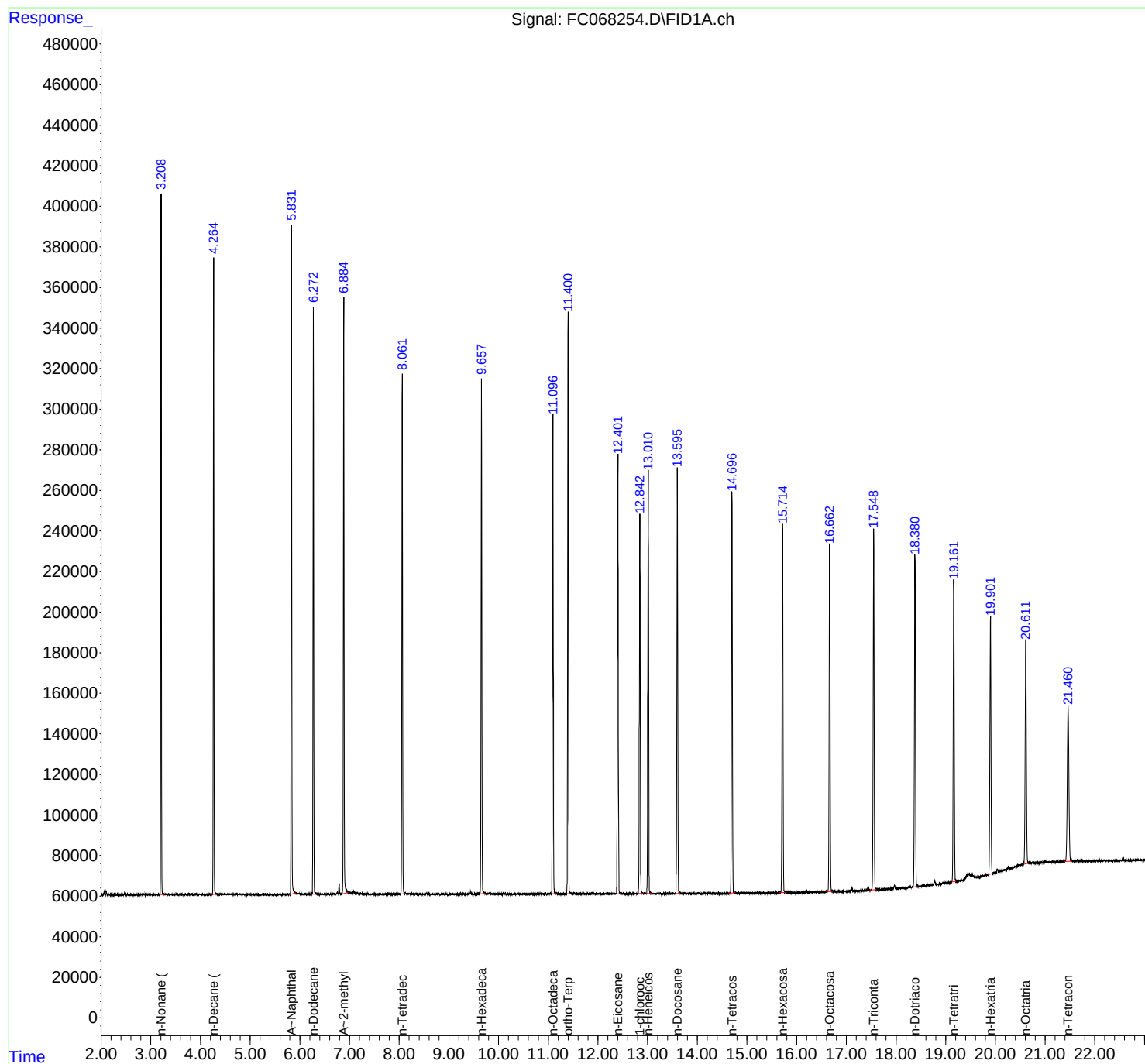
(m)=manual int.

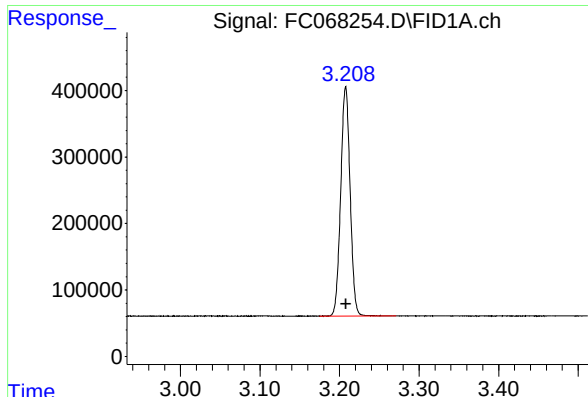
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
Data File : FC068254.D
Signal(s) : FID1A.ch
Acq On : 10 Feb 2025 17:38
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Feb 11 02:30:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Tue Feb 11 02:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

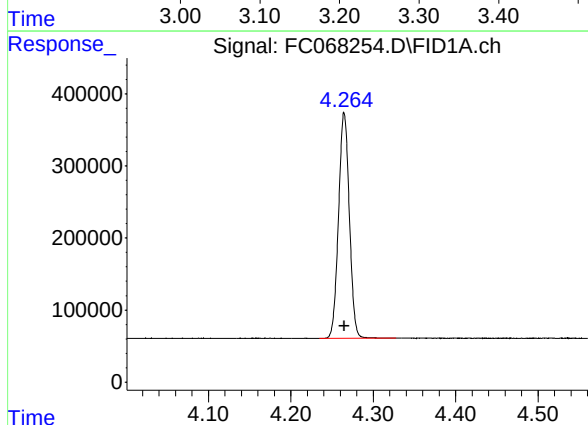




#1 n-Nonane (C9)

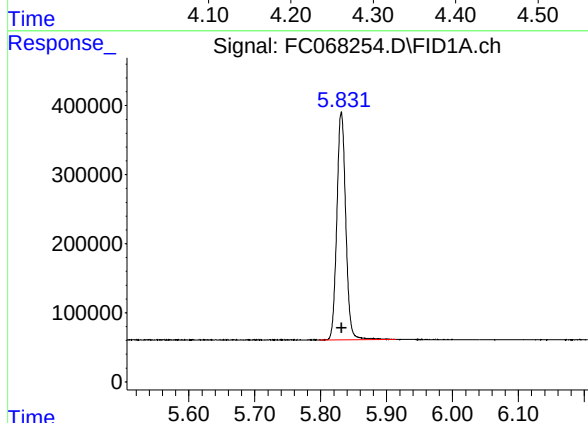
R.T.: 3.208 min
Delta R.T.: 0.000 min
Response: 2833506
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



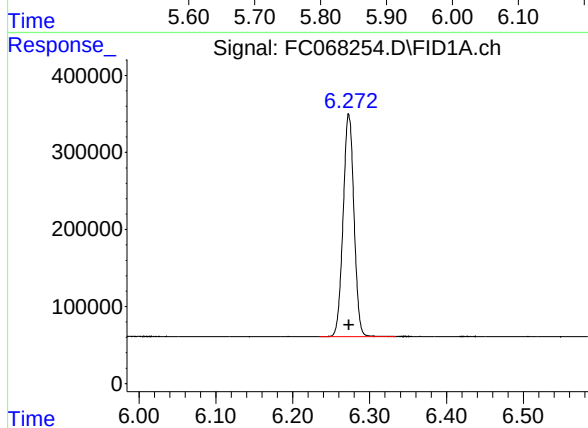
#2 n-Decane (C10)

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 2853357
Conc: 20.00 ug/ml



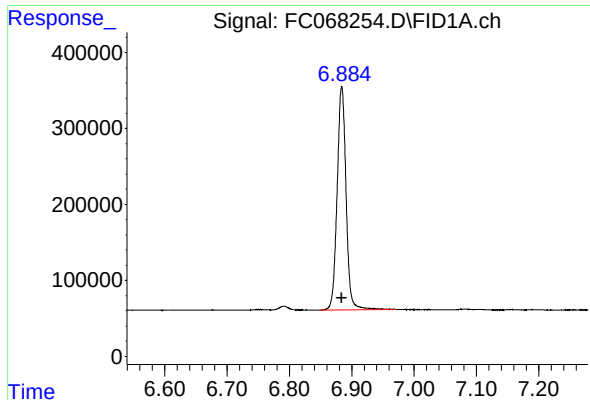
#3 A~Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 3094970
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

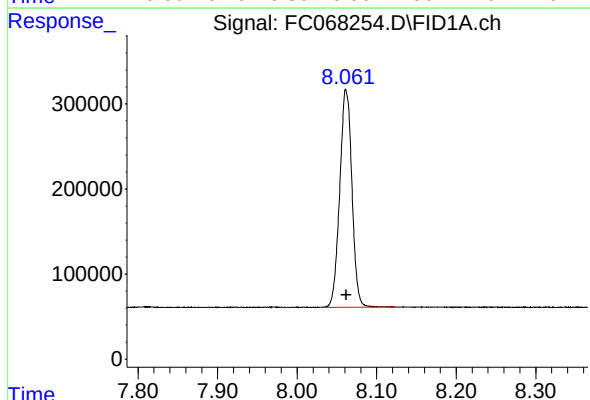
R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 2824656
Conc: 20.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

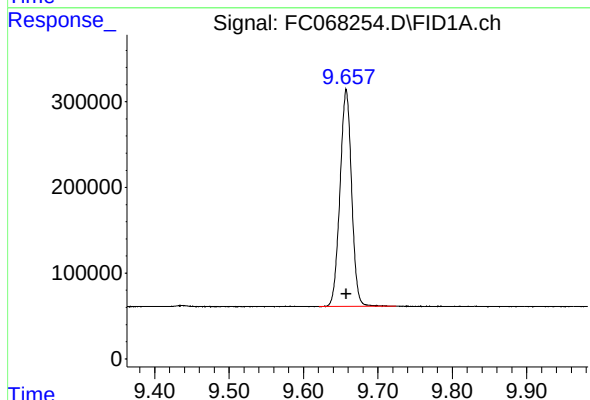
R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 2932900
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



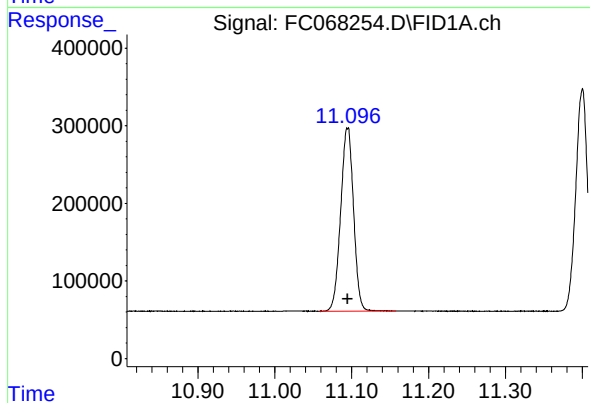
#6 n-Tetradecane (C14)

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 2726217
Conc: 20.00 ug/ml



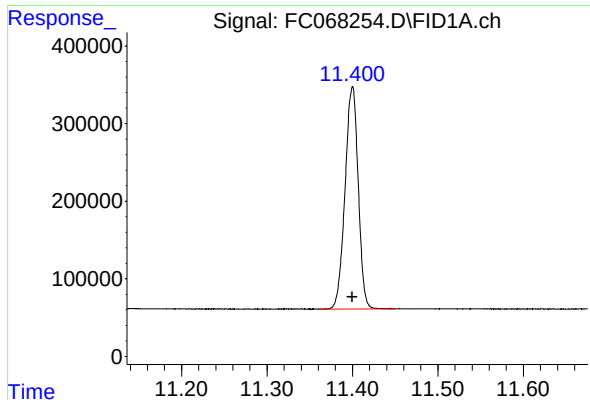
#7 n-Hexadecane (C16)

R.T.: 9.657 min
Delta R.T.: 0.000 min
Response: 2745870
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

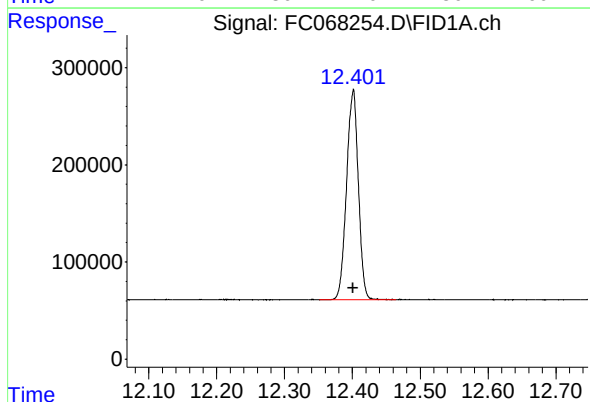
R.T.: 11.095 min
Delta R.T.: 0.000 min
Response: 2740539
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

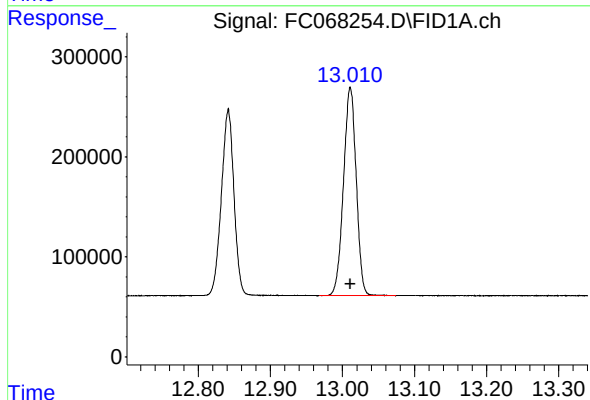
R.T.: 11.400 min
Delta R.T.: 0.000 min
Response: 3070458
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



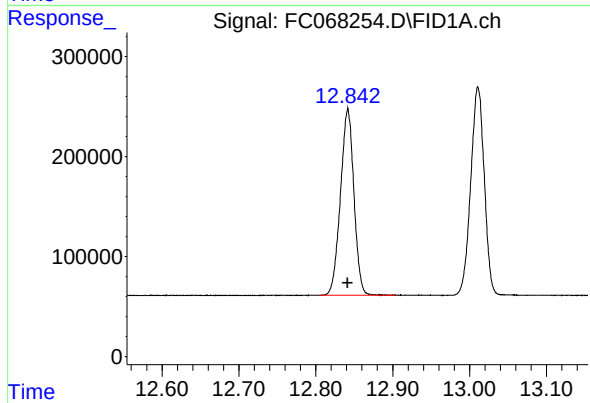
#10 n-Eicosane (C20)

R.T.: 12.401 min
Delta R.T.: 0.000 min
Response: 2610929
Conc: 20.00 ug/ml



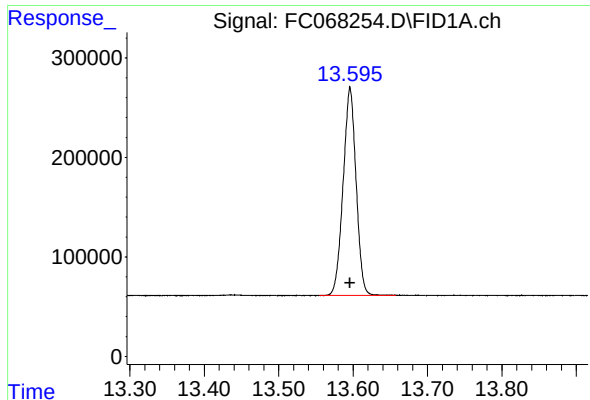
#11 n-Heneicosane (C21)

R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 2556207
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

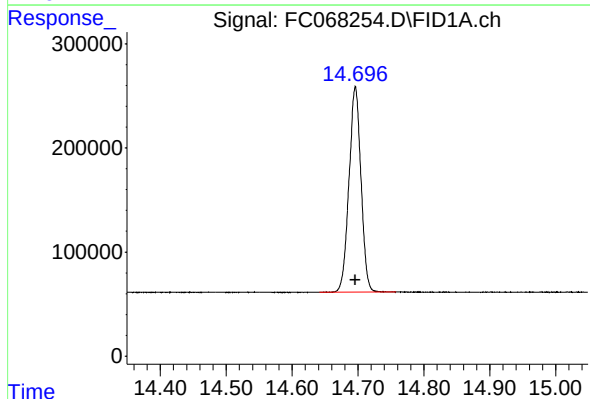
R.T.: 12.842 min
Delta R.T.: 0.000 min
Response: 2258872
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

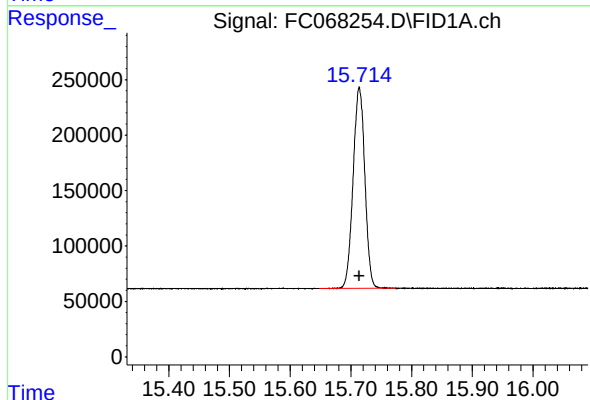
R.T.: 13.596 min
Delta R.T.: 0.000 min
Response: 2524938
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



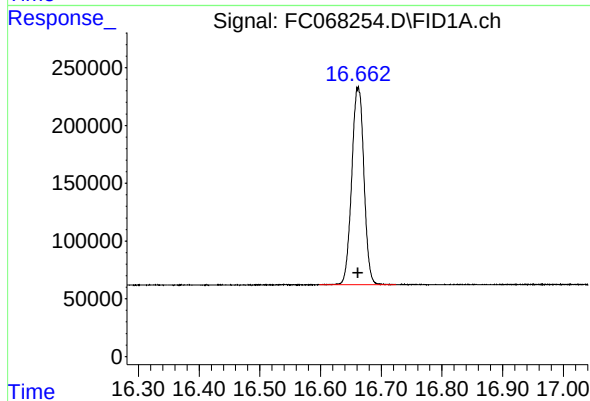
#14 n-Tetracosane (C24)

R.T.: 14.696 min
Delta R.T.: 0.000 min
Response: 2490472
Conc: 20.00 ug/ml



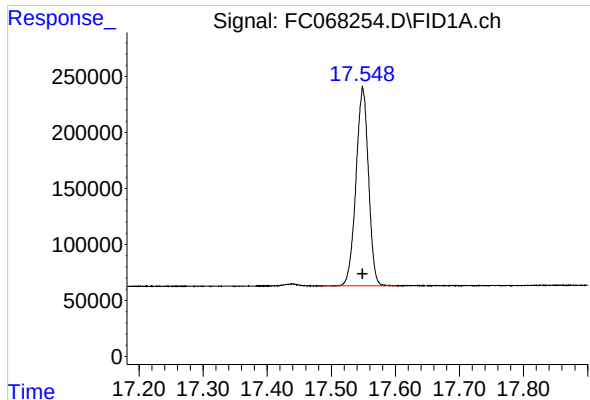
#15 n-Hexacosane (C26)

R.T.: 15.714 min
Delta R.T.: 0.000 min
Response: 2438036
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

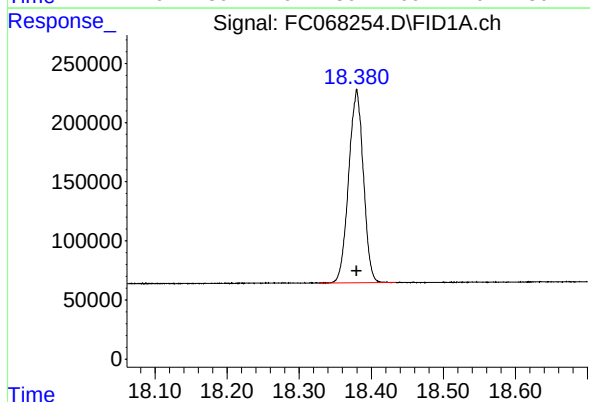
R.T.: 16.662 min
Delta R.T.: 0.000 min
Response: 2381498
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

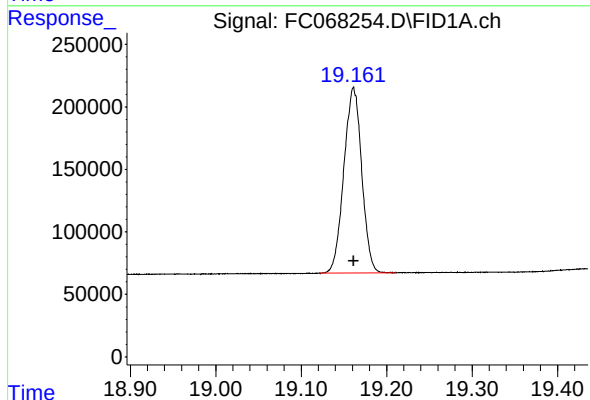
R.T.: 17.549 min
Delta R.T.: 0.000 min
Response: 2400071
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



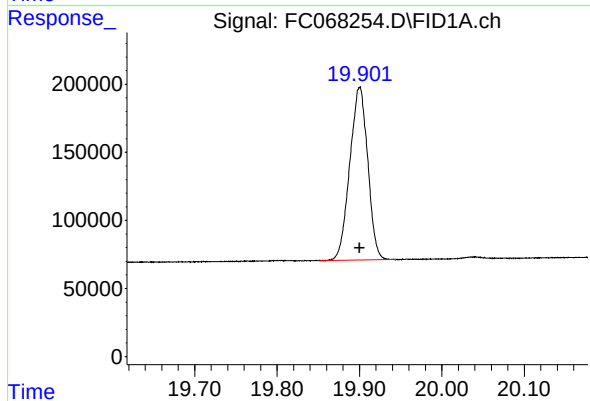
#18 n-Dotriacontane (C32)

R.T.: 18.380 min
Delta R.T.: 0.000 min
Response: 2311459
Conc: 20.00 ug/ml



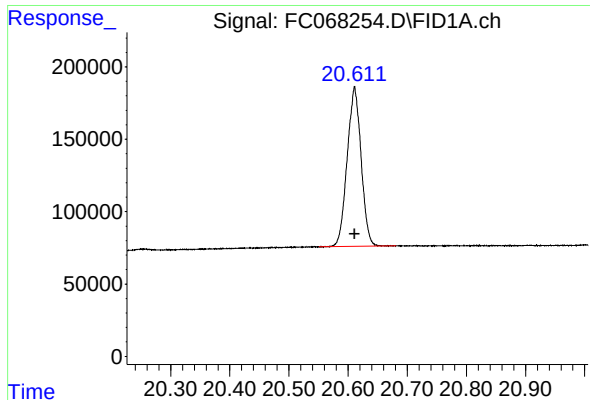
#19 n-Tetatriacontane (C34)

R.T.: 19.161 min
Delta R.T.: 0.000 min
Response: 2154239
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

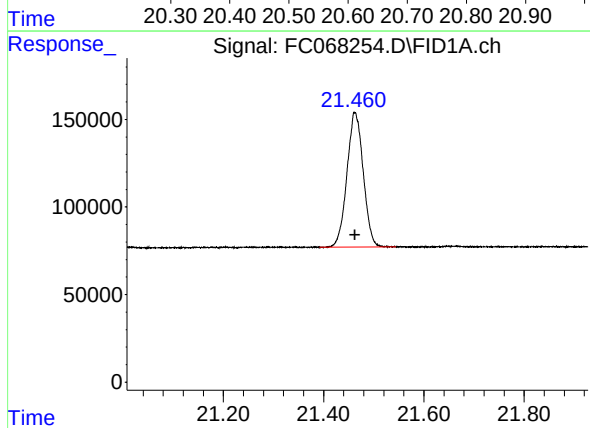
R.T.: 19.900 min
Delta R.T.: 0.000 min
Response: 1921336
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.611 min
Delta R.T.: 0.000 min
Response: 1804172
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.463 min
Delta R.T.: 0.000 min
Response: 1733236
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
Data File : FC068254.D
Signal(s) : FID1A.ch
Acq On : 10 Feb 2025 17:38
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.208	3.174	3.271	BB	344103	2833506	91.55%	5.114%
2	4.265	4.234	4.328	BB	312569	2853357	92.19%	5.150%
3	5.831	5.798	5.914	BB	329933	3094970	100.00%	5.586%
4	6.273	6.234	6.334	BB	287834	2824656	91.27%	5.098%
5	6.884	6.848	6.971	BB	294443	2932900	94.76%	5.293%
6	8.062	8.028	8.124	BB	257216	2726217	88.09%	4.920%
7	9.657	9.621	9.724	BB	252359	2745870	88.72%	4.956%
8	11.095	11.058	11.158	BB	236897	2740539	88.55%	4.946%
9	11.400	11.361	11.451	BB	288971	3070458	99.21%	5.542%
10	12.401	12.351	12.464	BB	215019	2610929	84.36%	4.712%
11	12.842	12.804	12.904	BB	185197	2258872	72.99%	4.077%
12	13.011	12.968	13.074	BB	208305	2556207	82.59%	4.613%
13	13.596	13.554	13.658	BB	206427	2524938	81.58%	4.557%
14	14.696	14.641	14.758	BB	197006	2490472	80.47%	4.495%
15	15.714	15.648	15.774	BB	180907	2438036	78.77%	4.400%
16	16.662	16.598	16.724	BB	171177	2381498	76.95%	4.298%
17	17.549	17.481	17.601	BB	174807	2400071	77.55%	4.332%
18	18.380	18.328	18.434	BB	162329	2311459	74.68%	4.172%
19	19.161	19.121	19.211	BB	148420	2154239	69.60%	3.888%
20	19.900	19.851	19.944	BB	127484	1921336	62.08%	3.468%
21	20.611	20.551	20.681	BB	109957	1804172	58.29%	3.256%
22	21.463	21.391	21.544	BB	77234	1733236	56.00%	3.128%
Sum of corrected areas:							55407934	

Aliphatic EPH 021125.M Tue Feb 11 02:39:47 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
 Data File : FC068255.D
 Signal(s) : FID1A.ch
 Acq On : 10 Feb 2025 18:14
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Feb 11 02:30:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 11 02:29:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.398	1614436	10.516 ug/ml
Spiked Amount 50.000		Recovery =	21.03%
12) S 1-chlorooctadecane (S...	12.840	1174811	10.402 ug/ml
Spiked Amount 50.000		Recovery =	20.80%
Target Compounds			
1) T n-Nonane (C9)	3.208	1490390	10.520 ug/ml
2) T n-Decane (C10)	4.265	1497516	10.497 ug/ml
3) T A~Naphthalene (C11.7)	5.832	1604467	10.368 ug/ml
4) T n-Dodecane (C12)	6.273	1486768	10.527 ug/ml
5) T A~2-methylnaphthalene...	6.884	1503396	10.252 ug/ml
6) T n-Tetradecane (C14)	8.061	1434684	10.525 ug/ml
7) T n-Hexadecane (C16)	9.656	1432035	10.430 ug/ml
8) T n-Octadecane (C18)	11.093	1433269	10.460 ug/ml
10) T n-Eicosane (C20)	12.400	1367303	10.474 ug/ml
11) T n-Heneicosane (C21)	13.010	1344009	10.516 ug/ml
13) T n-Docosane (C22)	13.595	1321567	10.468 ug/ml
14) T n-Tetracosane (C24)	14.695	1302068	10.456 ug/ml
15) T n-Hexacosane (C26)	15.714	1273525	10.447 ug/ml
16) T n-Octacosane (C28)	16.661	1247372	10.476 ug/ml
17) T n-Tricontane (C30)	17.547	1280217	10.668 ug/ml
18) T n-Dotriacontane (C32)	18.378	1224121	10.592 ug/ml
19) T n-Tetratriacontane (C34)	19.160	1138846	10.573 ug/ml
20) T n-Hexatriacontane (C36)	19.898	1016654	10.583 ug/ml
21) T n-Octatriacontane (C38)	20.611	943380	10.458 ug/ml
22) T n-Tetracontane (C40)	21.461	910849	10.510 ug/ml

(f)=RT Delta > 1/2 Window

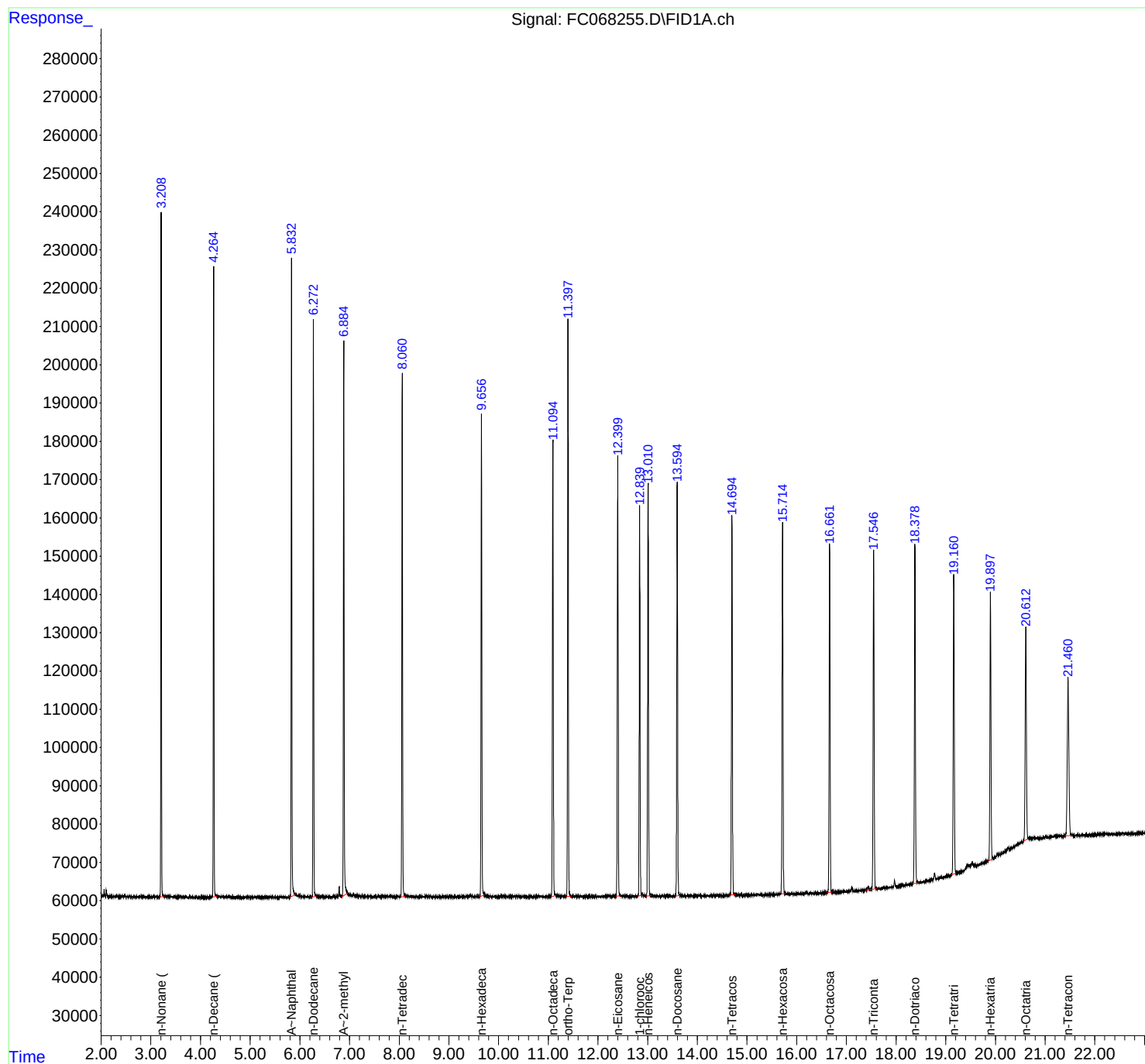
(m)=manual int.

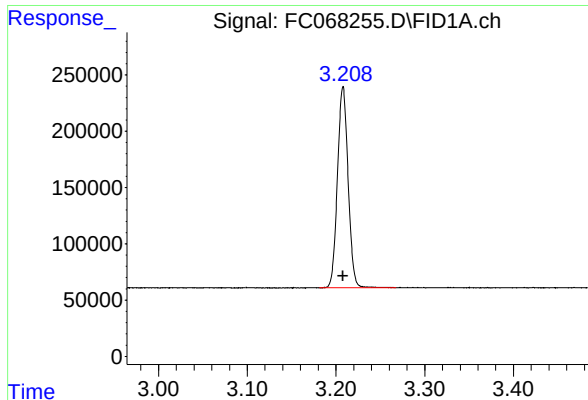
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
Data File : FC068255.D
Signal(s) : FID1A.ch
Acq On : 10 Feb 2025 18:14
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Feb 11 02:30:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Tue Feb 11 02:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

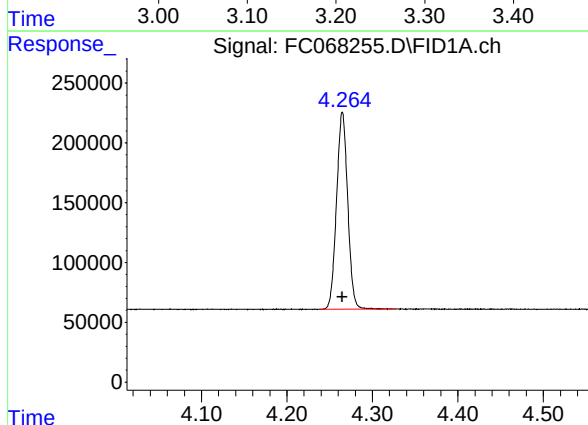




#1 n-Nonane (C9)

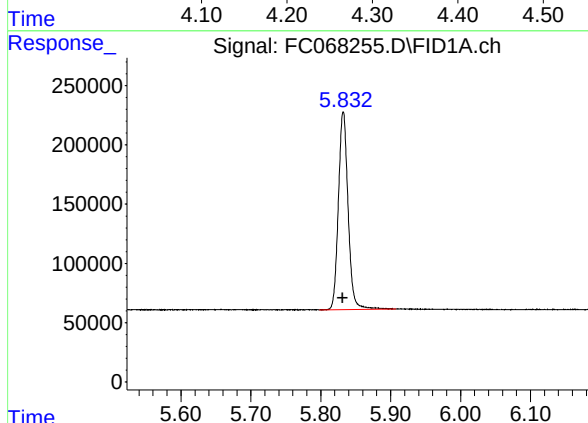
R.T.: 3.208 min
Delta R.T.: 0.000 min
Response: 1490390
Conc: 10.52 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



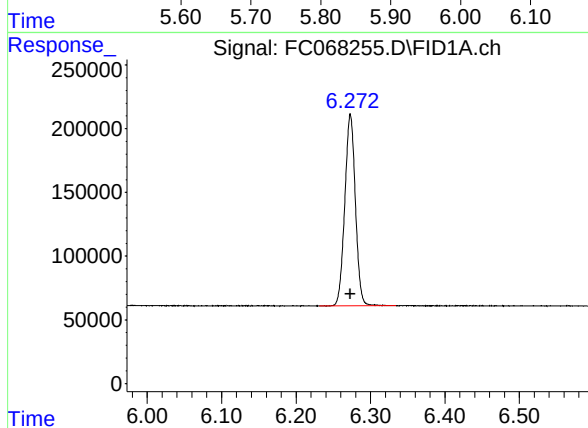
#2 n-Decane (C10)

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 1497516
Conc: 10.50 ug/ml



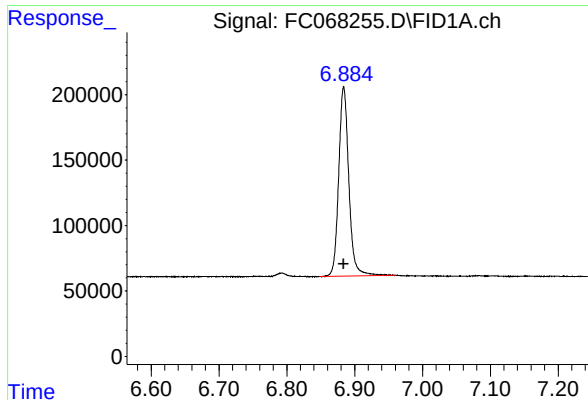
#3 A~Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 1604467
Conc: 10.37 ug/ml



#4 n-Dodecane (C12)

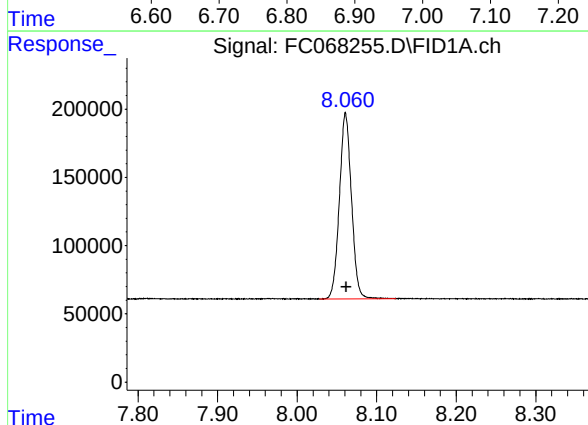
R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 1486768
Conc: 10.53 ug/ml



#5 A~2-methylnaphthalene (C12.89)

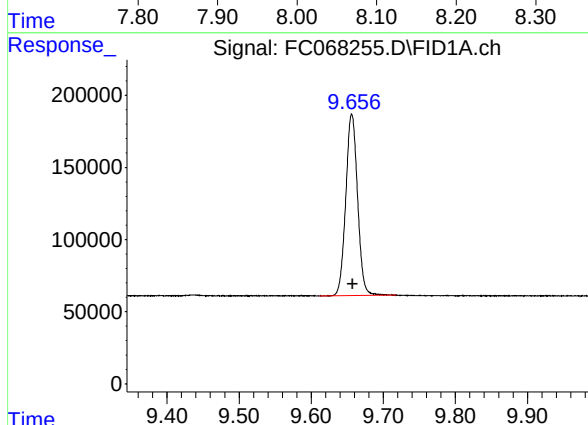
R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 1503396
Conc: 10.25 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



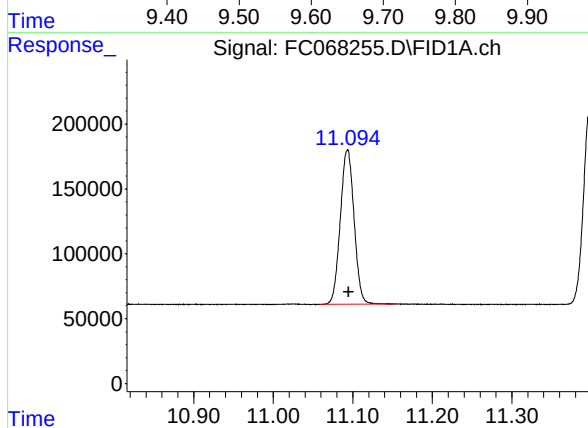
#6 n-Tetradecane (C14)

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 1434684
Conc: 10.53 ug/ml



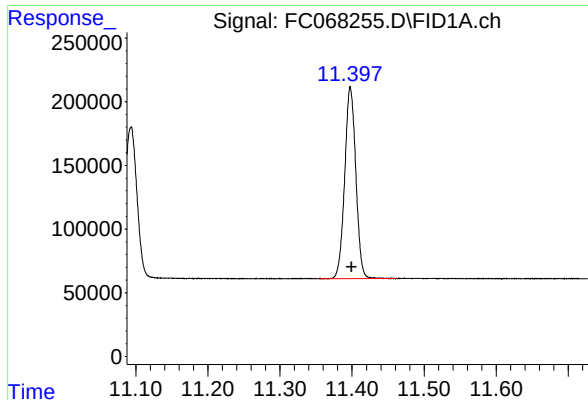
#7 n-Hexadecane (C16)

R.T.: 9.656 min
Delta R.T.: 0.000 min
Response: 1432035
Conc: 10.43 ug/ml



#8 n-Octadecane (C18)

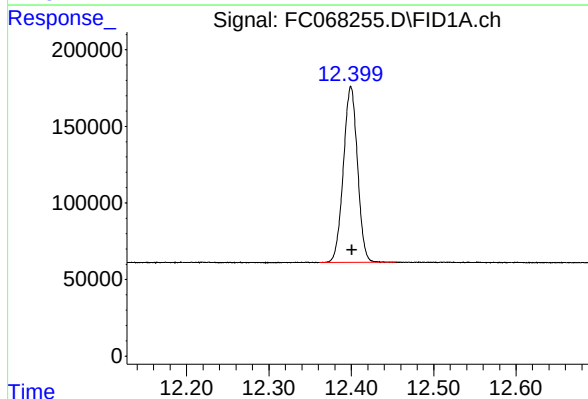
R.T.: 11.093 min
Delta R.T.: -0.001 min
Response: 1433269
Conc: 10.46 ug/ml



#9 ortho-Terphenyl (SURR)

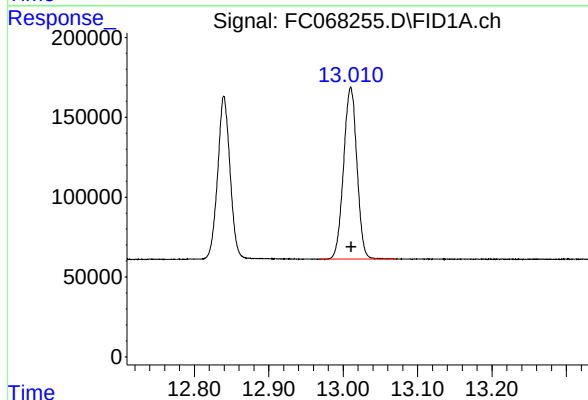
R.T.: 11.398 min
Delta R.T.: -0.002 min
Response: 1614436
Conc: 10.52 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



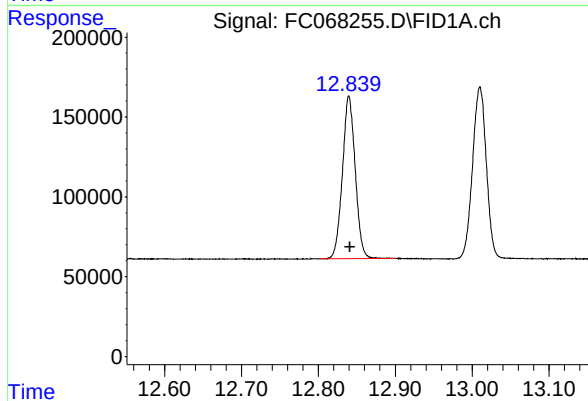
#10 n-Eicosane (C20)

R.T.: 12.400 min
Delta R.T.: -0.001 min
Response: 1367303
Conc: 10.47 ug/ml



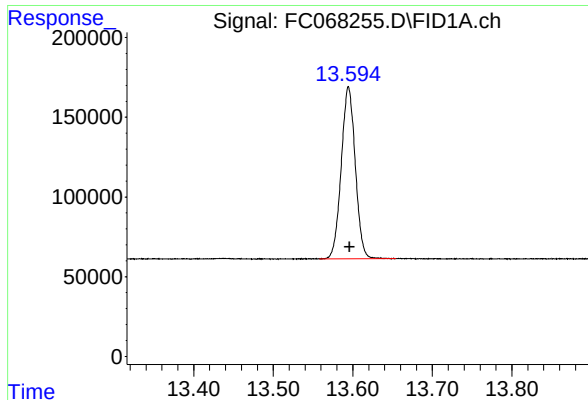
#11 n-Heneicosane (C21)

R.T.: 13.010 min
Delta R.T.: 0.000 min
Response: 1344009
Conc: 10.52 ug/ml



#12 1-chlorooctadecane (SURR)

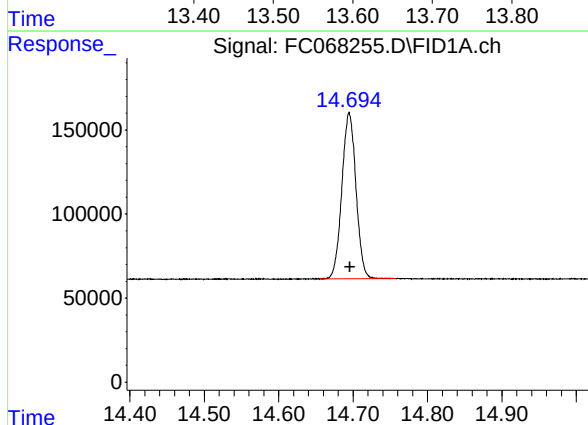
R.T.: 12.840 min
Delta R.T.: -0.002 min
Response: 1174811
Conc: 10.40 ug/ml



#13 n-Docosane (C22)

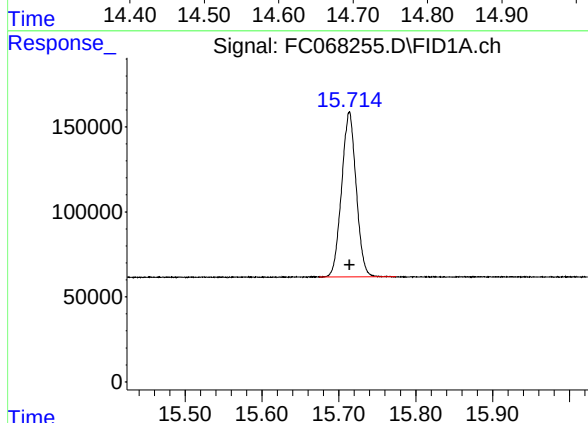
R.T.: 13.595 min
Delta R.T.: -0.001 min
Response: 1321567
Conc: 10.47 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



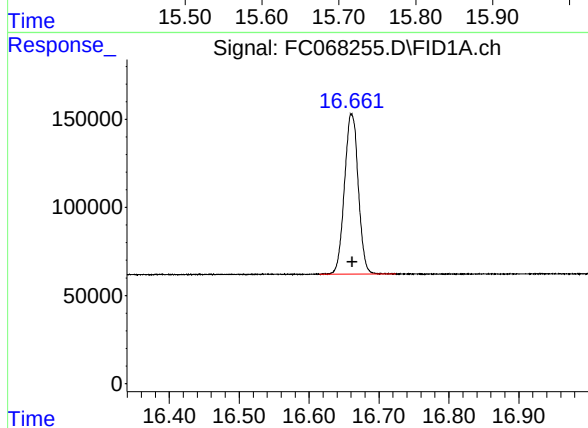
#14 n-Tetracosane (C24)

R.T.: 14.695 min
Delta R.T.: -0.001 min
Response: 1302068
Conc: 10.46 ug/ml



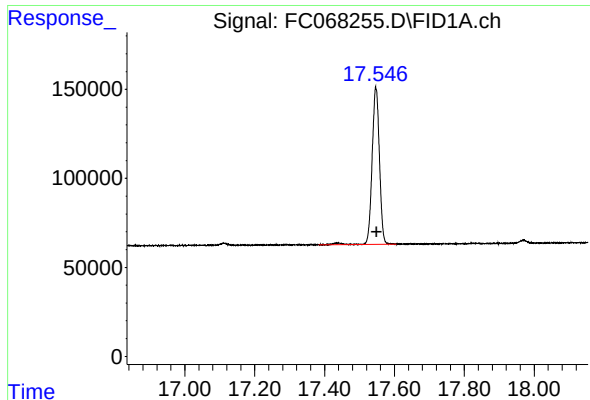
#15 n-Hexacosane (C26)

R.T.: 15.714 min
Delta R.T.: 0.000 min
Response: 1273525
Conc: 10.45 ug/ml



#16 n-Octacosane (C28)

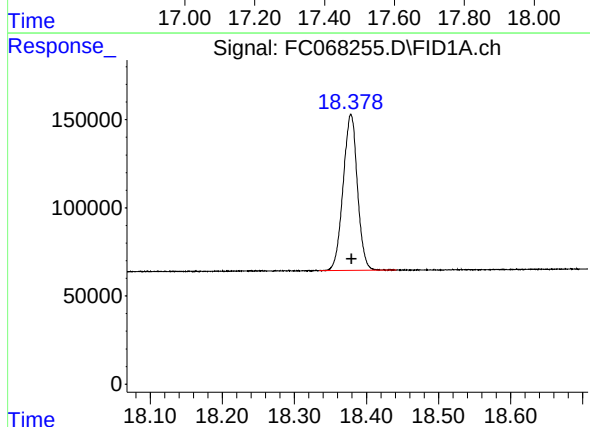
R.T.: 16.661 min
Delta R.T.: -0.001 min
Response: 1247372
Conc: 10.48 ug/ml



#17 n-Tricontane (C30)

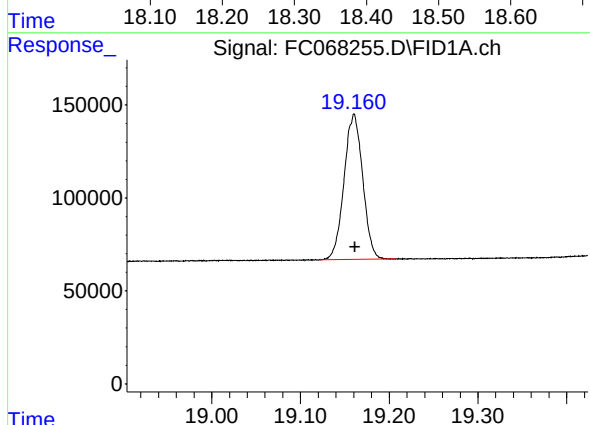
R.T.: 17.547 min
Delta R.T.: -0.002 min
Response: 1280217
Conc: 10.67 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



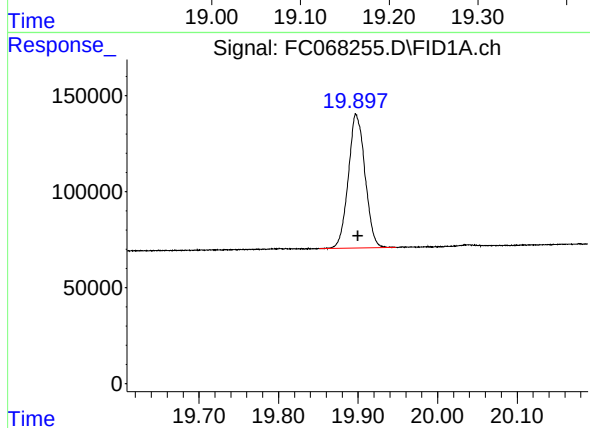
#18 n-Dotriacontane (C32)

R.T.: 18.378 min
Delta R.T.: -0.001 min
Response: 1224121
Conc: 10.59 ug/ml



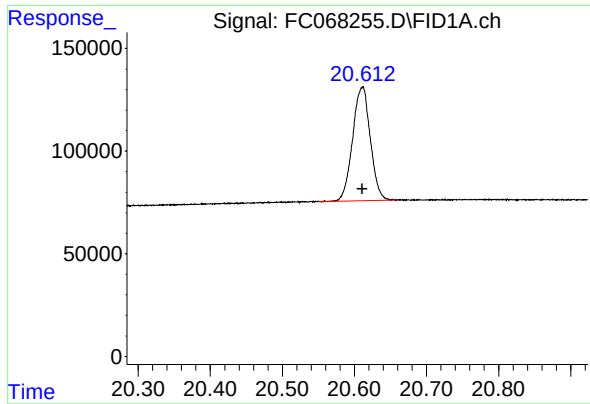
#19 n-Tetatriacontane (C34)

R.T.: 19.160 min
Delta R.T.: -0.001 min
Response: 1138846
Conc: 10.57 ug/ml



#20 n-Hexatriacontane (C36)

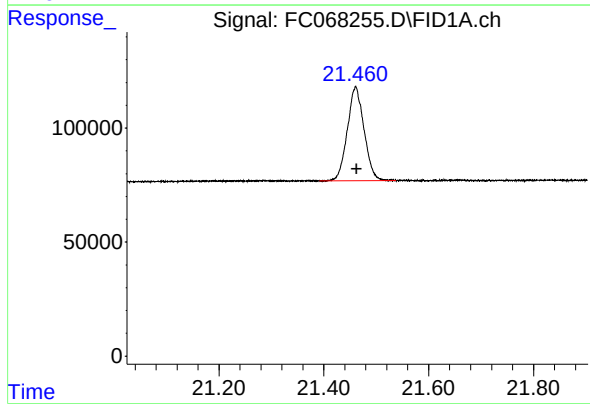
R.T.: 19.898 min
Delta R.T.: -0.002 min
Response: 1016654
Conc: 10.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.611 min
Delta R.T.: 0.000 min
Response: 943380
Conc: 10.46 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.461 min
Delta R.T.: -0.002 min
Response: 910849
Conc: 10.51 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
Data File : FC068255.D
Signal(s) : FID1A.ch
Acq On : 10 Feb 2025 18:14
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.208	3.181	3.268	BB	177887	1490390	92.32%	5.132%
2	4.265	4.238	4.328	BB	163966	1497516	92.76%	5.156%
3	5.832	5.798	5.908	BB	166500	1604467	99.38%	5.525%
4	6.273	6.231	6.334	BB	149363	1486768	92.09%	5.119%
5	6.884	6.848	6.961	BB	144374	1503396	93.12%	5.177%
6	8.061	8.028	8.124	BB	135629	1434684	88.87%	4.940%
7	9.656	9.611	9.718	BB	125467	1432035	88.70%	4.931%
8	11.093	11.058	11.154	BB	119437	1433269	88.78%	4.935%
9	11.398	11.354	11.461	BB	150022	1614436	100.00%	5.559%
10	12.400	12.361	12.454	BB	114828	1367303	84.69%	4.708%
11	12.840	12.801	12.901	BB	100668	1174811	72.77%	4.045%
12	13.010	12.968	13.071	BB	107522	1344009	83.25%	4.628%
13	13.595	13.558	13.654	BB	107806	1321567	81.86%	4.551%
14	14.695	14.654	14.758	BB	98638	1302068	80.65%	4.483%
15	15.714	15.674	15.774	BB	97396	1273525	78.88%	4.385%
16	16.661	16.614	16.724	BB	90943	1247372	77.26%	4.295%
17	17.547	17.384	17.604	BB	87801	1280217	79.30%	4.408%
18	18.378	18.334	18.441	BB	88680	1224121	75.82%	4.215%
19	19.160	19.121	19.208	BB	78237	1138846	70.54%	3.921%
20	19.898	19.851	19.948	BB	69453	1016654	62.97%	3.501%
21	20.611	20.551	20.658	BB	55376	943380	58.43%	3.248%
22	21.461	21.391	21.538	BB	41390	910849	56.42%	3.136%
Sum of corrected areas:							29041681	

Aliphatic EPH 021125.M Tue Feb 11 02:40:05 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
 Data File : FC068256.D
 Signal(s) : FID1A.ch
 Acq On : 10 Feb 2025 18:50
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Feb 11 02:30:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 11 02:29:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.397	824094	5.368 ug/ml
Spiked Amount 50.000		Recovery =	10.74%
12) S 1-chlorooctadecane (S...	12.840	593786	5.257 ug/ml
Spiked Amount 50.000		Recovery =	10.51%
Target Compounds			
1) T n-Nonane (C9)	3.208	739660	5.221 ug/ml
2) T n-Decane (C10)	4.265	741867	5.200 ug/ml
3) T A~Naphthalene (C11.7)	5.833	779725	5.039 ug/ml
4) T n-Dodecane (C12)	6.273	740350	5.242 ug/ml
5) T A~2-methylnaphthalene...	6.884	729676	4.976 ug/ml
6) T n-Tetradecane (C14)	8.060	721115	5.290 ug/ml
7) T n-Hexadecane (C16)	9.655	722933	5.266 ug/ml
8) T n-Octadecane (C18)	11.093	728153	5.314 ug/ml
10) T n-Eicosane (C20)	12.398	697130	5.340 ug/ml
11) T n-Heneicosane (C21)	13.009	687316	5.378 ug/ml
13) T n-Docosane (C22)	13.594	674382	5.342 ug/ml
14) T n-Tetracosane (C24)	14.694	667971	5.364 ug/ml
15) T n-Hexacosane (C26)	15.713	652733	5.355 ug/ml
16) T n-Octacosane (C28)	16.660	639945	5.374 ug/ml
17) T n-Tricontane (C30)	17.547	654656	5.455 ug/ml
18) T n-Dotriacontane (C32)	18.378	639981	5.537 ug/ml
19) T n-Tetratriacontane (C34)	19.160	592586	5.502 ug/ml
20) T n-Hexatriacontane (C36)	19.899	518944	5.402 ug/ml
21) T n-Octatriacontane (C38)	20.609	485383	5.381 ug/ml
22) T n-Tetracontane (C40)	21.462	459428	5.301 ug/ml

(f)=RT Delta > 1/2 Window

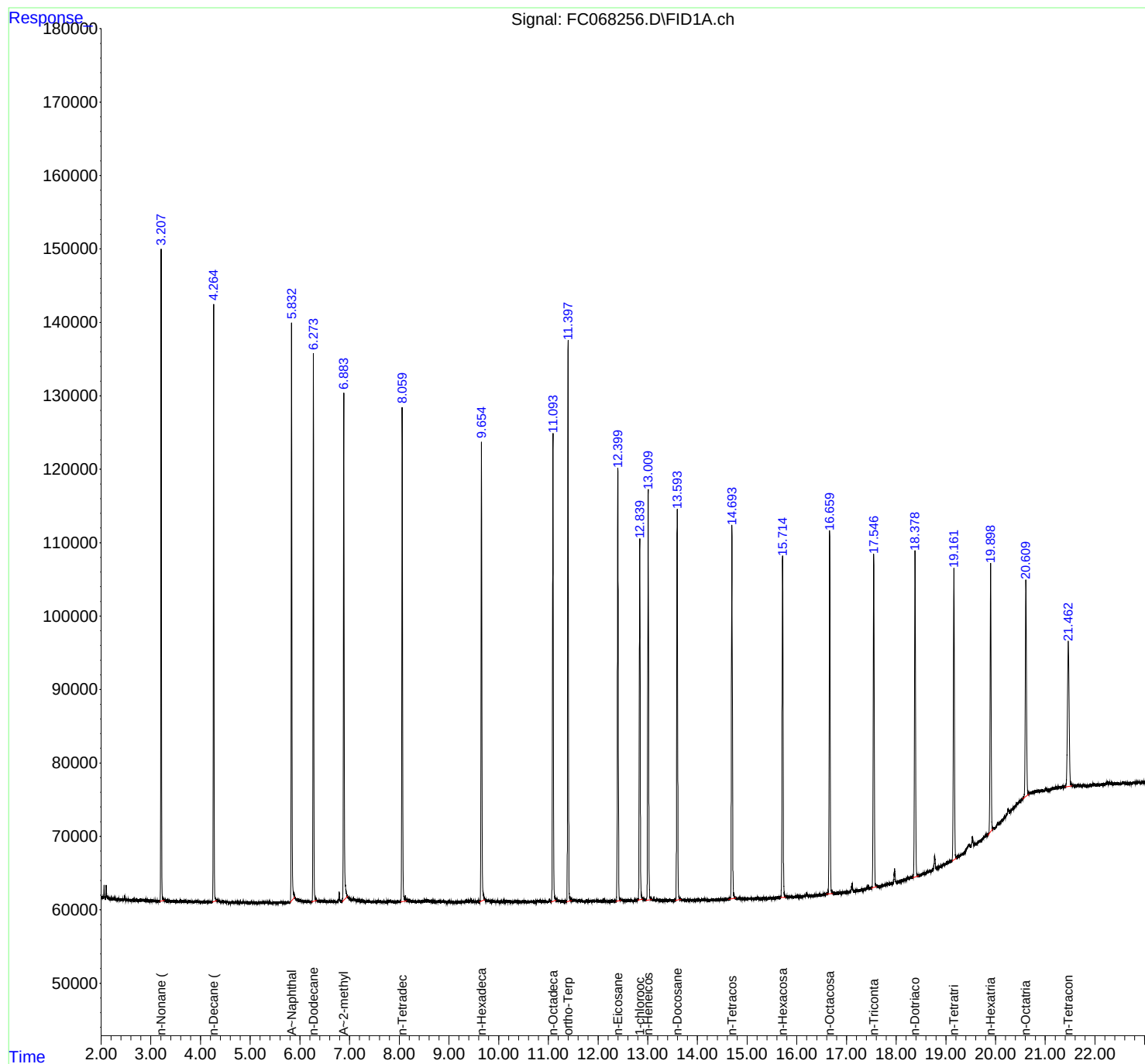
(m)=manual int.

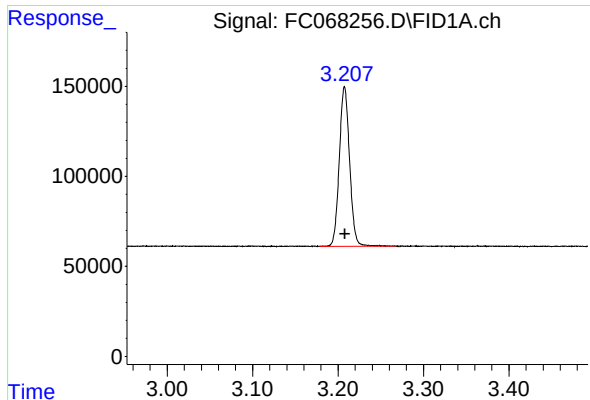
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
Data File : FC068256.D
Signal(s) : FID1A.ch
Acq On : 10 Feb 2025 18:50
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Feb 11 02:30:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Tue Feb 11 02:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

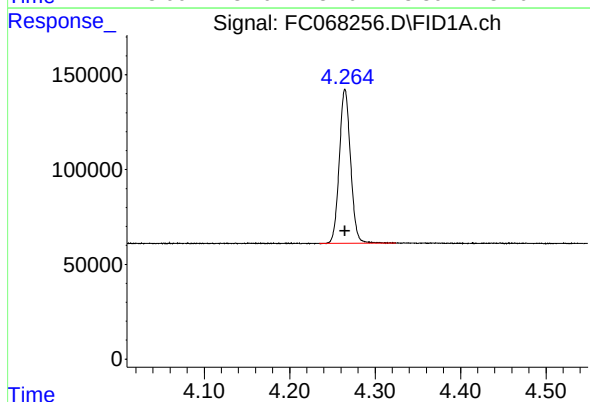




#1 n-Nonane (C9)

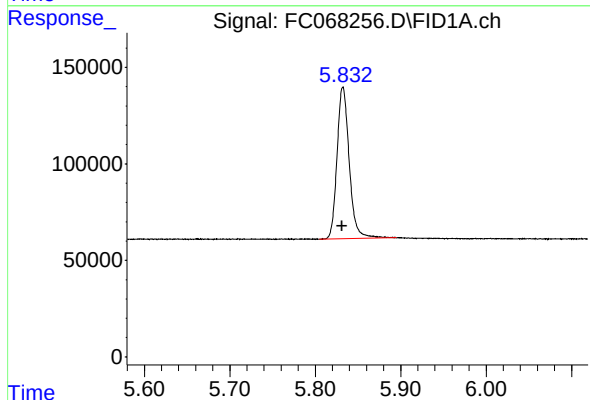
R.T.: 3.208 min
Delta R.T.: 0.000 min
Response: 739660
Conc: 5.22 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



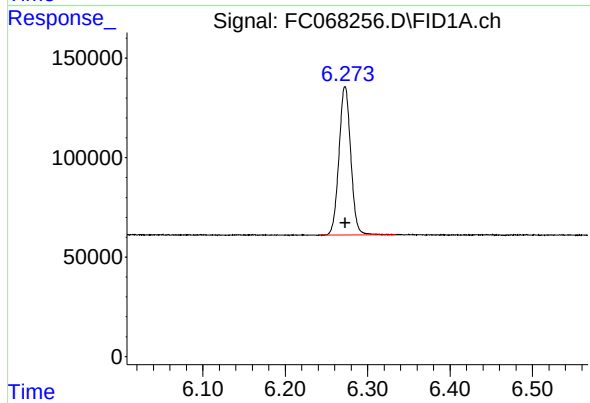
#2 n-Decane (C10)

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 741867
Conc: 5.20 ug/ml



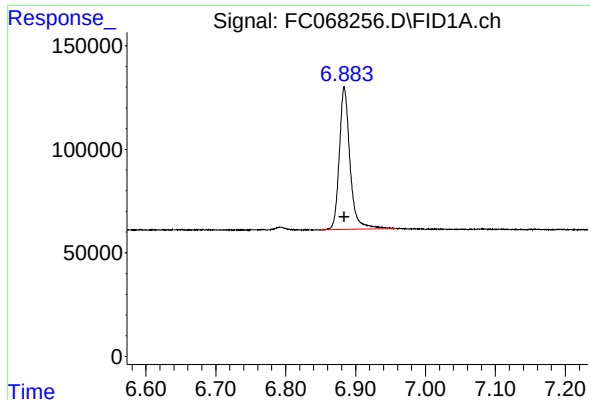
#3 A~Naphthalene (C11.7)

R.T.: 5.833 min
Delta R.T.: 0.001 min
Response: 779725
Conc: 5.04 ug/ml



#4 n-Dodecane (C12)

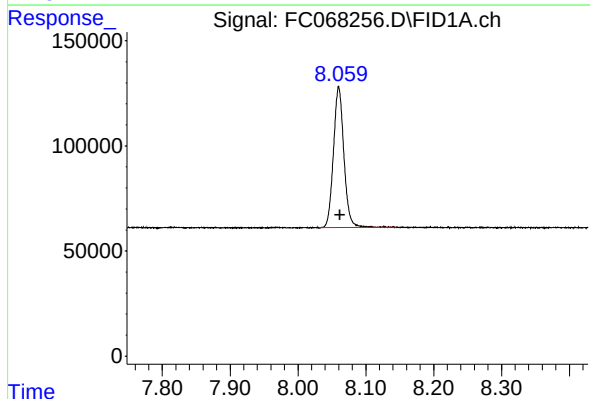
R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 740350
Conc: 5.24 ug/ml



#5 A~2-methylnaphthalene (C12.89)

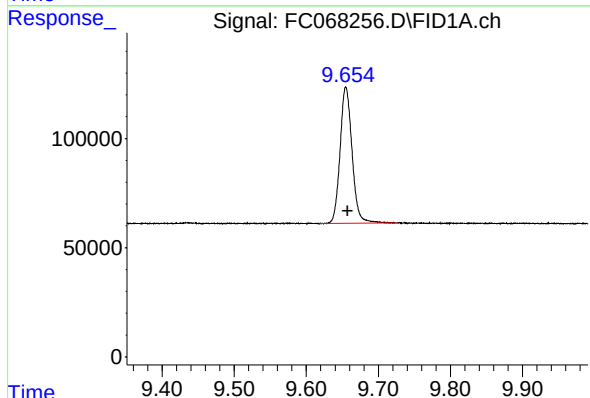
R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 729676
Conc: 4.98 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



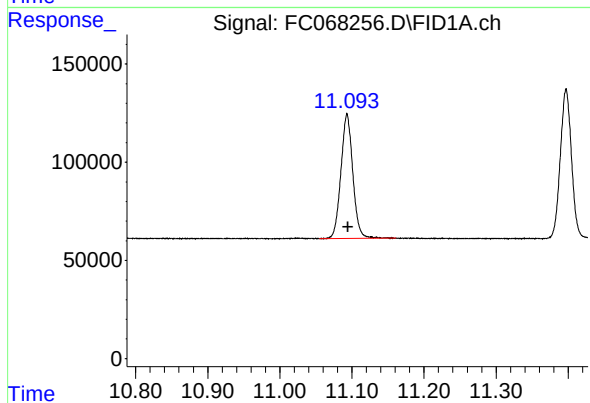
#6 n-Tetradecane (C14)

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 721115
Conc: 5.29 ug/ml



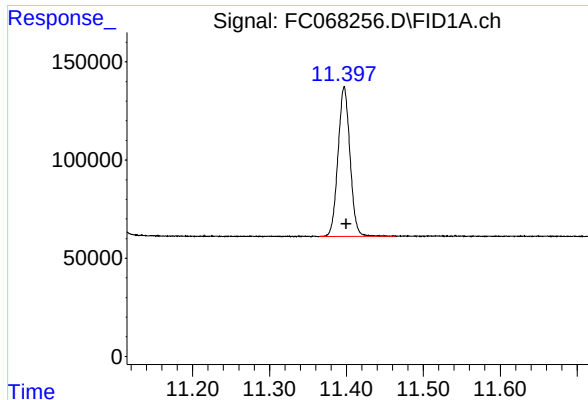
#7 n-Hexadecane (C16)

R.T.: 9.655 min
Delta R.T.: -0.002 min
Response: 722933
Conc: 5.27 ug/ml



#8 n-Octadecane (C18)

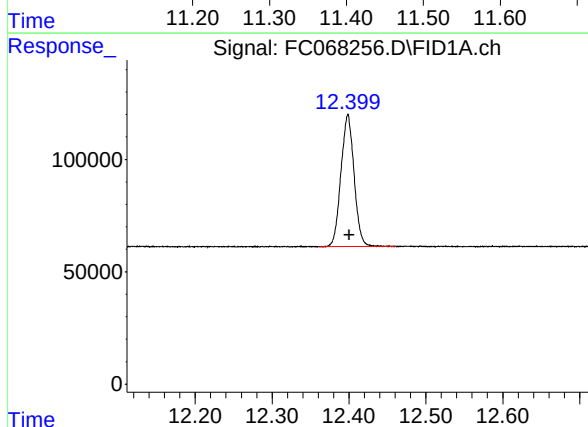
R.T.: 11.093 min
Delta R.T.: -0.001 min
Response: 728153
Conc: 5.31 ug/ml



#9 ortho-Terphenyl (SURR)

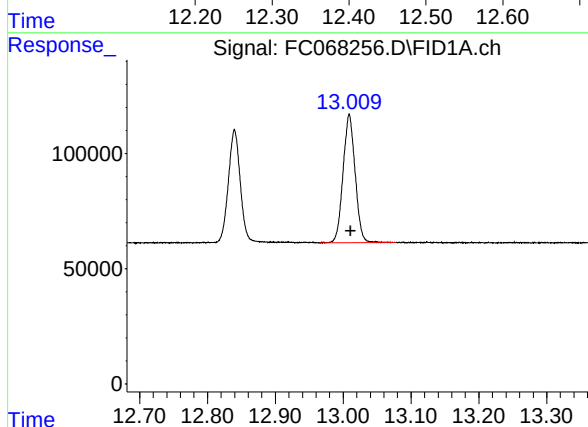
R.T.: 11.397 min
Delta R.T.: -0.003 min
Response: 824094
Conc: 5.37 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



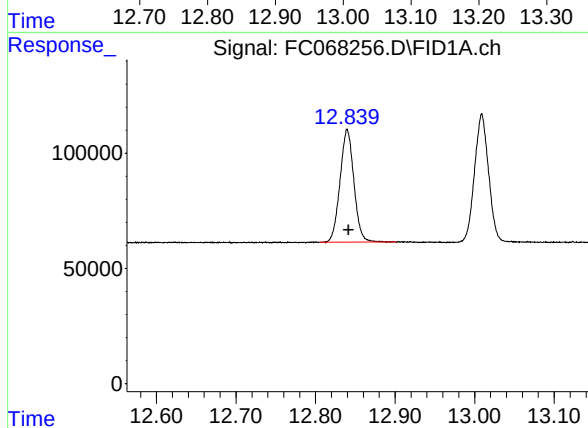
#10 n-Eicosane (C20)

R.T.: 12.398 min
Delta R.T.: -0.002 min
Response: 697130
Conc: 5.34 ug/ml



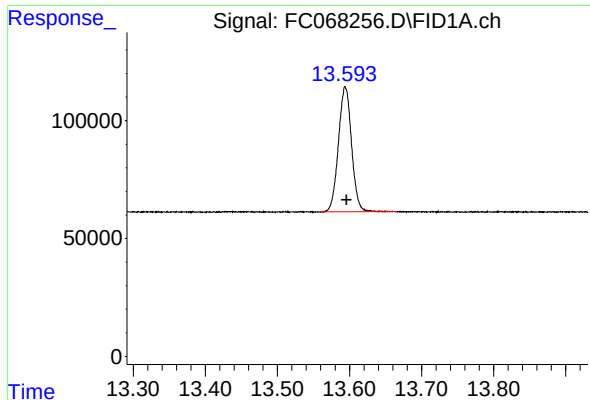
#11 n-Heneicosane (C21)

R.T.: 13.009 min
Delta R.T.: -0.002 min
Response: 687316
Conc: 5.38 ug/ml



#12 1-chlorooctadecane (SURR)

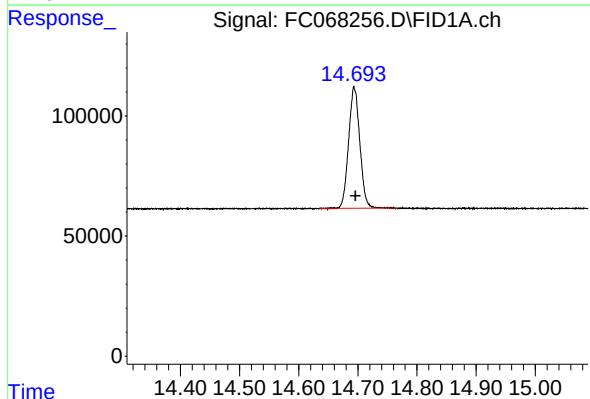
R.T.: 12.840 min
Delta R.T.: -0.002 min
Response: 593786
Conc: 5.26 ug/ml



#13 n-Docosane (C22)

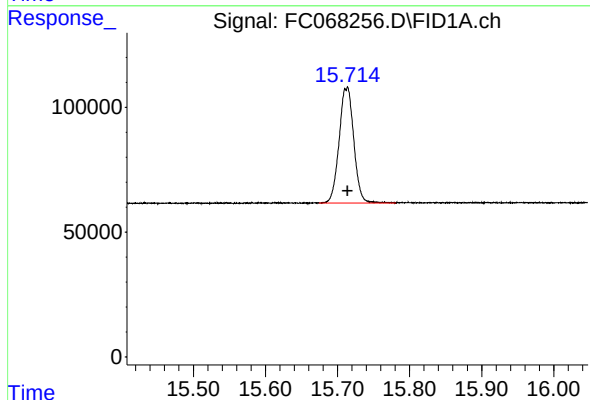
R.T.: 13.594 min
Delta R.T.: -0.002 min
Response: 674382
Conc: 5.34 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



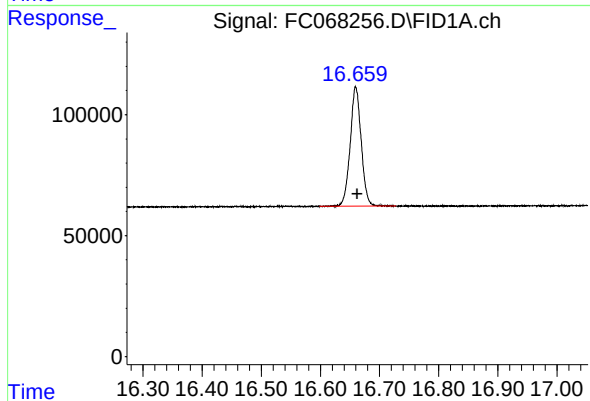
#14 n-Tetracosane (C24)

R.T.: 14.694 min
Delta R.T.: -0.002 min
Response: 667971
Conc: 5.36 ug/ml



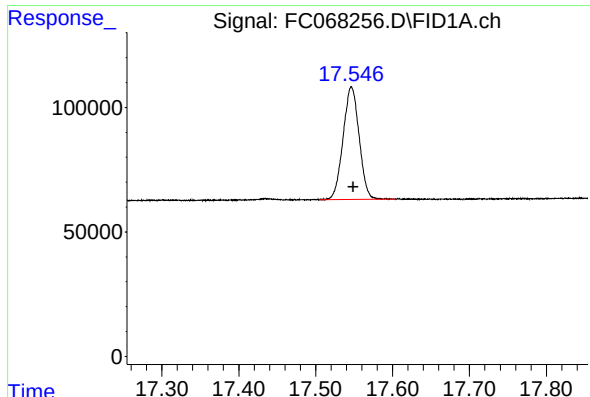
#15 n-Hexacosane (C26)

R.T.: 15.713 min
Delta R.T.: -0.001 min
Response: 652733
Conc: 5.35 ug/ml



#16 n-Octacosane (C28)

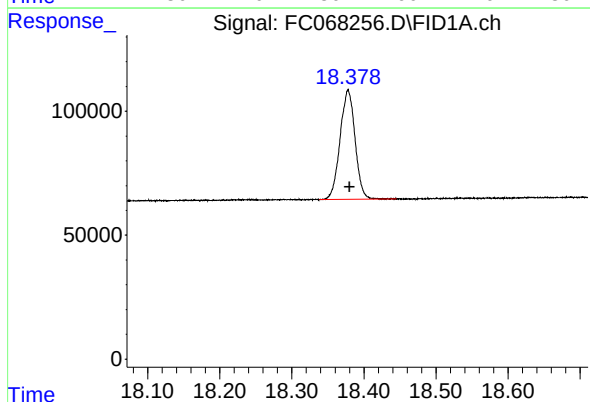
R.T.: 16.660 min
Delta R.T.: -0.002 min
Response: 639945
Conc: 5.37 ug/ml



#17 n-Tricontane (C30)

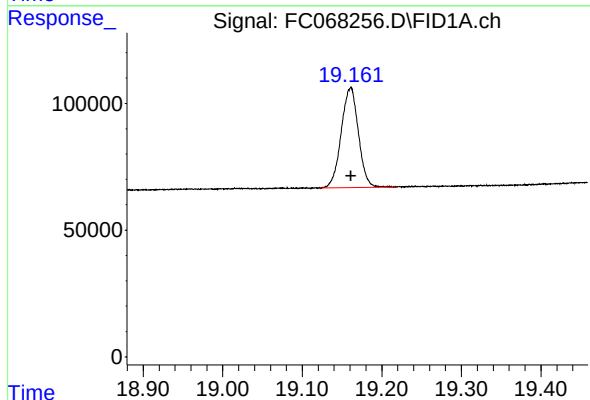
R.T.: 17.547 min
Delta R.T.: -0.002 min
Response: 654656
Conc: 5.46 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



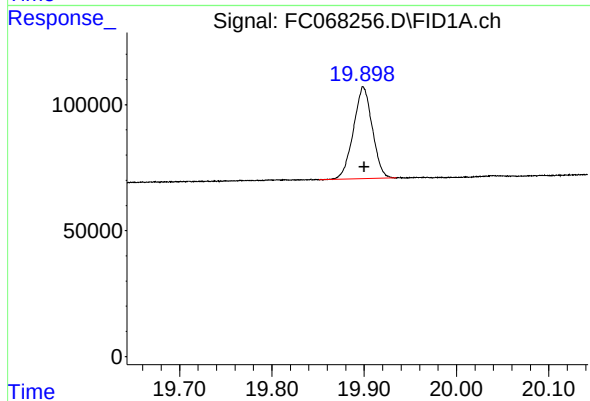
#18 n-Dotriacontane (C32)

R.T.: 18.378 min
Delta R.T.: -0.002 min
Response: 639981
Conc: 5.54 ug/ml



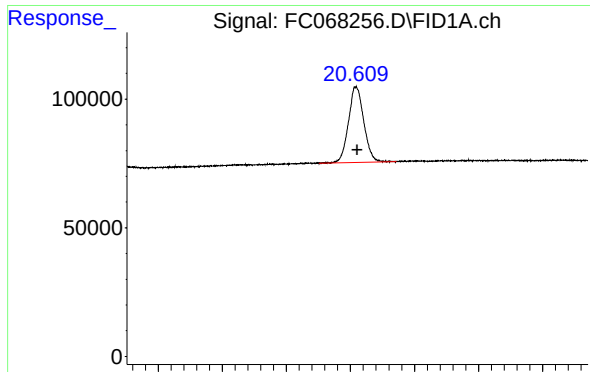
#19 n-Tetatriacontane (C34)

R.T.: 19.160 min
Delta R.T.: 0.000 min
Response: 592586
Conc: 5.50 ug/ml



#20 n-Hexatriacontane (C36)

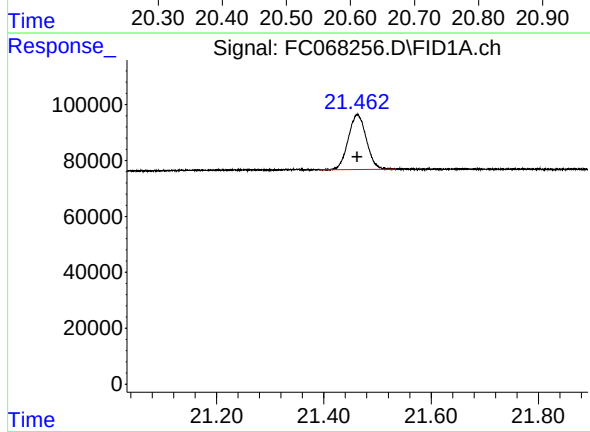
R.T.: 19.899 min
Delta R.T.: 0.000 min
Response: 518944
Conc: 5.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.609 min
Delta R.T.: -0.002 min
Response: 485383
Conc: 5.38 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.462 min
Delta R.T.: 0.000 min
Response: 459428
Conc: 5.30 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
Data File : FC068256.D
Signal(s) : FID1A.ch
Acq On : 10 Feb 2025 18:50
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.208	3.178	3.268	BB	88225	739660	89.75%	5.035%
2	4.265	4.234	4.324	BB	81016	741867	90.02%	5.050%
3	5.833	5.804	5.894	BB	78603	779725	94.62%	5.307%
4	6.273	6.241	6.334	BB	74589	740350	89.84%	5.039%
5	6.884	6.848	6.958	BB	68142	729676	88.54%	4.967%
6	8.060	8.031	8.144	BB	66668	721115	87.50%	4.908%
7	9.655	9.618	9.724	BB	62427	722933	87.72%	4.921%
8	11.093	11.054	11.161	BB	62811	728153	88.36%	4.956%
9	11.397	11.364	11.464	BB	75900	824094	100.00%	5.609%
10	12.398	12.361	12.461	BB	58302	697130	84.59%	4.745%
11	12.840	12.804	12.901	BB	48610	593786	72.05%	4.042%
12	13.009	12.964	13.078	BB	55281	687316	83.40%	4.678%
13	13.594	13.558	13.664	BB	53078	674382	81.83%	4.590%
14	14.694	14.634	14.764	BB	50164	667971	81.06%	4.547%
15	15.713	15.674	15.781	BB	46241	652733	79.21%	4.443%
16	16.660	16.598	16.728	BB	48962	639945	77.65%	4.356%
17	17.547	17.504	17.604	BB	44994	654656	79.44%	4.456%
18	18.378	18.338	18.444	BB	44176	639981	77.66%	4.356%
19	19.160	19.121	19.218	BB	39586	592586	71.91%	4.033%
20	19.899	19.851	19.934	BB	36345	518944	62.97%	3.532%
21	20.609	20.551	20.671	BB	29349	485383	58.90%	3.304%
22	21.462	21.391	21.534	BB	19678	459428	55.75%	3.127%
Sum of corrected areas:						14691811		

Aliphatic EPH 021125.M Tue Feb 11 02:40:20 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
 Data File : FC068257.D
 Signal(s) : FID1A.ch
 Acq On : 10 Feb 2025 19:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Feb 11 02:33:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 11 02:29:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.399	3006153	19.591 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
12) S 1-chlorooctadecane (S...	12.841	2210712	19.655 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
Target Compounds			
1) T n-Nonane (C9)	3.207	2763389	19.644 ug/ml
2) T n-Decane (C10)	4.265	2787474	19.676 ug/ml
3) T A~Naphthalene (C11.7)	5.832	3022645	19.751 ug/ml
4) T n-Dodecane (C12)	6.274	2762475	19.626 ug/ml
5) T A~2-methylnaphthalene...	6.884	2871264	19.825 ug/ml
6) T n-Tetradecane (C14)	8.061	2665240	19.548 ug/ml
7) T n-Hexadecane (C16)	9.657	2676698	19.543 ug/ml
8) T n-Octadecane (C18)	11.095	2671678	19.536 ug/ml
10) T n-Eicosane (C20)	12.401	2547036	19.549 ug/ml
11) T n-Heneicosane (C21)	13.011	2500910	19.562 ug/ml
13) T n-Docosane (C22)	13.595	2472408	19.618 ug/ml
14) T n-Tetracosane (C24)	14.696	2447601	19.679 ug/ml
15) T n-Hexacosane (C26)	15.714	2396918	19.713 ug/ml
16) T n-Octacosane (C28)	16.662	2352553	19.808 ug/ml
17) T n-Tricontane (C30)	17.548	2368324	19.676 ug/ml
18) T n-Dotriacontane (C32)	18.379	2282342	19.664 ug/ml
19) T n-Tetratriacontane (C34)	19.160	2121381	19.632 ug/ml
20) T n-Hexatriacontane (C36)	19.898	1897153	19.727 ug/ml
21) T n-Octatriacontane (C38)	20.609	1768616	19.674 ug/ml
22) T n-Tetracontane (C40)	21.462	1709466	19.758 ug/ml

(f)=RT Delta > 1/2 Window

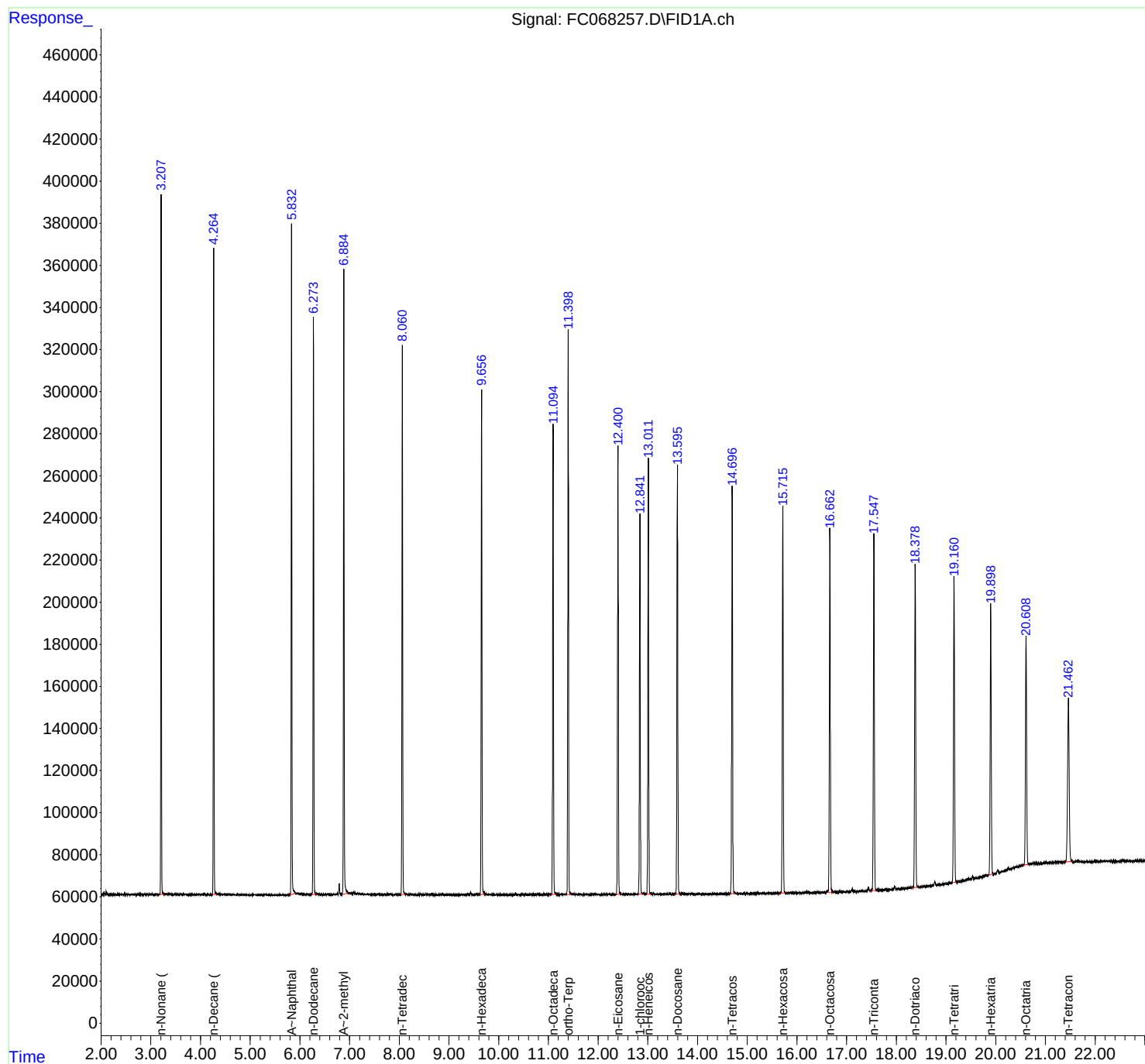
(m)=manual int.

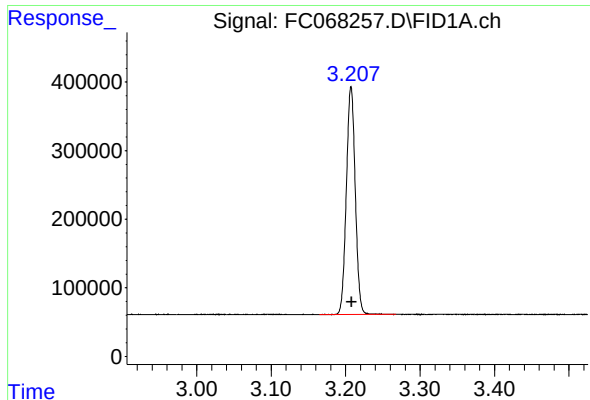
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
Data File : FC068257.D
Signal(s) : FID1A.ch
Acq On : 10 Feb 2025 19:26
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Feb 11 02:33:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Tue Feb 11 02:29:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

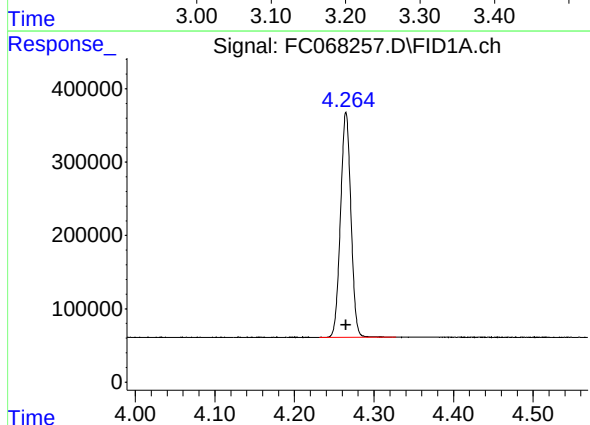
R.T.: 3.207 min
Delta R.T.: 0.000 min
Response: 2763389
Conc: 19.64 ug/ml

Instrument :

FID_C

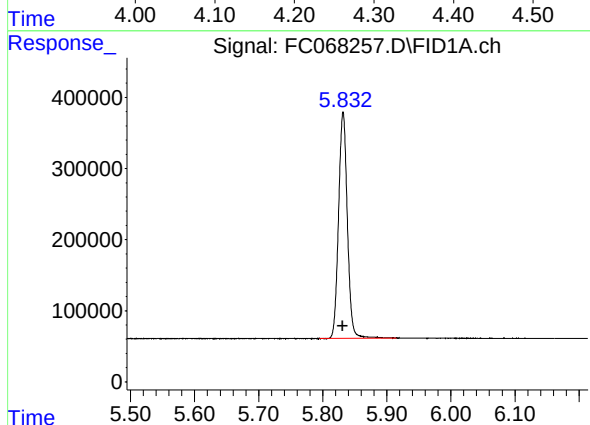
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



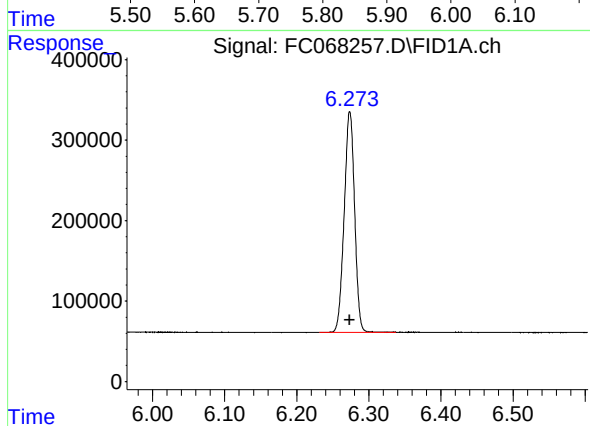
#2 n-Decane (C10)

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 2787474
Conc: 19.68 ug/ml



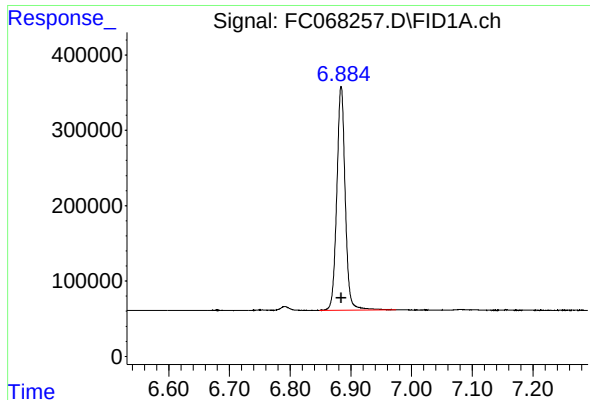
#3 A~Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 3022645
Conc: 19.75 ug/ml



#4 n-Dodecane (C12)

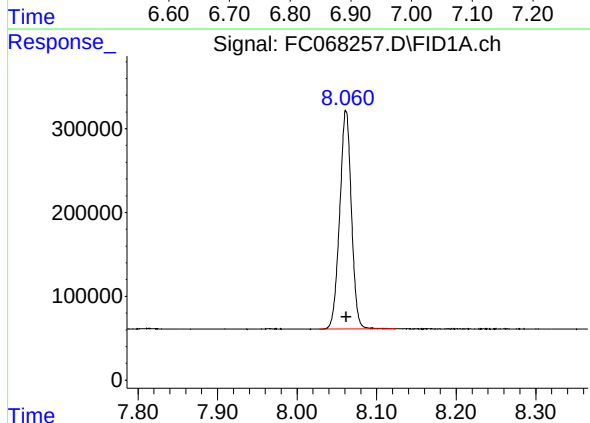
R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 2762475
Conc: 19.63 ug/ml



#5 A~2-methylnaphthalene (C12.89)

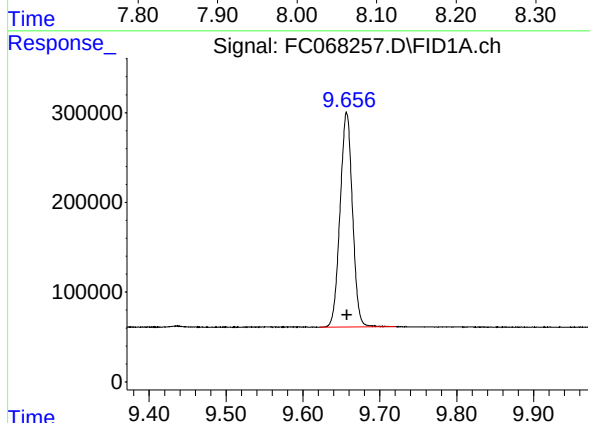
R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 2871264
Conc: 19.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



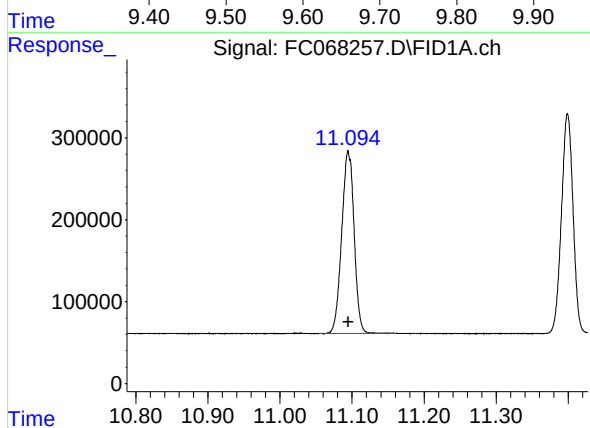
#6 n-Tetradecane (C14)

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 2665240
Conc: 19.55 ug/ml



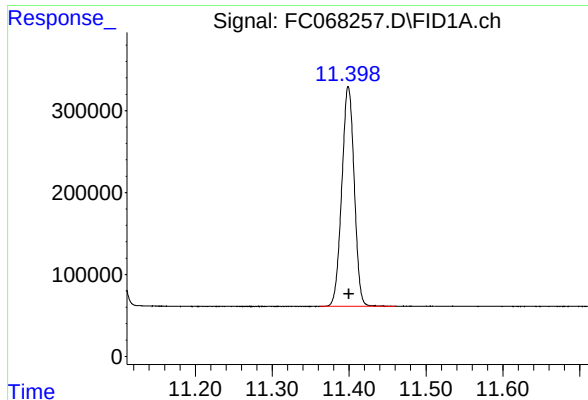
#7 n-Hexadecane (C16)

R.T.: 9.657 min
Delta R.T.: 0.000 min
Response: 2676698
Conc: 19.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.095 min
Delta R.T.: 0.000 min
Response: 2671678
Conc: 19.54 ug/ml



#9 ortho-Terphenyl (SURR)

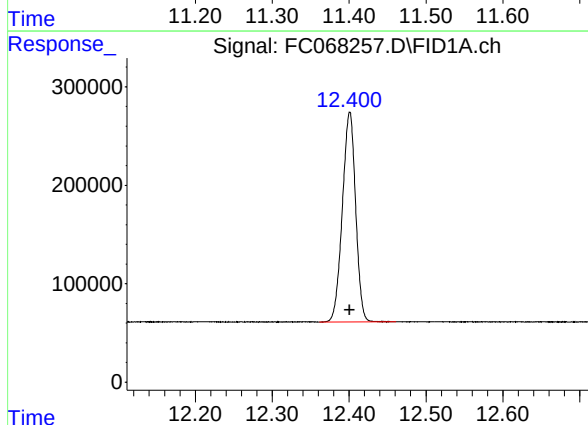
R.T.: 11.399 min
Delta R.T.: 0.000 min
Response: 3006153
Conc: 19.59 ug/ml

Instrument :

FID_C

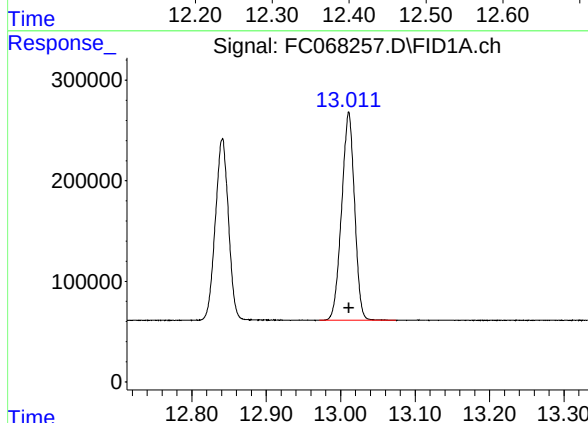
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



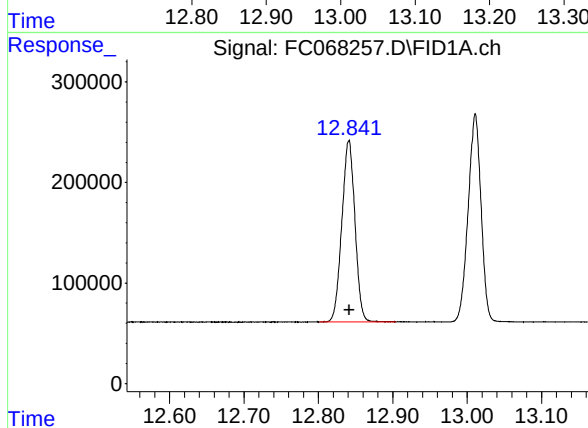
#10 n-Eicosane (C20)

R.T.: 12.401 min
Delta R.T.: 0.000 min
Response: 2547036
Conc: 19.55 ug/ml



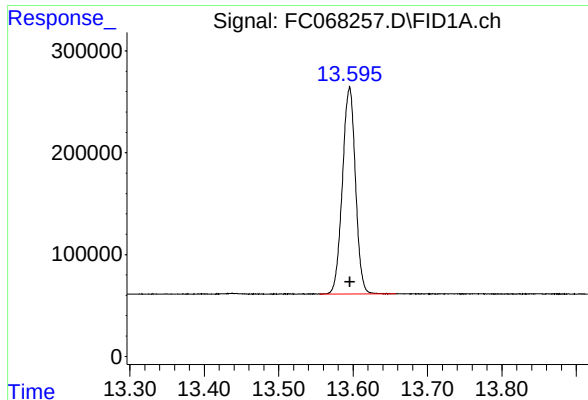
#11 n-Heneicosane (C21)

R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 2500910
Conc: 19.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.841 min
Delta R.T.: 0.000 min
Response: 2210712
Conc: 19.66 ug/ml



#13 n-Docosane (C22)

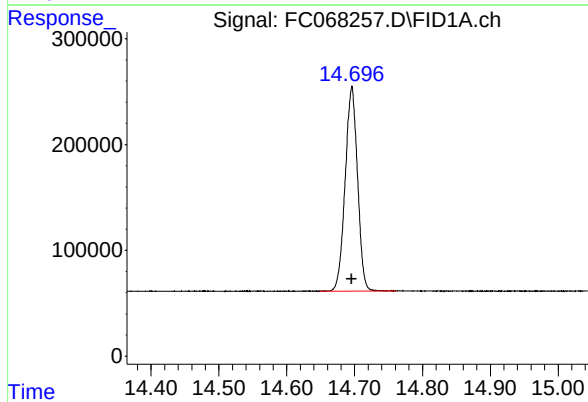
R.T.: 13.595 min
Delta R.T.: 0.000 min
Response: 2472408
Conc: 19.62 ug/ml

Instrument :

FID_C

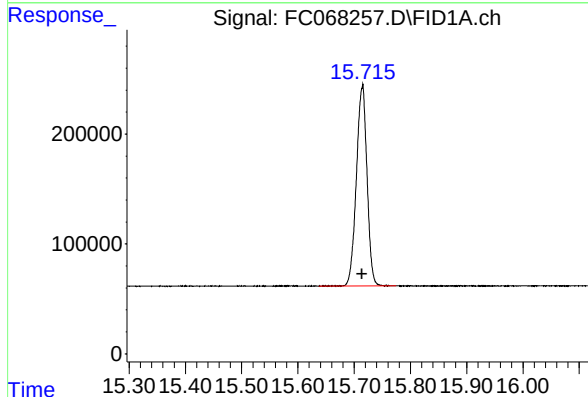
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



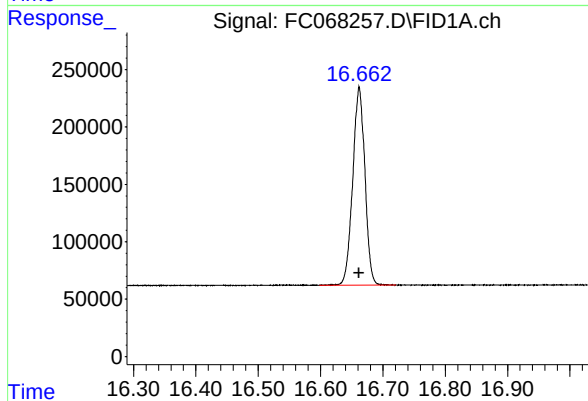
#14 n-Tetracosane (C24)

R.T.: 14.696 min
Delta R.T.: 0.000 min
Response: 2447601
Conc: 19.68 ug/ml



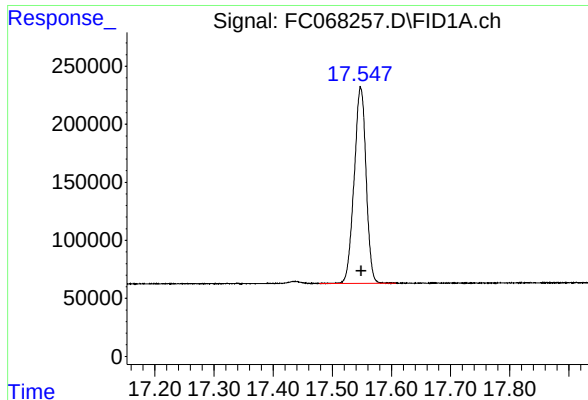
#15 n-Hexacosane (C26)

R.T.: 15.714 min
Delta R.T.: 0.000 min
Response: 2396918
Conc: 19.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.662 min
Delta R.T.: 0.000 min
Response: 2352553
Conc: 19.81 ug/ml



#17 n-Tricontane (C30)

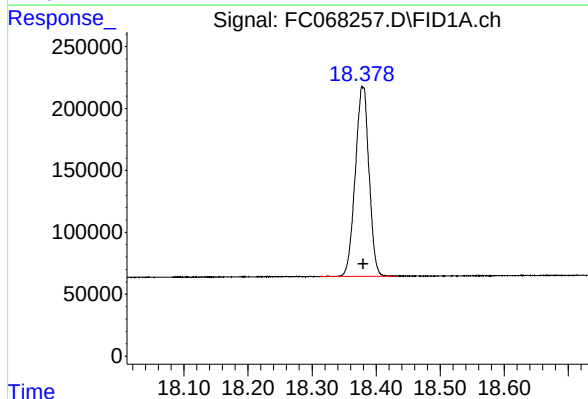
R.T.: 17.548 min
Delta R.T.: -0.001 min
Response: 2368324
Conc: 19.68 ug/ml

Instrument :

FID_C

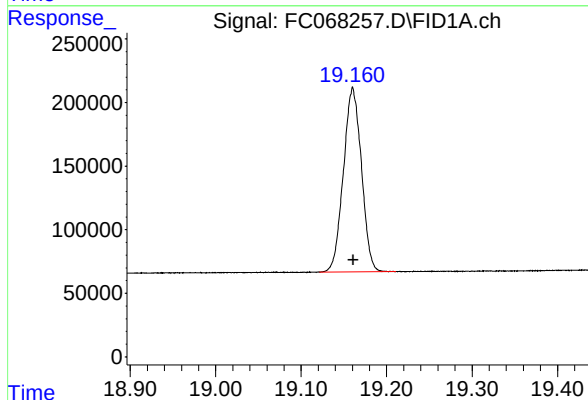
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



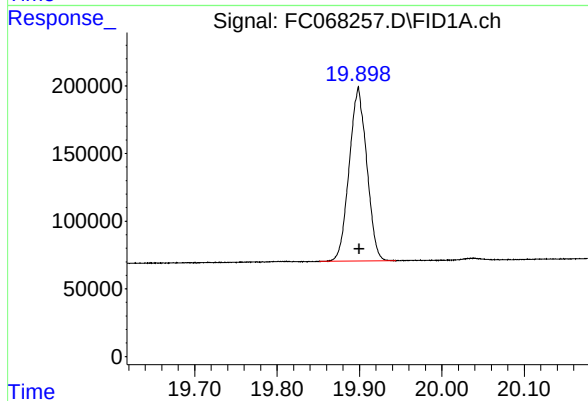
#18 n-Dotriacontane (C32)

R.T.: 18.379 min
Delta R.T.: 0.000 min
Response: 2282342
Conc: 19.66 ug/ml



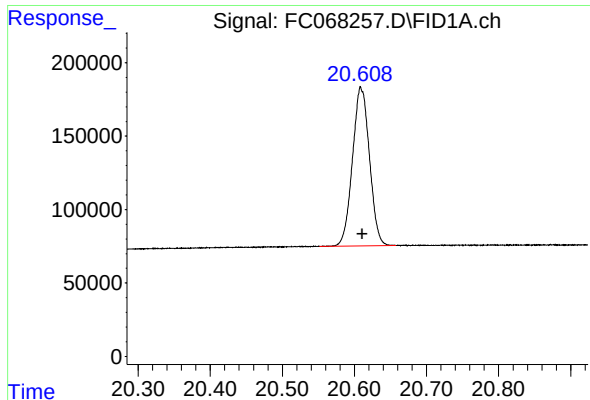
#19 n-Tetatriacontane (C34)

R.T.: 19.160 min
Delta R.T.: 0.000 min
Response: 2121381
Conc: 19.63 ug/ml



#20 n-Hexatriacontane (C36)

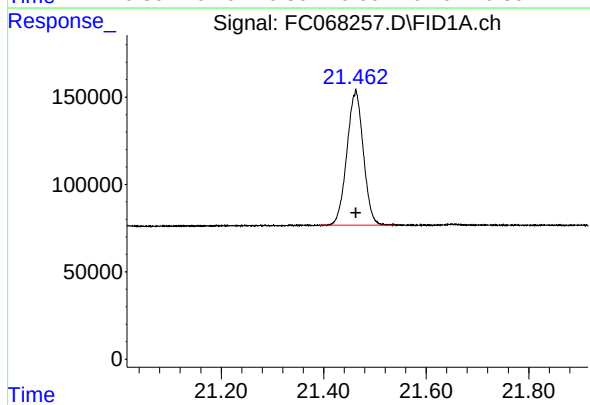
R.T.: 19.898 min
Delta R.T.: -0.002 min
Response: 1897153
Conc: 19.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.609 min
Delta R.T.: -0.002 min
Response: 1768616
Conc: 19.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.462 min
Delta R.T.: 0.000 min
Response: 1709466
Conc: 19.76 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
Data File : FC068257.D
Signal(s) : FID1A.ch
Acq On : 10 Feb 2025 19:26
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.207	3.164	3.268	BB	332094	2763389	91.42%	5.089%
2	4.265	4.231	4.328	BB	306680	2787474	92.22%	5.133%
3	5.832	5.794	5.914	BB	316234	3022645	100.00%	5.566%
4	6.274	6.231	6.338	BB	274740	2762475	91.39%	5.087%
5	6.884	6.848	6.974	BB	297539	2871264	94.99%	5.288%
6	8.061	8.028	8.124	BB	260997	2665240	88.18%	4.908%
7	9.657	9.621	9.721	BB	239943	2676698	88.55%	4.929%
8	11.095	11.054	11.161	BB	222508	2671678	88.39%	4.920%
9	11.399	11.361	11.461	BB	268482	3006153	99.45%	5.536%
10	12.401	12.361	12.461	BB	214041	2547036	84.27%	4.690%
11	12.841	12.801	12.904	BB	180766	2210712	73.14%	4.071%
12	13.011	12.971	13.074	BB	207142	2500910	82.74%	4.606%
13	13.595	13.554	13.658	BB	201306	2472408	81.80%	4.553%
14	14.696	14.648	14.761	BB	189927	2447601	80.98%	4.507%
15	15.714	15.638	15.774	BB	182011	2396918	79.30%	4.414%
16	16.662	16.598	16.721	BB	171008	2352553	77.83%	4.332%
17	17.548	17.478	17.608	BB	168872	2368324	78.35%	4.361%
18	18.379	18.311	18.431	BB	154550	2282342	75.51%	4.203%
19	19.160	19.121	19.211	BB	143746	2121381	70.18%	3.907%
20	19.898	19.851	19.944	BB	125666	1897153	62.76%	3.494%
21	20.609	20.551	20.658	BB	106434	1768616	58.51%	3.257%
22	21.462	21.391	21.541	BB	75880	1709466	56.56%	3.148%
Sum of corrected areas:						54302432		

Aliphatic EPH 021125.M Tue Feb 11 02:40:39 2025

Initial Calibration Report for SequenceID : FD021125AR

AreaCount

Parameter Range	FD049072.D	FD049073.D	FD049074.D	FD049075.D	FD049076.D	
Aromatic C10-C12	30133782.000	15194817.000	6263156.000	3318077.000	1700032.000	
Aromatic C12-C16	44977690.000	22823722.000	9507721.000	5041964.000	2641021.000	
Aromatic C16-C21	58435647.000	29734390.000	12145436.000	6295751.000	3256475.000	
Aromatic C21-C36	121981098.000	62220992.000	25499877.000	13225172.000	6892110.000	
Aromatic EPH	255528217.000	129973921.000	53416190.000	27880964.000	14489638.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	159020.606	5.389				
Aromatic C12-C16	160935.8659994	6.836				
Aromatic C16-C21	153359.3085	4.411				
Aromatic C21-C36	143114.7526664	4.923				
Aromatic EPH	150128.8232216	5.194				

Concentration

Parameter Range	FD049072.D	FD049073.D	FD049074.D	FD049075.D	FD049076.D	
Aromatic C10-C12	200.000	100.000	40.000	20.000	10.000	
Aromatic C12-C16	300.000	150.000	60.000	30.000	15.000	
Aromatic C16-C21	400.000	200.000	80.000	40.000	20.000	
Aromatic C21-C36	900.000	450.000	180.000	90.000	45.000	
Aromatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FD049072.D	FD049073.D	FD049074.D	FD049075.D	FD049076.D	
Aromatic C10-C12	150668.910000	151948.170000	156578.900000	165903.850000	170003.200000	
Aromatic C12-C16	149925.633333	152158.146666	158462.016666	168065.466666	176068.066666	
Aromatic C16-C21	146089.117500	148671.950000	151817.950000	157393.775000	162823.750000	
Aromatic C21-C36	135534.553333	138268.871111	141665.983333	146946.355555	153158.000000	
Aromatic EPH	141960.120555	144415.467777	148378.305555	154894.244444	160995.977777	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
 Data File : FD049072.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 13:22
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Feb 10 15:30:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 10 15:28:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.356	13521753	97.612 ug/ml
Spiked Amount 50.000		Recovery =	195.22%
6) S 2-Fluorobiphenyl (SURR)	8.206	9031094	100.727 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	201.45%#
11) S ortho-Terphenyl (SURR)	11.242	14903579	96.771 ug/ml
Spiked Amount 50.000		Recovery =	193.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	14869075	97.560 ug/ml
2) T Naphthalene (C11.7)	5.697	15264707	98.585 ug/ml
3) T 2-Methylnaphthalene (...)	6.744	14901306	97.974 ug/ml
5) T Acenaphthylene (C15.06)	8.010	15174302	97.403 ug/ml
7) T Acenaphthene (C15.5)	8.306	14902082	96.330 ug/ml
8) T Fluorene (C16.55)	9.085	14990417	97.888 ug/ml
9) T Phenanthrene (C19.36)	10.472	14561159	98.628 ug/ml
10) T Anthracene (C19.43)	10.548	14369869	97.698 ug/ml
12) T Fluoranthene (C21.85)	12.278	14577451	97.401 ug/ml
13) T Pyrene (C20.8)	12.571	14514202	98.100 ug/ml
14) T Benzo[a]anthracene (C...	14.441	13838427	101.145 ug/ml
15) T Chrysene (C27.41)	14.487	14067276	95.042 ug/ml
16) T benzo[b]fluoranthene ...	15.992	13742882	98.944 ug/ml
17) T Bnezo[k]fluoranthene ...	16.030	13818927	96.450 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.370	13061093	98.611 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.738	12478937	107.613 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	13100134	91.486 ug/ml
21) T Benzo[g,h,i]perylene ...	17.995	13295971	96.863 ug/ml

(f)=RT Delta > 1/2 Window

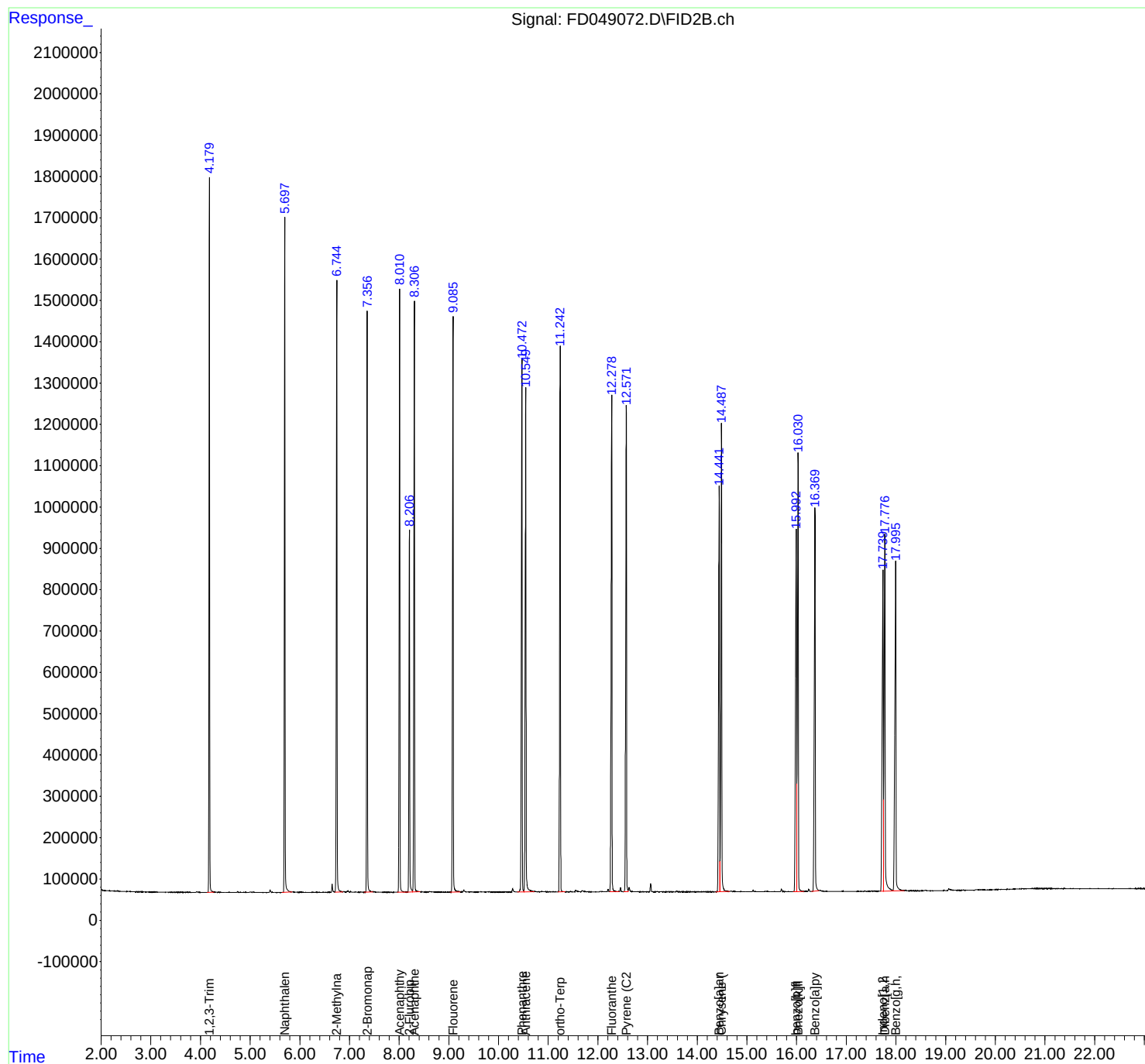
(m)=manual int.

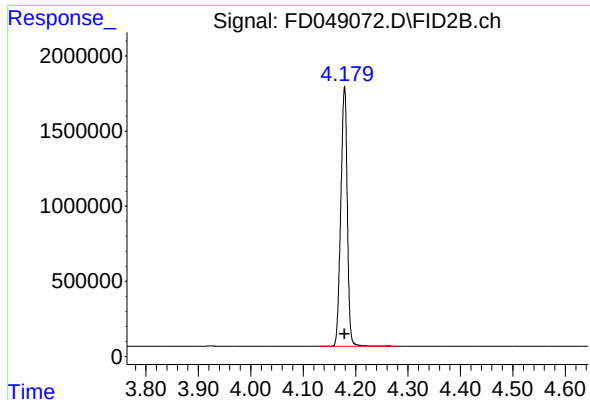
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
Data File : FD049072.D
Signal(s) : FID2B.ch
Acq On : 10 Feb 2025 13:22
Operator : YP/AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

Integration File: autoint1.e
Quant Time: Feb 10 15:30:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Mon Feb 10 15:28:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





#1 1,2,3-Trimethylbenzene (C10.1)

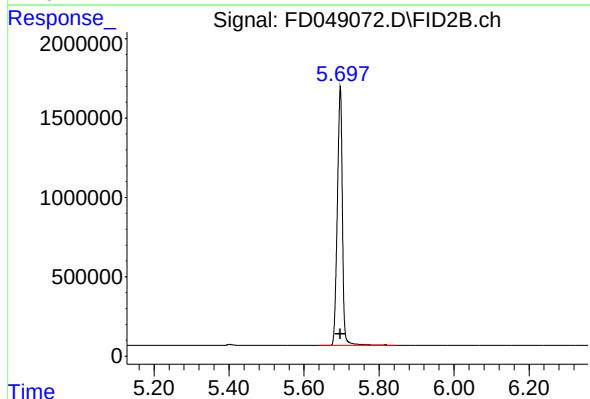
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 14869075
Conc: 97.56 ug/ml

Instrument :

FID_D

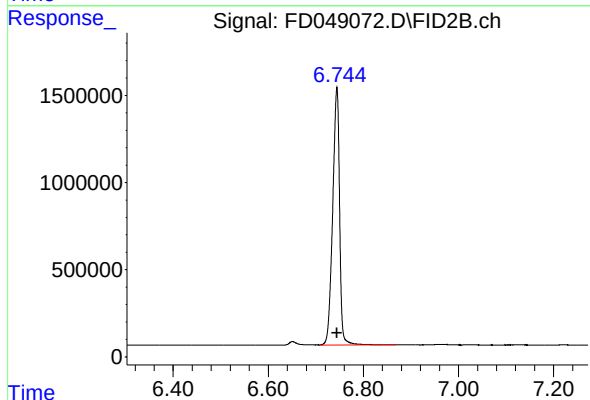
ClientSampleId :

100 PPM AROMATIC HC STD1



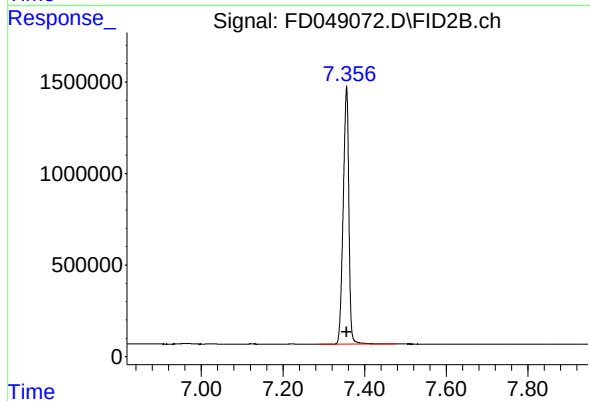
#2 Naphthalene (C11.7)

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 15264707
Conc: 98.58 ug/ml



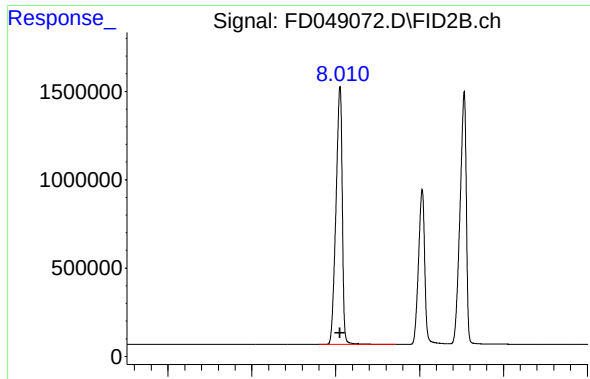
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 14901306
Conc: 97.97 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 13521753
Conc: 97.61 ug/ml



#5 Acenaphthylene (C15.06)

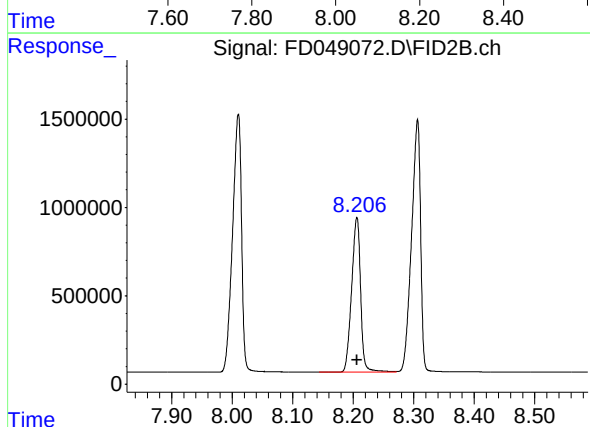
R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 15174302
Conc: 97.40 ug/ml

Instrument :

FID_D

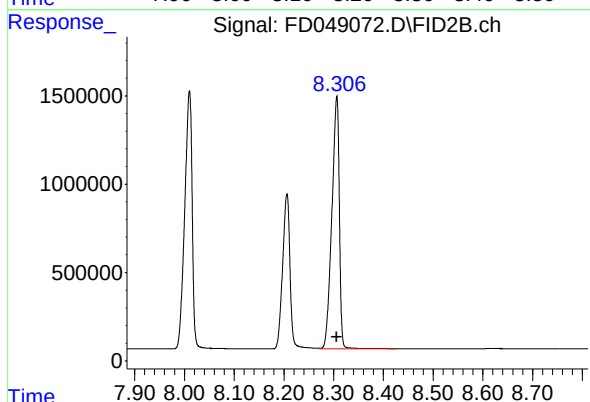
ClientSampleId :

100 PPM AROMATIC HC STD1



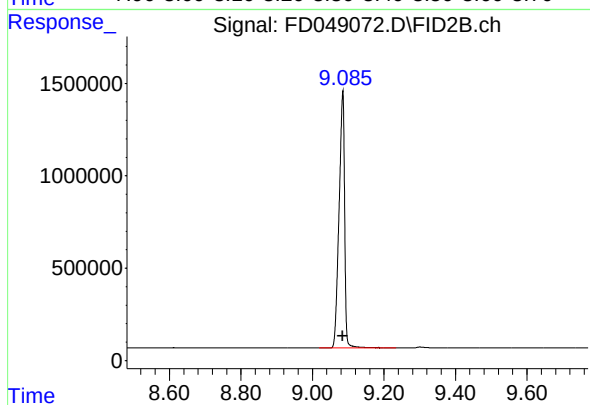
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 9031094
Conc: 100.73 ug/ml



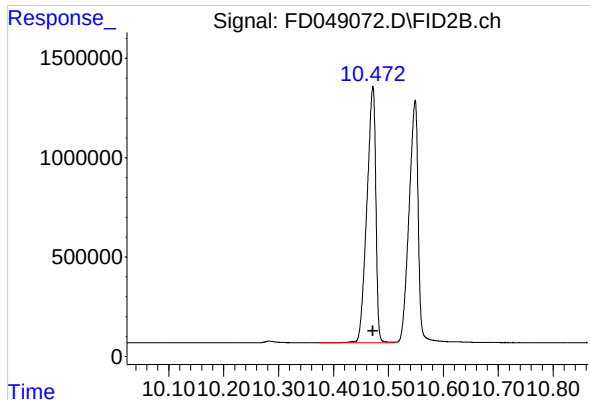
#7 Acenaphthene (C15.5)

R.T.: 8.306 min
Delta R.T.: 0.000 min
Response: 14902082
Conc: 96.33 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.085 min
Delta R.T.: 0.000 min
Response: 14990417
Conc: 97.89 ug/ml



#9 Phenanthrene (C19.36)

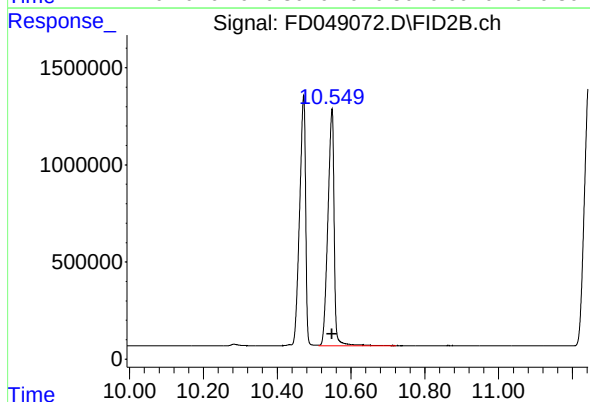
R.T.: 10.472 min
Delta R.T.: 0.000 min
Response: 14561159
Conc: 98.63 ug/ml

Instrument :

FID_D

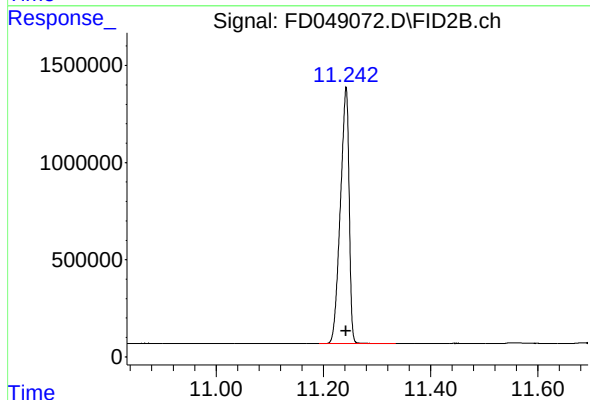
ClientSampleId :

100 PPM AROMATIC HC STD1



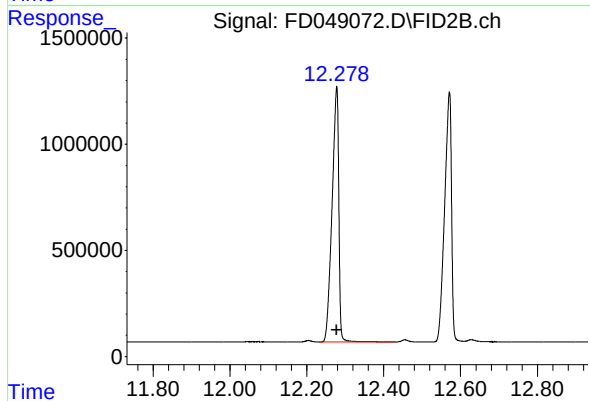
#10 Anthracene (C19.43)

R.T.: 10.548 min
Delta R.T.: 0.000 min
Response: 14369869
Conc: 97.70 ug/ml



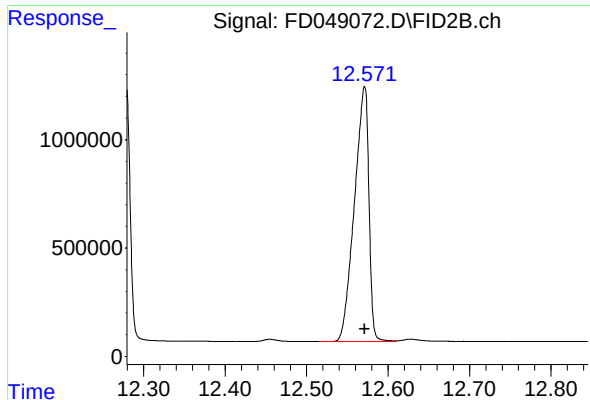
#11 ortho-Terphenyl (SURR)

R.T.: 11.242 min
Delta R.T.: 0.000 min
Response: 14903579
Conc: 96.77 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.278 min
Delta R.T.: 0.000 min
Response: 14577451
Conc: 97.40 ug/ml



#13 Pyrene (C20.8)

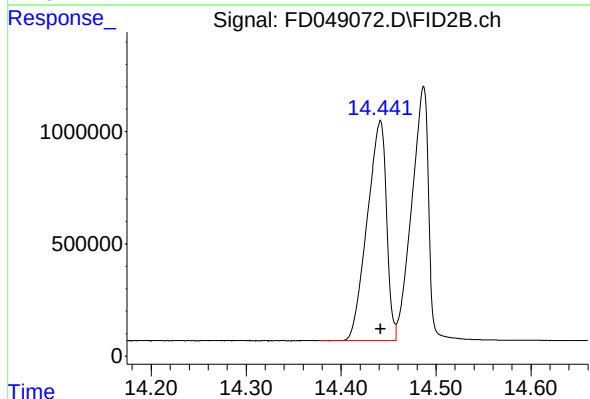
R.T.: 12.571 min
Delta R.T.: 0.000 min
Response: 14514202
Conc: 98.10 ug/ml

Instrument :

FID_D

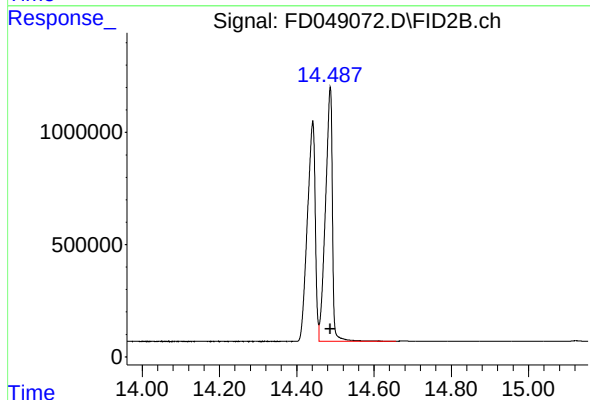
ClientSampleId :

100 PPM AROMATIC HC STD1



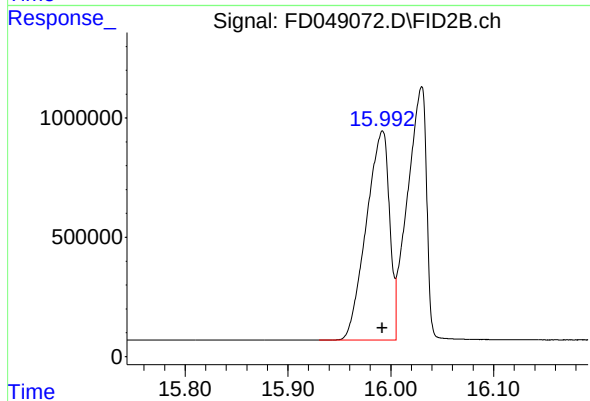
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.441 min
Delta R.T.: 0.000 min
Response: 13838427
Conc: 101.14 ug/ml



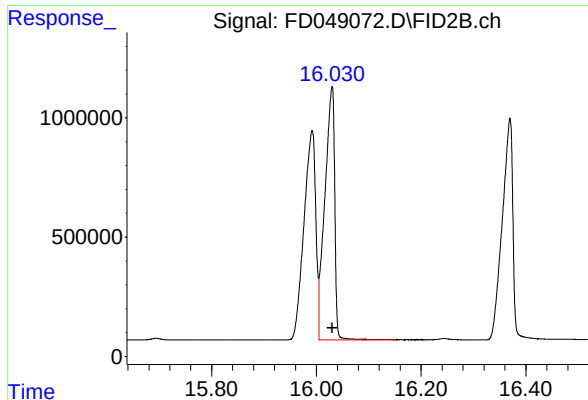
#15 Chrysene (C27.41)

R.T.: 14.487 min
Delta R.T.: 0.000 min
Response: 14067276
Conc: 95.04 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.992 min
Delta R.T.: 0.000 min
Response: 13742882
Conc: 98.94 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

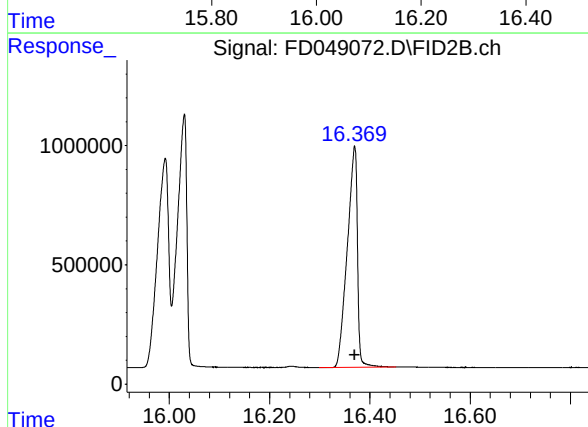
R.T.: 16.030 min
Delta R.T.: 0.000 min
Response: 13818927
Conc: 96.45 ug/ml

Instrument :

FID_D

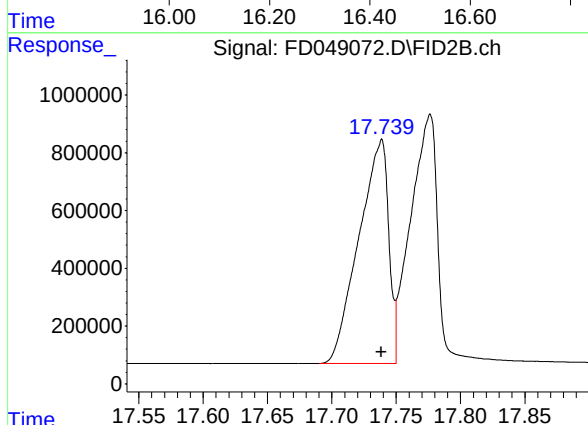
ClientSampleId :

100 PPM AROMATIC HC STD1



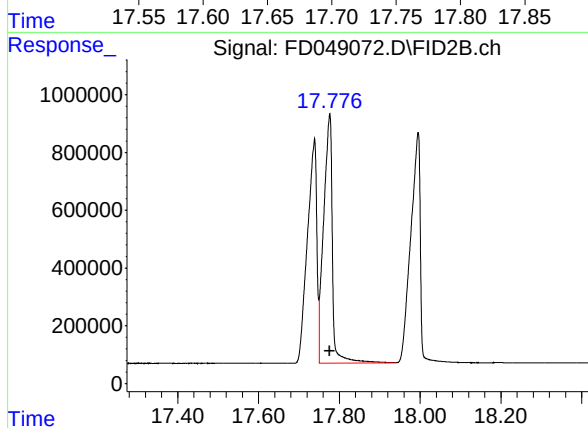
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.370 min
Delta R.T.: 0.000 min
Response: 13061093
Conc: 98.61 ug/ml



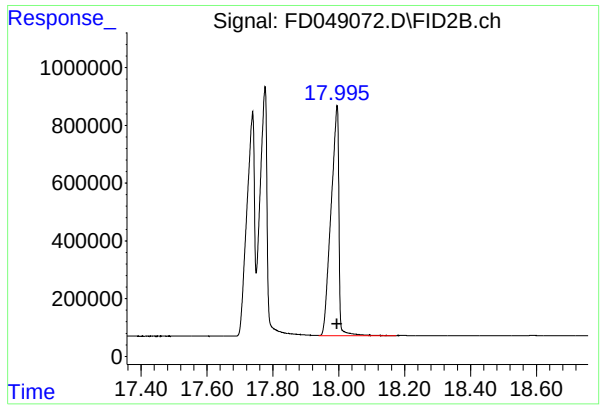
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.738 min
Delta R.T.: 0.000 min
Response: 12478937
Conc: 107.61 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.776 min
Delta R.T.: 0.000 min
Response: 13100134
Conc: 91.49 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.995 min
Delta R.T.: 0.000 min
Response: 13295971
Conc: 96.86 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
Data File : FD049072.D
Signal(s) : FID2B.ch
Acq On : 10 Feb 2025 13:22
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.179	4.130	4.277	BV	1725911	14869075	97.41%	5.075%
2	5.697	5.640	5.845	BV	1634675	15264707	100.00%	5.210%
3	6.744	6.707	6.869	VV	1483646	14901306	97.62%	5.086%
4	7.356	7.289	7.477	BB	1400044	13521753	88.58%	4.615%
5	8.010	7.960	8.144	BB	1461744	15174302	99.41%	5.179%
6	8.206	8.144	8.271	BV	877931	9031094	59.16%	3.082%
7	8.306	8.271	8.425	VB	1434092	14902082	97.62%	5.086%
8	9.085	9.019	9.234	BB	1398721	14990417	98.20%	5.116%
9	10.472	10.374	10.514	BV	1291889	14561159	95.39%	4.970%
10	10.548	10.514	10.722	VB	1219536	14369869	94.14%	4.905%
11	11.242	11.192	11.335	BB	1319058	14903579	97.63%	5.087%
12	12.278	12.232	12.432	VV	1208983	14577451	95.50%	4.976%
13	12.571	12.515	12.610	BV	1180482	14514202	95.08%	4.954%
14	14.441	14.377	14.458	BV	983584	13838427	90.66%	4.723%
15	14.487	14.458	14.657	VV	1134752	14067276	92.16%	4.801%
16	15.992	15.930	16.005	BV	877521	13742882	90.03%	4.691%
17	16.030	16.005	16.152	VB	1064780	13818927	90.53%	4.717%
18	16.370	16.299	16.452	BV	929001	13061093	85.56%	4.458%
19	17.738	17.690	17.750	BV	775881	12478937	81.75%	4.259%
20	17.776	17.750	17.940	VV	865574	13100134	85.82%	4.471%
21	17.995	17.940	18.174	VV	799393	13295971	87.10%	4.538%
Sum of corrected areas:						292984644		

Aromatic EPH 021125.M Tue Feb 11 00:32:56 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
 Data File : FD049073.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 13:58
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 10 15:32:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 10 15:28:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.352	6832671	49.548 ug/ml
Spiked Amount 50.000		Recovery =	99.10%
6) S 2-Fluorobiphenyl (SURR)	8.201	4519240	50.269 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.54%
11) S ortho-Terphenyl (SURR)	11.236	7609409	49.605 ug/ml
Spiked Amount 50.000		Recovery =	99.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	7483064	49.395 ug/ml
2) T Naphthalene (C11.7)	5.693	7711753	49.870 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	7516774	49.613 ug/ml
5) T Acenaphthylene (C15.06)	8.005	7704821	49.636 ug/ml
7) T Acenaphthene (C15.5)	8.300	7602127	49.425 ug/ml
8) T Fluorene (C16.55)	9.078	7593219	49.722 ug/ml
9) T Phenanthrene (C19.36)	10.465	7379729	49.990 ug/ml
10) T Anthracene (C19.43)	10.541	7344304	49.955 ug/ml
12) T Fluoranthene (C21.85)	12.270	7455312	49.876 ug/ml
13) T Pyrene (C20.8)	12.562	7417138	50.088 ug/ml
14) T Benzo[a]anthracene (C...	14.434	6964194	50.597 ug/ml
15) T Chrysene (C27.41)	14.475	7274381	49.429 ug/ml
16) T benzo[b]fluoranthene ...	15.983	6978240	50.160 ug/ml
17) T Bnezo[k]fluoranthene ...	16.015	7115728	49.346 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.357	6633881	50.057 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.724	5940391	50.812 ug/ml
20) T Dibenz[a,h]anthracene...	17.760	7026106	49.374 ug/ml
21) T Benzo[g,h,i]perylene ...	17.977	6832759	49.851 ug/ml

(f)=RT Delta > 1/2 Window

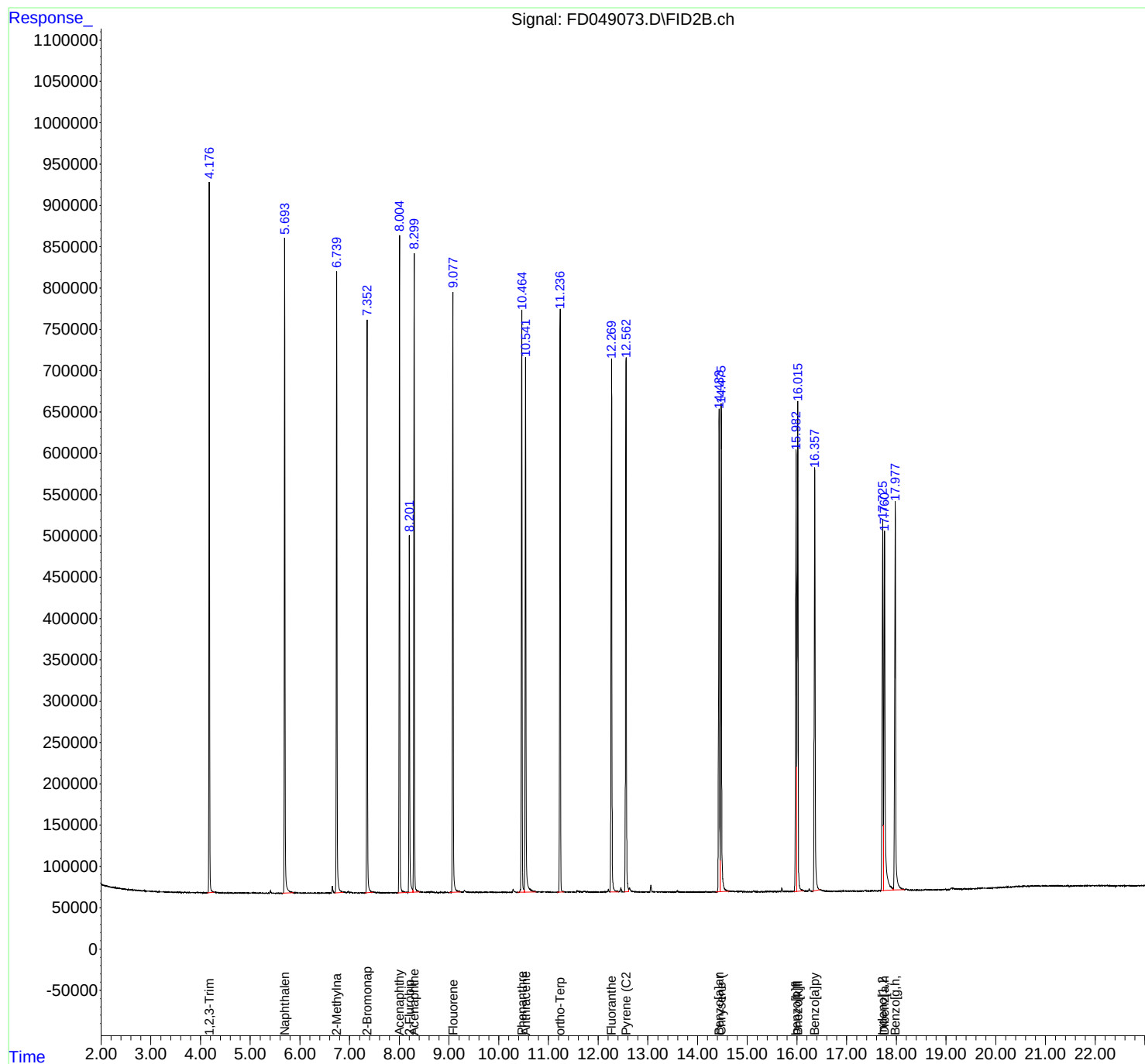
(m)=manual int.

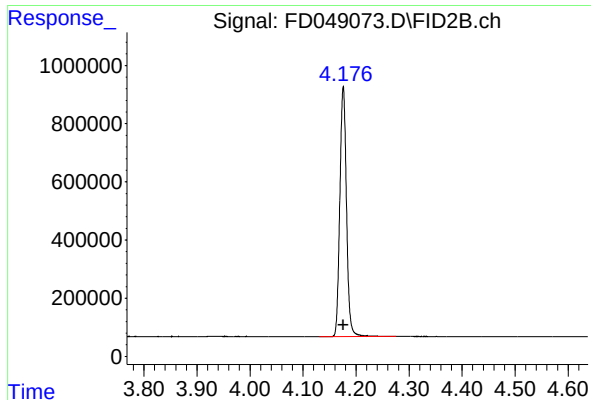
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
Data File : FD049073.D
Signal(s) : FID2B.ch
Acq On : 10 Feb 2025 13:58
Operator : YP/AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Feb 10 15:32:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Mon Feb 10 15:28:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

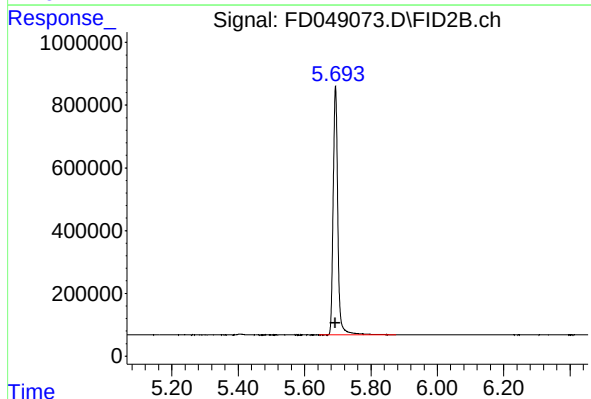




#1 1,2,3-Trimethylbenzene (C10.1)

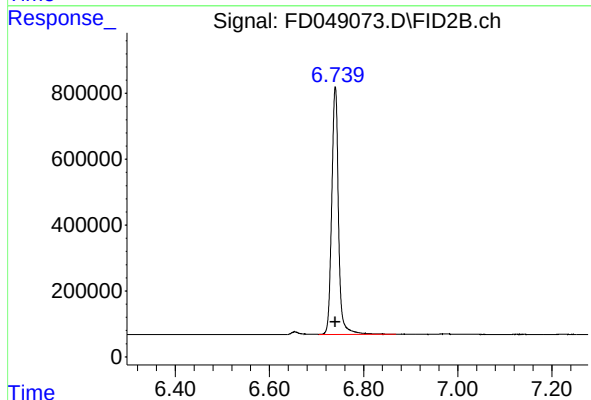
R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 7483064
Conc: 49.40 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



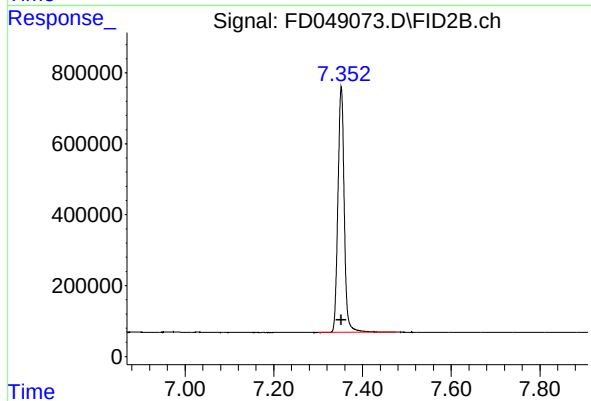
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 7711753
Conc: 49.87 ug/ml



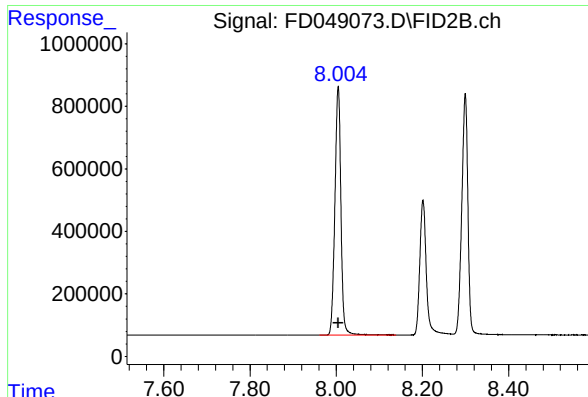
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 7516774
Conc: 49.61 ug/ml



#4 2-Bromonaphthalene (SURR)

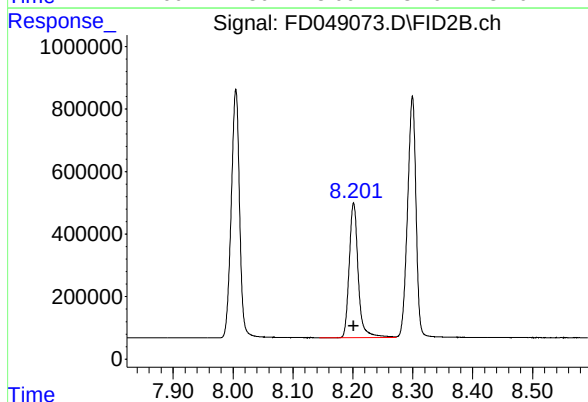
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 6832671
Conc: 49.55 ug/ml



#5 Acenaphthylene (C15.06)

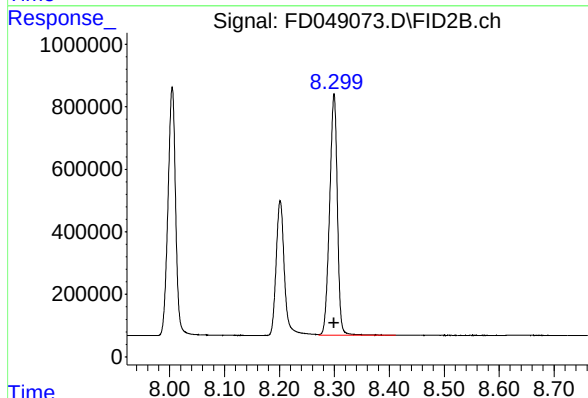
R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 7704821
Conc: 49.64 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



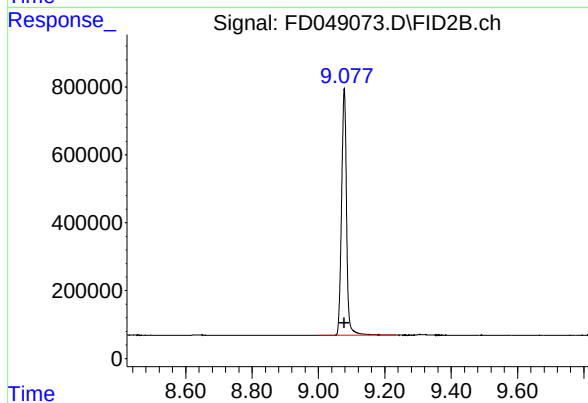
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 4519240
Conc: 50.27 ug/ml



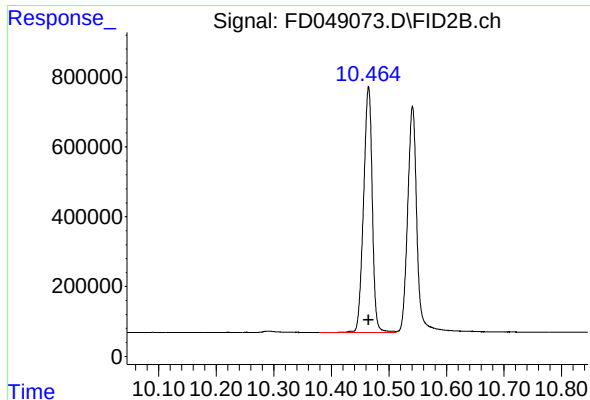
#7 Acenaphthene (C15.5)

R.T.: 8.300 min
Delta R.T.: 0.000 min
Response: 7602127
Conc: 49.42 ug/ml



#8 Fluorene (C16.55)

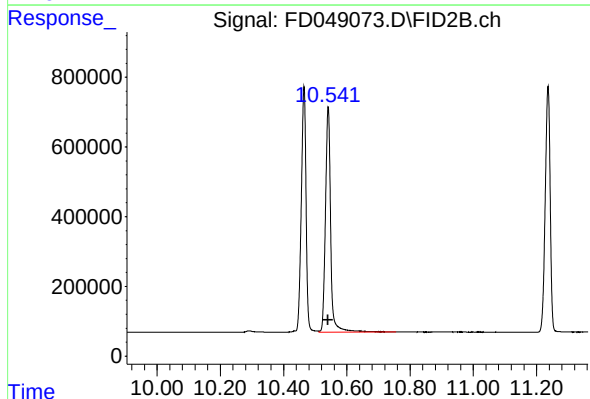
R.T.: 9.078 min
Delta R.T.: 0.000 min
Response: 7593219
Conc: 49.72 ug/ml



#9 Phenanthrene (C19.36)

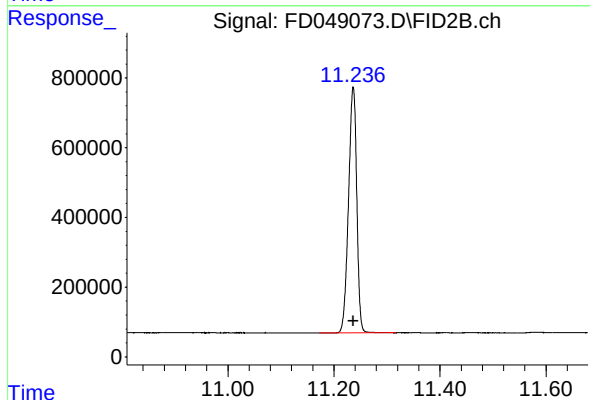
R.T.: 10.465 min
Delta R.T.: 0.000 min
Response: 7379729
Conc: 49.99 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



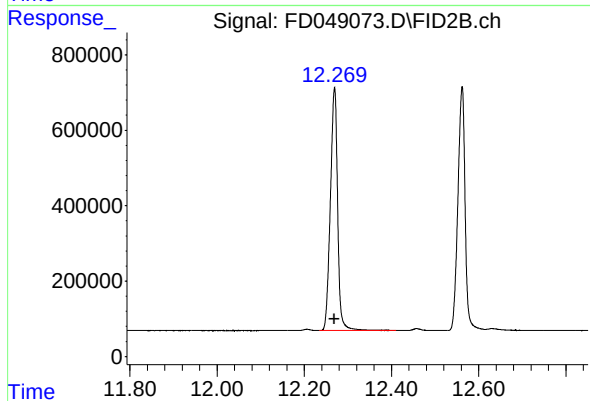
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: 0.000 min
Response: 7344304
Conc: 49.96 ug/ml



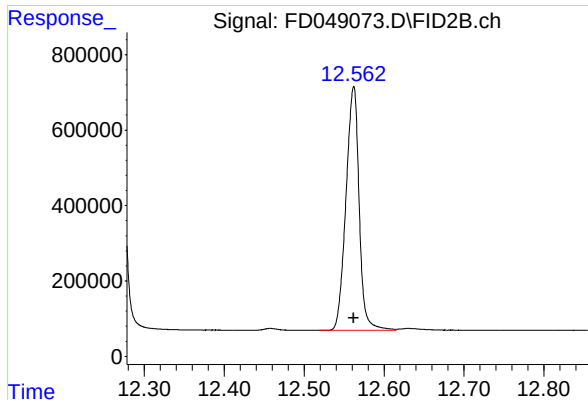
#11 ortho-Terphenyl (SURR)

R.T.: 11.236 min
Delta R.T.: 0.000 min
Response: 7609409
Conc: 49.60 ug/ml



#12 Fluoranthene (C21.85)

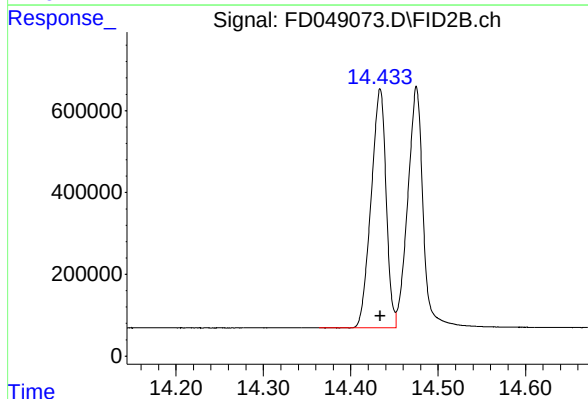
R.T.: 12.270 min
Delta R.T.: 0.000 min
Response: 7455312
Conc: 49.88 ug/ml



#13 Pyrene (C20.8)

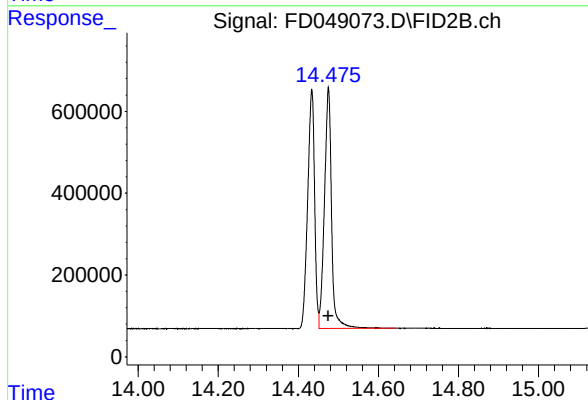
R.T.: 12.562 min
Delta R.T.: 0.000 min
Response: 7417138
Conc: 50.09 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



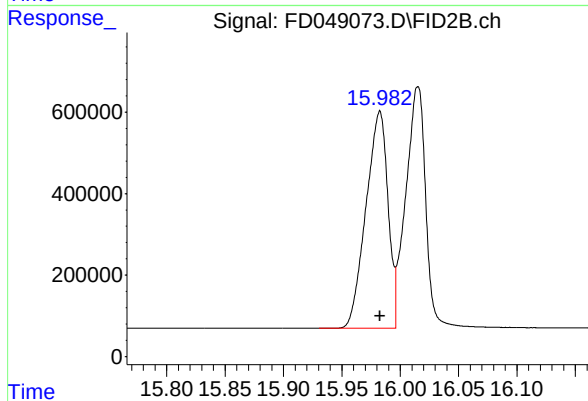
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.434 min
Delta R.T.: 0.000 min
Response: 6964194
Conc: 50.60 ug/ml



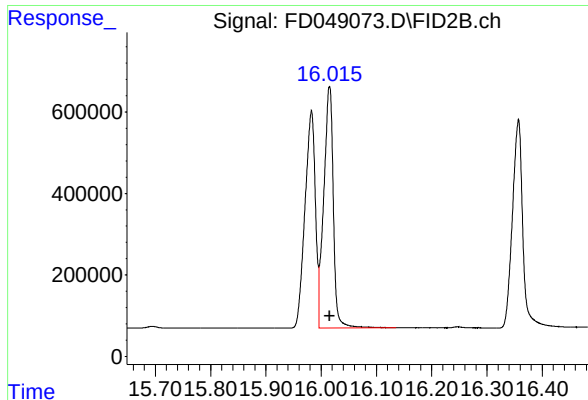
#15 Chrysene (C27.41)

R.T.: 14.475 min
Delta R.T.: 0.000 min
Response: 7274381
Conc: 49.43 ug/ml



#16 benzo[b]fluoranthene (C30.41)

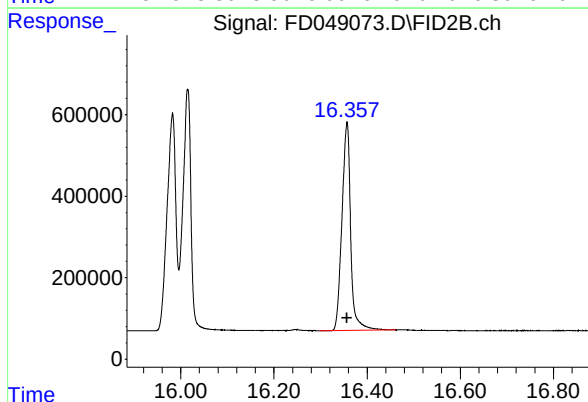
R.T.: 15.983 min
Delta R.T.: 0.000 min
Response: 6978240
Conc: 50.16 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

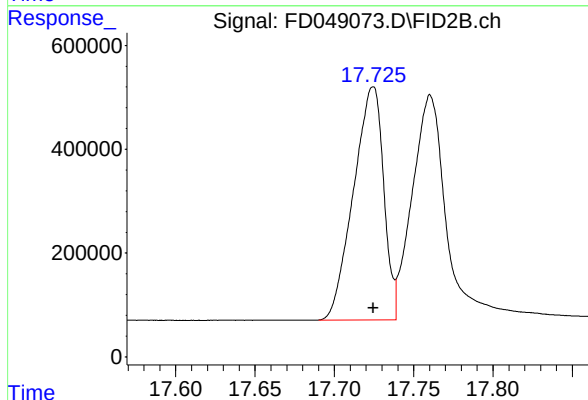
R.T.: 16.015 min
Delta R.T.: 0.000 min
Response: 7115728
Conc: 49.35 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



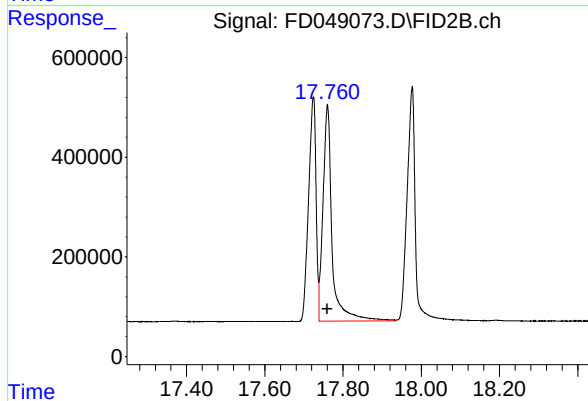
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.357 min
Delta R.T.: 0.000 min
Response: 6633881
Conc: 50.06 ug/ml



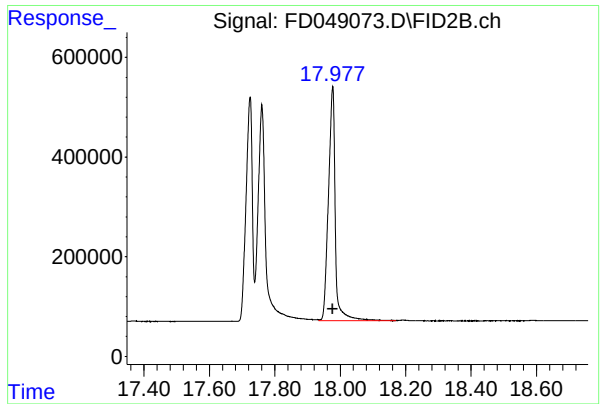
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.724 min
Delta R.T.: 0.000 min
Response: 5940391
Conc: 50.81 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.760 min
Delta R.T.: 0.000 min
Response: 7026106
Conc: 49.37 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.977 min
Delta R.T.: 0.000 min
Response: 6832759
Conc: 49.85 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
Data File : FD049073.D
Signal(s) : FID2B.ch
Acq On : 10 Feb 2025 13:58
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.176	4.130	4.275	BB	856930	7483064	97.03%	5.024%
2	5.693	5.644	5.875	BB	793670	7711753	100.00%	5.178%
3	6.740	6.705	6.869	VV	752280	7516774	97.47%	5.047%
4	7.352	7.302	7.475	BB	692518	6832671	88.60%	4.588%
5	8.005	7.960	8.139	BB	796415	7704821	99.91%	5.173%
6	8.201	8.144	8.272	BV	430213	4519240	58.60%	3.034%
7	8.300	8.272	8.412	VB	773593	7602127	98.58%	5.104%
8	9.078	9.002	9.234	BB	724789	7593219	98.46%	5.098%
9	10.465	10.379	10.512	BV	704297	7379729	95.69%	4.955%
10	10.541	10.512	10.755	VB	647346	7344304	95.24%	4.931%
11	11.236	11.172	11.317	BB	704623	7609409	98.67%	5.109%
12	12.270	12.234	12.410	PV	646673	7455312	96.67%	5.006%
13	12.562	12.519	12.615	BV	647073	7417138	96.18%	4.980%
14	14.434	14.364	14.452	BV	584665	6964194	90.31%	4.676%
15	14.475	14.452	14.644	VB	589498	7274381	94.33%	4.884%
16	15.983	15.930	15.996	BV	532011	6978240	90.49%	4.685%
17	16.015	15.996	16.135	VB	592968	7115728	92.27%	4.778%
18	16.357	16.297	16.462	BV	511495	6633881	86.02%	4.454%
19	17.724	17.690	17.739	BV	449892	5940391	77.03%	3.989%
20	17.760	17.739	17.935	VV	434204	7026106	91.11%	4.718%
21	17.977	17.935	18.170	VV	469618	6832759	88.60%	4.588%
Sum of corrected areas:						148935240		

Aromatic EPH 021125.M Tue Feb 11 00:33:22 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
 Data File : FD049074.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 14:35
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Feb 10 15:28:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 10 15:28:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.351	2836644	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.202	1780140	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.233	3179603	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	3122576	20.000 ug/ml
2) T Naphthalene (C11.7)	5.693	3140580	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	3103501	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3196723	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.296	3207497	20.000 ug/ml
8) T Fluorene (C16.55)	9.076	3127465	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.463	2993262	20.000 ug/ml
10) T Anthracene (C19.43)	10.540	3009407	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.267	3071055	20.000 ug/ml
13) T Pyrene (C20.8)	12.558	3015302	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.429	2705035	20.000 ug/ml
15) T Chrysene (C27.41)	14.469	3106970	20.000 ug/ml
16) T benzo[b]fluoranthene ...	15.976	2807258	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.006	3041925	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.354	2685830	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.718	2142662	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.759	3107681	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	17.966	2831461	20.000 ug/ml

(f)=RT Delta > 1/2 Window

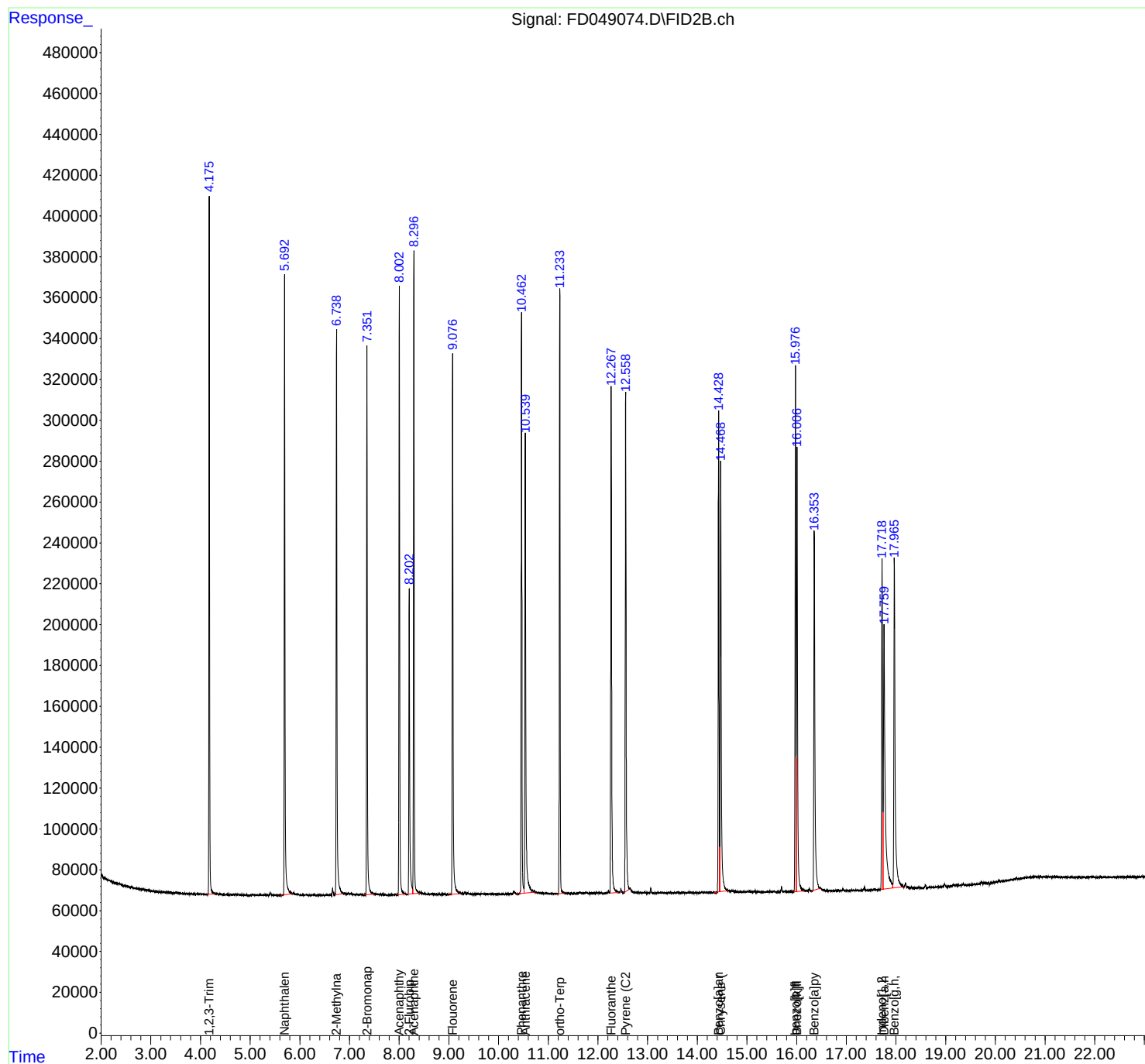
(m)=manual int.

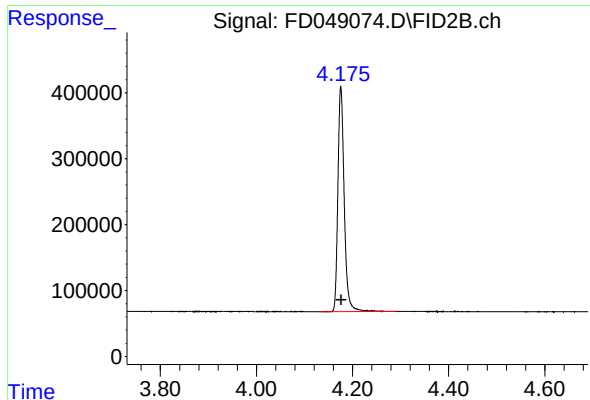
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
Data File : FD049074.D
Signal(s) : FID2B.ch
Acq On : 10 Feb 2025 14:35
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: autoint1.e
Quant Time: Feb 10 15:28:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Mon Feb 10 15:28:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

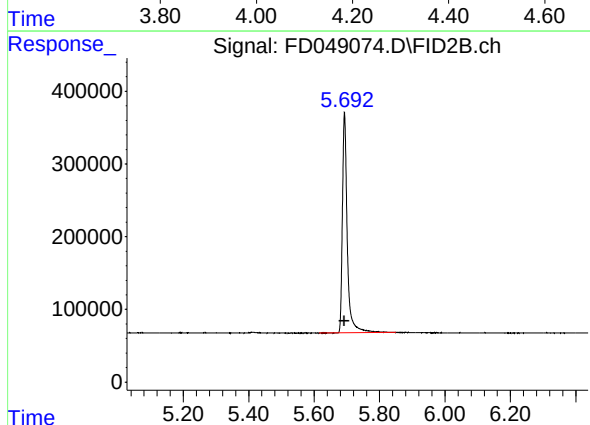




#1 1,2,3-Trimethylbenzene (C10.1)

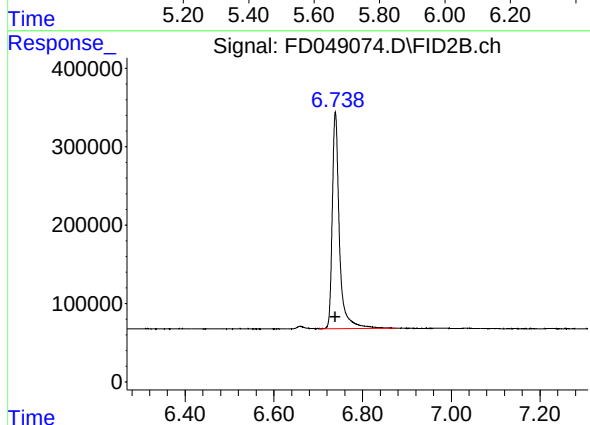
R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 3122576
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



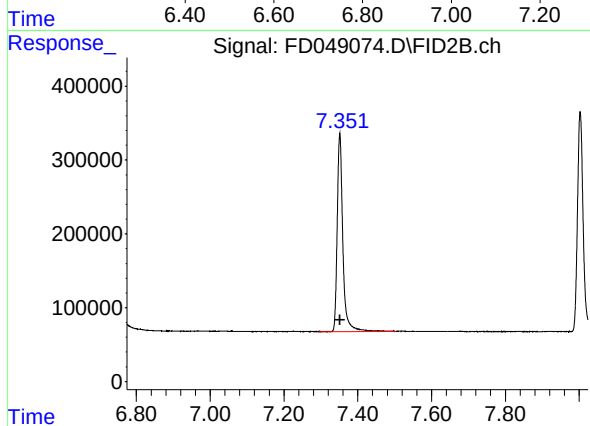
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 3140580
Conc: 20.00 ug/ml



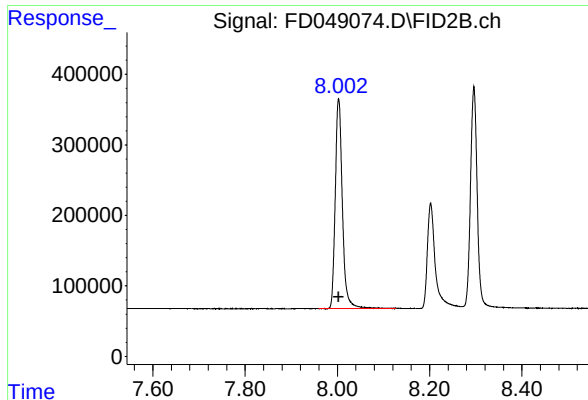
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 3103501
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

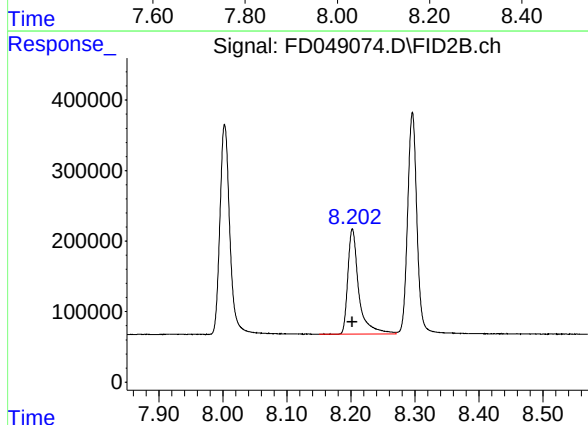
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 2836644
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

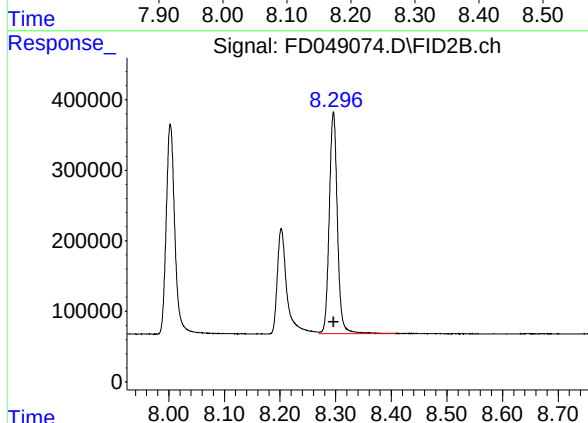
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 3196723
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



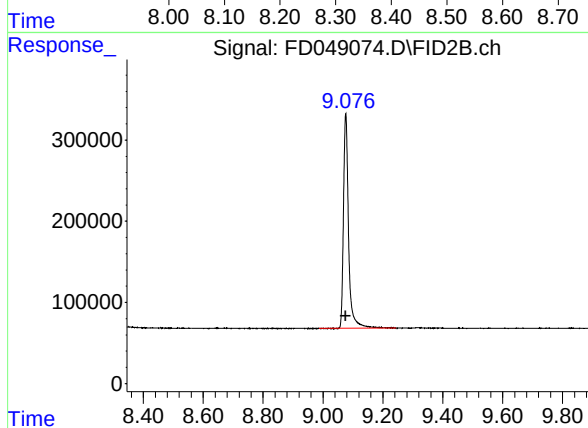
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 1780140
Conc: 20.00 ug/ml



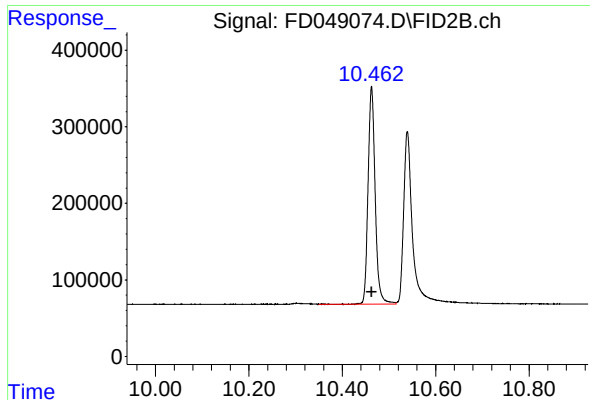
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 3207497
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

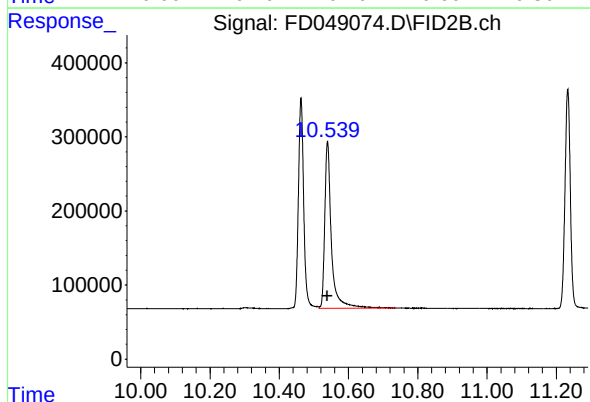
R.T.: 9.076 min
Delta R.T.: 0.000 min
Response: 3127465
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

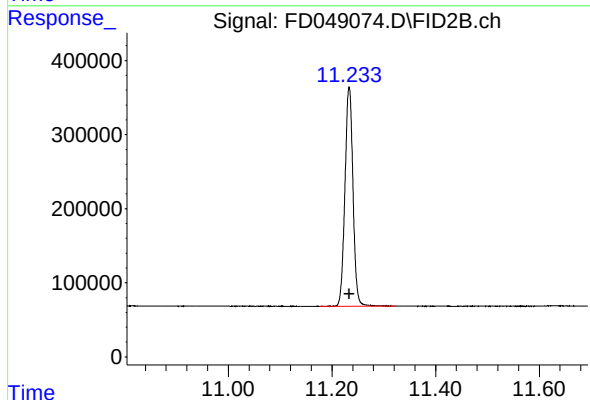
R.T.: 10.463 min
Delta R.T.: 0.000 min
Response: 2993262
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



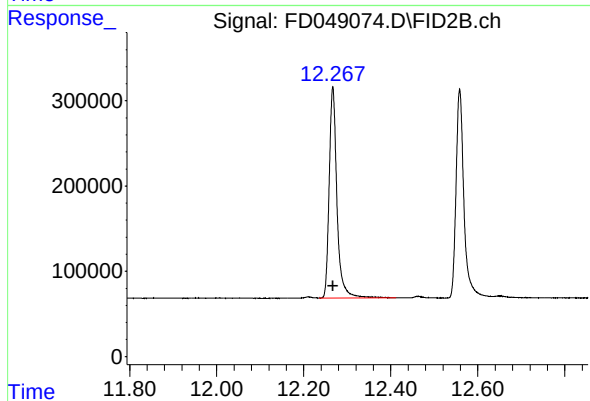
#10 Anthracene (C19.43)

R.T.: 10.540 min
Delta R.T.: 0.000 min
Response: 3009407
Conc: 20.00 ug/ml



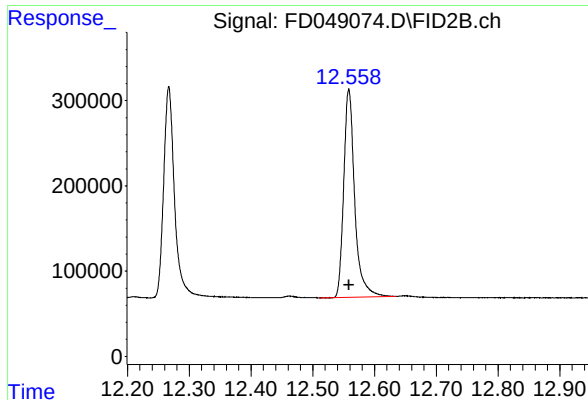
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: 0.000 min
Response: 3179603
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

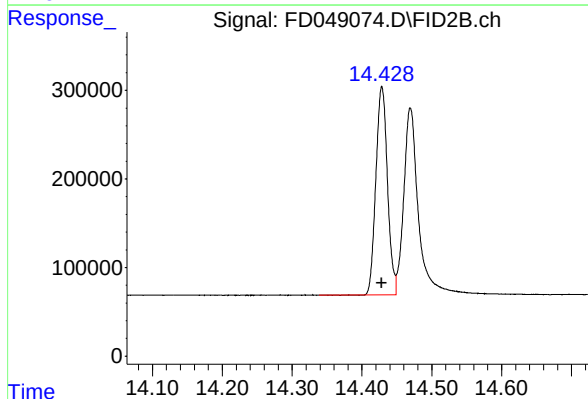
R.T.: 12.267 min
Delta R.T.: 0.000 min
Response: 3071055
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

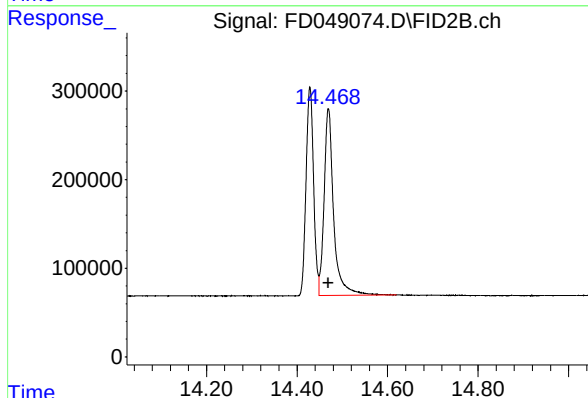
R.T.: 12.558 min
Delta R.T.: 0.000 min
Response: 3015302
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



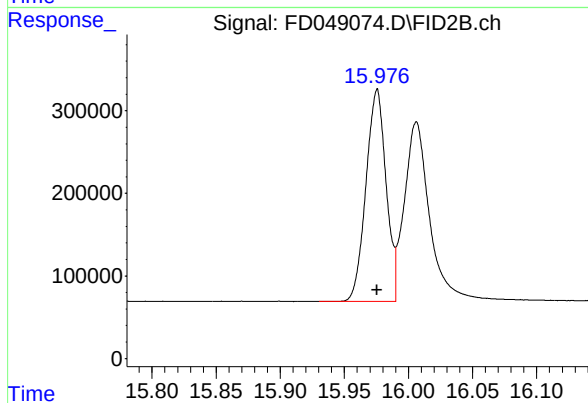
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.429 min
Delta R.T.: 0.000 min
Response: 2705035
Conc: 20.00 ug/ml



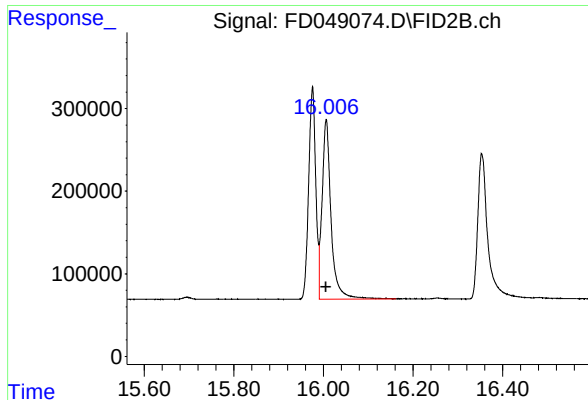
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: 0.000 min
Response: 3106970
Conc: 20.00 ug/ml



#16 benzo[b]fluoranthene (C30.41)

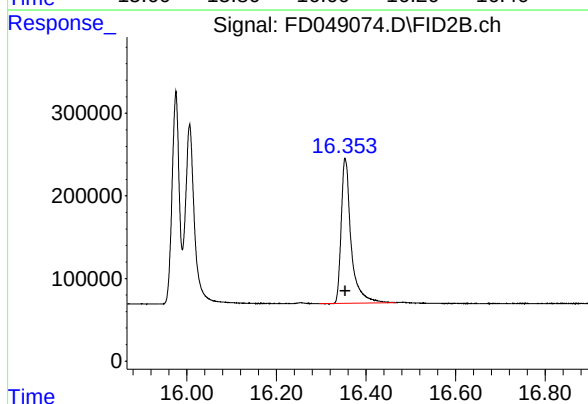
R.T.: 15.976 min
Delta R.T.: 0.000 min
Response: 2807258
Conc: 20.00 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

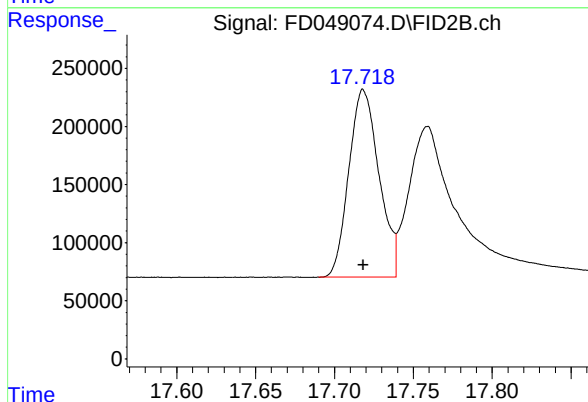
R.T.: 16.006 min
Delta R.T.: 0.000 min
Response: 3041925
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



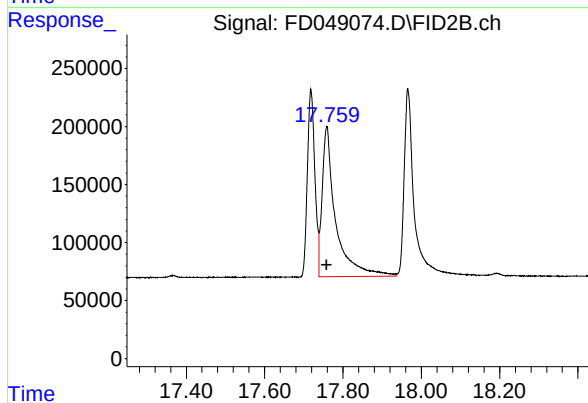
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.354 min
Delta R.T.: 0.000 min
Response: 2685830
Conc: 20.00 ug/ml



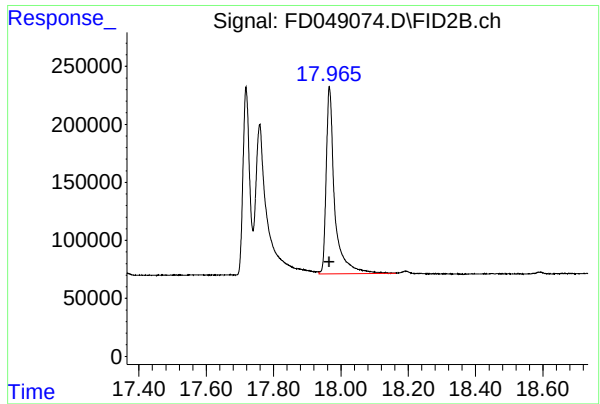
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.718 min
Delta R.T.: 0.000 min
Response: 2142662
Conc: 20.00 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.759 min
Delta R.T.: 0.000 min
Response: 3107681
Conc: 20.00 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.966 min
Delta R.T.: 0.000 min
Response: 2831461
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
Data File : FD049074.D
Signal(s) : FID2B.ch
Acq On : 10 Feb 2025 14:35
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.176	4.130	4.290	BB	341507	3122576	97.35%	5.101%
2	5.693	5.615	5.850	BB	302052	3140580	97.91%	5.131%
3	6.739	6.702	6.875	PV	276834	3103501	96.76%	5.070%
4	7.351	7.295	7.504	BB	268948	2836644	88.44%	4.634%
5	8.003	7.960	8.127	BB	296889	3196723	99.66%	5.222%
6	8.202	8.150	8.270	BV	149509	1780140	55.50%	2.908%
7	8.296	8.270	8.409	VB	315086	3207497	100.00%	5.240%
8	9.076	8.987	9.244	BB	264582	3127465	97.50%	5.109%
9	10.463	10.350	10.515	BV	283529	2993262	93.32%	4.890%
10	10.540	10.515	10.737	VB	225555	3009407	93.82%	4.916%
11	11.233	11.175	11.324	BB	295969	3179603	99.13%	5.194%
12	12.267	12.235	12.412	PB	247743	3071055	95.75%	5.017%
13	12.558	12.510	12.635	PV	244074	3015302	94.01%	4.926%
14	14.429	14.339	14.449	BV	235372	2705035	84.33%	4.419%
15	14.469	14.449	14.619	VB	210710	3106970	96.87%	5.076%
16	15.976	15.930	15.990	BV	256347	2807258	87.52%	4.586%
17	16.006	15.990	16.162	VB	217937	3041925	94.84%	4.969%
18	16.354	16.295	16.467	BV	175364	2685830	83.74%	4.388%
19	17.718	17.690	17.739	BV	161338	2142662	66.80%	3.500%
20	17.759	17.739	17.935	VV	129645	3107681	96.89%	5.077%
21	17.966	17.935	18.164	VV	161614	2831461	88.28%	4.626%
Sum of corrected areas:							61212576	

Aromatic EPH 021125.M Tue Feb 11 00:33:40 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
 Data File : FD049075.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 15:12
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Feb 10 15:56:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 10 15:56:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.353	1471043	10.492 ug/ml
Spiked Amount 50.000		Recovery =	20.98%
6) S 2-Fluorobiphenyl (SURR)	8.207	875829	9.805 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.61%
11) S ortho-Terphenyl (SURR)	11.234	1694149	10.763 ug/ml
Spiked Amount 50.000		Recovery =	21.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.177	1656548	10.685 ug/ml
2) T Naphthalene (C11.7)	5.695	1661529	10.548 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	1621317	10.517 ug/ml
5) T Acenaphthylene (C15.06)	8.005	1694814	10.673 ug/ml
7) T Acenaphthene (C15.5)	8.297	1725833	10.888 ug/ml
8) T Fluorene (C16.55)	9.079	1621856	10.458 ug/ml
9) T Phenanthrene (C19.36)	10.465	1539045	10.316 ug/ml
10) T Anthracene (C19.43)	10.542	1567931	10.490 ug/ml
12) T Fluoranthene (C21.85)	12.271	1592182	10.481 ug/ml
13) T Pyrene (C20.8)	12.562	1566919	10.430 ug/ml
14) T Benzo[a]anthracene (C...	14.431	1271690	9.418 ug/ml
15) T Chrysene (C27.41)	14.471	1725375	11.239 ug/ml
16) T benzo[b]fluoranthene ...	15.977	1376748	9.922 ug/ml
17) T Bnezo[k]fluoranthene ...	16.009	1686985	11.222 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.362	1358701	10.188 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.728	1005197	8.910 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	1692264	11.355 ug/ml
21) T Benzo[g,h,i]perylene ...	17.973	1516030	10.775 ug/ml

(f)=RT Delta > 1/2 Window

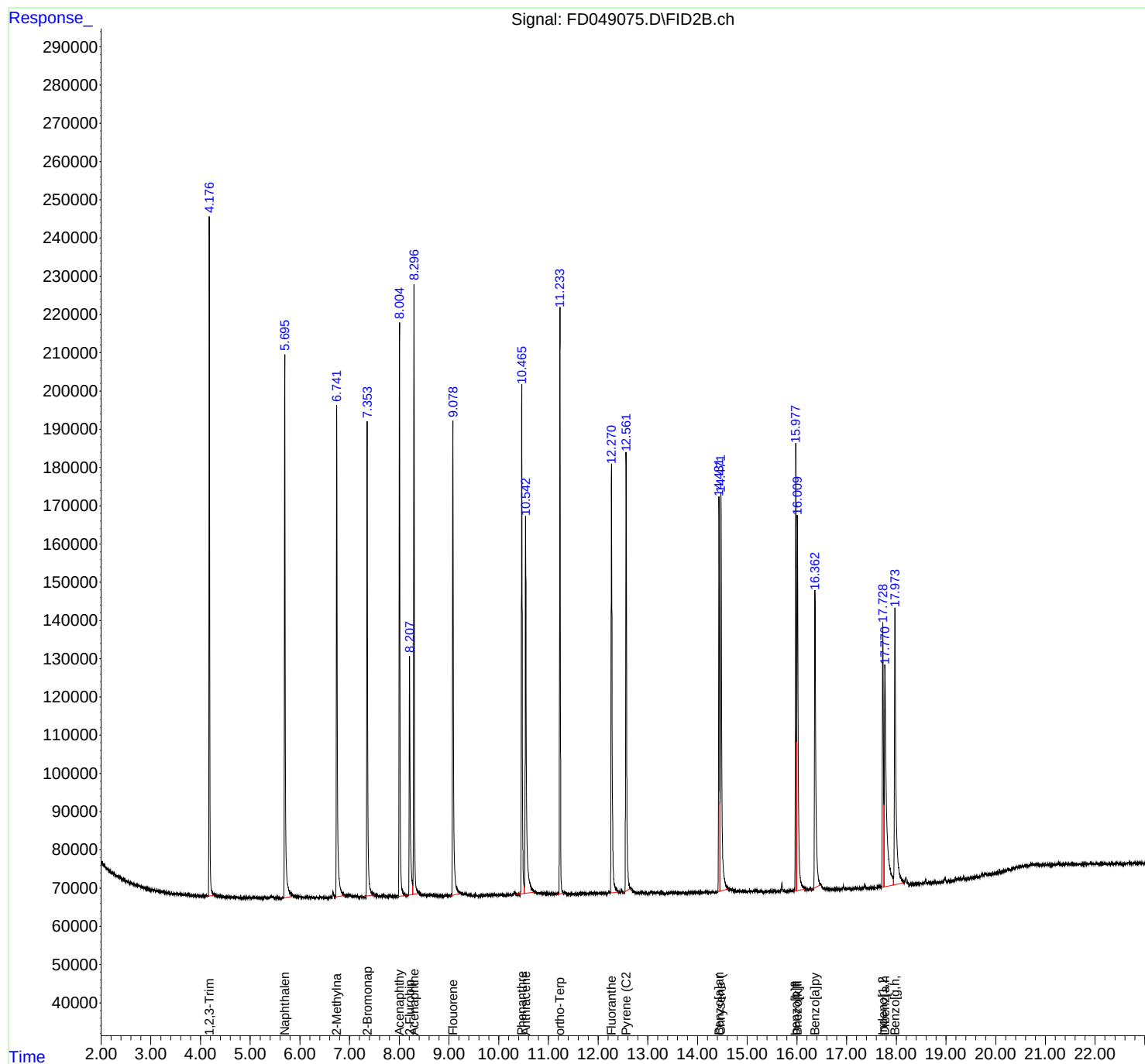
(m)=manual int.

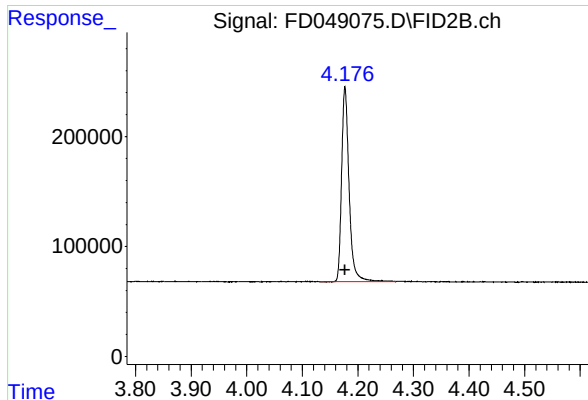
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
Data File : FD049075.D
Signal(s) : FID2B.ch
Acq On : 10 Feb 2025 15:12
Operator : YP/AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

Integration File: autoint1.e
Quant Time: Feb 10 15:56:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Mon Feb 10 15:56:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

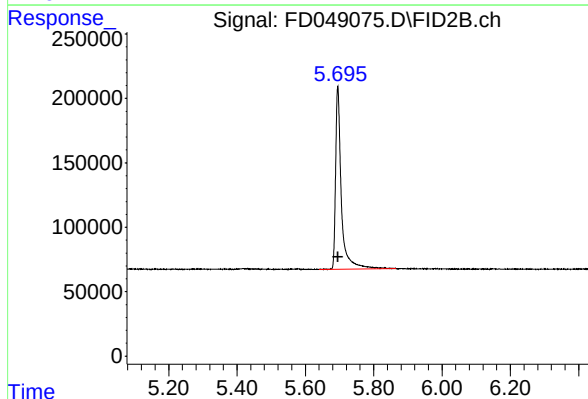




#1 1,2,3-Trimethylbenzene (C10.1)

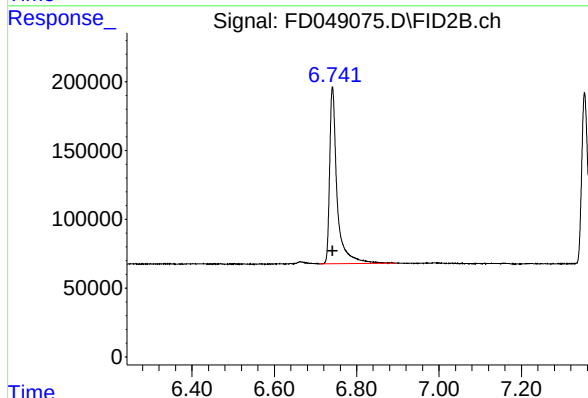
R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 1656548
Conc: 10.69 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



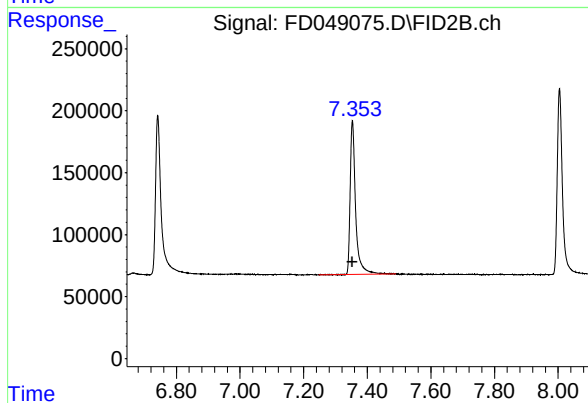
#2 Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 1661529
Conc: 10.55 ug/ml



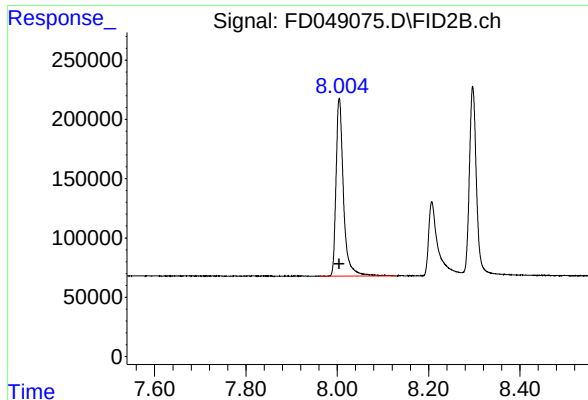
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 1621317
Conc: 10.52 ug/ml



#4 2-Bromonaphthalene (SURR)

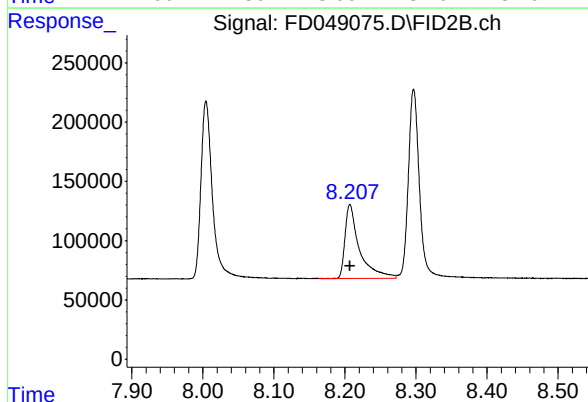
R.T.: 7.353 min
Delta R.T.: 0.000 min
Response: 1471043
Conc: 10.49 ug/ml



#5 Acenaphthylene (C15.06)

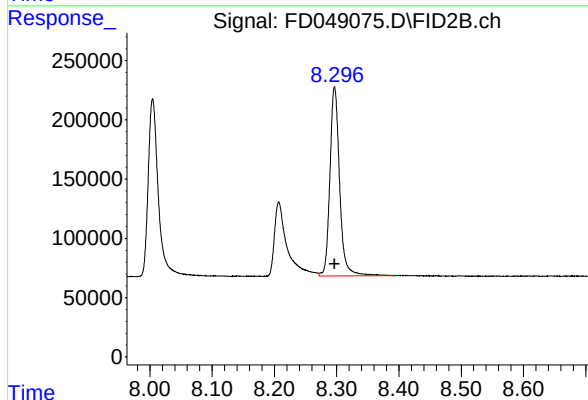
R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 1694814
Conc: 10.67 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



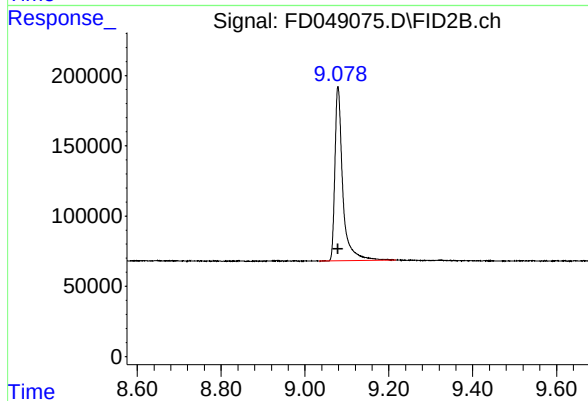
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.207 min
Delta R.T.: 0.000 min
Response: 875829
Conc: 9.81 ug/ml



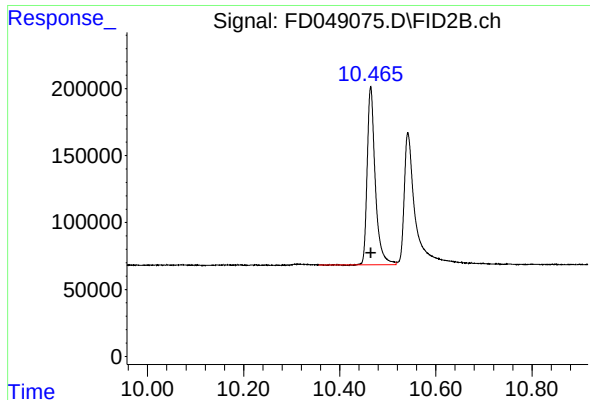
#7 Acenaphthene (C15.5)

R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 1725833
Conc: 10.89 ug/ml



#8 Flouorene (C16.55)

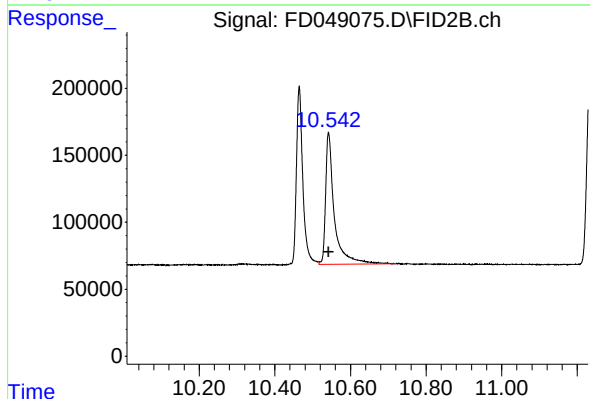
R.T.: 9.079 min
Delta R.T.: 0.000 min
Response: 1621856
Conc: 10.46 ug/ml



#9 Phenanthrene (C19.36)

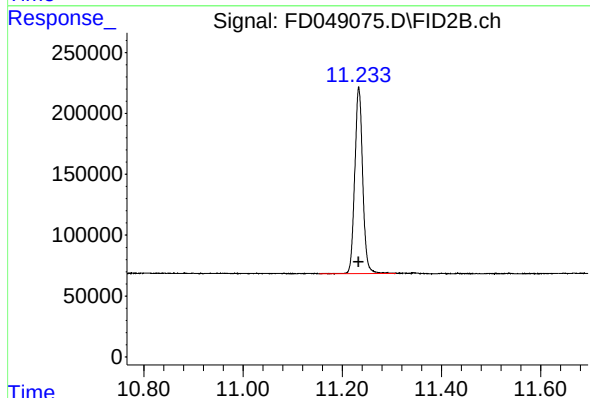
R.T.: 10.465 min
Delta R.T.: 0.000 min
Response: 1539045
Conc: 10.32 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



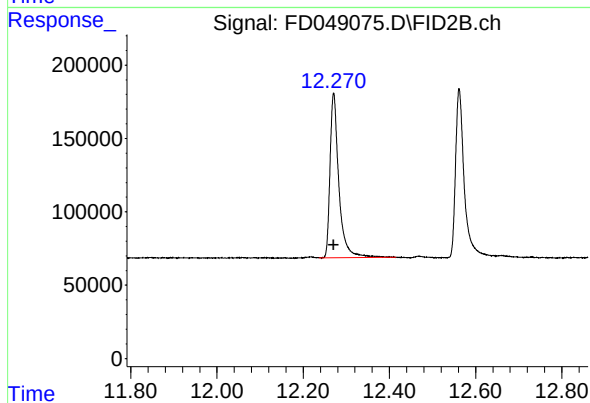
#10 Anthracene (C19.43)

R.T.: 10.542 min
Delta R.T.: 0.000 min
Response: 1567931
Conc: 10.49 ug/ml



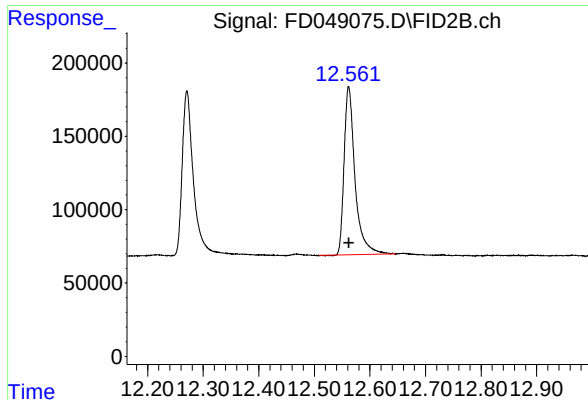
#11 ortho-Terphenyl (SURRE)

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 1694149
Conc: 10.76 ug/ml



#12 Fluoranthene (C21.85)

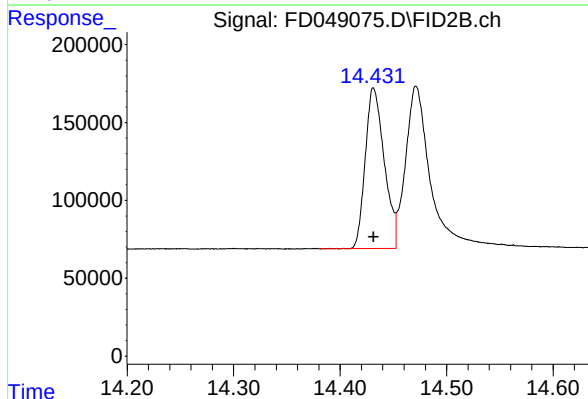
R.T.: 12.271 min
Delta R.T.: 0.000 min
Response: 1592182
Conc: 10.48 ug/ml



#13 Pyrene (C20.8)

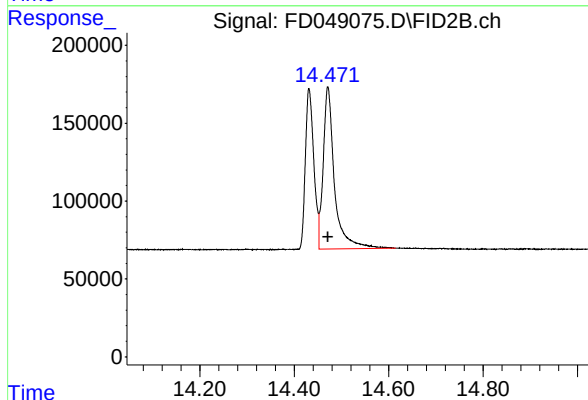
R.T.: 12.562 min
Delta R.T.: 0.000 min
Response: 1566919
Conc: 10.43 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



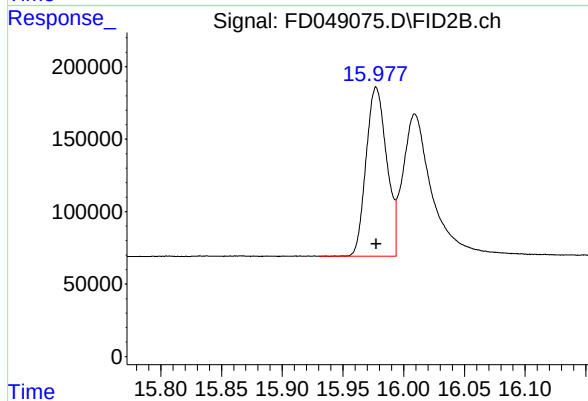
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.431 min
Delta R.T.: 0.000 min
Response: 1271690
Conc: 9.42 ug/ml



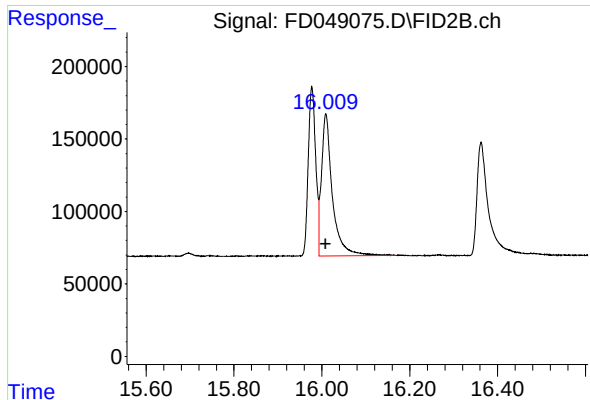
#15 Chrysene (C27.41)

R.T.: 14.471 min
Delta R.T.: 0.000 min
Response: 1725375
Conc: 11.24 ug/ml



#16 benzo[b]fluoranthene (C30.41)

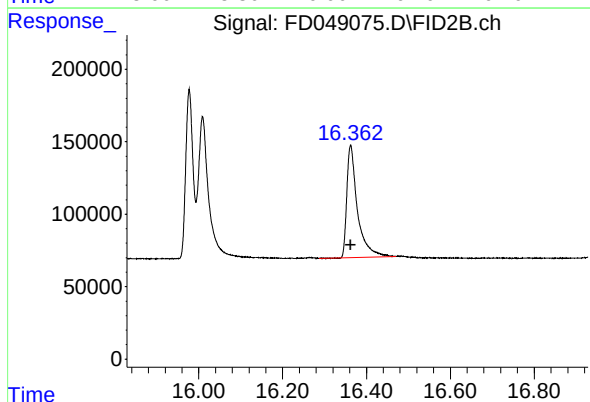
R.T.: 15.977 min
Delta R.T.: 0.000 min
Response: 1376748
Conc: 9.92 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

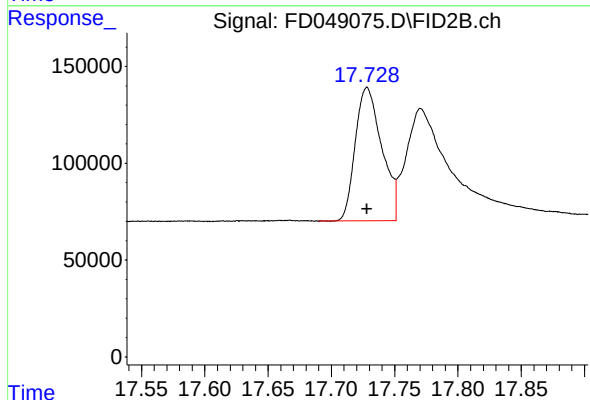
R.T.: 16.009 min
Delta R.T.: 0.000 min
Response: 1686985
Conc: 11.22 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



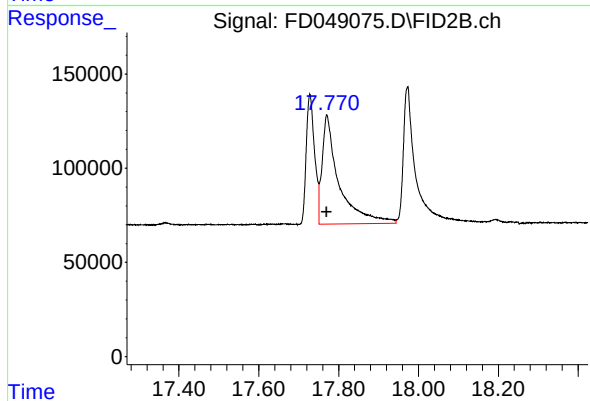
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.362 min
Delta R.T.: 0.000 min
Response: 1358701
Conc: 10.19 ug/ml



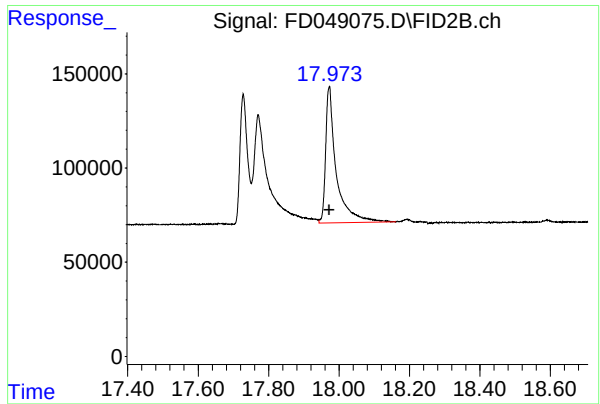
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.728 min
Delta R.T.: 0.000 min
Response: 1005197
Conc: 8.91 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.771 min
Delta R.T.: 0.000 min
Response: 1692264
Conc: 11.35 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.973 min
Delta R.T.: 0.000 min
Response: 1516030
Conc: 10.78 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
Data File : FD049075.D
Signal(s) : FID2B.ch
Acq On : 10 Feb 2025 15:12
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.177	4.130	4.269	BV	177205	1656548	95.99%	5.189%
2	5.695	5.640	5.865	BB	141933	1661529	96.27%	5.205%
3	6.741	6.709	6.895	BB	128539	1621317	93.94%	5.079%
4	7.353	7.249	7.490	BB	124068	1471043	85.24%	4.608%
5	8.005	7.960	8.129	BB	150103	1694814	98.20%	5.309%
6	8.207	8.164	8.272	BV	62427	875829	50.75%	2.744%
7	8.297	8.272	8.395	VB	159429	1725833	100.00%	5.406%
8	9.079	9.034	9.217	BB	124112	1621856	93.98%	5.081%
9	10.465	10.357	10.517	BV	133260	1539045	89.18%	4.821%
10	10.542	10.517	10.720	VB	98455	1567931	90.85%	4.912%
11	11.234	11.154	11.309	BB	153221	1694149	98.16%	5.307%
12	12.271	12.237	12.415	BB	112182	1592182	92.26%	4.988%
13	12.562	12.509	12.647	BV	114740	1566919	90.79%	4.909%
14	14.431	14.380	14.452	BV	102861	1271690	73.69%	3.984%
15	14.471	14.452	14.615	VB	104040	1725375	99.97%	5.405%
16	15.977	15.930	15.994	BV	116644	1376748	79.77%	4.313%
17	16.009	15.994	16.169	VB	98055	1686985	97.75%	5.285%
18	16.362	16.287	16.470	BV	77646	1358701	78.73%	4.256%
19	17.728	17.690	17.751	BV	69162	1005197	58.24%	3.149%
20	17.771	17.751	17.944	VV	57989	1692264	98.05%	5.301%
21	17.973	17.944	18.162	VV	72731	1516030	87.84%	4.749%
Sum of corrected areas:						31921984		

Aromatic EPH 021125.M Tue Feb 11 00:33:53 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
 Data File : FD049076.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 15:48
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Feb 10 16:26:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 10 16:26:18 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.358	773691	5.406 ug/ml
Spiked Amount 50.000		Recovery =	10.81%
6) S 2-Fluorobiphenyl (SURR)	8.218	411369	4.679 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.36%
11) S ortho-Terphenyl (SURR)	11.234	896262	5.540 ug/ml
Spiked Amount 50.000		Recovery =	11.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.178	880662	5.530 ug/ml
2) T Naphthalene (C11.7)	5.699	819370	5.160 ug/ml
3) T 2-Methylnaphthalene (...)	6.746	809055	5.196 ug/ml
5) T Acenaphthylene (C15.06)	8.007	889357	5.469 ug/ml
7) T Acenaphthene (C15.5)	8.298	942609	5.730 ug/ml
8) T Fluorene (C16.55)	9.085	839593	5.326 ug/ml
9) T Phenanthrene (C19.36)	10.472	783663	5.200 ug/ml
10) T Anthracene (C19.43)	10.552	786469	5.207 ug/ml
12) T Fluoranthene (C21.85)	12.279	819618	5.311 ug/ml
13) T Pyrene (C20.8)	12.567	846750	5.496 ug/ml
14) T Benzo[a]anthracene (C...	14.443	584303	4.447 ug/ml
15) T Chrysene (C27.41)	14.479	971932	6.011 ug/ml
16) T benzo[b]fluoranthene ...	15.986	664702	4.831 ug/ml
17) T Bnezo[k]fluoranthene ...	16.019	942068	5.965 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.376	726171	5.350 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	475672	4.353 ug/ml
20) T Dibenz[a,h]anthracene...	17.788	897828	5.787 ug/ml
21) T Benzo[g,h,i]perylene ...	17.982	809816	5.587 ug/ml

(f)=RT Delta > 1/2 Window

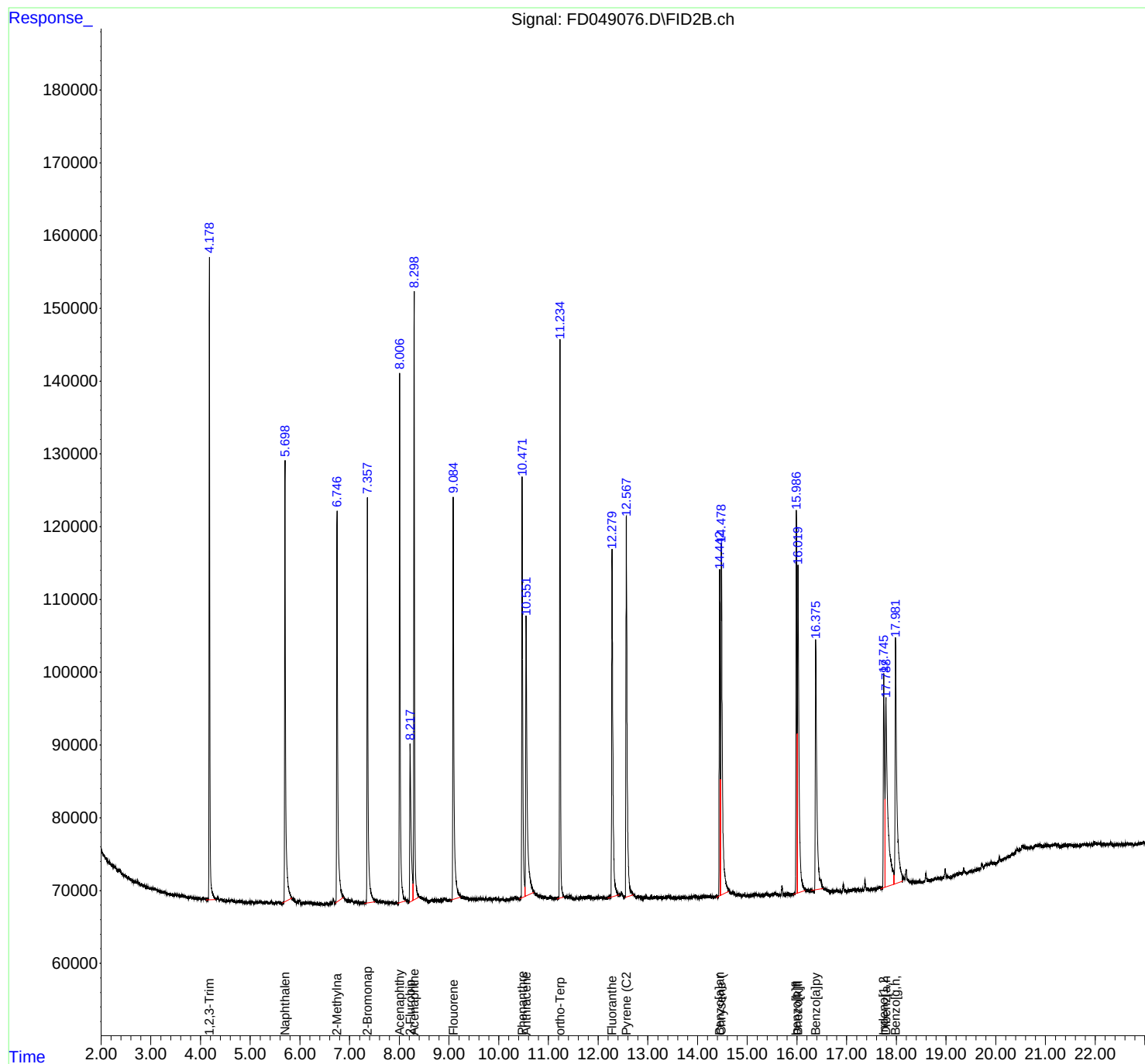
(m)=manual int.

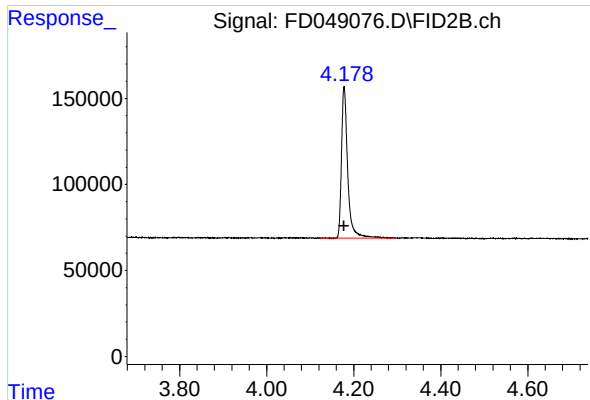
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
Data File : FD049076.D
Signal(s) : FID2B.ch
Acq On : 10 Feb 2025 15:48
Operator : YP/AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

Integration File: autoint1.e
Quant Time: Feb 10 16:26:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Mon Feb 10 16:26:18 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

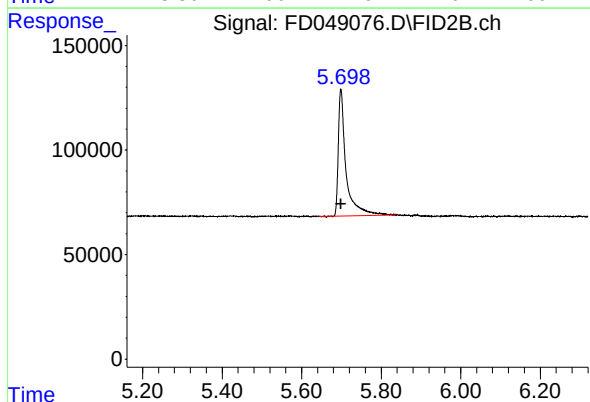




#1 1,2,3-Trimethylbenzene (C10.1)

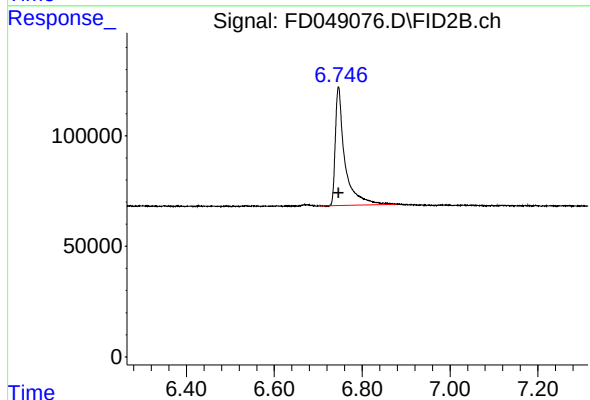
R.T.: 4.178 min
Delta R.T.: 0.000 min
Response: 880662
Conc: 5.53 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



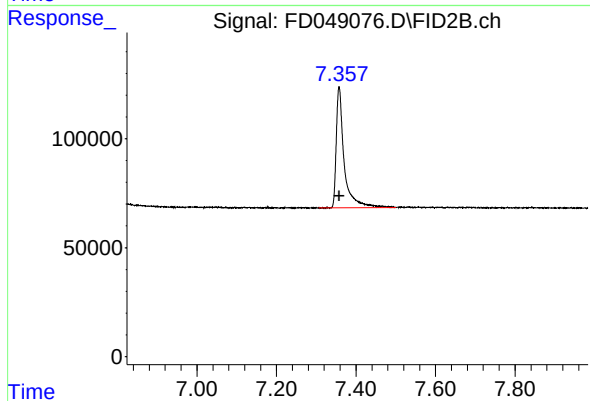
#2 Naphthalene (C11.7)

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 819370
Conc: 5.16 ug/ml



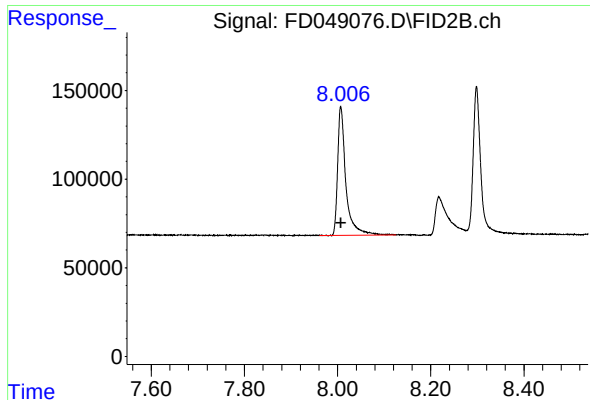
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 809055
Conc: 5.20 ug/ml



#4 2-Bromonaphthalene (SURR)

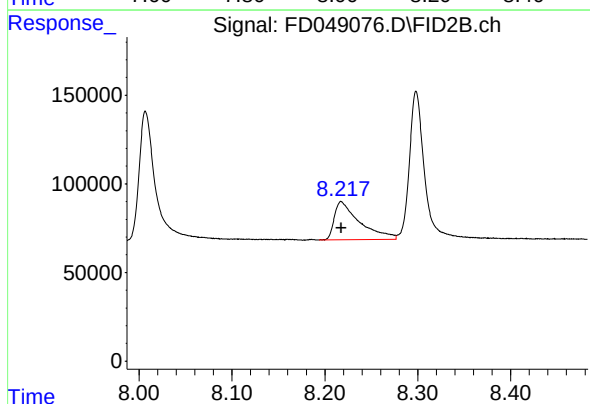
R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 773691
Conc: 5.41 ug/ml



#5 Acenaphthylene (C15.06)

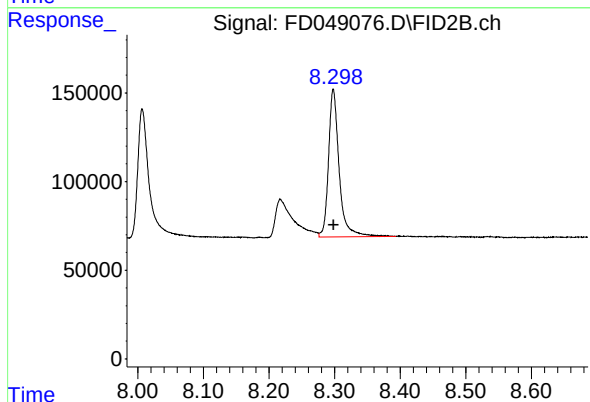
R.T.: 8.007 min
Delta R.T.: 0.000 min
Response: 889357
Conc: 5.47 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



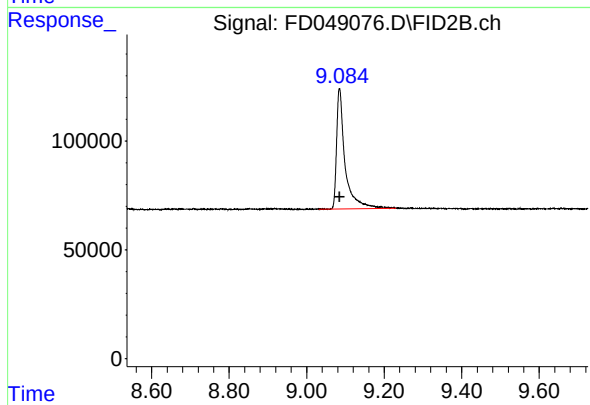
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 411369
Conc: 4.68 ug/ml



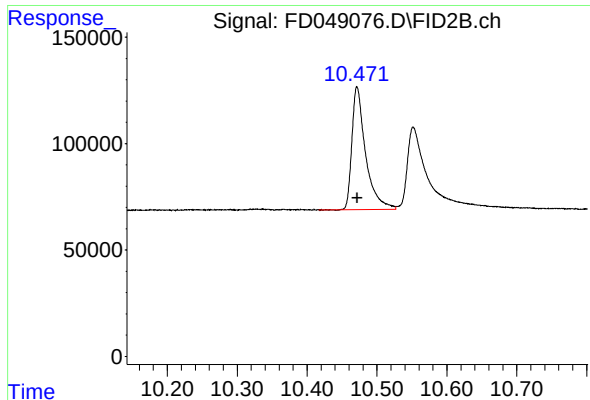
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: 0.000 min
Response: 942609
Conc: 5.73 ug/ml



#8 Fluorene (C16.55)

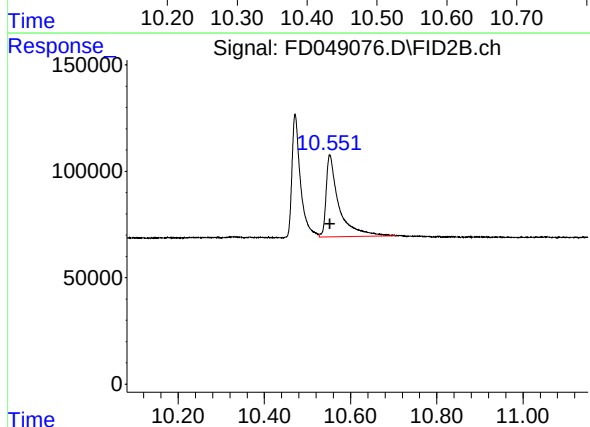
R.T.: 9.085 min
Delta R.T.: 0.000 min
Response: 839593
Conc: 5.33 ug/ml



#9 Phenanthrene (C19.36)

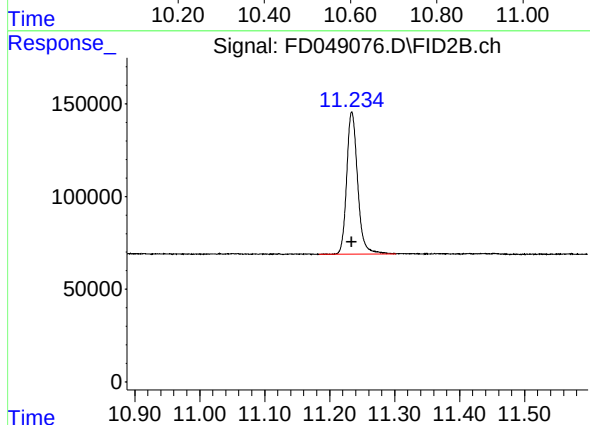
R.T.: 10.472 min
Delta R.T.: 0.000 min
Response: 783663
Conc: 5.20 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



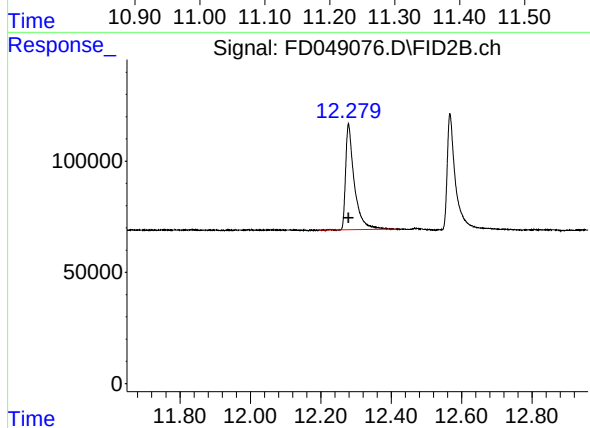
#10 Anthracene (C19.43)

R.T.: 10.552 min
Delta R.T.: 0.000 min
Response: 786469
Conc: 5.21 ug/ml



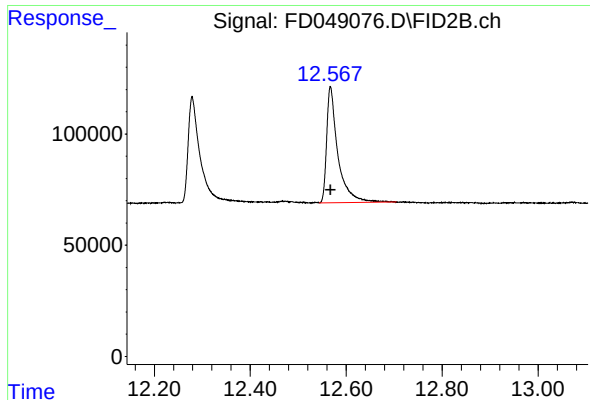
#11 ortho-Terphenyl (SURRE)

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 896262
Conc: 5.54 ug/ml



#12 Fluoranthene (C21.85)

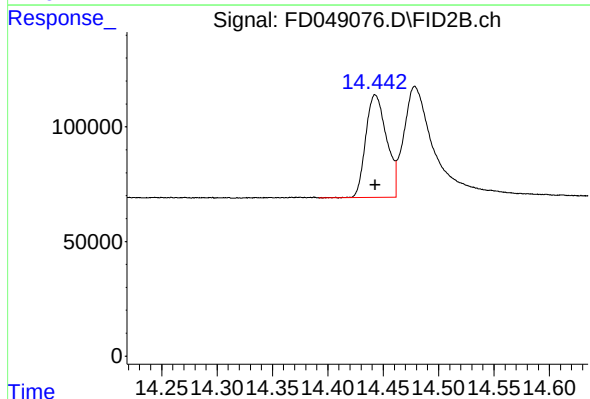
R.T.: 12.279 min
Delta R.T.: 0.000 min
Response: 819618
Conc: 5.31 ug/ml



#13 Pyrene (C20.8)

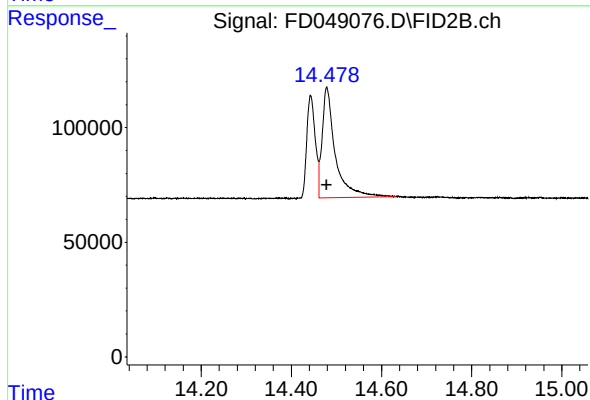
R.T.: 12.567 min
Delta R.T.: 0.000 min
Response: 846750
Conc: 5.50 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



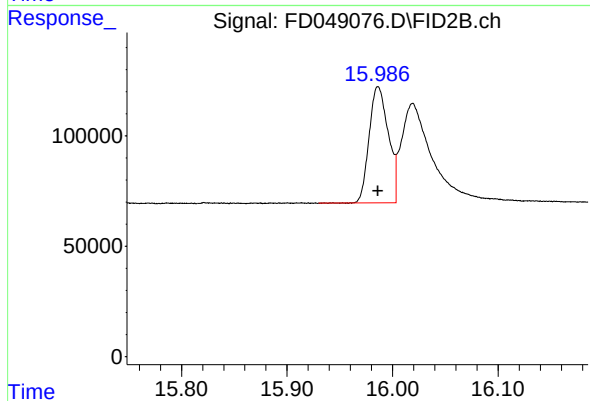
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.443 min
Delta R.T.: 0.000 min
Response: 584303
Conc: 4.45 ug/ml



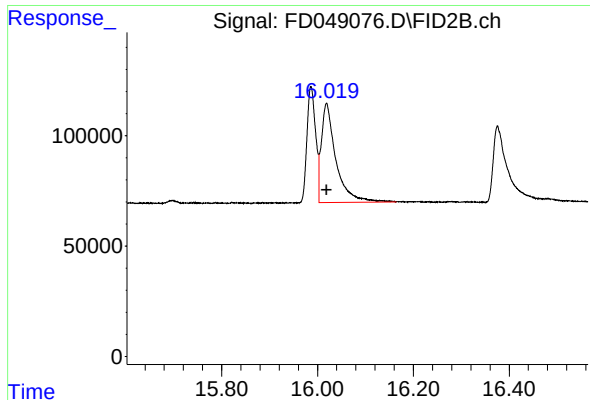
#15 Chrysene (C27.41)

R.T.: 14.479 min
Delta R.T.: 0.000 min
Response: 971932
Conc: 6.01 ug/ml



#16 benzo[b]fluoranthene (C30.41)

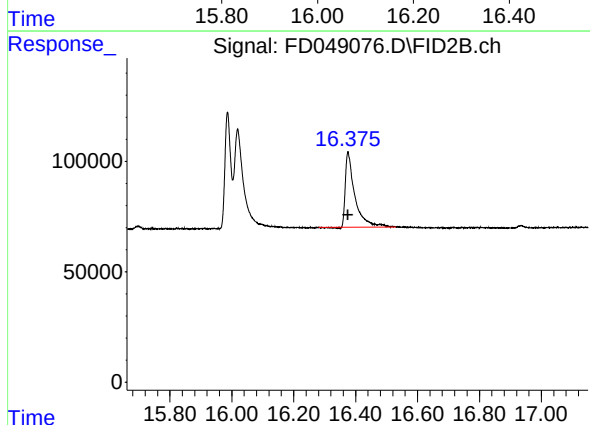
R.T.: 15.986 min
Delta R.T.: 0.000 min
Response: 664702
Conc: 4.83 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

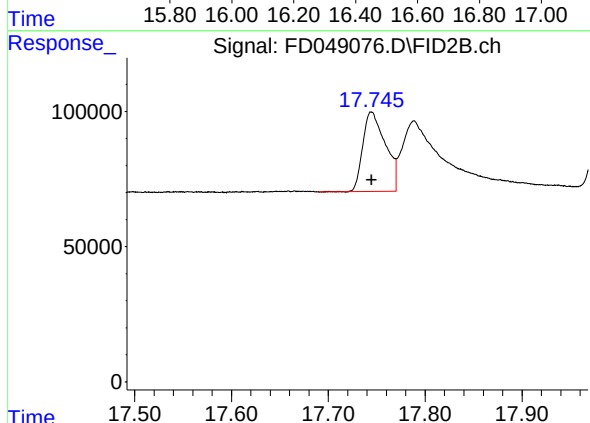
R.T.: 16.019 min
Delta R.T.: 0.000 min
Response: 942068
Conc: 5.96 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



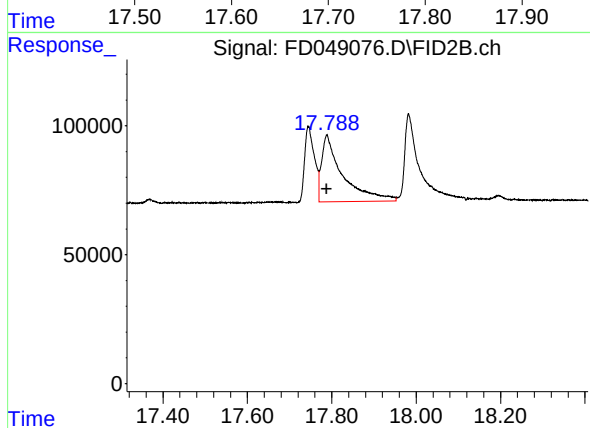
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.376 min
Delta R.T.: 0.000 min
Response: 726171
Conc: 5.35 ug/ml



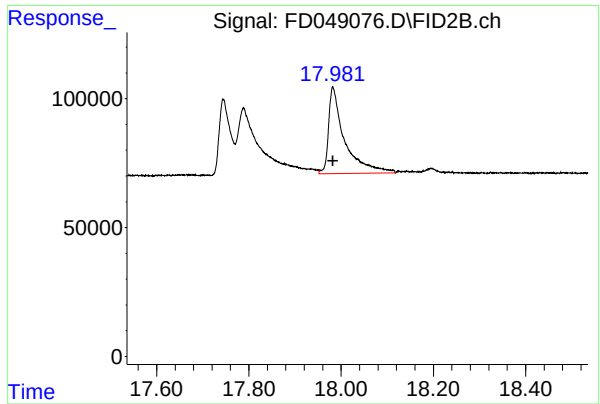
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min
Delta R.T.: 0.000 min
Response: 475672
Conc: 4.35 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.788 min
Delta R.T.: 0.000 min
Response: 897828
Conc: 5.79 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.982 min
Delta R.T.: 0.000 min
Response: 809816
Conc: 5.59 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5

A
B
C
D
E
F
G
H
I
J

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
Data File : FD049076.D
Signal(s) : FID2B.ch
Acq On : 10 Feb 2025 15:48
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.178	4.120	4.297	BB	88104	880662	90.61%	5.314%
2	5.699	5.644	5.837	BB	60647	819370	84.30%	4.945%
3	6.746	6.702	6.877	BB	53740	809055	83.24%	4.882%
4	7.358	7.307	7.500	BV	55653	773691	79.60%	4.669%
5	8.007	7.960	8.125	BB	72554	889357	91.50%	5.367%
6	8.218	8.194	8.276	PV	21681	411369	42.32%	2.482%
7	8.298	8.276	8.394	VB	83456	942609	96.98%	5.688%
8	9.085	9.032	9.230	BB	55303	839593	86.38%	5.067%
9	10.472	10.417	10.527	BV	57501	783663	80.63%	4.729%
10	10.552	10.527	10.705	VB	38447	786469	80.92%	4.746%
11	11.234	11.184	11.302	BB	76762	896262	92.21%	5.409%
12	12.279	12.195	12.414	BB	47695	819618	84.33%	4.946%
13	12.567	12.543	12.704	PB	52249	846750	87.12%	5.110%
14	14.443	14.392	14.461	BV	44649	584303	60.12%	3.526%
15	14.479	14.461	14.632	VB	48318	971932	100.00%	5.865%
16	15.986	15.930	16.003	BV	52690	664702	68.39%	4.011%
17	16.019	16.003	16.164	VB	44953	942068	96.93%	5.685%
18	16.376	16.282	16.530	BB	34288	726171	74.71%	4.382%
19	17.745	17.690	17.770	BV	29384	475672	48.94%	2.871%
20	17.788	17.770	17.952	VV	26033	897828	92.38%	5.418%
21	17.982	17.952	18.119	VV	33694	809816	83.32%	4.887%
Sum of corrected areas:						16570960		

Aromatic EPH 021125.M Tue Feb 11 00:34:06 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
 Data File : FD049077.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 16:24
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/11/2025
 Supervised By :Ankita Jodhani 02/11/2025

Integration File: autoint1.e
 Quant Time: Feb 10 18:23:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 10 16:27:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.352	2822907	19.726 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
6) S 2-Fluorobiphenyl (SURR)	8.203	1781261	20.262 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.52%
11) S ortho-Terphenyl (SURR)	11.233	3178458	19.647 ug/ml
Spiked Amount 50.000		Recovery =	39.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	3134755	19.684 ug/ml
2) T Naphthalene (C11.7)	5.693	3146803	19.818 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	3087751	19.832 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3188327	19.608 ug/ml
7) T Acenaphthene (C15.5)	8.296	3203234	19.472 ug/ml
8) T Fluorene (C16.55)	9.076	3106009	19.702 ug/ml
9) T Phenanthrene (C19.36)	10.462	2995357	19.876 ug/ml
10) T Anthracene (C19.43)	10.539	3001671	19.875 ug/ml
12) T Fluoranthene (C21.85)	12.266	3059686	19.828 ug/ml
13) T Pyrene (C20.8)	12.559	3015618	19.575 ug/ml
14) T Benzo[a]anthracene (C...	14.428	2707067	20.603 ug/ml
15) T Chrysene (C27.41)	14.470	3142097	19.433 ug/ml
16) T benzo[b]fluoranthene ...	15.976	2807062	20.401 ug/ml
17) T Bnezo[k]fluoranthene ...	16.007	3031459	19.193 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.354	2694826	19.853 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.718	2162922	19.793 ug/mlm
20) T Dibenz[a,h]anthracene...	17.759	3098291	19.971 ug/ml
21) T Benzo[g,h,i]perylene ...	17.967	2849147	19.656 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
Data File : FD049077.D
Signal(s) : FID2B.ch
Acq On : 10 Feb 2025 16:24
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 67 Sample Multiplier: 1

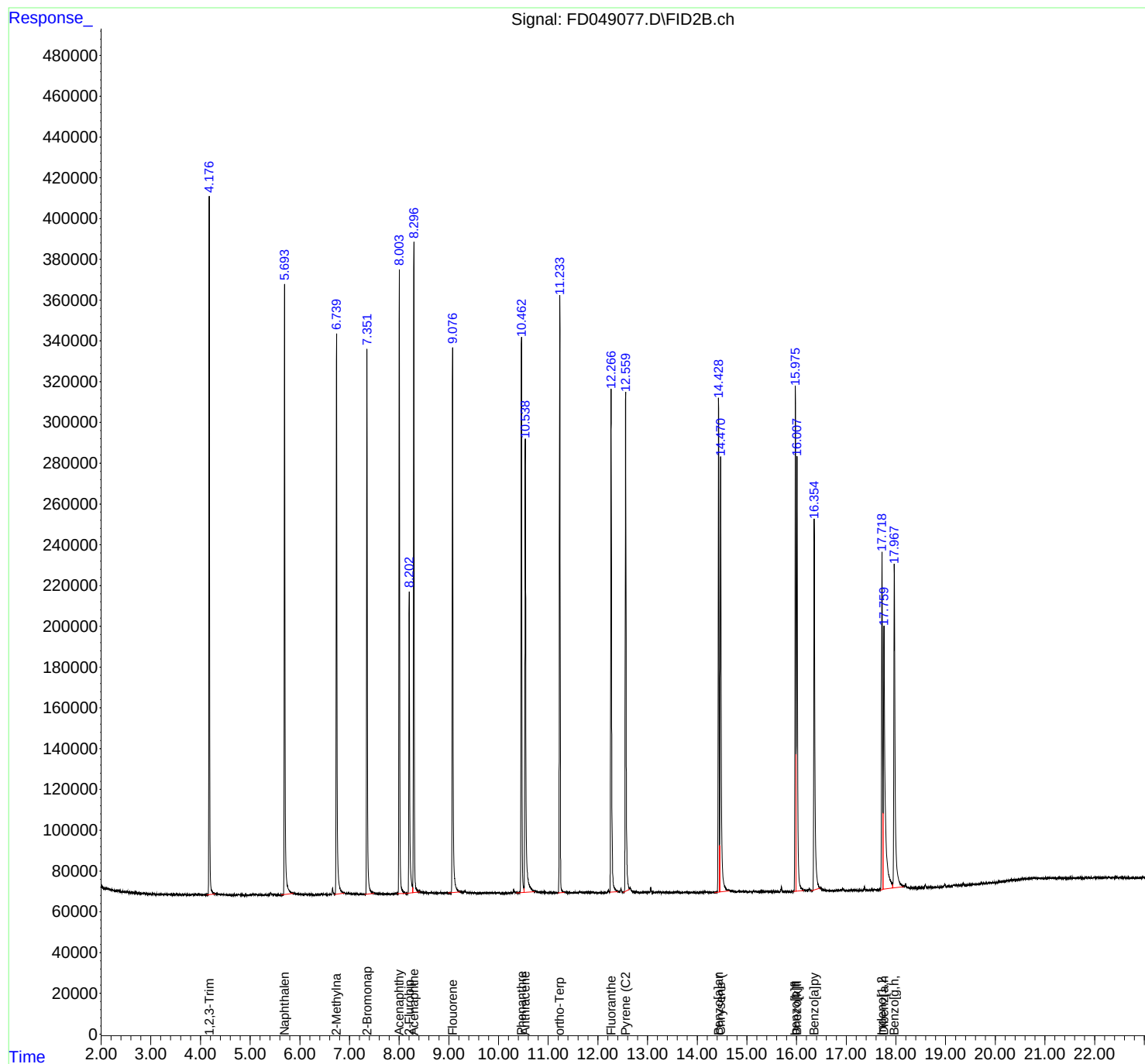
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

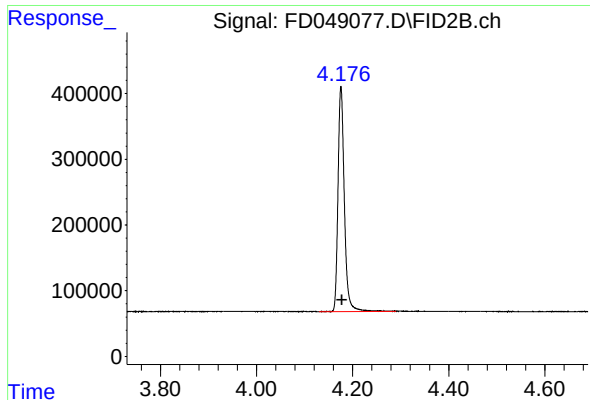
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025

Integration File: autoint1.e
Quant Time: Feb 10 18:23:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Mon Feb 10 16:27:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.176 min
Delta R.T.: -0.002 min
Response: 3134755
Conc: 19.68 ug/ml

Instrument :

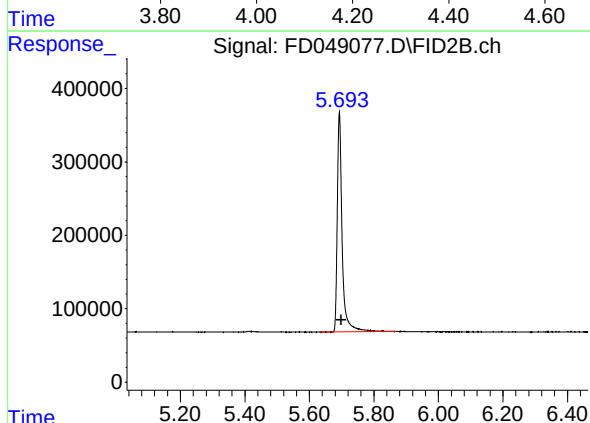
FID_D

ClientSampleId :

20 PPM AROMATIC HC STD ICV

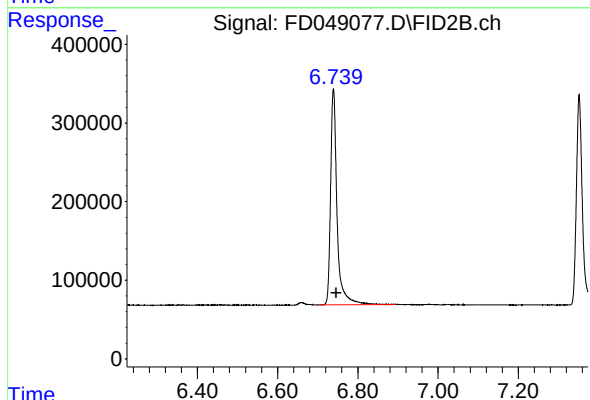
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025



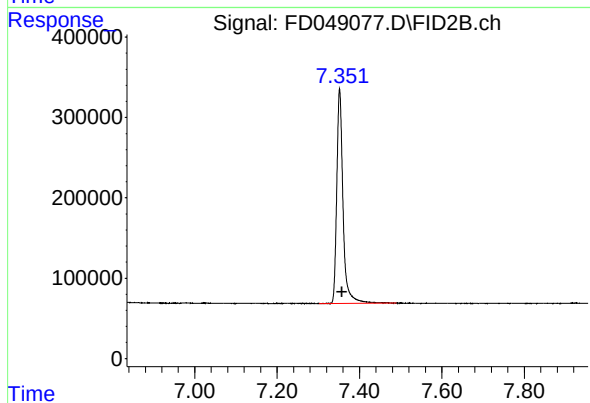
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: -0.006 min
Response: 3146803
Conc: 19.82 ug/ml



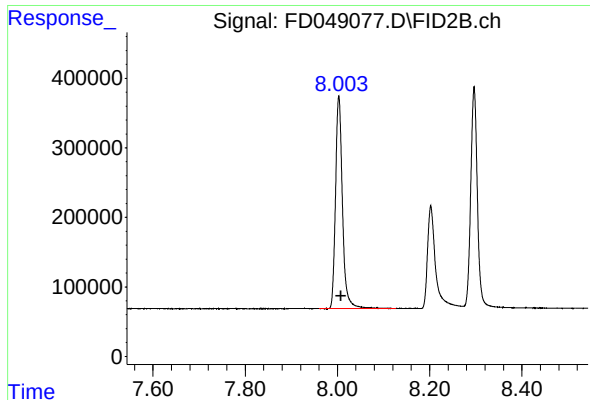
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: -0.007 min
Response: 3087751
Conc: 19.83 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.352 min
Delta R.T.: -0.006 min
Response: 2822907
Conc: 19.73 ug/ml



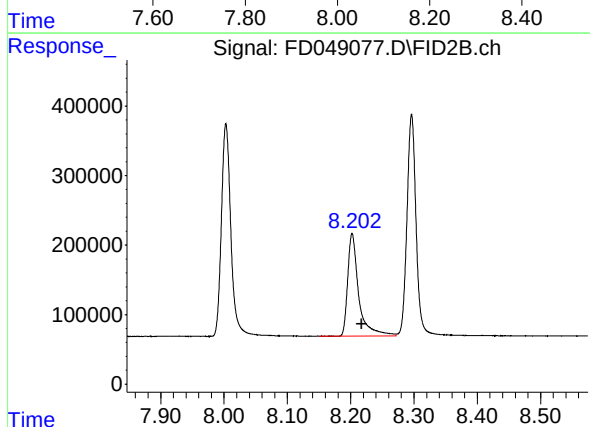
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: -0.004 min
Response: 3188327
Conc: 19.61 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

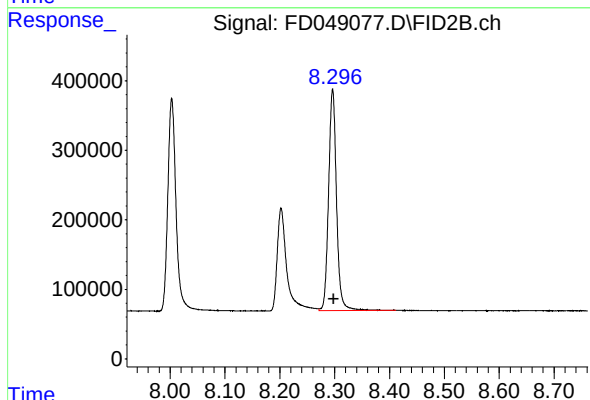
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025



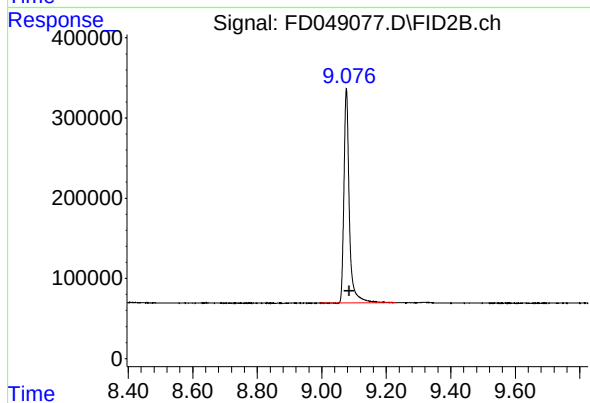
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: -0.015 min
Response: 1781261
Conc: 20.26 ug/ml



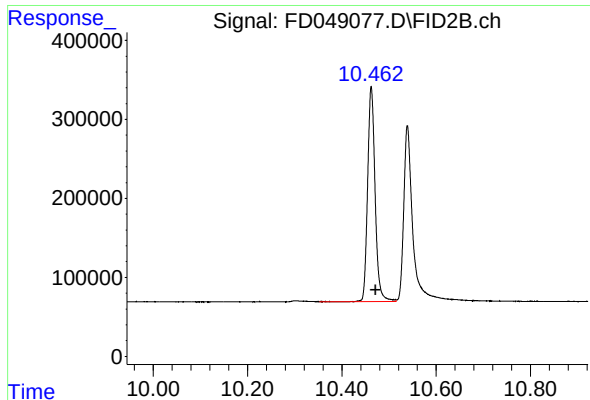
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: -0.002 min
Response: 3203234
Conc: 19.47 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.076 min
Delta R.T.: -0.008 min
Response: 3106009
Conc: 19.70 ug/ml



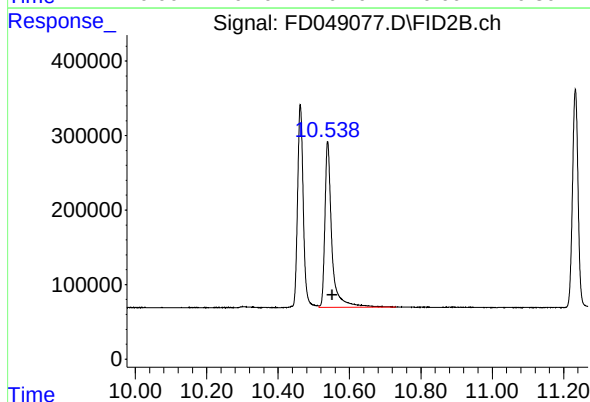
#9 Phenanthrene (C19.36)

R.T.: 10.462 min
Delta R.T.: -0.009 min
Response: 2995357
Conc: 19.88 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

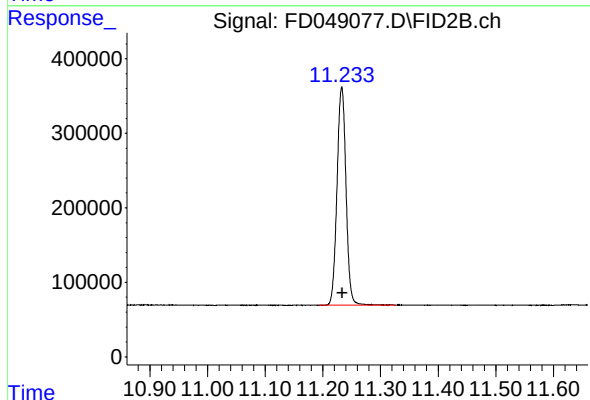
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025



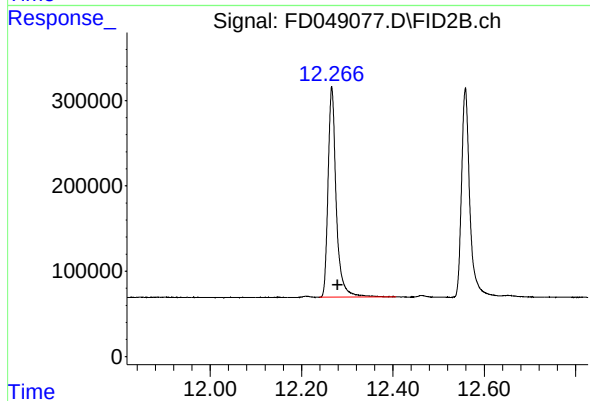
#10 Anthracene (C19.43)

R.T.: 10.539 min
Delta R.T.: -0.013 min
Response: 3001671
Conc: 19.87 ug/ml



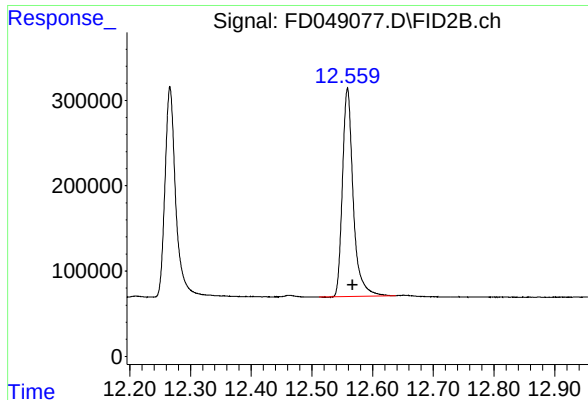
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: -0.001 min
Response: 3178458
Conc: 19.65 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.266 min
Delta R.T.: -0.013 min
Response: 3059686
Conc: 19.83 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.559 min
Delta R.T.: -0.008 min
Response: 3015618
Conc: 19.57 ug/ml

Instrument :

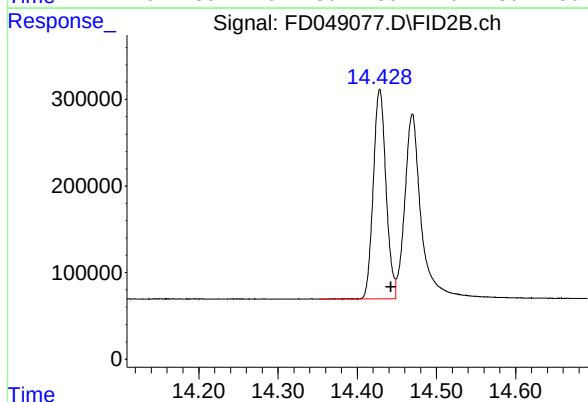
FID_D

ClientSampleId :

20 PPM AROMATIC HC STD ICV

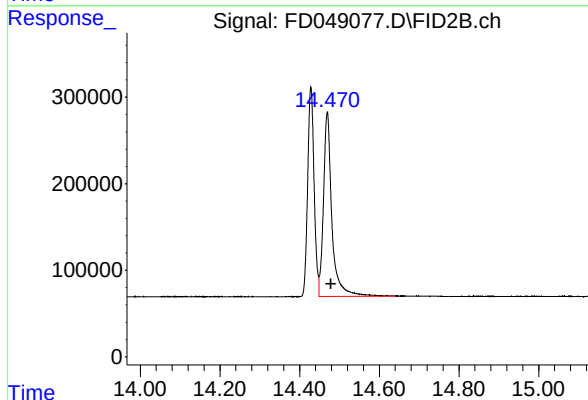
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025



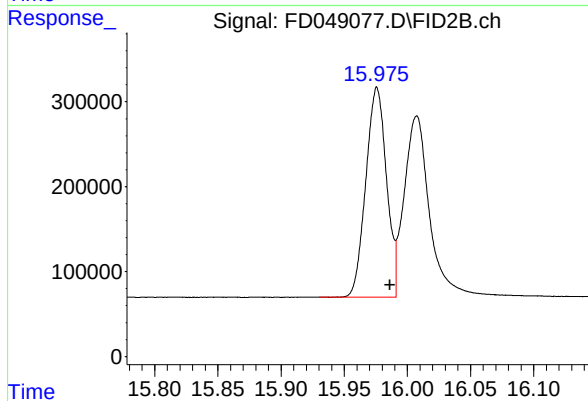
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.428 min
Delta R.T.: -0.014 min
Response: 2707067
Conc: 20.60 ug/ml



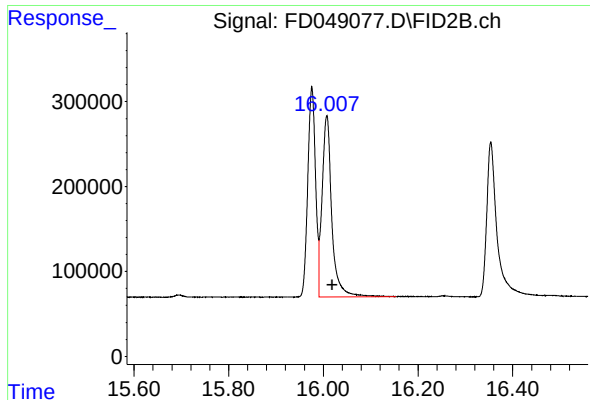
#15 Chrysene (C27.41)

R.T.: 14.470 min
Delta R.T.: -0.009 min
Response: 3142097
Conc: 19.43 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.976 min
Delta R.T.: -0.010 min
Response: 2807062
Conc: 20.40 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.007 min
Delta R.T.: -0.012 min
Response: 3031459
Conc: 19.19 ug/ml

Instrument :

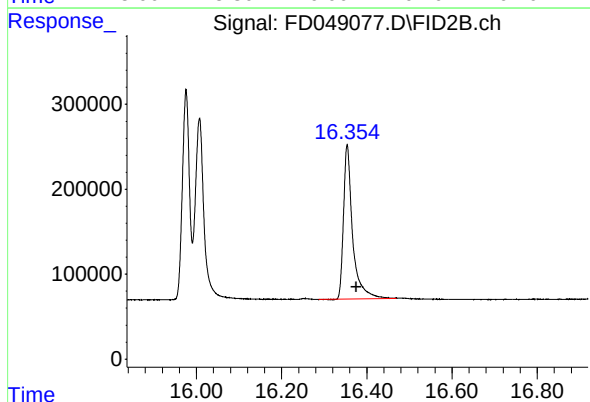
FID_D

ClientSampleId :

20 PPM AROMATIC HC STD ICV

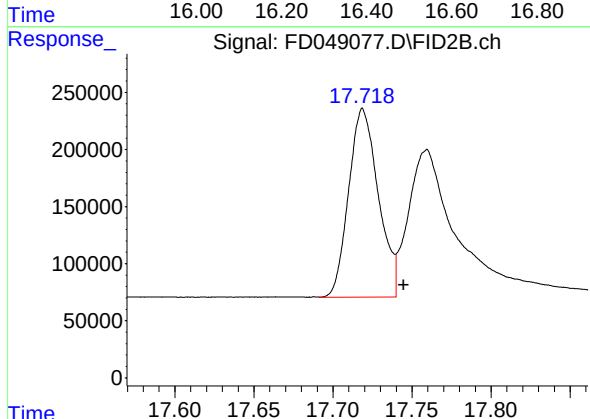
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025



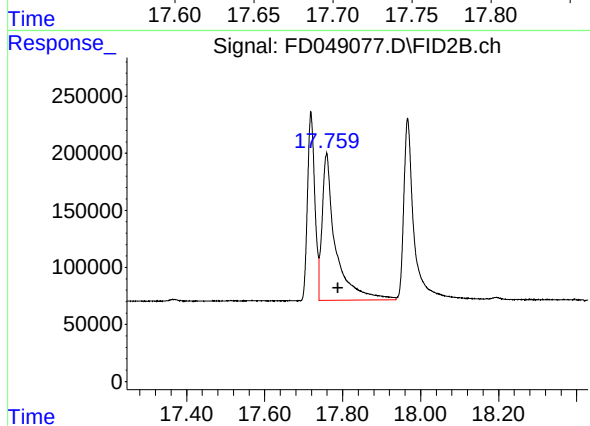
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.354 min
Delta R.T.: -0.022 min
Response: 2694826
Conc: 19.85 ug/ml



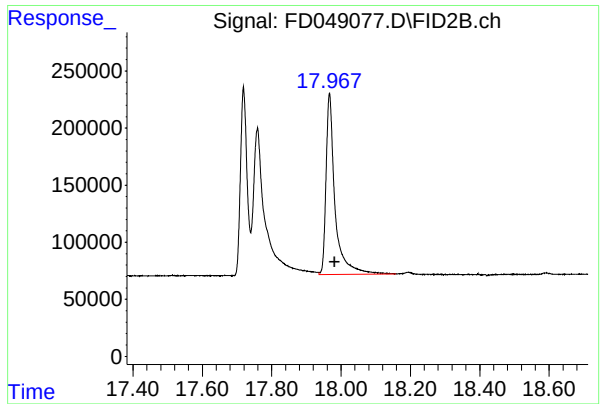
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.718 min
Delta R.T.: -0.026 min
Response: 2162922
Conc: 19.79 ug/ml m



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.759 min
Delta R.T.: -0.029 min
Response: 3098291
Conc: 19.97 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.967 min
Delta R.T.: -0.015 min
Response: 2849147
Conc: 19.66 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025

nteres

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV
Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD02112
Data File : FD049077.D
Signal(s) : FID2B.ch
Acq On : 10 Feb 2025 16:24
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.176	4.130	4.290	BV	342184	3134755	97.86%	5.122%
2	5.693	5.630	5.868	BB	299016	3146803	98.24%	5.142%
3	6.739	6.703	6.895	BB	275219	3087751	96.39%	5.046%
4	7.352	7.302	7.488	BB	267137	2822907	88.13%	4.613%
5	8.003	7.960	8.127	BB	305766	3188327	99.53%	5.210%
6	8.203	8.150	8.272	BV	147711	1781261	55.61%	2.911%
7	8.296	8.272	8.412	VB	318821	3203234	100.00%	5.234%
8	9.076	8.992	9.230	BB	267490	3106009	96.96%	5.075%
9	10.462	10.352	10.515	BV	272649	2995357	93.51%	4.895%
10	10.539	10.515	10.730	VV	223108	3001671	93.71%	4.905%
11	11.233	11.193	11.327	BB	293357	3178458	99.23%	5.194%
12	12.266	12.238	12.407	BB	246286	3059686	95.52%	5.000%
13	12.559	12.512	12.638	BV	244060	3015618	94.14%	4.928%
14	14.428	14.352	14.449	BV	242288	2707067	84.51%	4.424%
15	14.470	14.449	14.642	VB	214017	3142097	98.09%	5.134%
16	15.976	15.930	15.991	BV	246799	2807062	87.63%	4.587%
17	16.007	15.991	16.153	VB	213051	3031459	94.64%	4.954%
18	16.354	16.288	16.468	PV	181424	2694826	84.13%	4.404%
19	17.719	17.690	17.740	BV	165163	2144691	66.95%	3.505%
20	17.759	17.740	17.937	VV	128285	3098291	96.72%	5.063%
21	17.967	17.937	18.158	VB	158807	2849147	88.95%	4.656%
Sum of corrected areas:						61196477		

Aromatic EPH 021125.M Tue Feb 11 00:34:31 2025

Initial Calibration Report for SequenceID : FE030325AL

AreaCount

Parameter Range	FE052574.D	FE052575.D	FE052576.D	FE052577.D	FE052578.D	
Aliphatic C9-C12	42442133.000	21908913.000	9597805.000	4926333.000	2520517.000	
Aliphatic C12-C16	27580281.000	14251729.000	6250320.000	3204581.000	1635867.000	
Aliphatic C16-C21	39738338.000	20559097.000	9010211.000	4640638.000	2375408.000	
Aliphatic C21-C28	50608585.000	26547978.000	11639338.000	6148197.000	3076025.000	
Aliphatic C28-C40	66374736.000	34517397.000	15630021.000	8240673.000	4340048.000	
Aliphatic EPH	226744073.000	117785114.000	52127695.000	27160422.000	13947865.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	155948.4359996	7.435				
Aliphatic C12-C16	152098.489	7.415				
Aliphatic C16-C21	146548.0846662	7.685				
Aliphatic C21-C28	142451.8505	8.689				
Aliphatic C28-C40	127589.1083332	11.35				
Aliphatic EPH	141501.5884438	8.903				

Concentration

Parameter Range	FE052574.D	FE052575.D	FE052576.D	FE052577.D	FE052578.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FE052574.D	FE052575.D	FE052576.D	FE052577.D	FE052578.D	
Aliphatic C9-C12	141473.776666	146059.420000	159963.416666	164211.100000	168034.466666	
Aliphatic C12-C16	137901.405000	142517.290000	156258.000000	160229.050000	163586.700000	
Aliphatic C16-C21	132461.126666	137060.646666	150170.183333	154687.933333	158360.533333	

Initial Calibration Report for SequenceID : FE030325AL

Aliphatic C21-C28	126521.462500	132739.890000	145491.725000	153704.925000	153801.250000	
Aliphatic C28-C40	110624.560000	115057.990000	130250.175000	137344.550000	144668.266666	
Aliphatic EPH	125968.929444	130872.348888	144799.152777	150891.233333	154976.277777	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
 Data File : FE052574.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2025 11:03
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Mar 03 12:35:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 12:32:42 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.921	15249190	93.747 ug/ml
Spiked Amount 50.000		Recovery =	187.49%
12) S 1-chlorooctadecane (S...	13.362	11123183	94.425 ug/ml
Spiked Amount 50.000		Recovery =	188.85%
Target Compounds			
1) T n-Nonane (C9)	3.257	14069581	93.932 ug/ml
2) T n-Decane (C10)	4.520	14244956	93.842 ug/ml
3) T A~Naphthalene (C11.7)	6.234	15515805	94.126 ug/ml
4) T n-Dodecane (C12)	6.701	14127596	93.824 ug/ml
5) T A~2-methylnaphthalene...	7.337	14872839	94.265 ug/ml
6) T n-Tetradecane (C14)	8.538	13725919	93.771 ug/ml
7) T n-Hexadecane (C16)	10.153	13854362	93.748 ug/ml
8) T n-Octadecane (C18)	11.603	13752507	93.737 ug/ml
10) T n-Eicosane (C20)	12.917	13115140	93.713 ug/ml
11) T n-Heneicosane (C21)	13.531	12870691	93.753 ug/ml
13) T n-Docosane (C22)	14.119	12800111	93.460 ug/ml
14) T n-Tetracosane (C24)	15.226	12766560	93.227 ug/ml
15) T n-Hexacosane (C26)	16.249	12617268	93.065 ug/ml
16) T n-Octacosane (C28)	17.201	12424646	92.341 ug/ml
17) T n-Tricontane (C30)	18.092	12609210	91.462 ug/ml
18) T n-Dotriacontane (C32)	18.928	12252844	90.798 ug/ml
19) T n-Tetratriacontane (C34)	19.714	11540152	91.301 ug/ml
20) T n-Hexatriacontane (C36)	20.455	10354123	91.810 ug/ml
21) T n-Octatriacontane (C38)	21.198	9888606	92.810 ug/ml
22) T n-Tetracontane (C40)	22.124	9729801	93.471 ug/ml

(f)=RT Delta > 1/2 Window

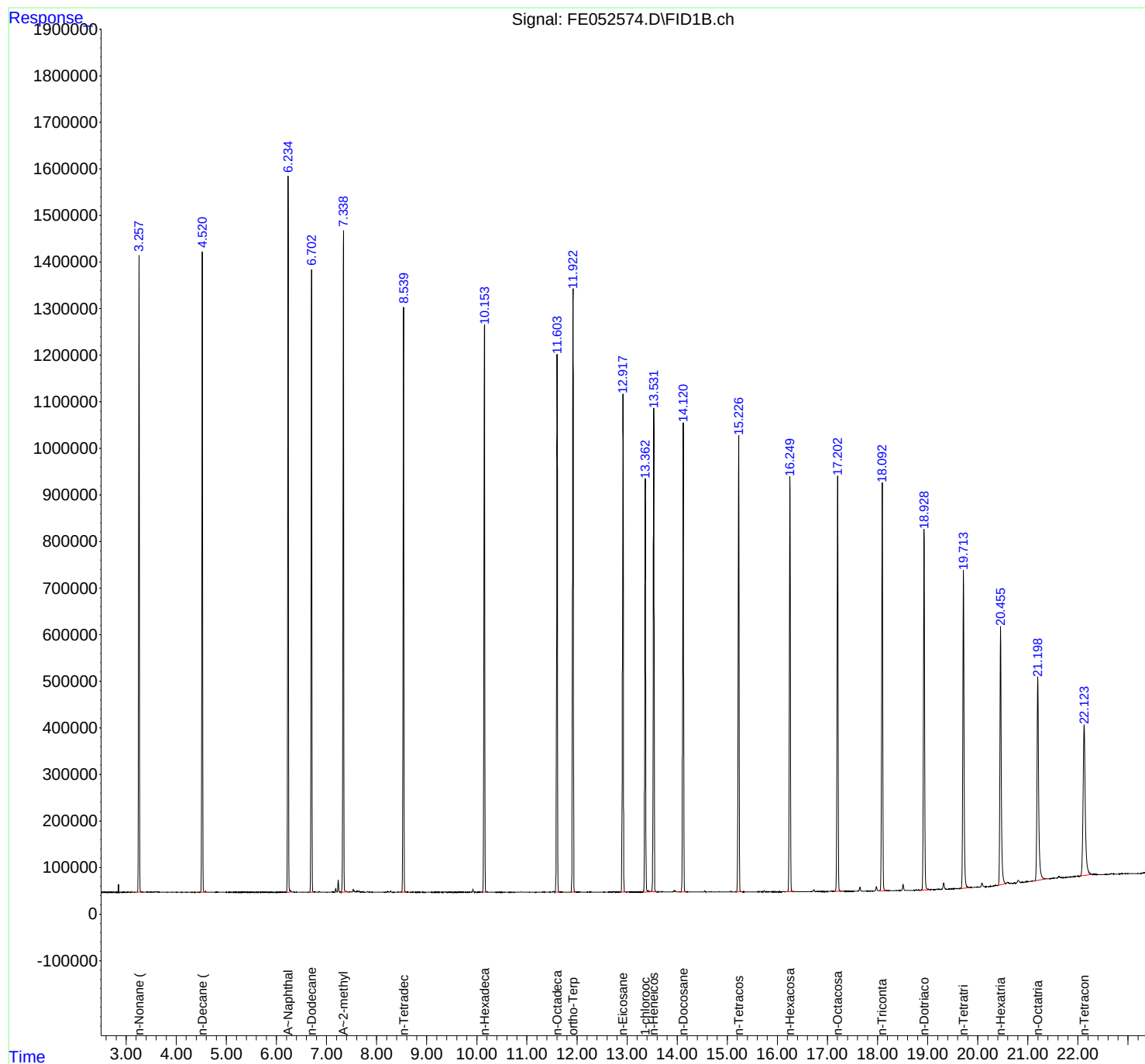
(m)=manual int.

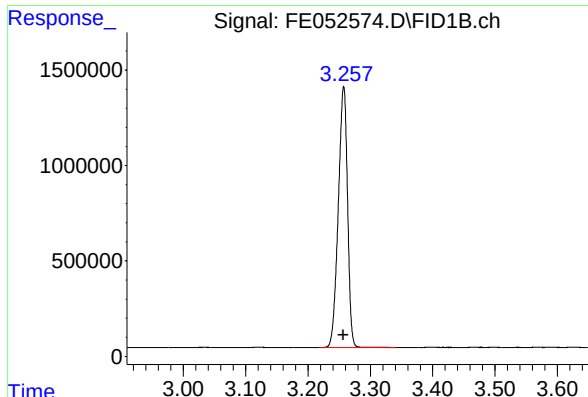
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052574.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 11:03
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Mar 03 12:35:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 12:32:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

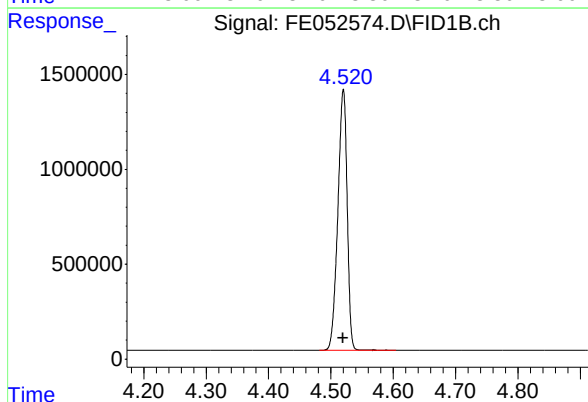




#1 n-Nonane (C9)

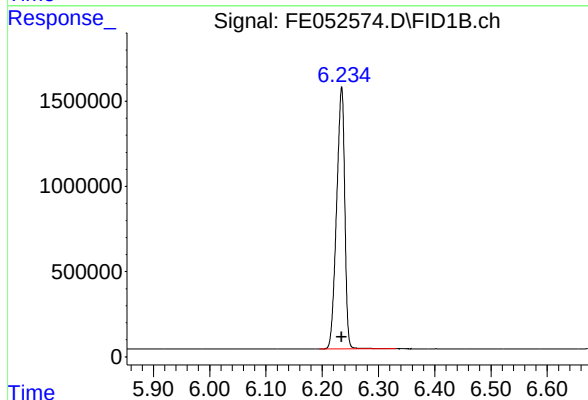
R.T.: 3.257 min
Delta R.T.: 0.000 min
Response: 14069581
Conc: 93.93 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



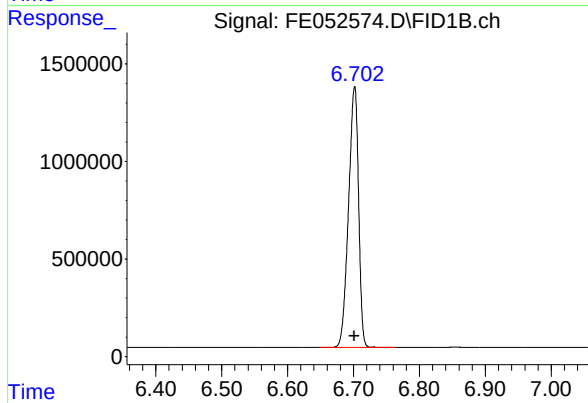
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 14244956
Conc: 93.84 ug/ml



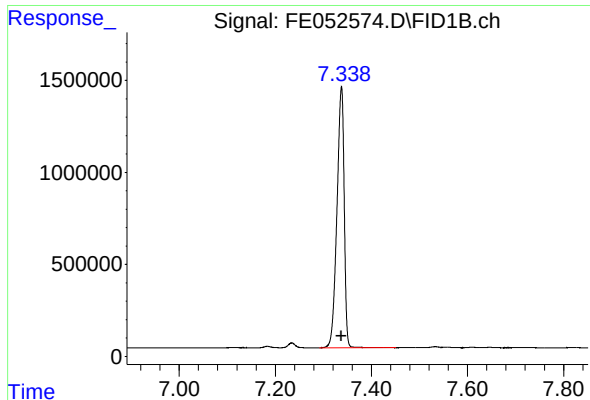
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 15515805
Conc: 94.13 ug/ml



#4 n-Dodecane (C12)

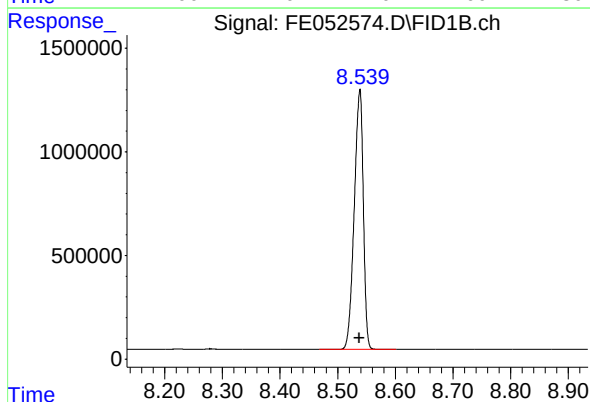
R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 14127596
Conc: 93.82 ug/ml



#5 A~2-methylnaphthalene (C12.89)

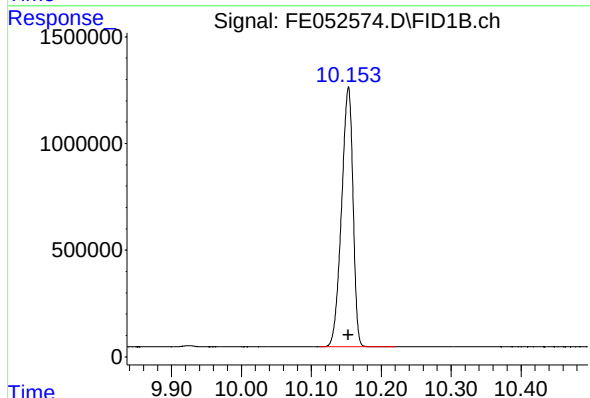
R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 14872839
Conc: 94.27 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



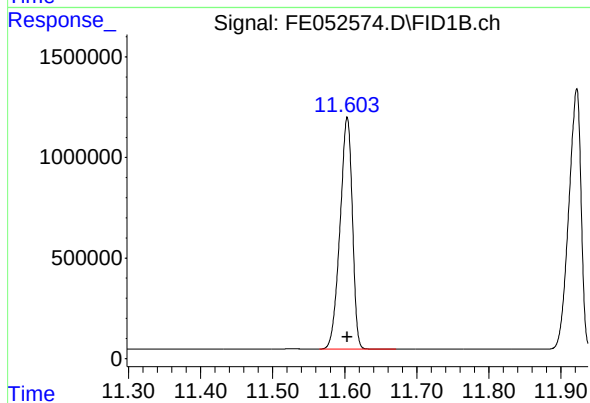
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 13725919
Conc: 93.77 ug/ml



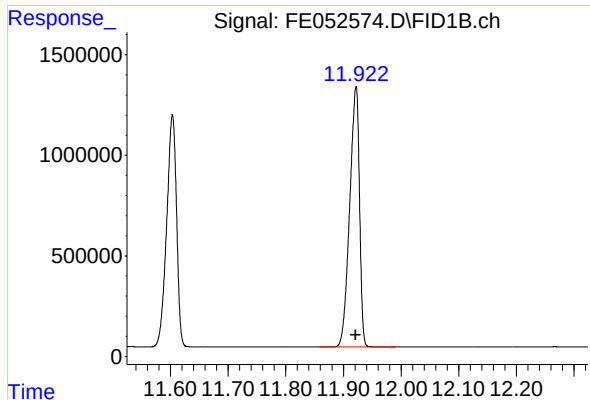
#7 n-Hexadecane (C16)

R.T.: 10.153 min
Delta R.T.: 0.000 min
Response: 13854362
Conc: 93.75 ug/ml



#8 n-Octadecane (C18)

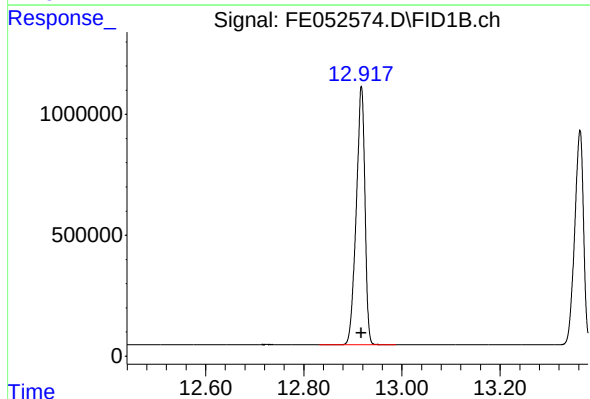
R.T.: 11.603 min
Delta R.T.: 0.000 min
Response: 13752507
Conc: 93.74 ug/ml



#9 ortho-Terphenyl (SURR)

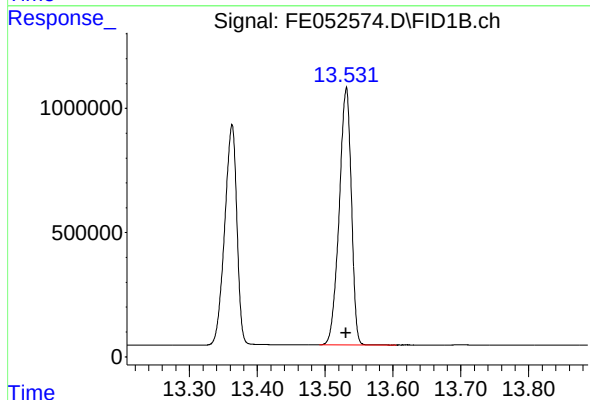
R.T.: 11.921 min
Delta R.T.: 0.000 min
Response: 15249190
Conc: 93.75 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



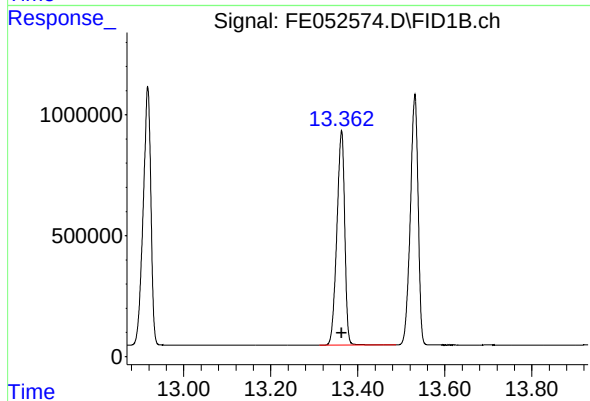
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: 0.000 min
Response: 13115140
Conc: 93.71 ug/ml



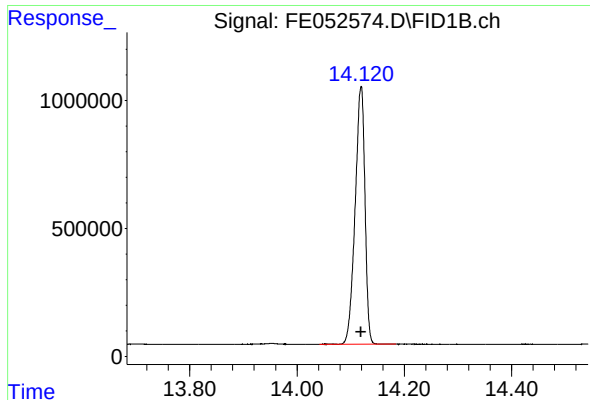
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.000 min
Response: 12870691
Conc: 93.75 ug/ml



#12 1-chlorooctadecane (SURR)

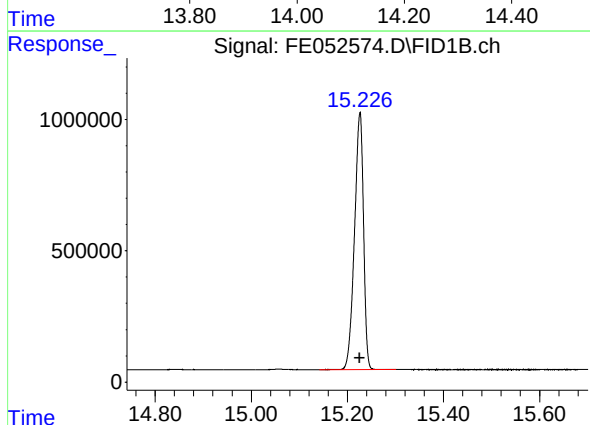
R.T.: 13.362 min
Delta R.T.: 0.000 min
Response: 11123183
Conc: 94.43 ug/ml



#13 n-Docosane (C22)

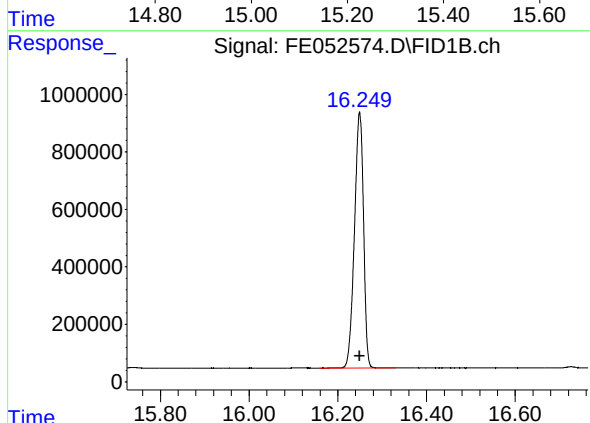
R.T.: 14.119 min
Delta R.T.: 0.000 min
Response: 12800111
Conc: 93.46 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



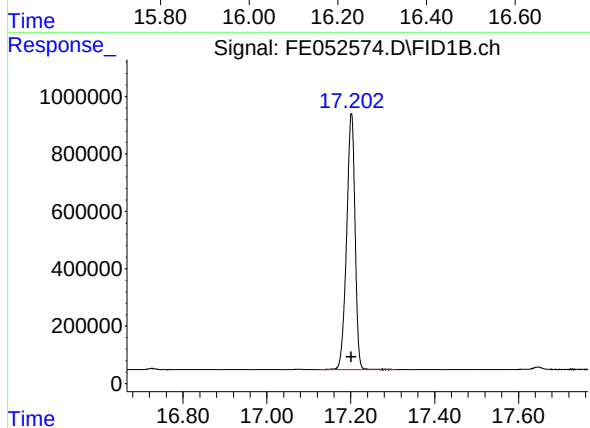
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: 0.000 min
Response: 12766560
Conc: 93.23 ug/ml



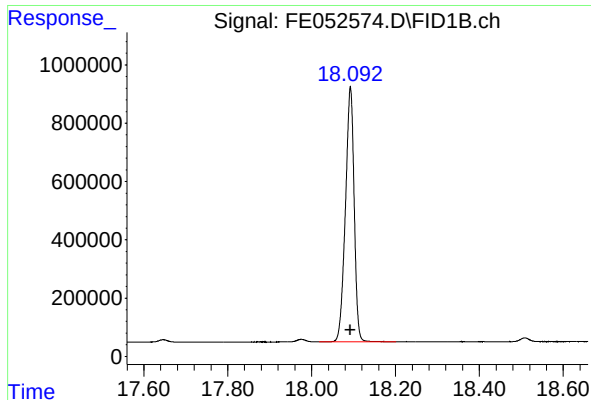
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.000 min
Response: 12617268
Conc: 93.06 ug/ml



#16 n-Octacosane (C28)

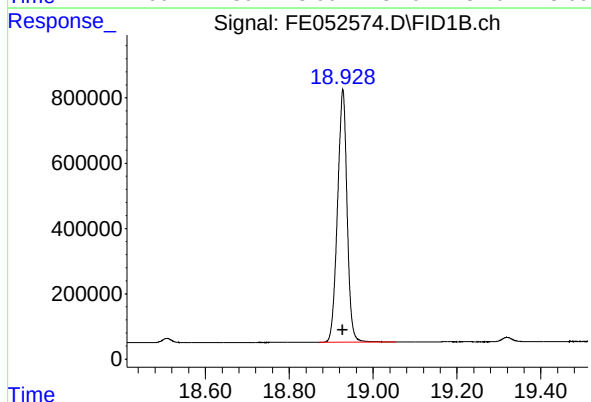
R.T.: 17.201 min
Delta R.T.: 0.000 min
Response: 12424646
Conc: 92.34 ug/ml



#17 n-Tricontane (C30)

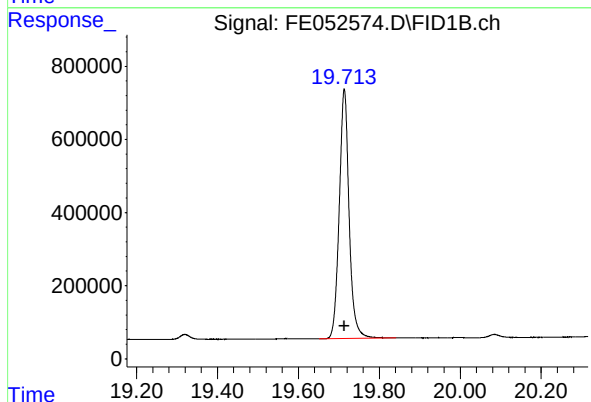
R.T.: 18.092 min
Delta R.T.: 0.000 min
Response: 12609210
Conc: 91.46 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



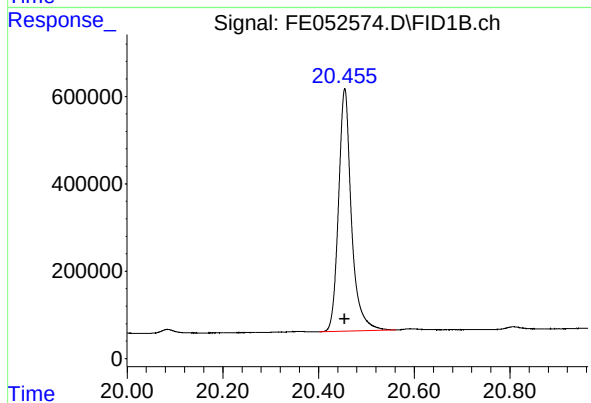
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: 0.000 min
Response: 12252844
Conc: 90.80 ug/ml



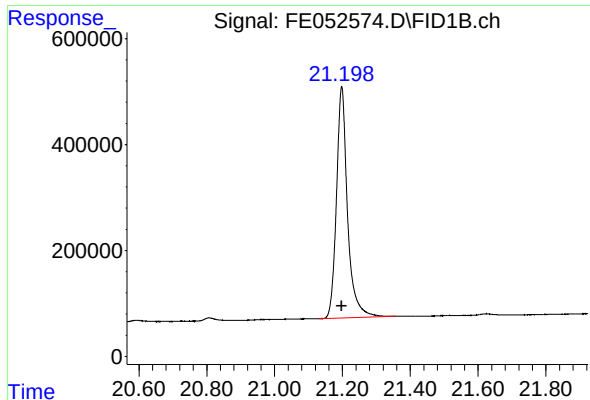
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: 0.000 min
Response: 11540152
Conc: 91.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: 0.000 min
Response: 10354123
Conc: 91.81 ug/ml



#21 n-Octatriacontane (C38)

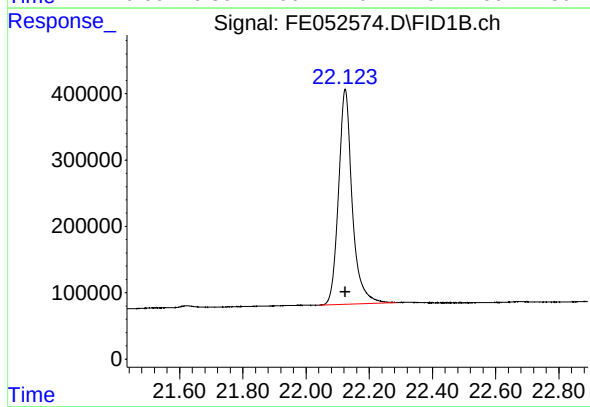
R.T.: 21.198 min
Delta R.T.: 0.000 min
Response: 9888606
Conc: 92.81 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: 0.000 min
Response: 9729801
Conc: 93.47 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
 Data File : FE052574.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2025 11:03
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.257	3.218	3.341	BB	1376737	14069581	90.68%	4.963%
2	4.520	4.481	4.604	BB	1385573	14244956	91.81%	5.025%
3	6.234	6.194	6.331	BB	1543497	15515805	100.00%	5.473%
4	6.701	6.648	6.764	BB	1337401	14127596	91.05%	4.983%
5	7.337	7.291	7.451	PB	1429684	14872839	95.86%	5.246%
6	8.538	8.468	8.601	BB	1246041	13725919	88.46%	4.842%
7	10.153	10.111	10.221	BB	1228361	13854362	89.29%	4.887%
8	11.603	11.564	11.671	BB	1158280	13752507	88.64%	4.851%
9	11.921	11.858	11.991	BB	1294746	15249190	98.28%	5.379%
10	12.917	12.831	12.988	BB	1073457	13115140	84.53%	4.626%
11	13.362	13.311	13.488	BB	878519	11123183	71.69%	3.923%
12	13.531	13.491	13.604	BB	1034118	12870691	82.95%	4.540%
13	14.119	14.041	14.184	BB	1007279	12800111	82.50%	4.515%
14	15.226	15.141	15.301	BB	971384	12766560	82.28%	4.503%
15	16.249	16.158	16.331	BB	889127	12617268	81.32%	4.450%
16	17.201	17.124	17.308	BB	895534	12424646	80.08%	4.383%
17	18.092	18.018	18.201	VB	871317	12609210	81.27%	4.448%
18	18.928	18.871	19.054	BB	775818	12252844	78.97%	4.322%
19	19.714	19.651	19.841	BV	682323	11540152	74.38%	4.071%
20	20.455	20.401	20.562	BV	555199	10354123	66.73%	3.652%
21	21.198	21.131	21.358	BB	437475	9888606	63.73%	3.488%
22	22.124	22.041	22.284	BV	324105	9729801	62.71%	3.432%
Sum of corrected areas:						283505085		

Aliphatic EPH 030325.M Tue Mar 04 04:13:47 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
 Data File : FE052575.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2025 11:34
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Mar 03 12:40:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 12:40:45 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.915	7890446	48.995 ug/ml
Spiked Amount 50.000		Recovery =	97.99%
12) S 1-chlorooctadecane (S...	13.358	5721300	49.036 ug/ml
Spiked Amount 50.000		Recovery =	98.07%
Target Compounds			
1) T n-Nonane (C9)	3.254	7262625	48.981 ug/ml
2) T n-Decane (C10)	4.517	7350604	48.938 ug/ml
3) T A~Naphthalene (C11.7)	6.230	8003588	49.026 ug/ml
4) T n-Dodecane (C12)	6.698	7295684	48.957 ug/ml
5) T A~2-methylnaphthalene...	7.333	7667442	49.056 ug/ml
6) T n-Tetradecane (C14)	8.535	7087970	48.937 ug/ml
7) T n-Hexadecane (C16)	10.150	7163759	48.973 ug/ml
8) T n-Octadecane (C18)	11.599	7114585	48.985 ug/ml
10) T n-Eicosane (C20)	12.913	6790047	49.002 ug/ml
11) T n-Heneicosane (C21)	13.527	6654465	48.971 ug/ml
13) T n-Docosane (C22)	14.115	6651959	49.037 ug/ml
14) T n-Tetracosane (C24)	15.221	6697431	49.266 ug/ml
15) T n-Hexacosane (C26)	16.246	6641490	49.320 ug/ml
16) T n-Octacosane (C28)	17.198	6557098	49.148 ug/ml
17) T n-Tricontane (C30)	18.088	6637939	48.751 ug/ml
18) T n-Dotriacontane (C32)	18.923	6417064	48.341 ug/ml
19) T n-Tetratriacontane (C34)	19.709	5988221	48.220 ug/ml
20) T n-Hexatriacontane (C36)	20.451	5353171	48.282 ug/ml
21) T n-Octatriacontane (C38)	21.193	5101404	48.566 ug/ml
22) T n-Tetracontane (C40)	22.116	5019598	48.800 ug/ml

(f)=RT Delta > 1/2 Window

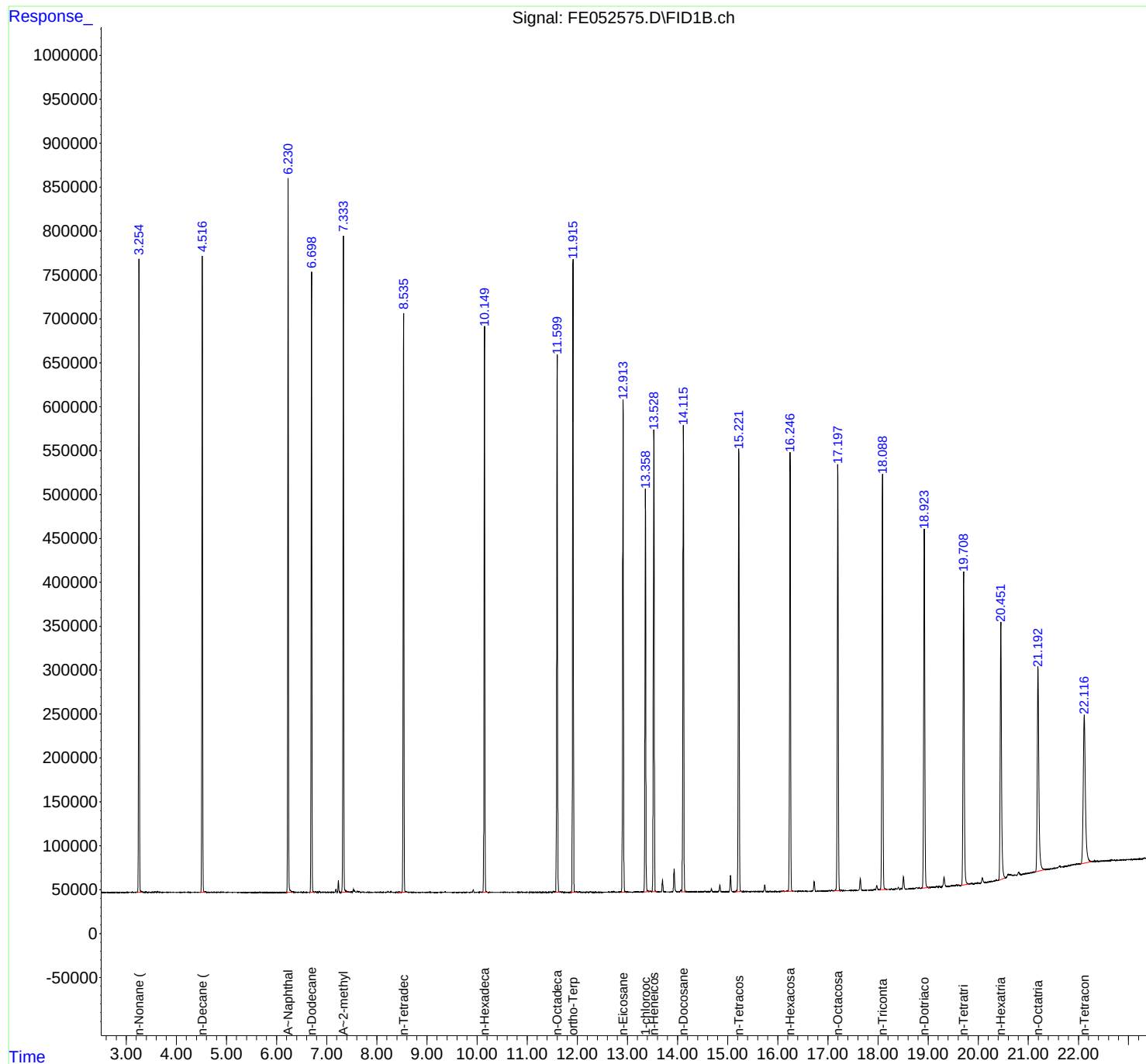
(m)=manual int.

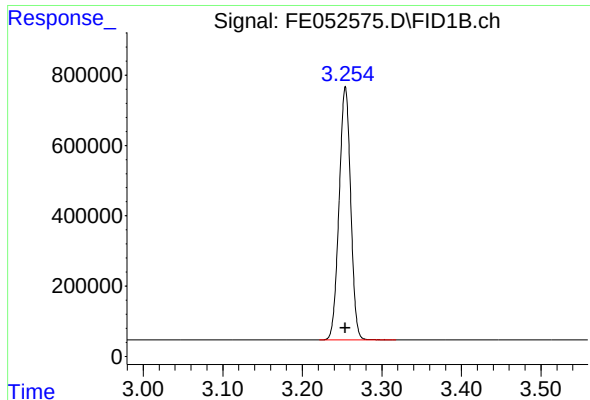
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052575.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 11:34
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Mar 03 12:40:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 12:40:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

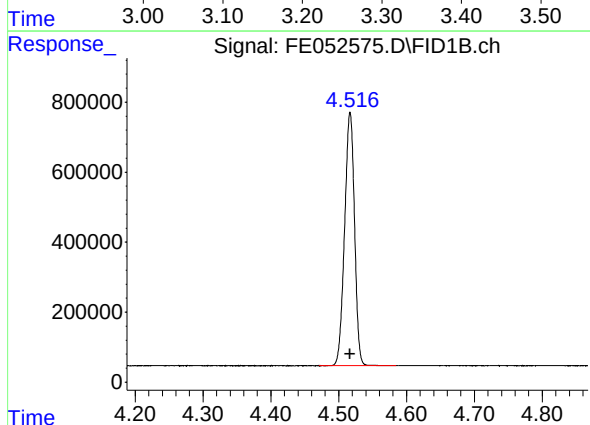




#1 n-Nonane (C9)

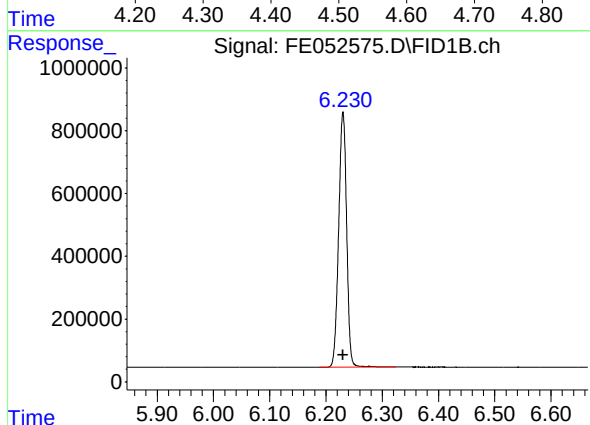
R.T.: 3.254 min
Delta R.T.: 0.000 min
Response: 7262625
Conc: 48.98 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



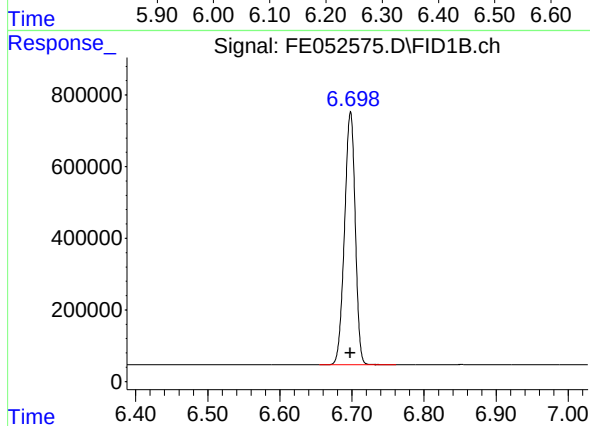
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 7350604
Conc: 48.94 ug/ml



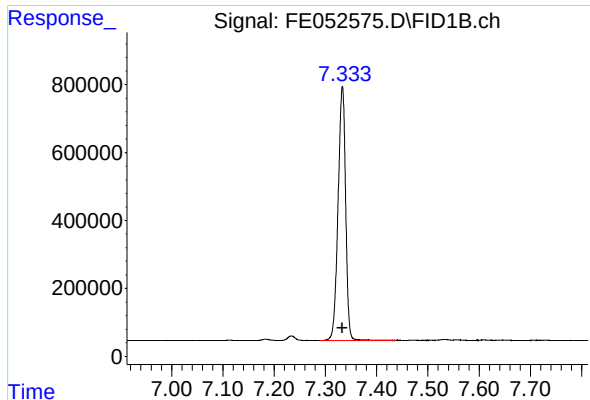
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 8003588
Conc: 49.03 ug/ml



#4 n-Dodecane (C12)

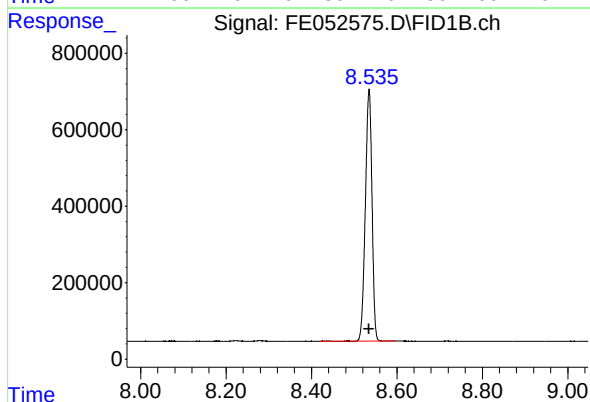
R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 7295684
Conc: 48.96 ug/ml



#5 A~2-methylnaphthalene (C12.89)

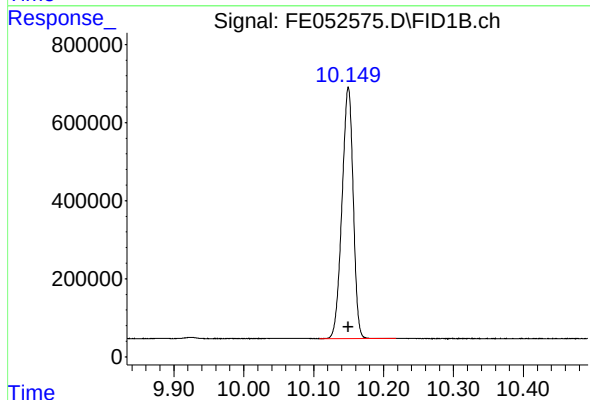
R.T.: 7.333 min
Delta R.T.: 0.000 min
Response: 7667442
Conc: 49.06 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



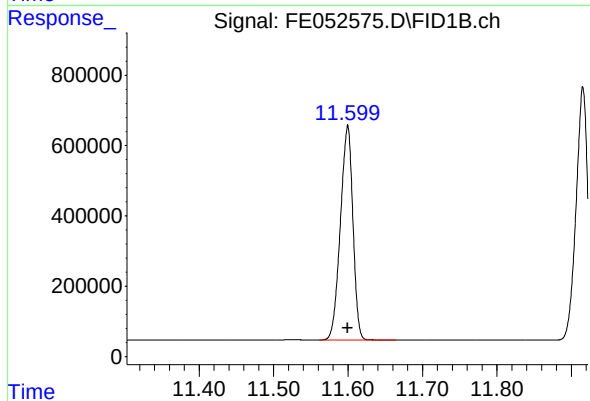
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: 0.000 min
Response: 7087970
Conc: 48.94 ug/ml



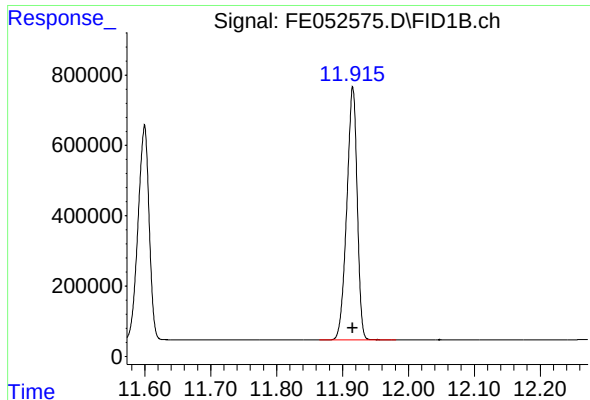
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: 0.000 min
Response: 7163759
Conc: 48.97 ug/ml



#8 n-Octadecane (C18)

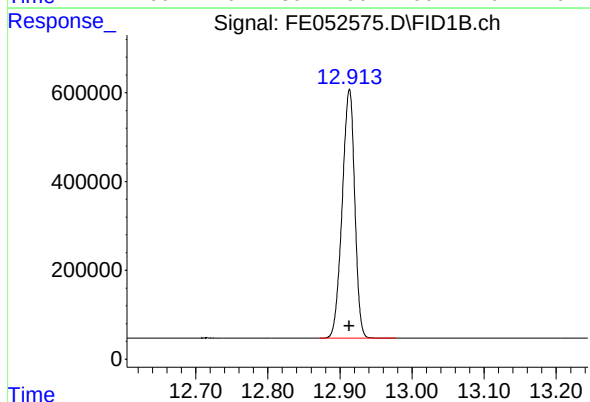
R.T.: 11.599 min
Delta R.T.: 0.000 min
Response: 7114585
Conc: 48.99 ug/ml



#9 ortho-Terphenyl (SURR)

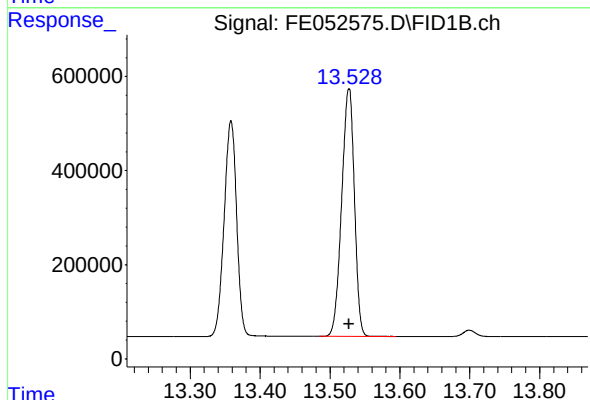
R.T.: 11.915 min
Delta R.T.: 0.000 min
Response: 7890446
Conc: 49.00 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



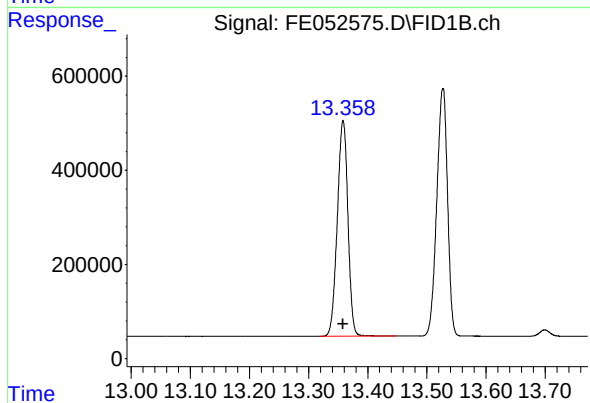
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: 0.000 min
Response: 6790047
Conc: 49.00 ug/ml



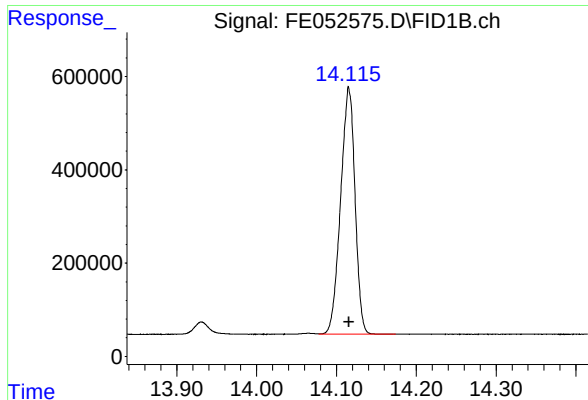
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: 0.000 min
Response: 6654465
Conc: 48.97 ug/ml



#12 1-chlorooctadecane (SURR)

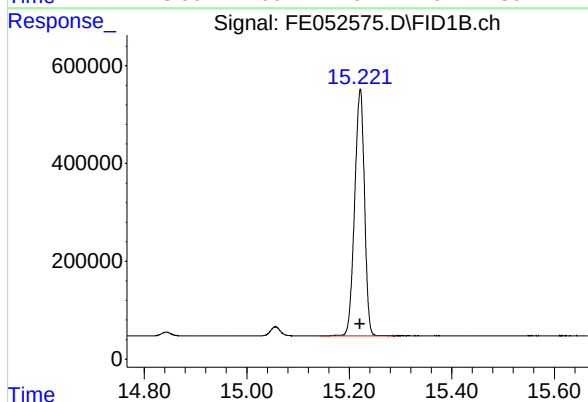
R.T.: 13.358 min
Delta R.T.: 0.000 min
Response: 5721300
Conc: 49.04 ug/ml



#13 n-Docosane (C22)

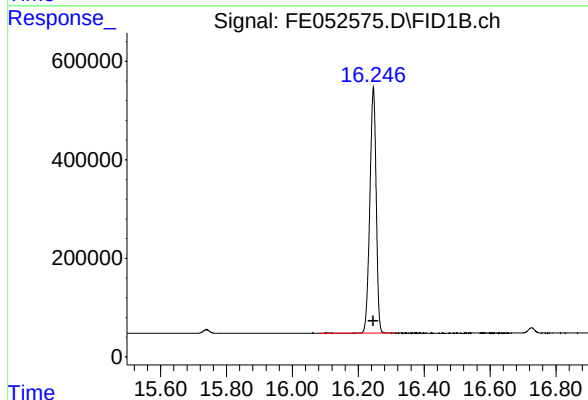
R.T.: 14.115 min
Delta R.T.: 0.000 min
Response: 6651959
Conc: 49.04 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



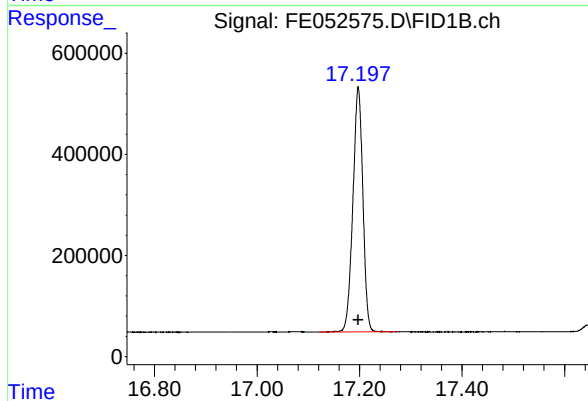
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: 0.000 min
Response: 6697431
Conc: 49.27 ug/ml



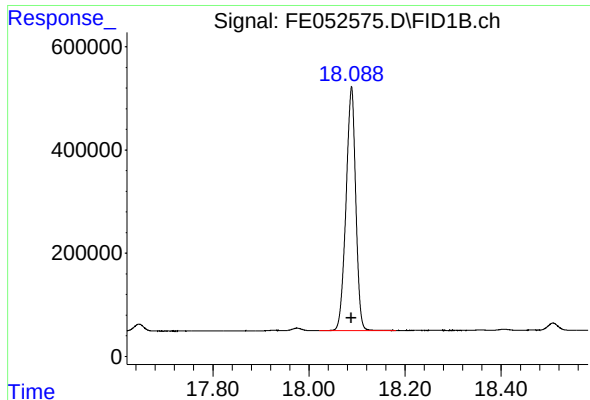
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: 0.000 min
Response: 6641490
Conc: 49.32 ug/ml



#16 n-Octacosane (C28)

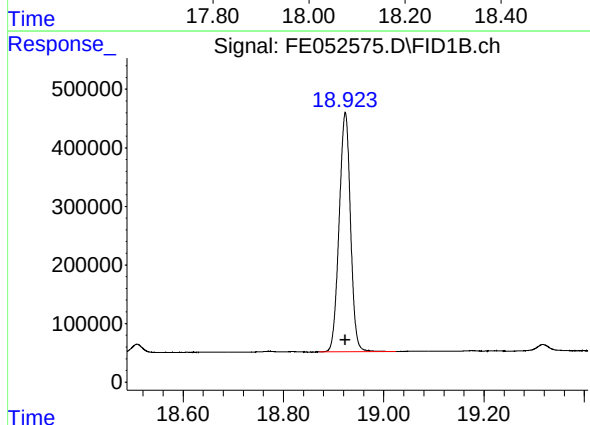
R.T.: 17.198 min
Delta R.T.: 0.000 min
Response: 6557098
Conc: 49.15 ug/ml



#17 n-Tricontane (C30)

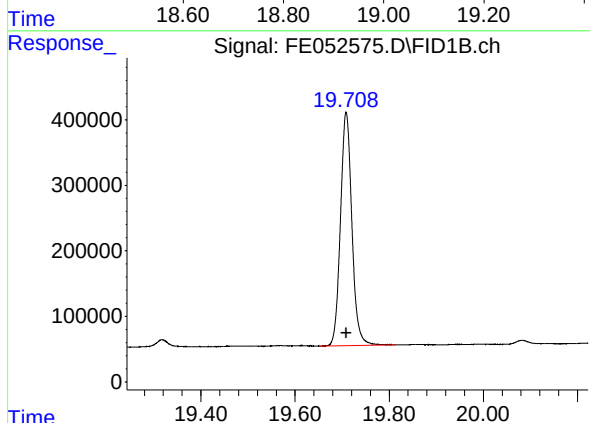
R.T.: 18.088 min
Delta R.T.: 0.000 min
Response: 6637939
Conc: 48.75 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



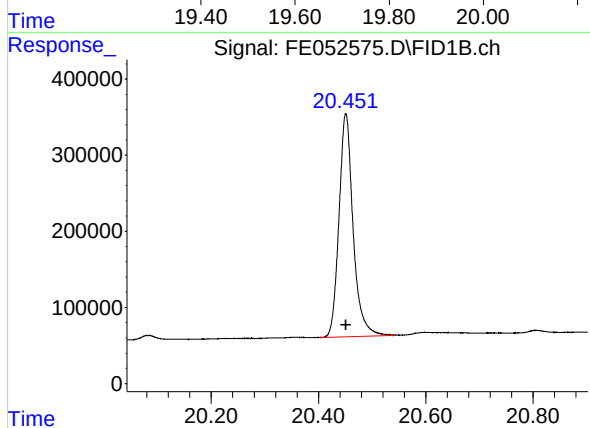
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: 0.000 min
Response: 6417064
Conc: 48.34 ug/ml



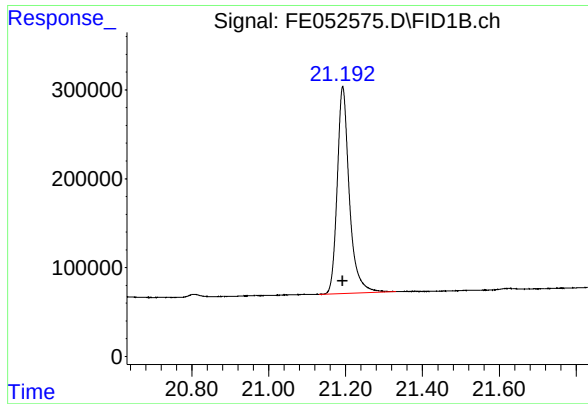
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: 0.000 min
Response: 5988221
Conc: 48.22 ug/ml



#20 n-Hexatriacontane (C36)

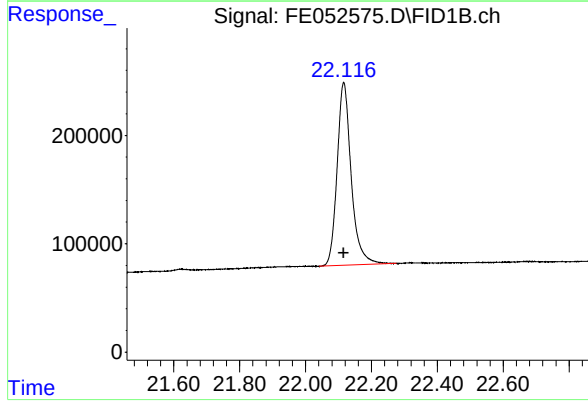
R.T.: 20.451 min
Delta R.T.: 0.000 min
Response: 5353171
Conc: 48.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: 0.000 min
Response: 5101404
Conc: 48.57 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: 0.000 min
Response: 5019598
Conc: 48.80 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052575.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 11:34
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.254	3.221	3.318	BB	720805	7262625	90.74%	4.938%
2	4.517	4.471	4.584	BB	725655	7350604	91.84%	4.998%
3	6.230	6.188	6.324	BB	812229	8003588	100.00%	5.442%
4	6.698	6.654	6.761	BB	705384	7295684	91.16%	4.961%
5	7.333	7.288	7.438	PB	756176	7667442	95.80%	5.214%
6	8.535	8.418	8.598	BB	657816	7087970	88.56%	4.820%
7	10.150	10.108	10.218	BB	647411	7163759	89.51%	4.871%
8	11.599	11.561	11.664	BB	599043	7114585	88.89%	4.838%
9	11.915	11.864	11.981	BB	717321	7890446	98.59%	5.365%
10	12.913	12.871	12.978	BB	565753	6790047	84.84%	4.617%
11	13.358	13.318	13.448	BB	458678	5721300	71.48%	3.890%
12	13.527	13.484	13.594	BB	530789	6654465	83.14%	4.525%
13	14.115	14.078	14.174	VB	526625	6651959	83.11%	4.523%
14	15.221	15.141	15.291	BB	504373	6697431	83.68%	4.554%
15	16.246	16.081	16.314	BB	495717	6641490	82.98%	4.516%
16	17.198	17.121	17.271	BB	483594	6557098	81.93%	4.459%
17	18.088	18.021	18.181	BB	469897	6637939	82.94%	4.514%
18	18.923	18.871	19.024	BB	409189	6417064	80.18%	4.363%
19	19.709	19.651	19.814	BB	357009	5988221	74.82%	4.072%
20	20.451	20.401	20.544	BV	293191	5353171	66.88%	3.640%
21	21.193	21.131	21.331	BB	232996	5101404	63.74%	3.469%
22	22.116	22.041	22.274	BV	168917	5019598	62.72%	3.413%
Sum of corrected areas:						147067888		

Aliphatic EPH 030325.M Tue Mar 04 04:14:28 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
 Data File : FE052576.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2025 12:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Mar 03 12:32:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 12:32:42 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.910	3456693	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.355	2487317	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.253	3177459	20.000 ug/ml
2) T n-Decane (C10)	4.514	3222867	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3490467	20.000 ug/ml
4) T n-Dodecane (C12)	6.696	3197479	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.330	3336499	20.000 ug/ml
6) T n-Tetradecane (C14)	8.531	3109866	20.000 ug/ml
7) T n-Hexadecane (C16)	10.146	3140454	20.000 ug/ml
8) T n-Octadecane (C18)	11.595	3118030	20.000 ug/ml
10) T n-Eicosane (C20)	12.909	2974997	20.000 ug/ml
11) T n-Heneicosane (C21)	13.523	2917184	20.000 ug/ml
13) T n-Docosane (C22)	14.111	2918322	20.000 ug/ml
14) T n-Tetracosane (C24)	15.217	2924292	20.000 ug/ml
15) T n-Hexacosane (C26)	16.242	2899563	20.000 ug/ml
16) T n-Octacosane (C28)	17.194	2897161	20.000 ug/ml
17) T n-Tricontane (C30)	18.085	2992644	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.920	2947304	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.706	2747820	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.448	2440276	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.189	2284145	20.000 ug/ml
22) T n-Tetracontane (C40)	22.109	2217832	20.000 ug/ml

(f)=RT Delta > 1/2 Window

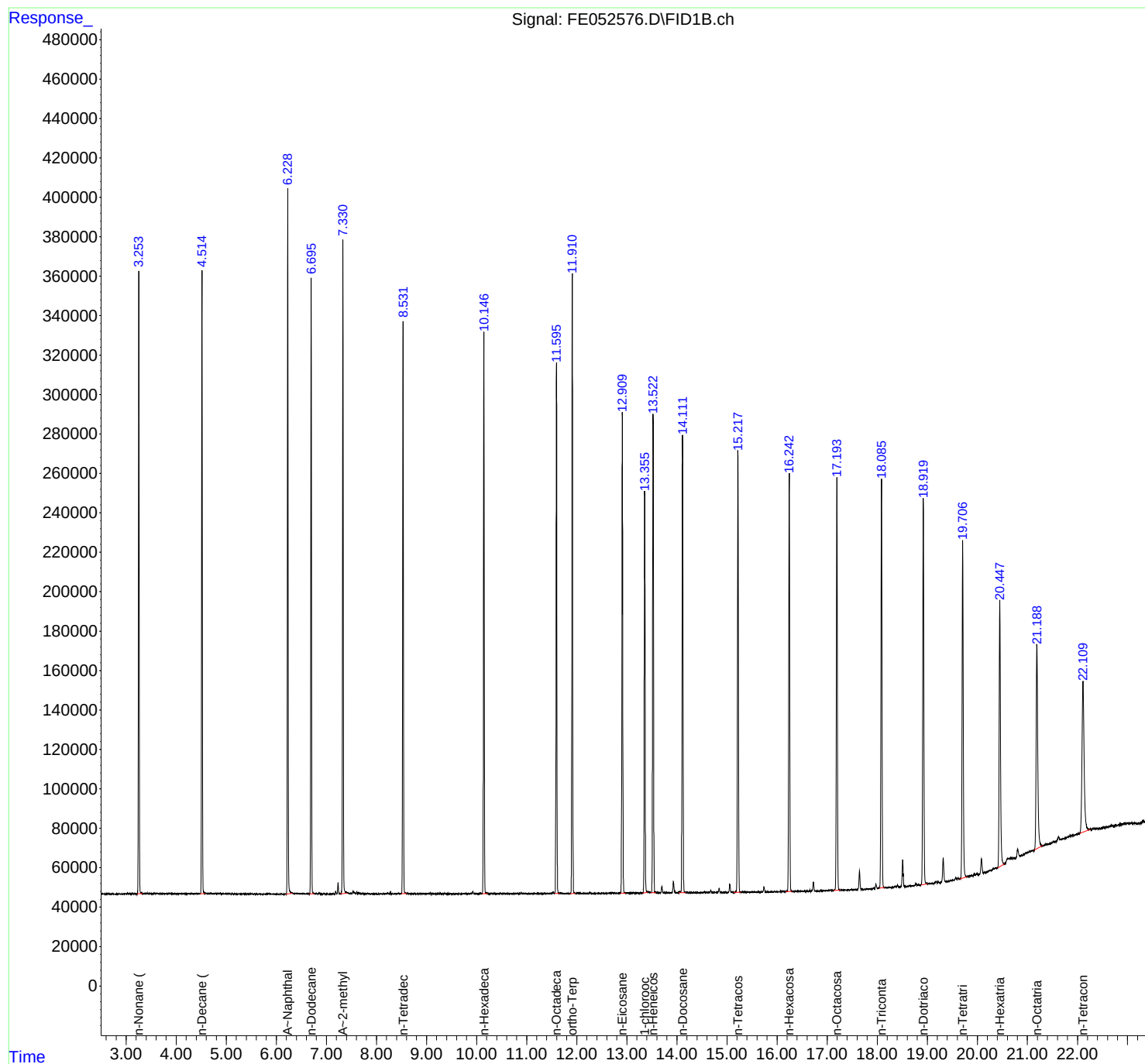
(m)=manual int.

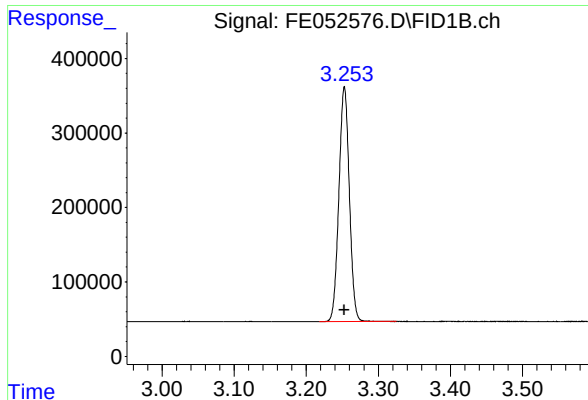
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052576.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 12:04
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Mar 03 12:32:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 12:32:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

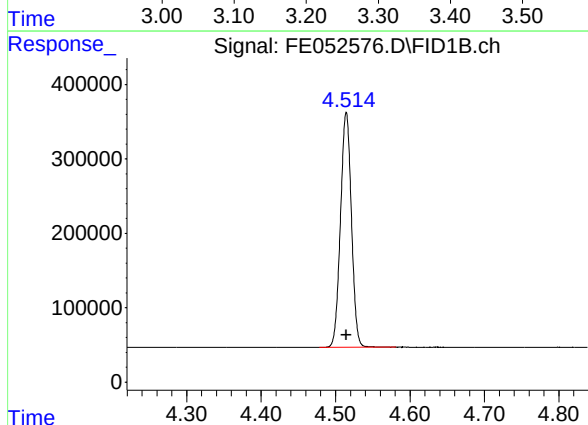




#1 n-Nonane (C9)

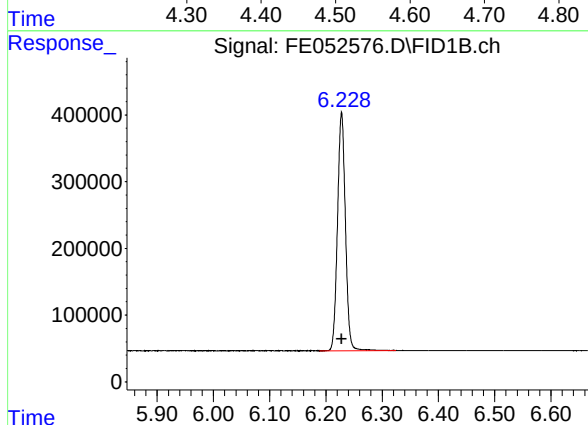
R.T.: 3.253 min
Delta R.T.: 0.000 min
Response: 3177459
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



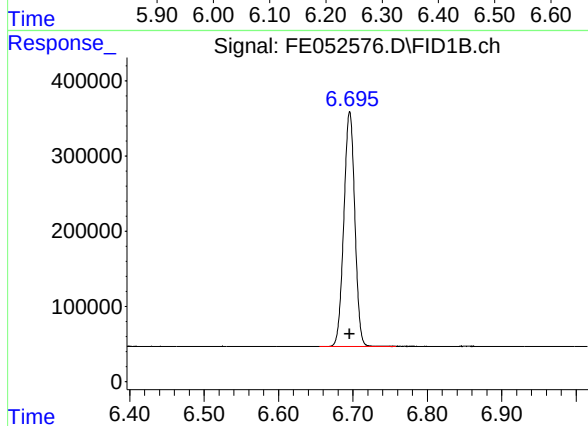
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 3222867
Conc: 20.00 ug/ml



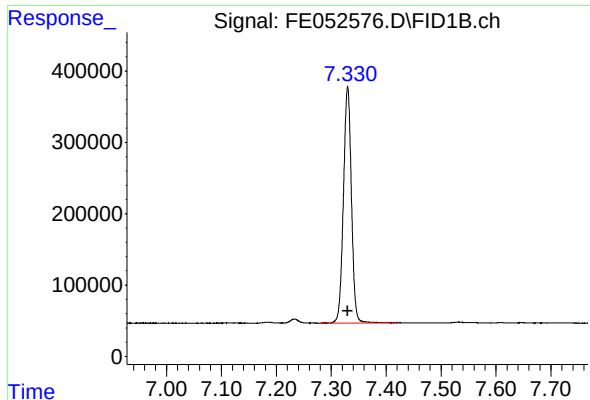
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 3490467
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

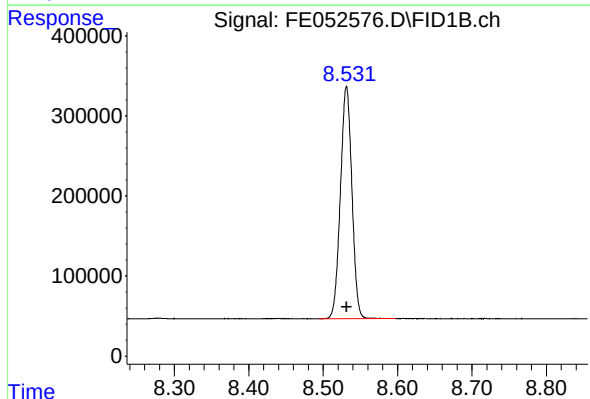
R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 3197479
Conc: 20.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

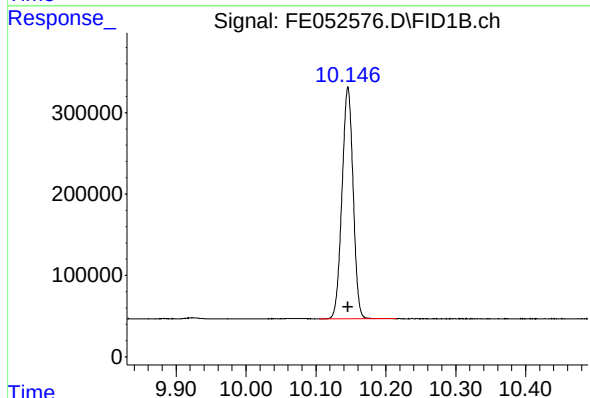
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 3336499
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



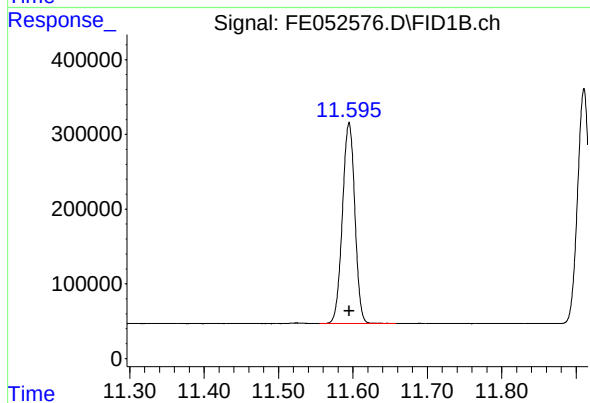
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 3109866
Conc: 20.00 ug/ml



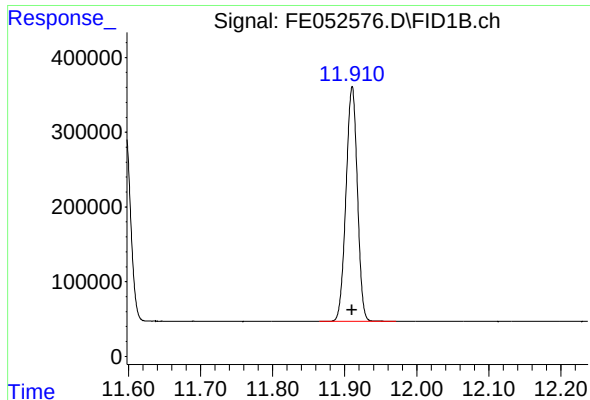
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: 0.000 min
Response: 3140454
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

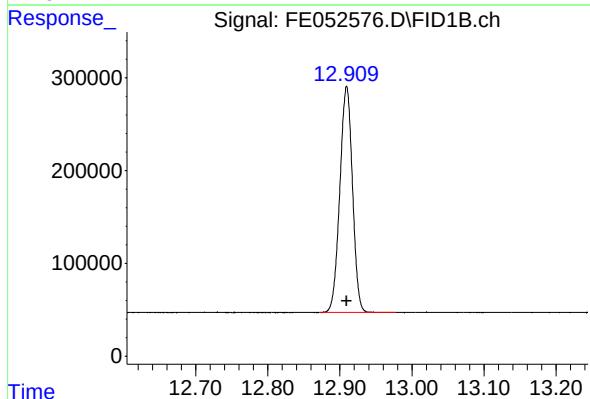
R.T.: 11.595 min
Delta R.T.: 0.000 min
Response: 3118030
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

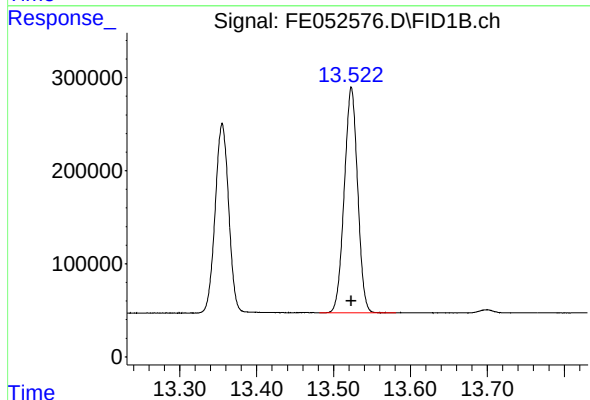
R.T.: 11.910 min
Delta R.T.: 0.000 min
Response: 3456693
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



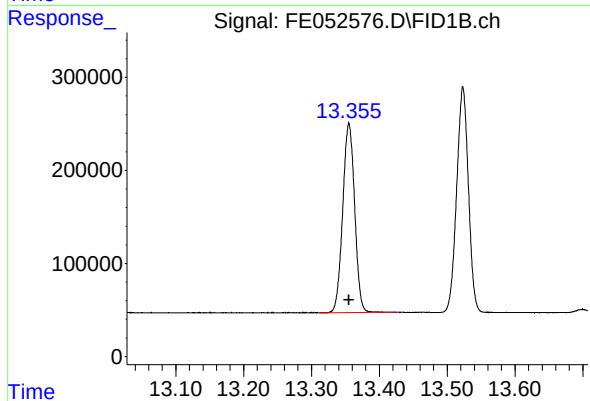
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 2974997
Conc: 20.00 ug/ml



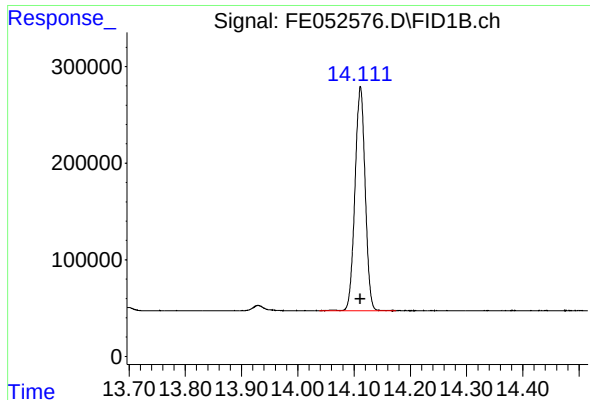
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.000 min
Response: 2917184
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

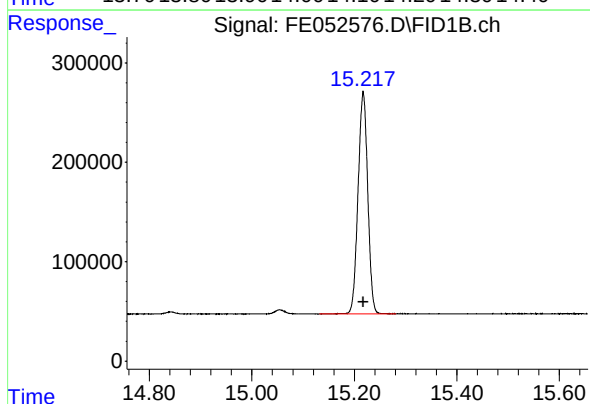
R.T.: 13.355 min
Delta R.T.: 0.000 min
Response: 2487317
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

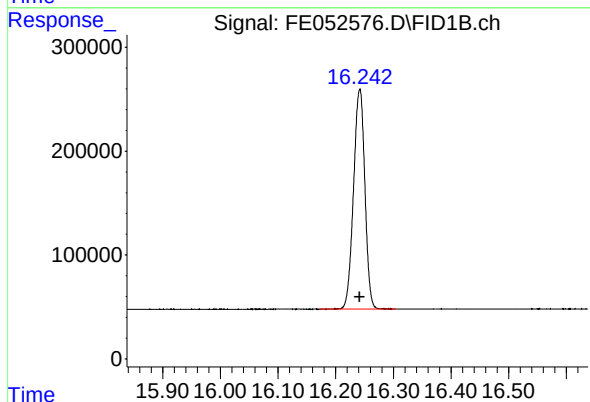
R.T.: 14.111 min
Delta R.T.: 0.000 min
Response: 2918322
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



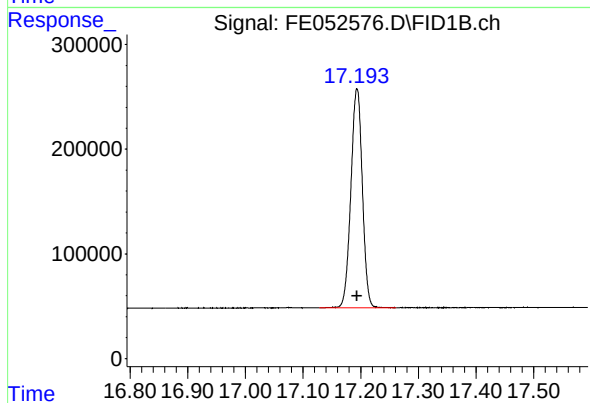
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: 0.000 min
Response: 2924292
Conc: 20.00 ug/ml



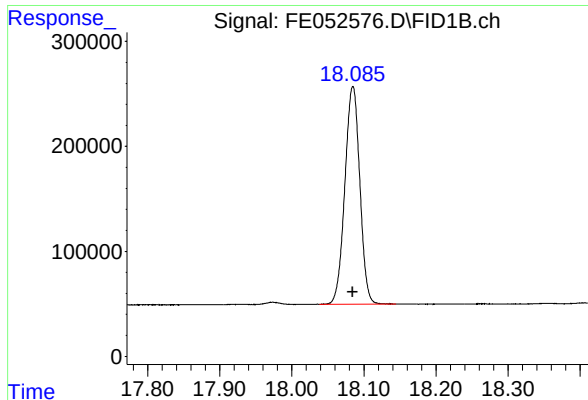
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: 0.000 min
Response: 2899563
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

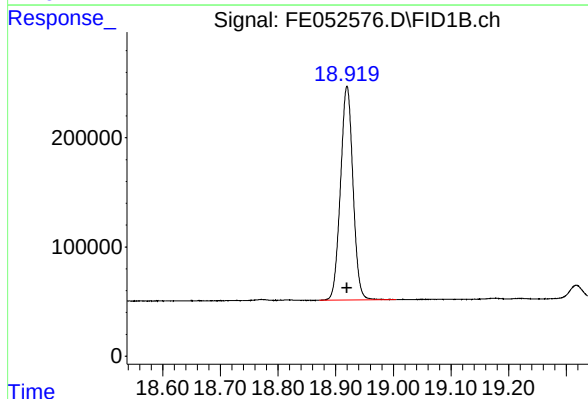
R.T.: 17.194 min
Delta R.T.: 0.000 min
Response: 2897161
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

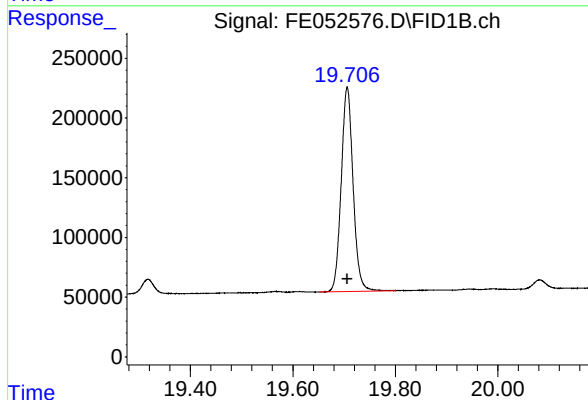
R.T.: 18.085 min
Delta R.T.: 0.000 min
Response: 2992644
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



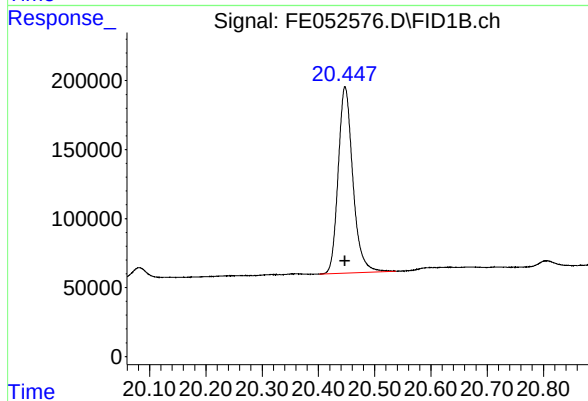
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: 0.000 min
Response: 2947304
Conc: 20.00 ug/ml



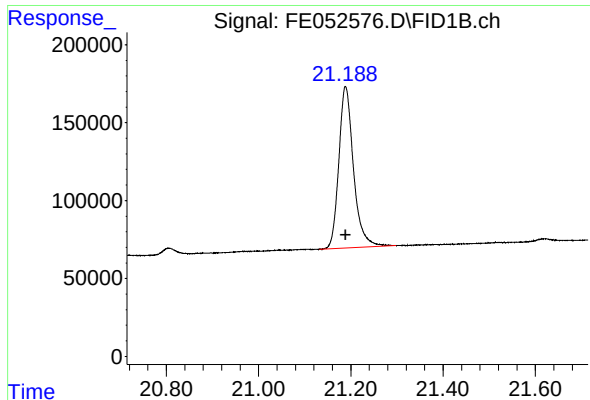
#19 n-Tetatriacontane (C34)

R.T.: 19.706 min
Delta R.T.: 0.000 min
Response: 2747820
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

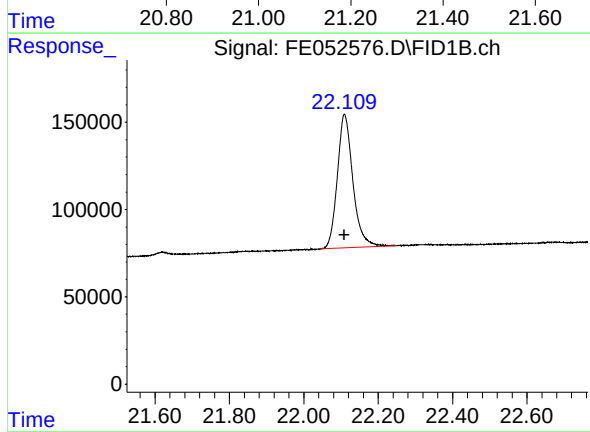
R.T.: 20.448 min
Delta R.T.: 0.000 min
Response: 2440276
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: 0.000 min
Response: 2284145
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.109 min
Delta R.T.: 0.000 min
Response: 2217832
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052576.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 12:04
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.253	3.218	3.325	BB	314137	3177459	91.03%	4.896%
2	4.514	4.478	4.581	BB	315822	3222867	92.33%	4.966%
3	6.228	6.188	6.325	BB	355761	3490467	100.00%	5.378%
4	6.696	6.655	6.758	BB	311337	3197479	91.61%	4.927%
5	7.330	7.278	7.418	BB	331214	3336499	95.59%	5.141%
6	8.531	8.495	8.598	BB	289879	3109866	89.10%	4.792%
7	10.146	10.105	10.215	BB	282742	3140454	89.97%	4.839%
8	11.595	11.555	11.658	BB	268071	3118030	89.33%	4.804%
9	11.910	11.865	11.971	BB	315131	3456693	99.03%	5.326%
10	12.909	12.871	12.978	BB	241865	2974997	85.23%	4.584%
11	13.355	13.311	13.425	BB	202368	2487317	71.26%	3.833%
12	13.523	13.481	13.581	BB	241268	2917184	83.58%	4.495%
13	14.111	14.038	14.175	BB	232061	2918322	83.61%	4.497%
14	15.217	15.131	15.281	BB	222983	2924292	83.78%	4.506%
15	16.242	16.171	16.305	BB	211679	2899563	83.07%	4.468%
16	17.194	17.128	17.261	BB	210130	2897161	83.00%	4.464%
17	18.085	18.038	18.145	BB	207605	2992644	85.74%	4.611%
18	18.920	18.871	19.005	BB	195997	2947304	84.44%	4.541%
19	19.706	19.651	19.801	BB	170743	2747820	78.72%	4.234%
20	20.448	20.401	20.538	BV	134980	2440276	69.91%	3.760%
21	21.189	21.131	21.298	BB	103725	2284145	65.44%	3.520%
22	22.109	22.041	22.248	BB	76593	2217832	63.54%	3.417%
Sum of corrected areas:							64898671	

Aliphatic EPH 030325.M Tue Mar 04 04:15:00 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
 Data File : FE052577.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2025 12:34
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Mar 03 12:57:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 12:57:44 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.909	1779109	10.765 ug/ml
Spiked Amount 50.000		Recovery =	21.53%
12) S 1-chlorooctadecane (S...	13.354	1275538	10.683 ug/ml
Spiked Amount 50.000		Recovery =	21.37%
Target Compounds			
1) T n-Nonane (C9)	3.253	1633896	10.746 ug/ml
2) T n-Decane (C10)	4.514	1652277	10.732 ug/ml
3) T A~Naphthalene (C11.7)	6.228	1784418	10.682 ug/ml
4) T n-Dodecane (C12)	6.695	1640160	10.736 ug/ml
5) T A~2-methylnaphthalene...	7.330	1702988	10.657 ug/ml
6) T n-Tetradecane (C14)	8.531	1594378	10.737 ug/ml
7) T n-Hexadecane (C16)	10.145	1610203	10.737 ug/ml
8) T n-Octadecane (C18)	11.594	1601994	10.753 ug/ml
10) T n-Eicosane (C20)	12.909	1536447	10.794 ug/ml
11) T n-Heneicosane (C21)	13.522	1502197	10.771 ug/ml
13) T n-Docosane (C22)	14.111	1511879	10.835 ug/ml
14) T n-Tetracosane (C24)	15.218	1545839	10.994 ug/ml
15) T n-Hexacosane (C26)	16.242	1542744	11.054 ug/ml
16) T n-Octacosane (C28)	17.194	1547735	11.154 ug/ml
17) T n-Tricontane (C30)	18.083	1607077	11.294 ug/ml
18) T n-Dotriacontane (C32)	18.918	1583504	11.380 ug/ml
19) T n-Tetratriacontane (C34)	19.705	1456233	11.241 ug/ml
20) T n-Hexatriacontane (C36)	20.447	1283640	11.138 ug/ml
21) T n-Octatriacontane (C38)	21.188	1168118	10.818 ug/ml
22) T n-Tetracontane (C40)	22.109	1142101	10.805 ug/ml

(f)=RT Delta > 1/2 Window

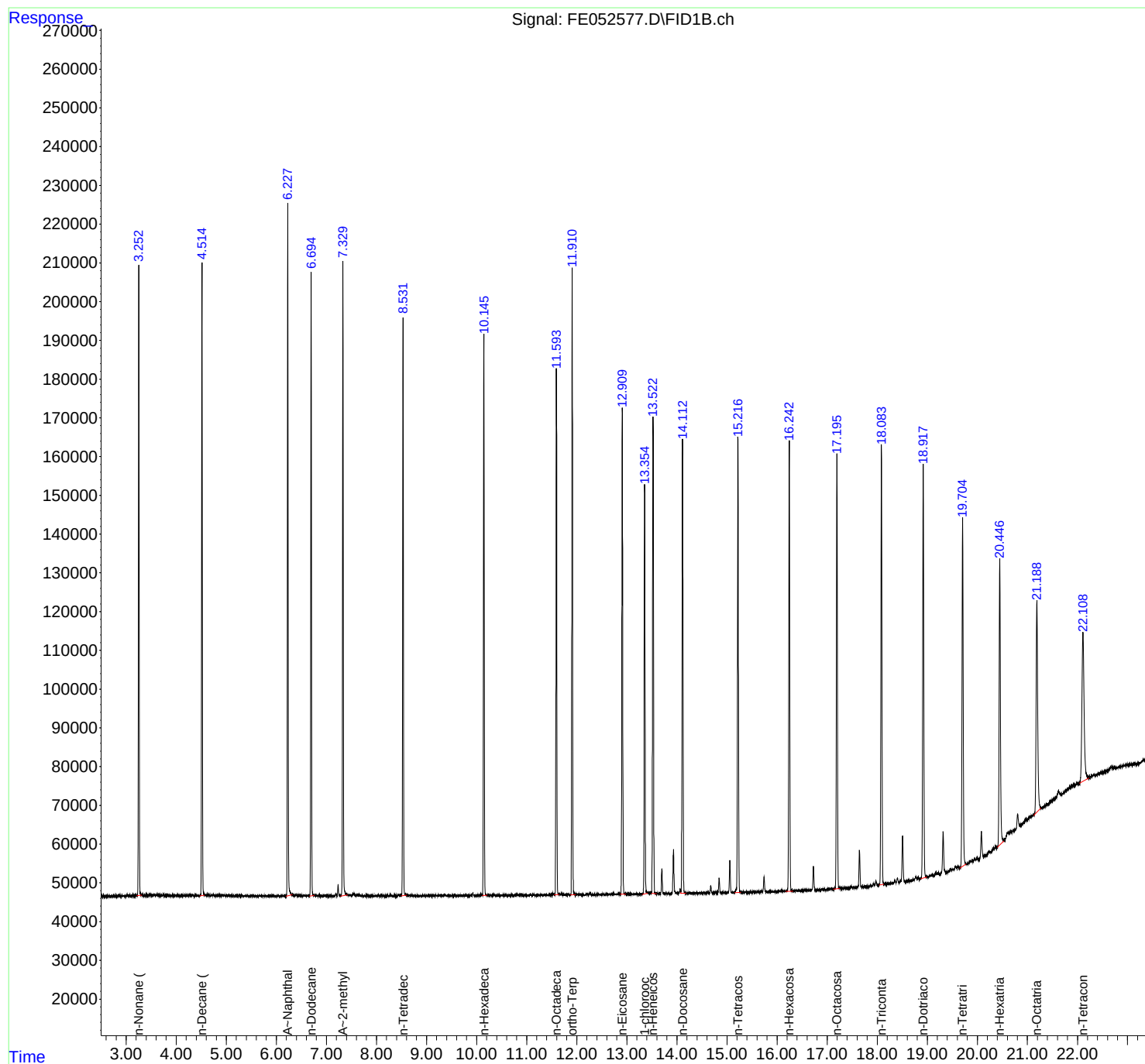
(m)=manual int.

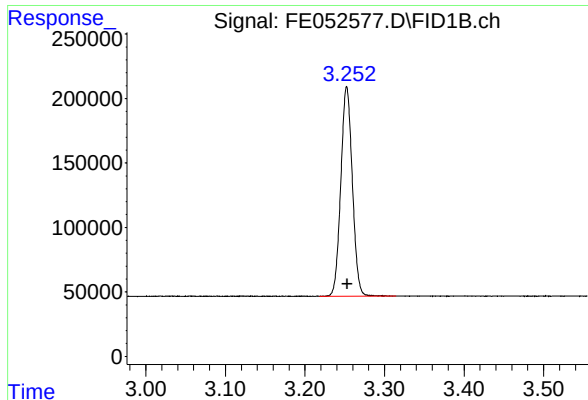
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052577.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 12:34
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Mar 03 12:57:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 12:57:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

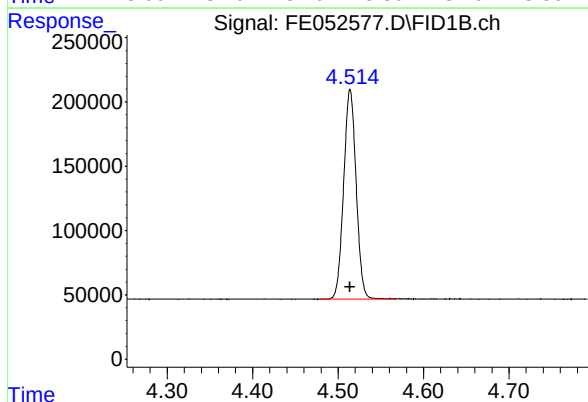




#1 n-Nonane (C9)

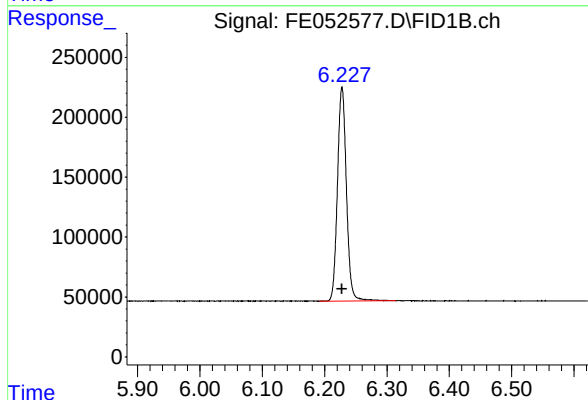
R.T.: 3.253 min
Delta R.T.: 0.000 min
Response: 1633896
Conc: 10.75 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



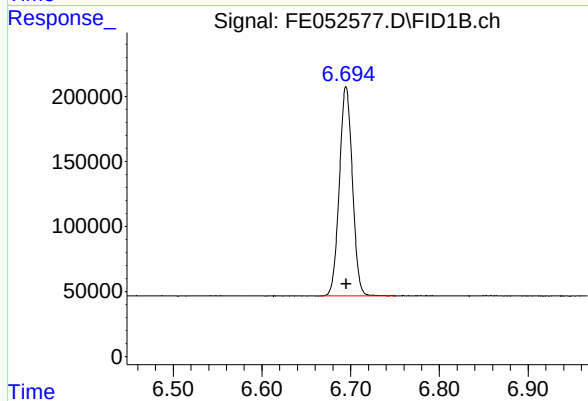
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 1652277
Conc: 10.73 ug/ml



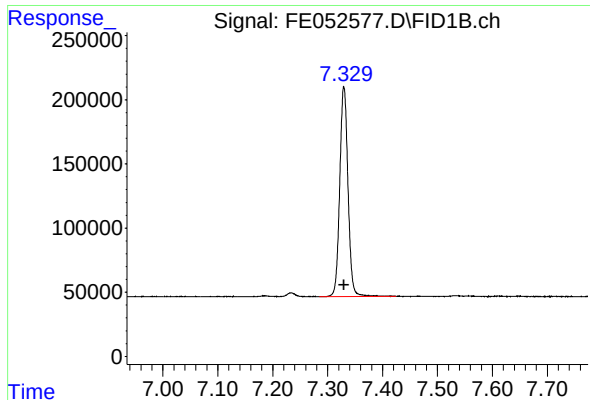
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 1784418
Conc: 10.68 ug/ml



#4 n-Dodecane (C12)

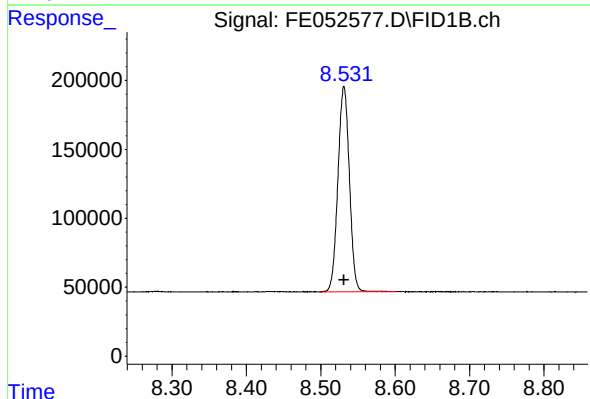
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 1640160
Conc: 10.74 ug/ml



#5 A~2-methylnaphthalene (C12.89)

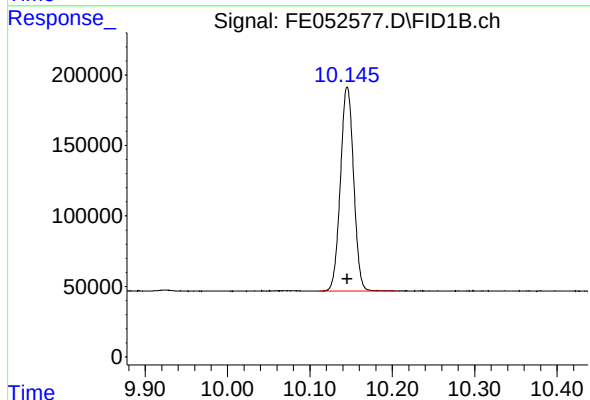
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 1702988
Conc: 10.66 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



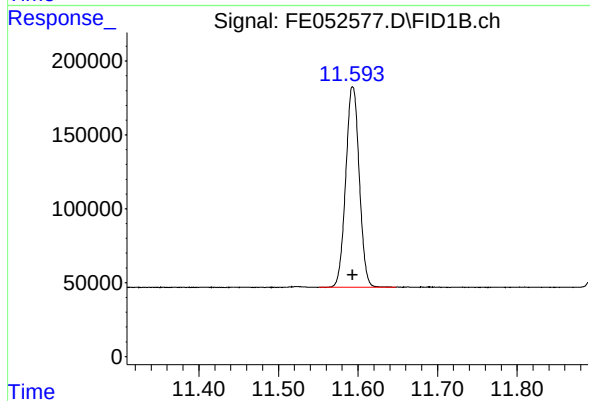
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 1594378
Conc: 10.74 ug/ml



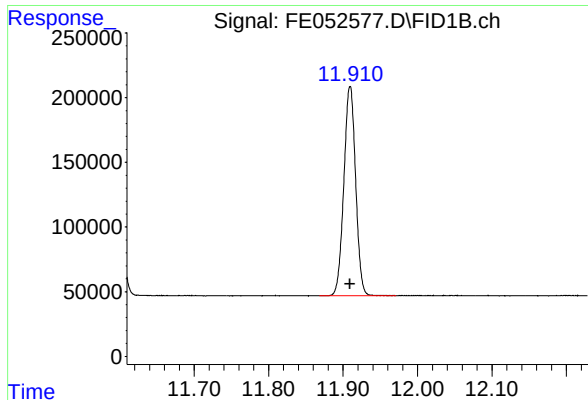
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: 0.000 min
Response: 1610203
Conc: 10.74 ug/ml



#8 n-Octadecane (C18)

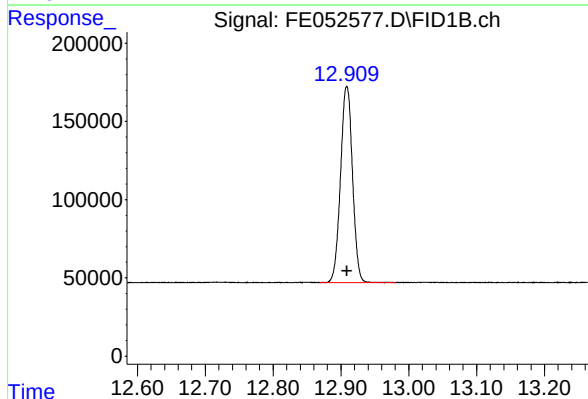
R.T.: 11.594 min
Delta R.T.: 0.000 min
Response: 1601994
Conc: 10.75 ug/ml



#9 ortho-Terphenyl (SURR)

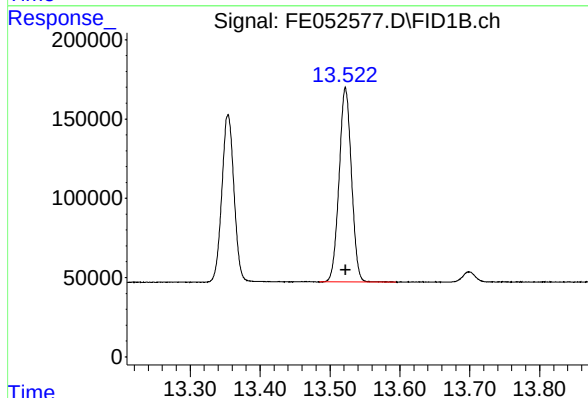
R.T.: 11.909 min
Delta R.T.: 0.000 min
Response: 1779109
Conc: 10.77 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



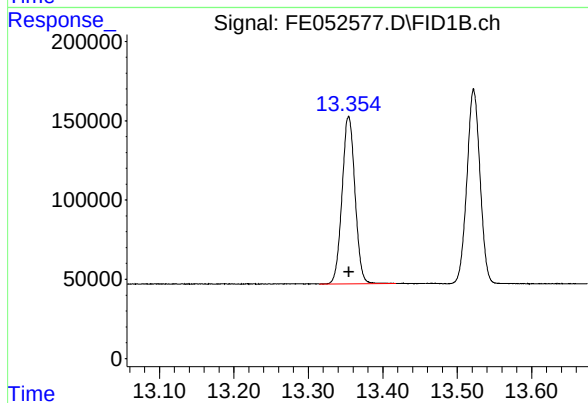
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 1536447
Conc: 10.79 ug/ml



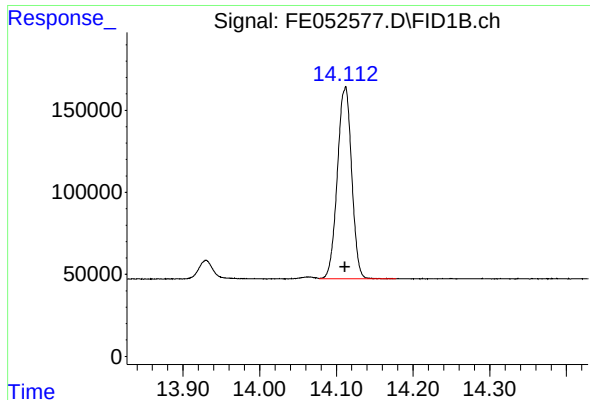
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 1502197
Conc: 10.77 ug/ml



#12 1-chlorooctadecane (SURR)

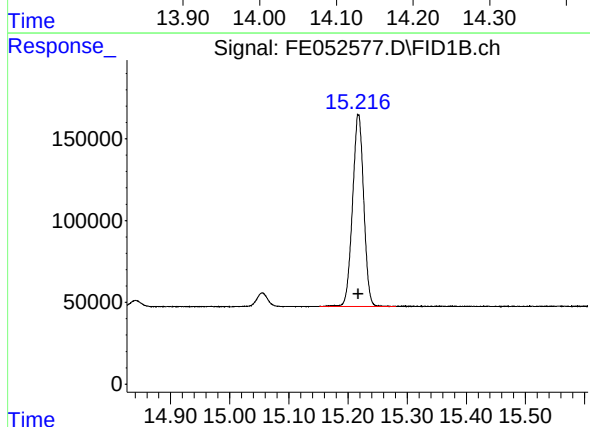
R.T.: 13.354 min
Delta R.T.: 0.000 min
Response: 1275538
Conc: 10.68 ug/ml



#13 n-Docosane (C22)

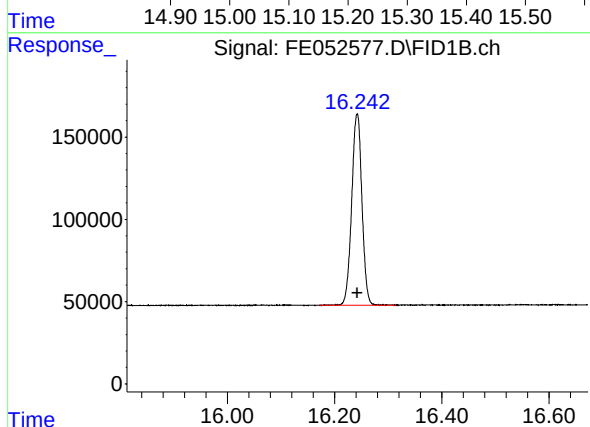
R.T.: 14.111 min
Delta R.T.: 0.000 min
Response: 1511879
Conc: 10.84 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



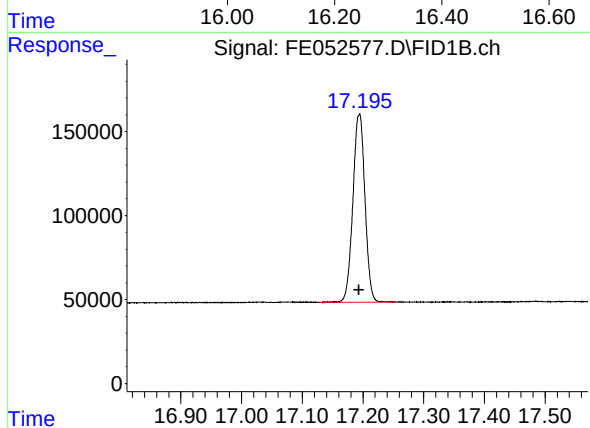
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: 0.000 min
Response: 1545839
Conc: 10.99 ug/ml



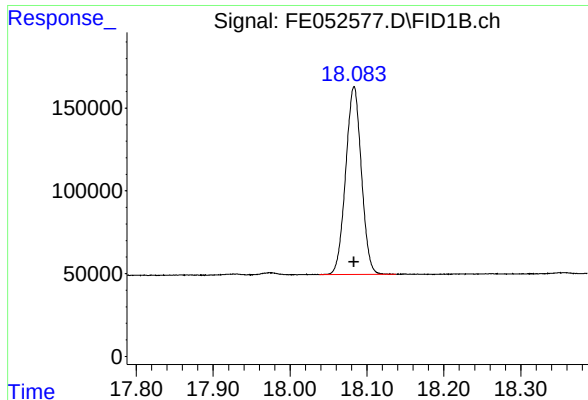
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: 0.000 min
Response: 1542744
Conc: 11.05 ug/ml



#16 n-Octacosane (C28)

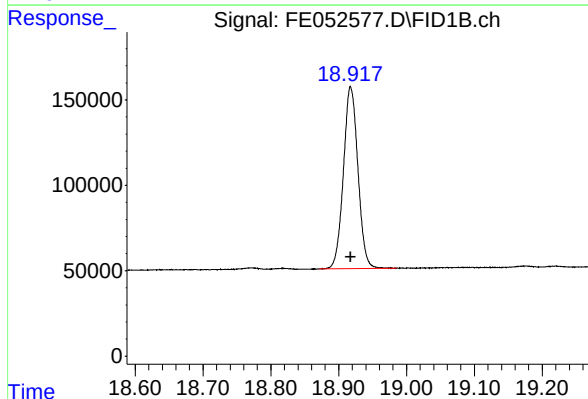
R.T.: 17.194 min
Delta R.T.: 0.000 min
Response: 1547735
Conc: 11.15 ug/ml



#17 n-Tricontane (C30)

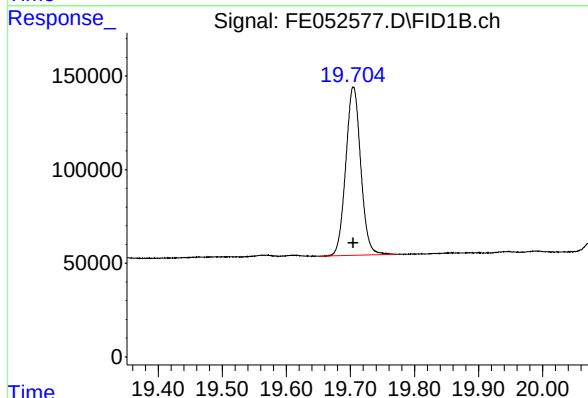
R.T.: 18.083 min
Delta R.T.: 0.000 min
Response: 1607077
Conc: 11.29 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



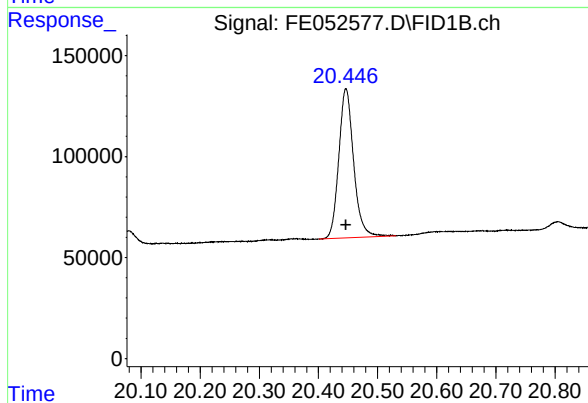
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.000 min
Response: 1583504
Conc: 11.38 ug/ml



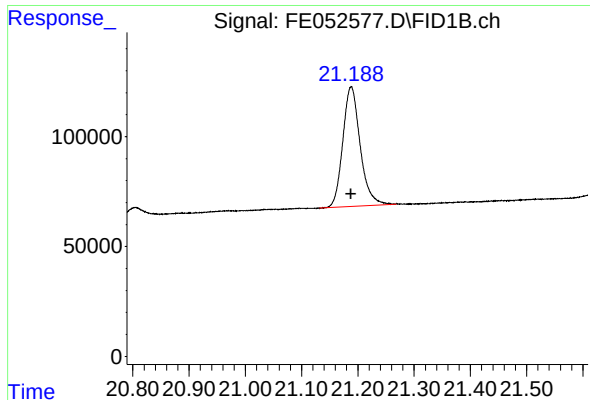
#19 n-Tetatriacontane (C34)

R.T.: 19.705 min
Delta R.T.: 0.000 min
Response: 1456233
Conc: 11.24 ug/ml



#20 n-Hexatriacontane (C36)

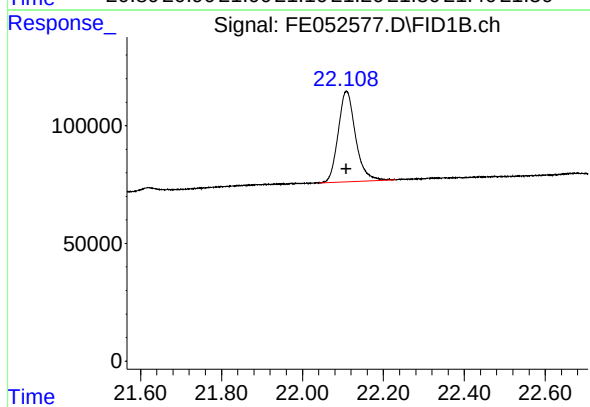
R.T.: 20.447 min
Delta R.T.: 0.000 min
Response: 1283640
Conc: 11.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: 0.000 min
Response: 1168118
Conc: 10.82 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.109 min
Delta R.T.: 0.000 min
Response: 1142101
Conc: 10.81 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052577.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 12:34
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.253	3.218	3.314	BB	161729	1633896	91.56%	4.848%
2	4.514	4.478	4.568	BB	162683	1652277	92.59%	4.903%
3	6.228	6.191	6.314	BB	178423	1784418	100.00%	5.295%
4	6.695	6.664	6.751	BB	160841	1640160	91.92%	4.867%
5	7.330	7.284	7.424	BB	162983	1702988	95.44%	5.053%
6	8.531	8.498	8.601	BB	148819	1594378	89.35%	4.731%
7	10.145	10.111	10.204	BB	145207	1610203	90.24%	4.778%
8	11.594	11.551	11.648	BB	135761	1601994	89.78%	4.753%
9	11.909	11.868	11.971	BB	162025	1779109	99.70%	5.279%
10	12.909	12.868	12.981	BB	125833	1536447	86.10%	4.559%
11	13.354	13.314	13.418	BB	105376	1275538	71.48%	3.785%
12	13.522	13.484	13.594	BB	122287	1502197	84.18%	4.457%
13	14.111	14.078	14.178	VB	116146	1511879	84.73%	4.486%
14	15.218	15.151	15.281	BB	117810	1545839	86.63%	4.587%
15	16.242	16.171	16.314	BB	116219	1542744	86.46%	4.578%
16	17.194	17.128	17.254	BB	112172	1547735	86.74%	4.592%
17	18.083	18.038	18.138	BB	113962	1607077	90.06%	4.768%
18	18.918	18.871	18.984	BB	106365	1583504	88.74%	4.698%
19	19.705	19.651	19.771	BB	90061	1456233	81.61%	4.321%
20	20.447	20.401	20.531	BB	73836	1283640	71.94%	3.809%
21	21.188	21.131	21.268	BB	54530	1168118	65.46%	3.466%
22	22.109	22.041	22.231	BB	38465	1142101	64.00%	3.389%
Sum of corrected areas:							33702476	

Aliphatic EPH 030325.M Tue Mar 04 04:15:29 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
 Data File : FE052578.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2025 13:04
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Mar 03 13:38:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:37:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.909	909430	5.394 ug/ml
Spiked Amount 50.000		Recovery =	10.79%
12) S 1-chlorooctadecane (S...	13.354	647768	5.335 ug/ml
Spiked Amount 50.000		Recovery =	10.67%
Target Compounds			
1) T n-Nonane (C9)	3.252	835200	5.387 ug/ml
2) T n-Decane (C10)	4.514	848233	5.399 ug/ml
3) T A~Naphthalene (C11.7)	6.228	898827	5.300 ug/ml
4) T n-Dodecane (C12)	6.695	837084	5.376 ug/ml
5) T A~2-methylnaphthalene...	7.330	855434	5.279 ug/ml
6) T n-Tetradecane (C14)	8.531	812990	5.373 ug/ml
7) T n-Hexadecane (C16)	10.145	822877	5.382 ug/ml
8) T n-Octadecane (C18)	11.593	823940	5.416 ug/ml
10) T n-Eicosane (C20)	12.908	782621	5.391 ug/ml
11) T n-Heneicosane (C21)	13.522	768847	5.402 ug/ml
13) T n-Docosane (C22)	14.110	767013	5.390 ug/ml
14) T n-Tetracosane (C24)	15.216	765651	5.350 ug/ml
15) T n-Hexacosane (C26)	16.241	763577	5.370 ug/ml
16) T n-Octacosane (C28)	17.192	779784	5.484 ug/ml
17) T n-Tricontane (C30)	18.083	846559	5.732 ug/ml
18) T n-Dotriacontane (C32)	18.917	846558	5.831 ug/ml
19) T n-Tetratriacontane (C34)	19.703	778580	5.777 ug/ml
20) T n-Hexatriacontane (C36)	20.445	665672	5.602 ug/ml
21) T n-Octatriacontane (C38)	21.185	613739	5.532 ug/ml
22) T n-Tetracontane (C40)	22.104	588940	5.447 ug/ml

(f)=RT Delta > 1/2 Window

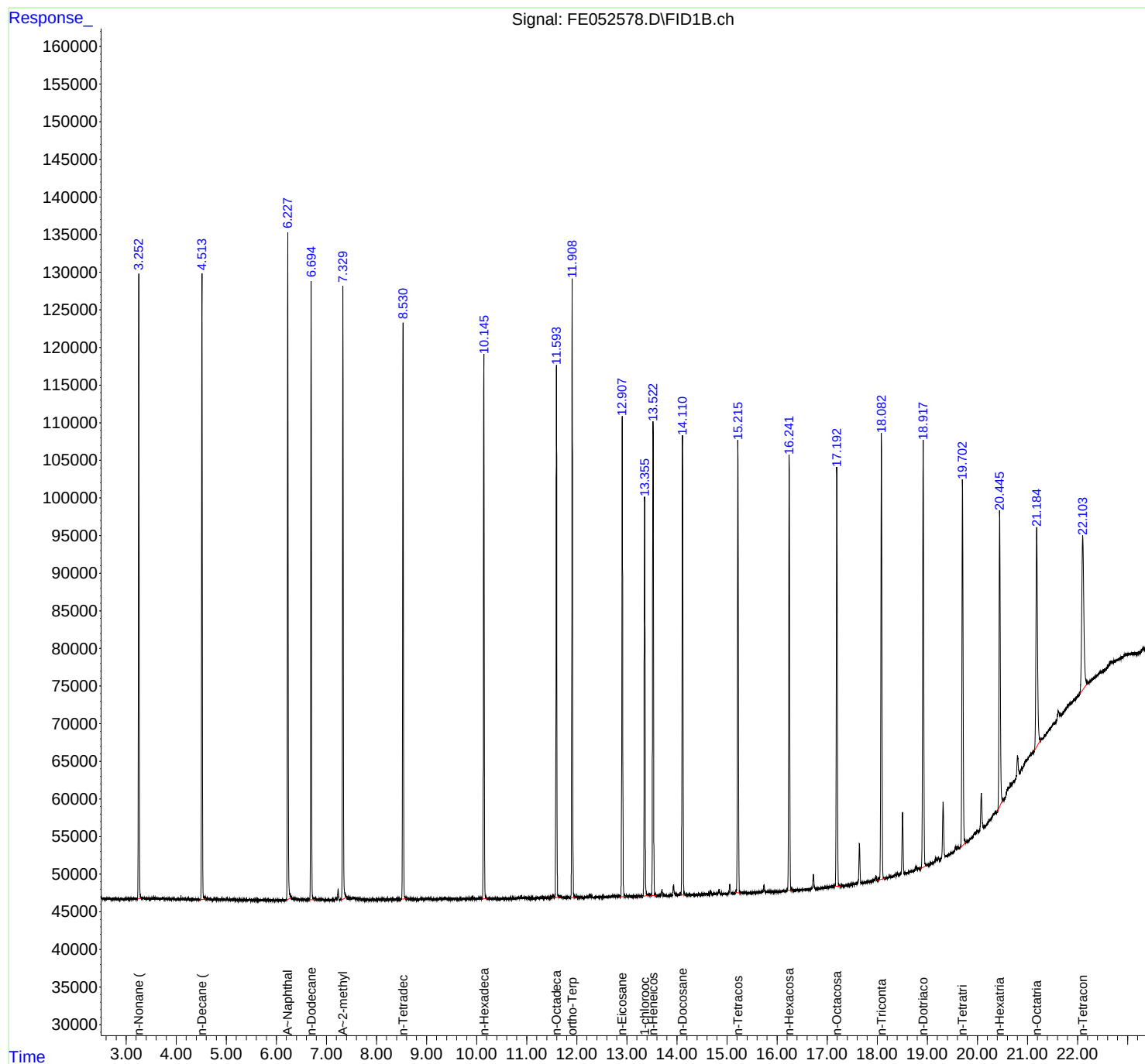
(m)=manual int.

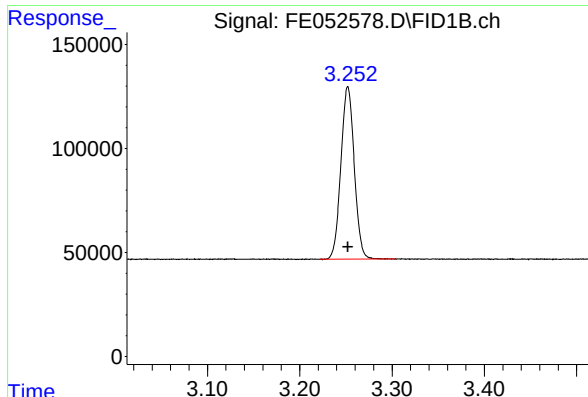
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052578.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 13:04
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Mar 03 13:38:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:37:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

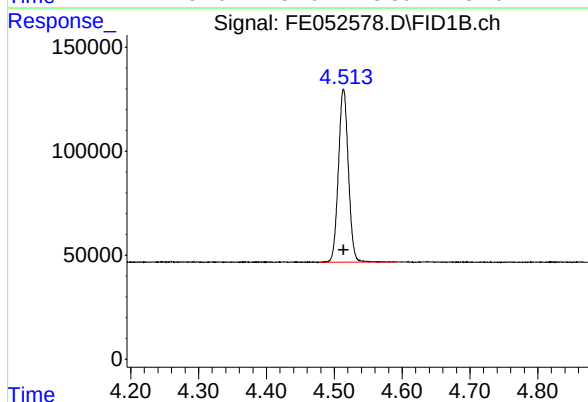




#1 n-Nonane (C9)

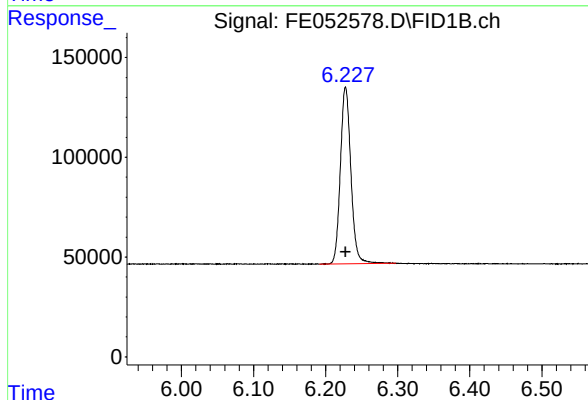
R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 835200
Conc: 5.39 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



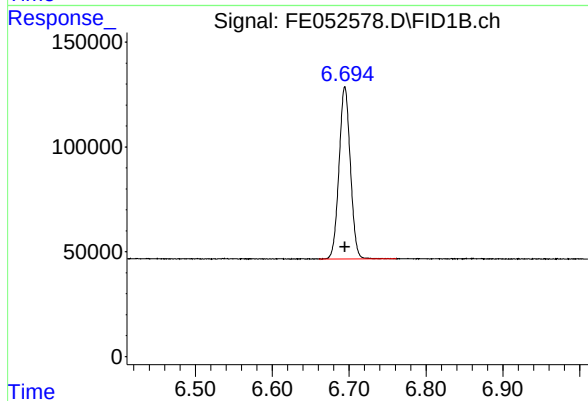
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 848233
Conc: 5.40 ug/ml



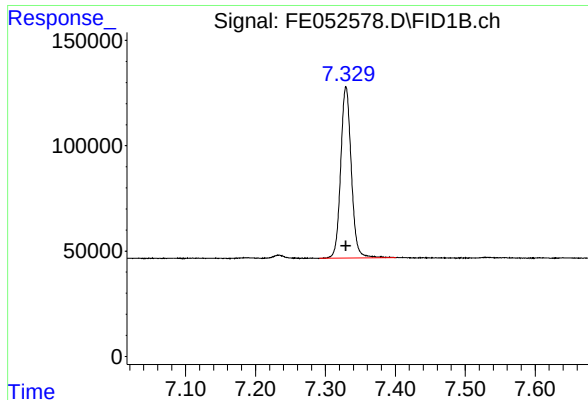
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 898827
Conc: 5.30 ug/ml



#4 n-Dodecane (C12)

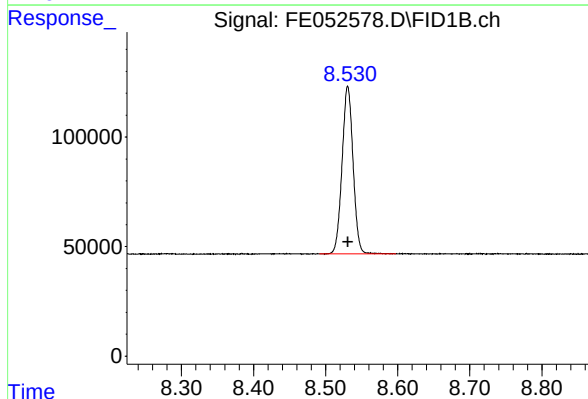
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 837084
Conc: 5.38 ug/ml



#5 A~2-methylnaphthalene (C12.89)

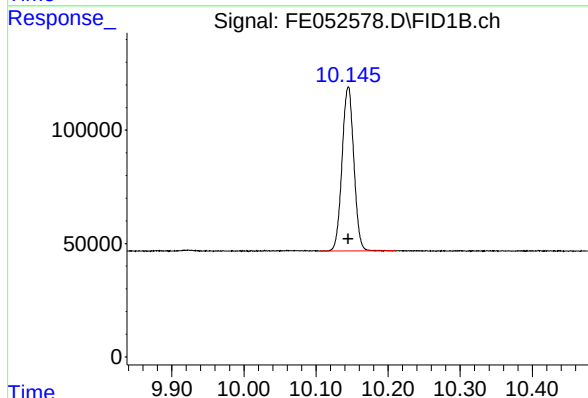
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 855434
Conc: 5.28 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



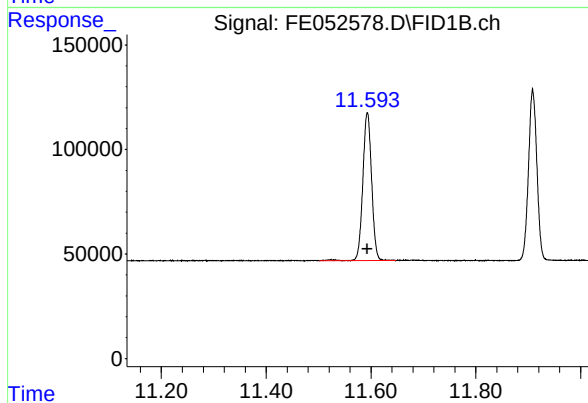
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 812990
Conc: 5.37 ug/ml



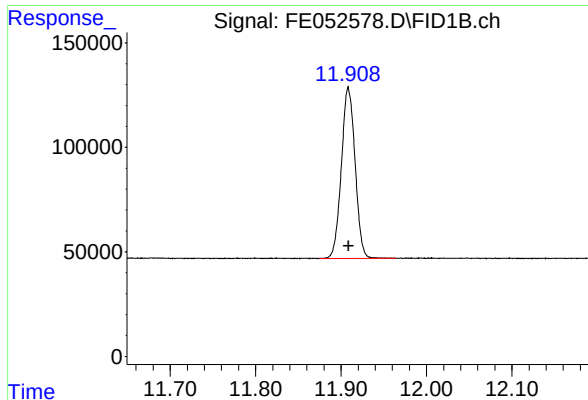
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: 0.000 min
Response: 822877
Conc: 5.38 ug/ml



#8 n-Octadecane (C18)

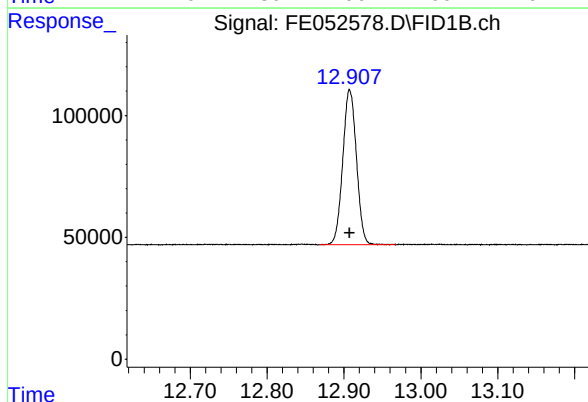
R.T.: 11.593 min
Delta R.T.: 0.000 min
Response: 823940
Conc: 5.42 ug/ml



#9 ortho-Terphenyl (SURR)

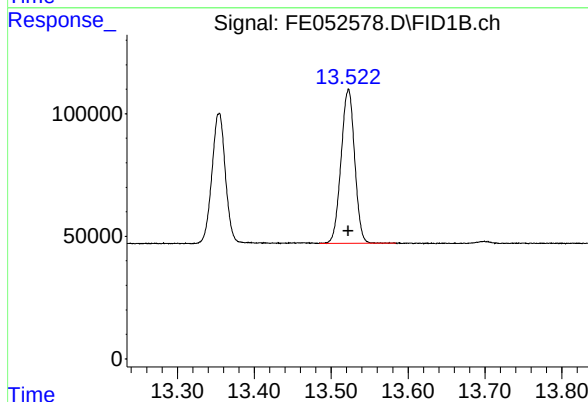
R.T.: 11.909 min
Delta R.T.: 0.000 min
Response: 909430
Conc: 5.39 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



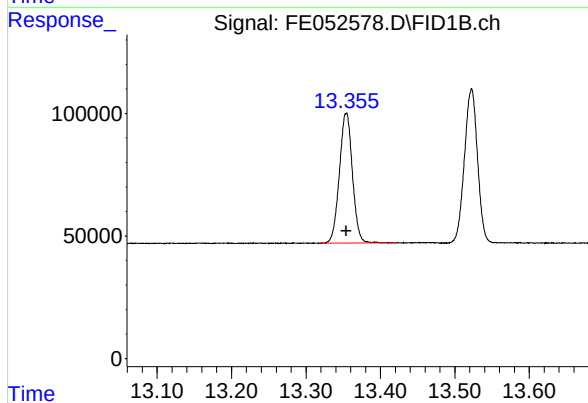
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 782621
Conc: 5.39 ug/ml



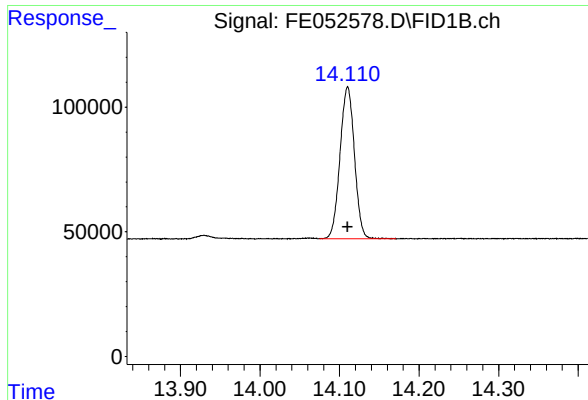
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 768847
Conc: 5.40 ug/ml



#12 1-chlorooctadecane (SURR)

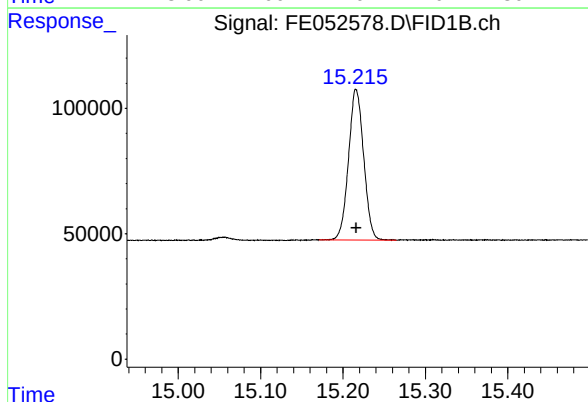
R.T.: 13.354 min
Delta R.T.: 0.000 min
Response: 647768
Conc: 5.33 ug/ml



#13 n-Docosane (C22)

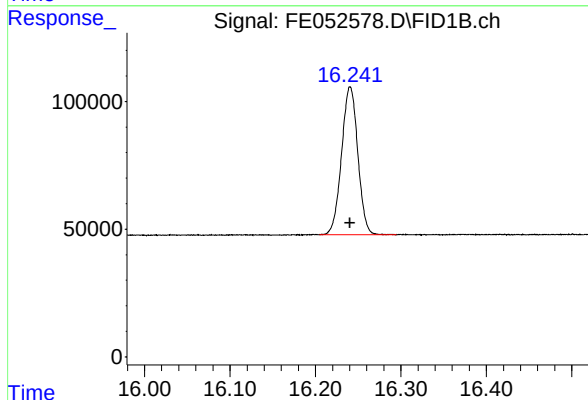
R.T.: 14.110 min
Delta R.T.: 0.000 min
Response: 767013
Conc: 5.39 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



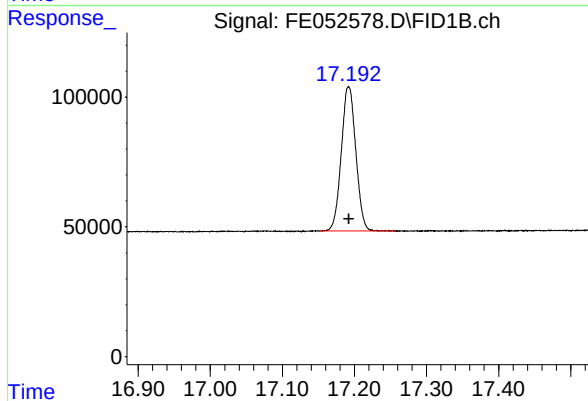
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: 0.000 min
Response: 765651
Conc: 5.35 ug/ml



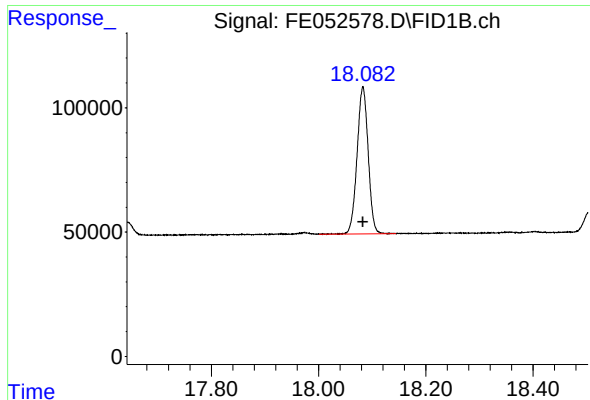
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 763577
Conc: 5.37 ug/ml



#16 n-Octacosane (C28)

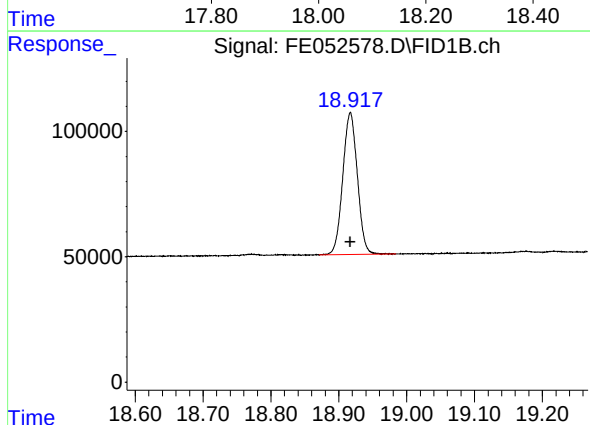
R.T.: 17.192 min
Delta R.T.: 0.000 min
Response: 779784
Conc: 5.48 ug/ml



#17 n-Tricontane (C30)

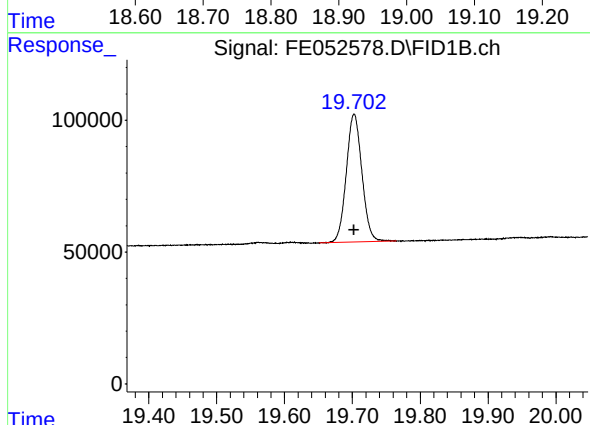
R.T.: 18.083 min
Delta R.T.: 0.000 min
Response: 846559
Conc: 5.73 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



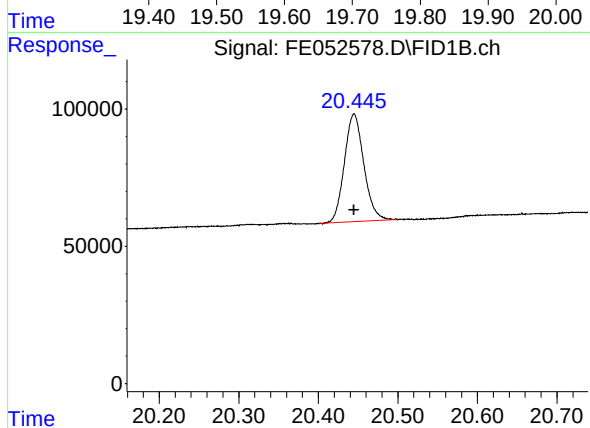
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: 0.000 min
Response: 846558
Conc: 5.83 ug/ml



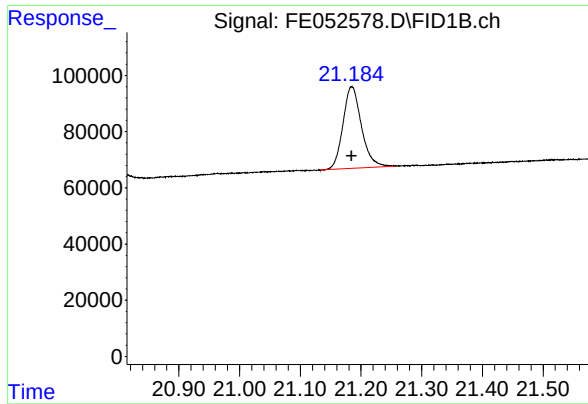
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: 0.000 min
Response: 778580
Conc: 5.78 ug/ml



#20 n-Hexatriacontane (C36)

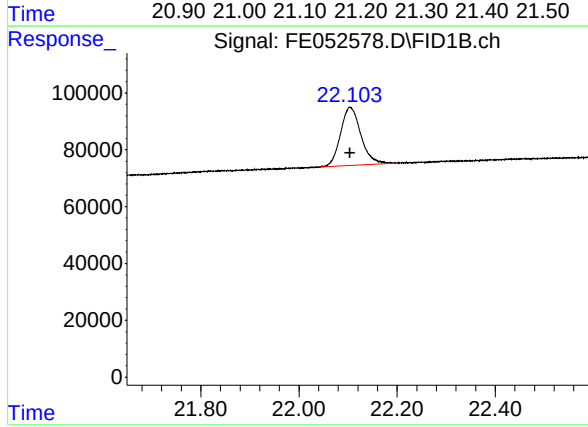
R.T.: 20.445 min
Delta R.T.: 0.000 min
Response: 665672
Conc: 5.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: 0.000 min
Response: 613739
Conc: 5.53 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.104 min
Delta R.T.: 0.000 min
Response: 588940
Conc: 5.45 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052578.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 13:04
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.252	3.221	3.304	BB	82567	835200	91.84%	4.839%
2	4.514	4.478	4.591	BB	83234	848233	93.27%	4.915%
3	6.228	6.191	6.298	BB	88505	898827	98.83%	5.208%
4	6.695	6.661	6.761	BB	82093	837084	92.04%	4.850%
5	7.330	7.291	7.401	BB	81098	855434	94.06%	4.956%
6	8.531	8.491	8.598	BB	76461	812990	89.40%	4.710%
7	10.145	10.104	10.211	BB	72313	822877	90.48%	4.768%
8	11.593	11.501	11.648	BB	70861	823940	90.60%	4.774%
9	11.909	11.874	11.964	BB	81463	909430	100.00%	5.269%
10	12.908	12.868	12.968	BB	63441	782621	86.06%	4.534%
11	13.354	13.318	13.421	BB	53208	647768	71.23%	3.753%
12	13.522	13.484	13.584	BB	62420	768847	84.54%	4.455%
13	14.110	14.074	14.171	BB	61042	767013	84.34%	4.444%
14	15.216	15.171	15.264	BB	59393	765651	84.19%	4.436%
15	16.241	16.204	16.294	BB	57980	763577	83.96%	4.424%
16	17.192	17.151	17.258	BB	55884	779784	85.74%	4.518%
17	18.083	18.001	18.144	BB	58718	846559	93.09%	4.905%
18	18.917	18.871	18.984	BB	56748	846558	93.09%	4.905%
19	19.703	19.651	19.764	BB	48522	778580	85.61%	4.511%
20	20.445	20.401	20.498	BB	39239	665672	73.20%	3.857%
21	21.185	21.131	21.258	BB	29081	613739	67.49%	3.556%
22	22.104	22.041	22.198	BB	20470	588940	64.76%	3.412%
Sum of corrected areas:							17259325	

Aliphatic EPH 030325.M Tue Mar 04 04:15:51 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
 Data File : FE052579.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2025 13:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Mar 03 14:00:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.911	3455691	20.498 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
12) S 1-chlorooctadecane (S...	13.356	2497681	20.570 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.252	3187537	20.558 ug/ml
2) T n-Decane (C10)	4.514	3233718	20.584 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3492595	20.594 ug/ml
4) T n-Dodecane (C12)	6.696	3203904	20.578 ug/ml
5) T A~2-methylnaphthalene...	7.330	3339319	20.606 ug/ml
6) T n-Tetradecane (C14)	8.532	3105696	20.525 ug/ml
7) T n-Hexadecane (C16)	10.147	3133929	20.498 ug/ml
8) T n-Octadecane (C18)	11.595	3112121	20.455 ug/ml
10) T n-Eicosane (C20)	12.910	2971006	20.465 ug/ml
11) T n-Heneicosane (C21)	13.524	2915343	20.483 ug/ml
13) T n-Docosane (C22)	14.111	2909985	20.448 ug/ml
14) T n-Tetracosane (C24)	15.219	2928929	20.466 ug/ml
15) T n-Hexacosane (C26)	16.241	2909458	20.461 ug/ml
16) T n-Octacosane (C28)	17.194	2913880	20.492 ug/ml
17) T n-Tricontane (C30)	18.084	3032387	20.531 ug/ml
18) T n-Dotriacontane (C32)	18.919	2988204	20.583 ug/ml
19) T n-Tetratriacontane (C34)	19.705	2786554	20.675 ug/ml
20) T n-Hexatriacontane (C36)	20.448	2490703	20.961 ug/ml
21) T n-Octatriacontane (C38)	21.189	2317135	20.887 ug/ml
22) T n-Tetracontane (C40)	22.111	2256635	20.872 ug/ml

(f)=RT Delta > 1/2 Window

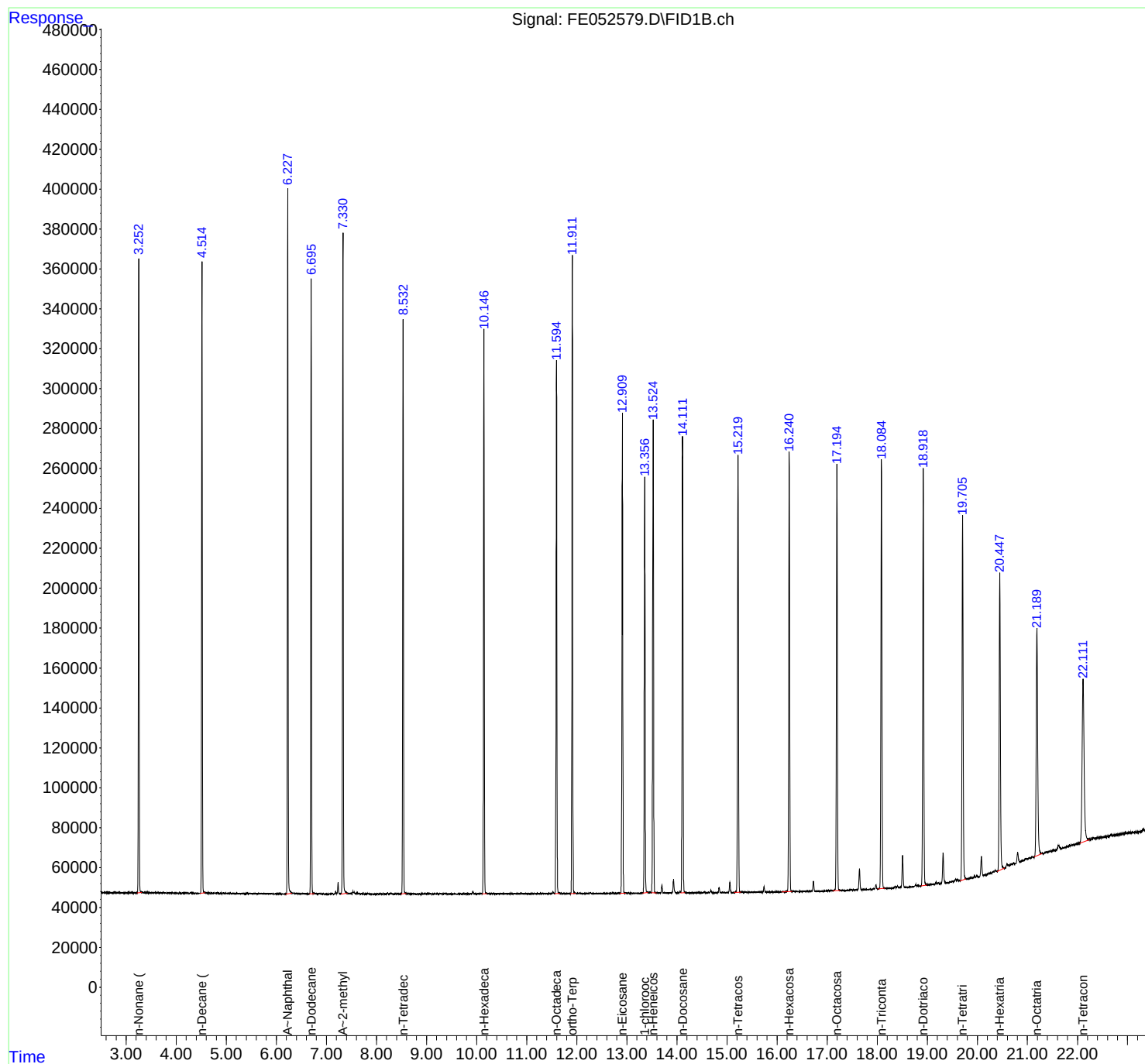
(m)=manual int.

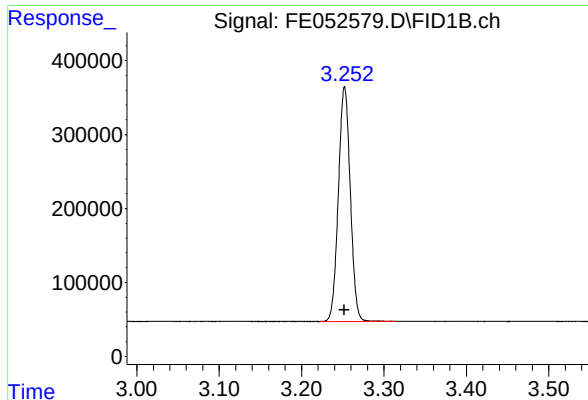
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052579.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 13:35
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Mar 03 14:00:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

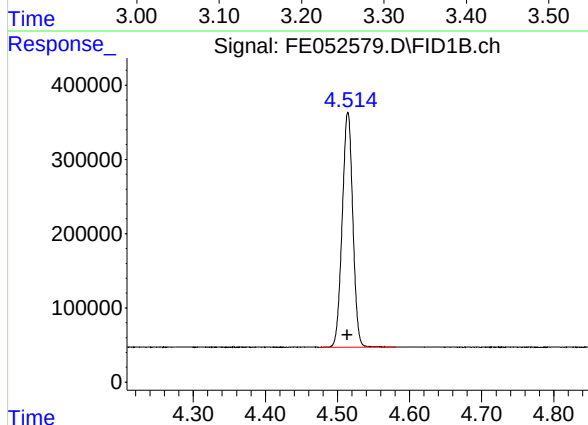




#1 n-Nonane (C9)

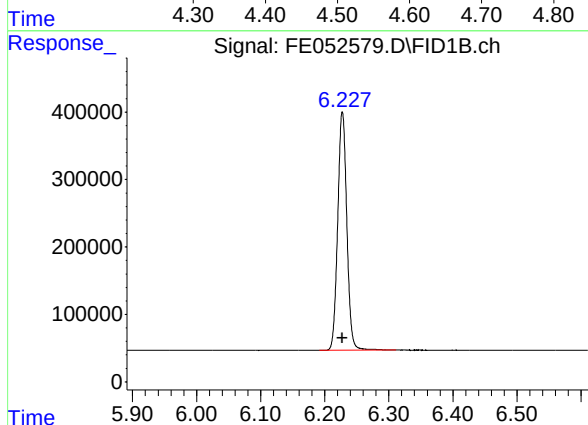
R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 3187537
Conc: 20.56 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



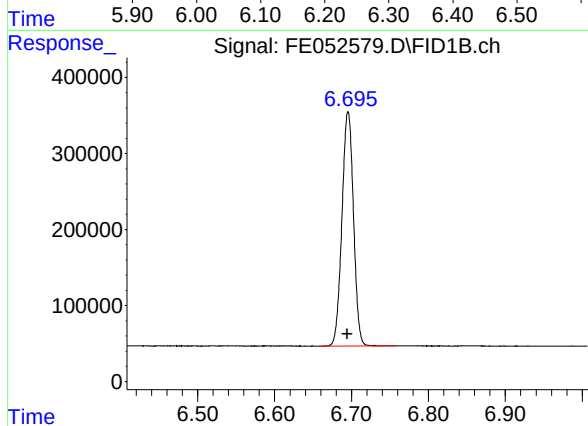
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 3233718
Conc: 20.58 ug/ml



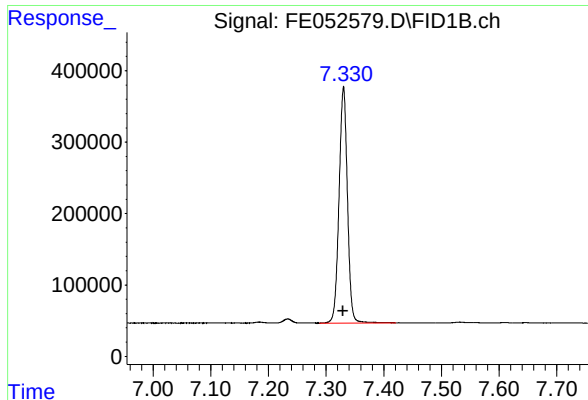
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 3492595
Conc: 20.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 3203904
Conc: 20.58 ug/ml



#5 A~2-methylnaphthalene (C12.89)

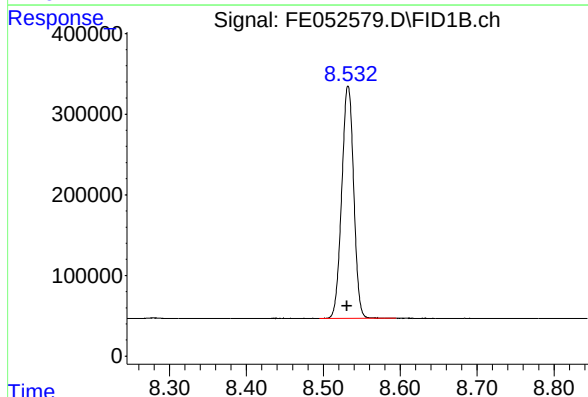
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 3339319
Conc: 20.61 ug/ml

Instrument :

FID_E

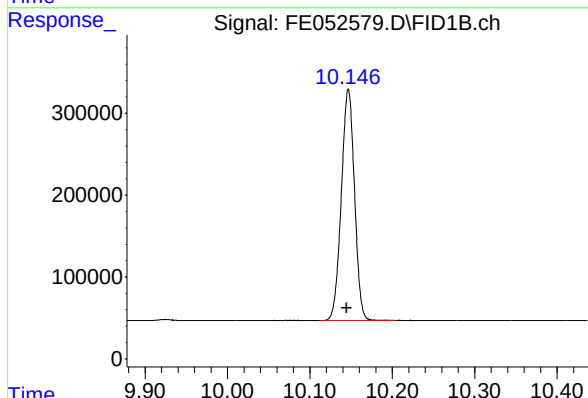
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



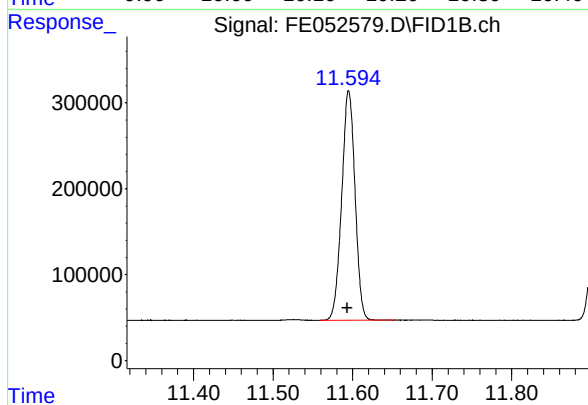
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: 0.001 min
Response: 3105696
Conc: 20.53 ug/ml



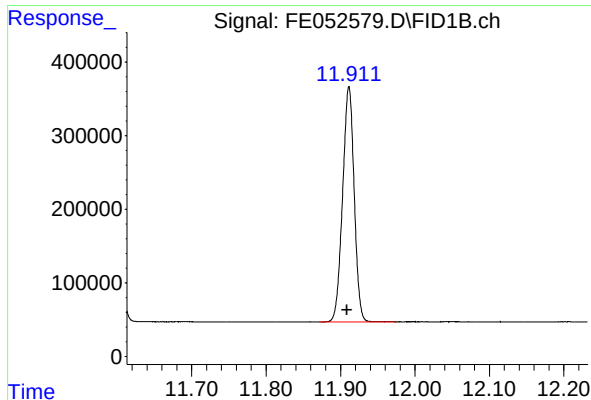
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: 0.002 min
Response: 3133929
Conc: 20.50 ug/ml



#8 n-Octadecane (C18)

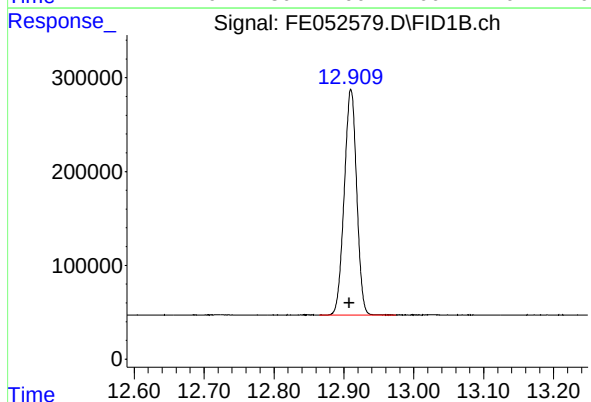
R.T.: 11.595 min
Delta R.T.: 0.002 min
Response: 3112121
Conc: 20.46 ug/ml



#9 ortho-Terphenyl (SURR)

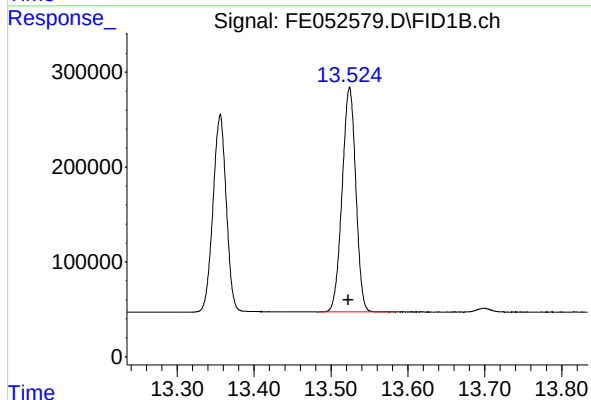
R.T.: 11.911 min
Delta R.T.: 0.003 min
Response: 3455691
Conc: 20.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



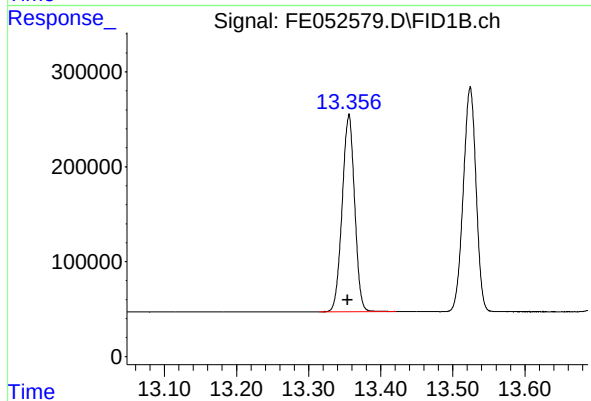
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: 0.002 min
Response: 2971006
Conc: 20.47 ug/ml



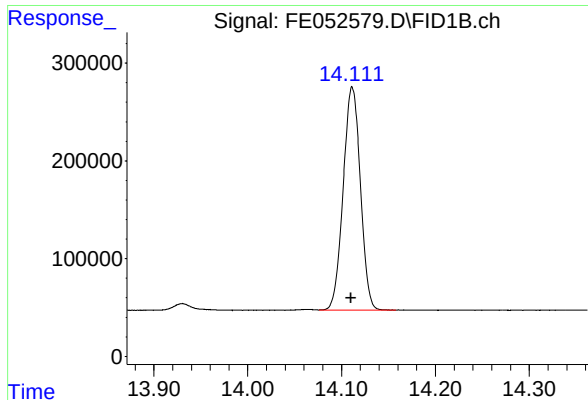
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.002 min
Response: 2915343
Conc: 20.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.356 min
Delta R.T.: 0.002 min
Response: 2497681
Conc: 20.57 ug/ml



#13 n-Docosane (C22)

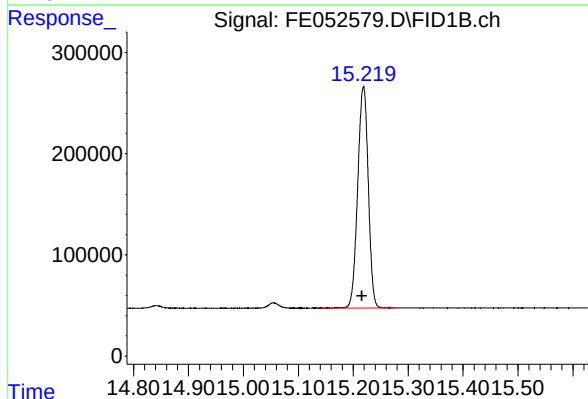
R.T.: 14.111 min
Delta R.T.: 0.001 min
Response: 2909985
Conc: 20.45 ug/ml

Instrument :

FID_E

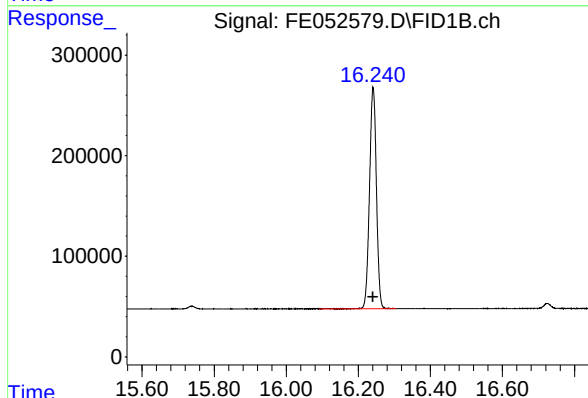
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



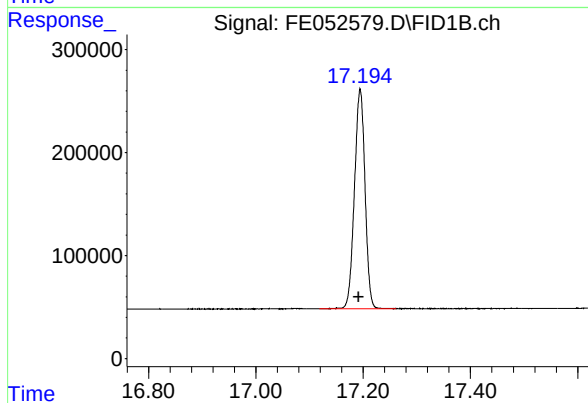
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: 0.003 min
Response: 2928929
Conc: 20.47 ug/ml



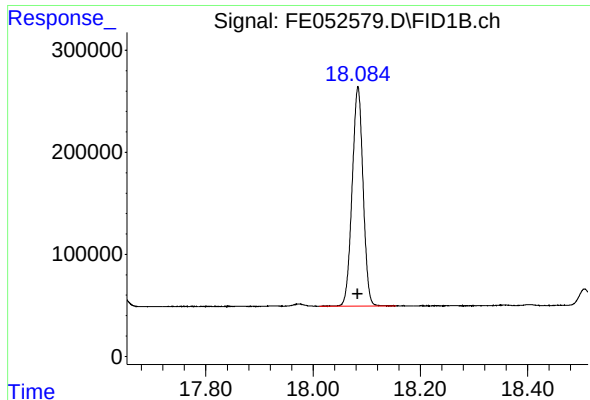
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 2909458
Conc: 20.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: 0.002 min
Response: 2913880
Conc: 20.49 ug/ml



#17 n-Tricontane (C30)

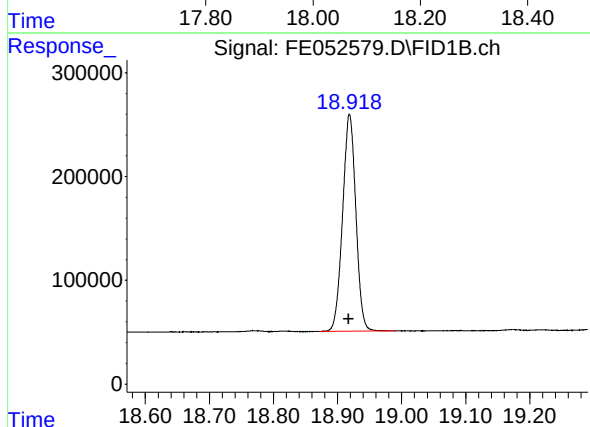
R.T.: 18.084 min
Delta R.T.: 0.001 min
Response: 3032387
Conc: 20.53 ug/ml

Instrument :

FID_E

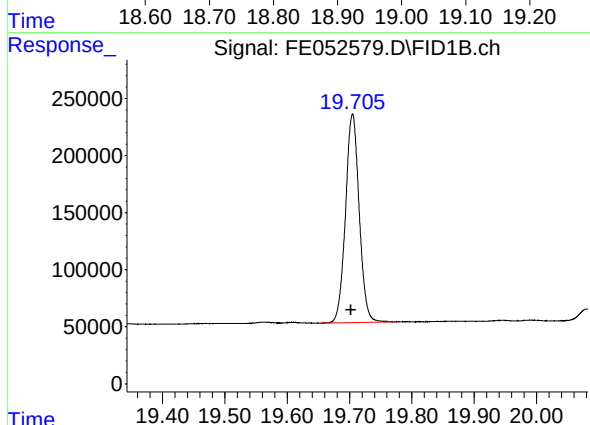
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



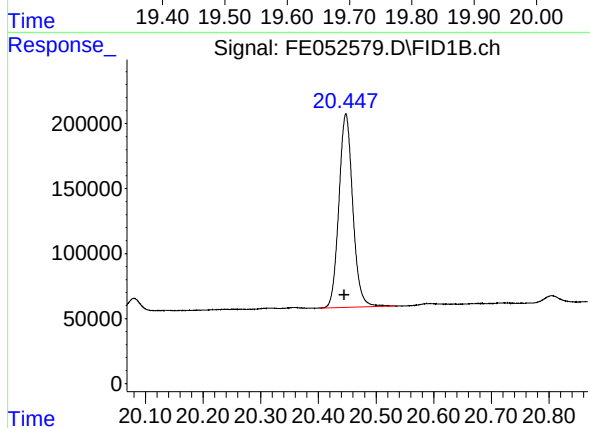
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: 0.002 min
Response: 2988204
Conc: 20.58 ug/ml



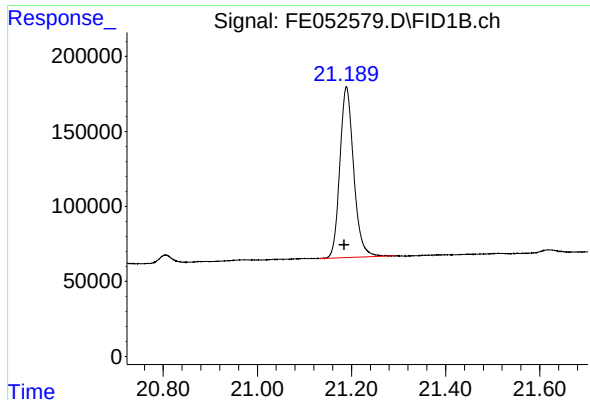
#19 n-Tetatriacontane (C34)

R.T.: 19.705 min
Delta R.T.: 0.002 min
Response: 2786554
Conc: 20.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.448 min
Delta R.T.: 0.003 min
Response: 2490703
Conc: 20.96 ug/ml



#21 n-Octatriacontane (C38)

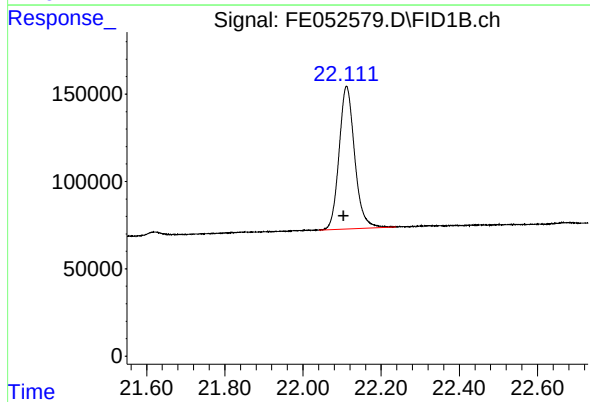
R.T.: 21.189 min
Delta R.T.: 0.005 min
Response: 2317135
Conc: 20.89 ug/ml

Instrument :

FID_E

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.111 min
Delta R.T.: 0.007 min
Response: 2256635
Conc: 20.87 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
Data File : FE052579.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2025 13:35
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.252	3.221	3.315	BB	316370	3187537	91.27%	4.890%
2	4.514	4.475	4.581	BB	317352	3233718	92.59%	4.961%
3	6.228	6.191	6.311	BB	353933	3492595	100.00%	5.358%
4	6.696	6.658	6.758	BB	308321	3203904	91.73%	4.915%
5	7.330	7.288	7.421	BB	330915	3339319	95.61%	5.123%
6	8.532	8.495	8.595	BB	289204	3105696	88.92%	4.765%
7	10.147	10.111	10.205	BB	283052	3133929	89.73%	4.808%
8	11.595	11.558	11.655	BB	267693	3112121	89.11%	4.774%
9	11.911	11.871	11.975	BB	320258	3455691	98.94%	5.302%
10	12.910	12.865	12.975	BB	241076	2971006	85.07%	4.558%
11	13.356	13.315	13.421	BB	205009	2497681	71.51%	3.832%
12	13.524	13.485	13.585	BB	236434	2915343	83.47%	4.473%
13	14.111	14.076	14.158	VB	228081	2909985	83.32%	4.464%
14	15.219	15.138	15.278	BB	218919	2928929	83.86%	4.493%
15	16.241	16.091	16.305	BB	220045	2909458	83.30%	4.464%
16	17.194	17.118	17.261	BB	212865	2913880	83.43%	4.470%
17	18.084	18.011	18.155	BB	215009	3032387	86.82%	4.652%
18	18.919	18.871	18.991	BB	209239	2988204	85.56%	4.584%
19	19.705	19.651	19.775	BB	182519	2786554	79.78%	4.275%
20	20.448	20.401	20.535	BB	148923	2490703	71.31%	3.821%
21	21.189	21.131	21.295	BB	113912	2317135	66.34%	3.555%
22	22.111	22.041	22.238	BB	81783	2256635	64.61%	3.462%
Sum of corrected areas:							65182406	

Aliphatic EPH 030325.M Tue Mar 04 04:16:17 2025

Initial Calibration Report for SequenceID : FF022625AR

AreaCount

Parameter Range	FF015527.D	FF015528.D	FF015529.D	FF015530.D	FF015531.D	
Aromatic C10-C12	23792031.000	12461970.000	5148350.000	2881825.000	1254262.000	
Aromatic C12-C16	37158993.000	19494885.000	8182790.000	4664527.000	2074624.000	
Aromatic C16-C21	50062741.000	26061188.000	10794938.000	6008191.000	2491814.000	
Aromatic C21-C36	110416619.000	57062327.000	23513894.000	13223167.000	5545443.000	
Aromatic EPH	221430384.000	115080370.000	47639972.000	26777710.000	11366143.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	128361.211	7.376				
Aromatic C12-C16	136800.3086664	8.692				
Aromatic C16-C21	133038.9985	7.877				
Aromatic C21-C36	130055.838444	7.654				
Aromatic EPH	131654.5493328	7.699				

Concentration

Parameter Range	FF015527.D	FF015528.D	FF015529.D	FF015530.D	FF015531.D	
Aromatic C10-C12	200.000	100.000	40.000	20.000	10.000	
Aromatic C12-C16	300.000	150.000	60.000	30.000	15.000	
Aromatic C16-C21	400.000	200.000	80.000	40.000	20.000	
Aromatic C21-C36	900.000	450.000	180.000	90.000	45.000	
Aromatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FF015527.D	FF015528.D	FF015529.D	FF015530.D	FF015531.D	
Aromatic C10-C12	118960.155000	124619.700000	128708.750000	144091.250000	125426.200000	
Aromatic C12-C16	123863.310000	129965.900000	136379.833333	155484.233333	138308.266666	
Aromatic C16-C21	125156.852500	130305.940000	134936.725000	150204.775000	124590.700000	
Aromatic C21-C36	122685.132222	126805.171111	130632.744444	146924.077777	123232.066666	
Aromatic EPH	123016.880000	127867.077777	132333.255555	148765.055555	126290.477777	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
 Data File : FF015527.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 09:00
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Feb 26 12:29:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:26:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.996	10994390	96.664 ug/ml
Spiked Amount 50.000		Recovery =	193.33%
6) S 2-Fluorobiphenyl (SURR)	8.873	7467126	99.792 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	199.58%#
11) S ortho-Terphenyl (SURR)	11.938	12986799	94.309 ug/ml
Spiked Amount 50.000		Recovery =	188.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.600	11629996	95.000 ug/ml
2) T Naphthalene (C11.7)	6.272	12162035	97.104 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	12032920	96.653 ug/ml
5) T Acenaphthylene (C15.06)	8.673	12653113	94.888 ug/ml
7) T Acenaphthene (C15.5)	8.974	12472960	94.121 ug/ml
8) T Fluorene (C16.55)	9.763	12619708	96.602 ug/ml
9) T Phenanthrene (C19.36)	11.172	12461541	96.874 ug/ml
10) T Anthracene (C19.43)	11.248	12126064	96.961 ug/ml
12) T Fluoranthene (C21.85)	12.997	12920946	95.836 ug/ml
13) T Pyrene (C20.8)	13.297	12855428	94.626 ug/ml
14) T Benzo[a]anthracene (C...	15.181	12510176	99.595 ug/ml
15) T Chrysene (C27.41)	15.228	12789815	93.112 ug/ml
16) T benzo[b]fluoranthene ...	16.745	12667527	97.364 ug/ml
17) T Bnezo[k]fluoranthene ...	16.783	12754236	94.538 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.127	12145429	100.391 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.505	11376975	105.977 ug/ml
20) T Dibenz[a,h]anthracene...	18.542	11542220	93.587 ug/ml
21) T Benzo[g,h,i]perylene ...	18.765	11709295	96.656 ug/ml

(f)=RT Delta > 1/2 Window

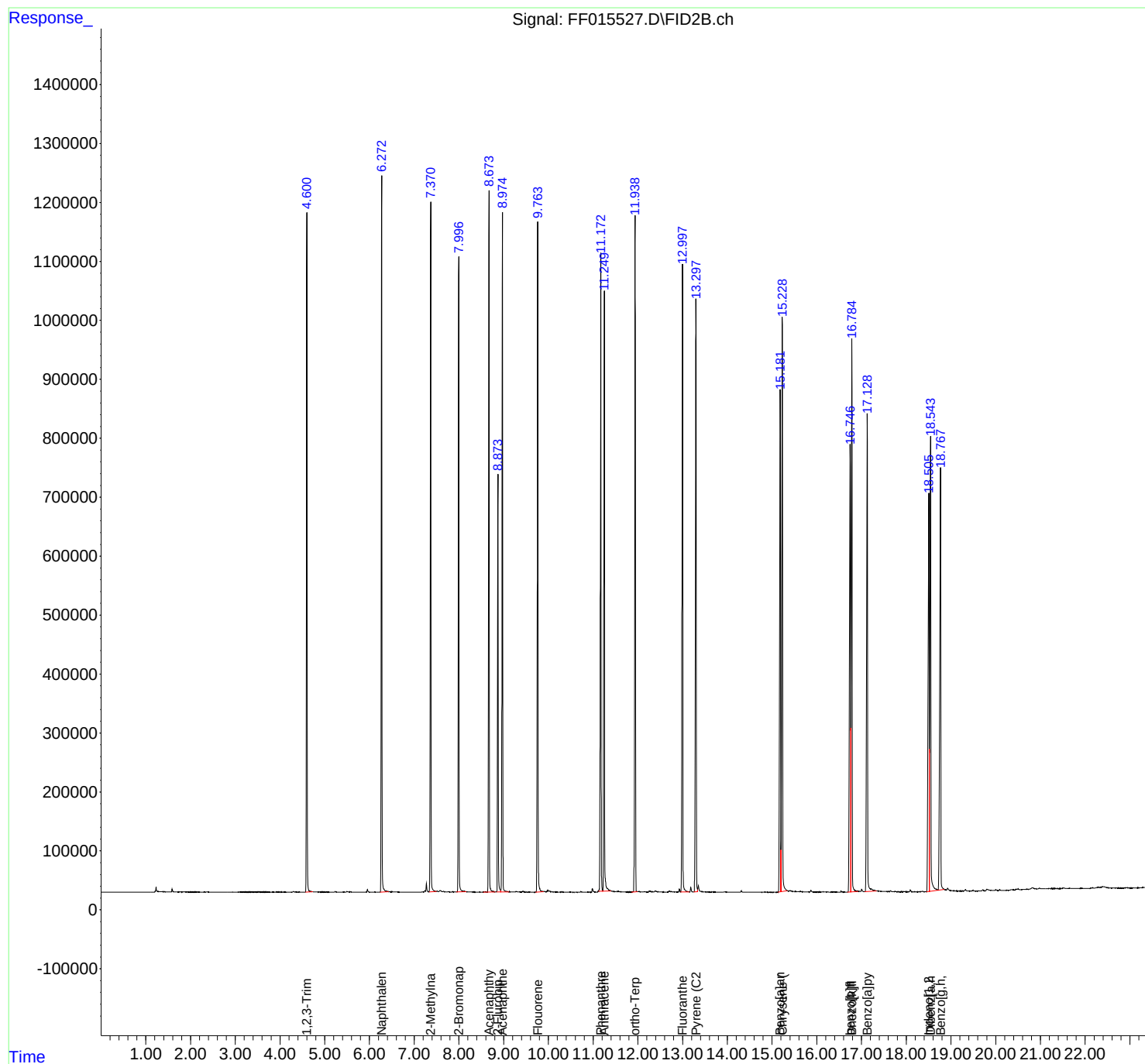
(m)=manual int.

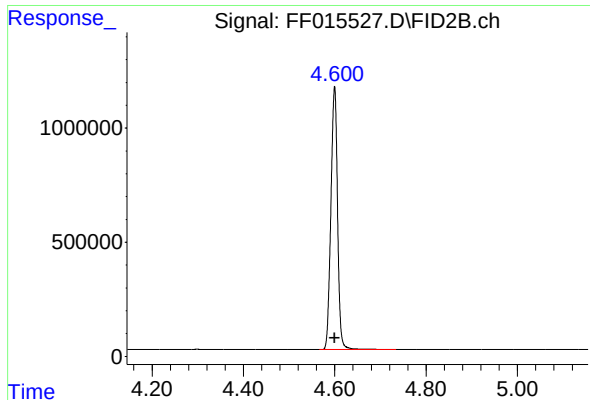
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
Data File : FF015527.D
Signal(s) : FID2B.ch
Acq On : 25 Feb 2025 09:00
Operator : YP\AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
100 PPM AROMATIC HC STD1

Integration File: autoint1.e
Quant Time: Feb 26 12:29:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Quant Title : GC Extractables
QLast Update : Wed Feb 26 12:26:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





#1 1,2,3-Trimethylbenzene (C10.1)

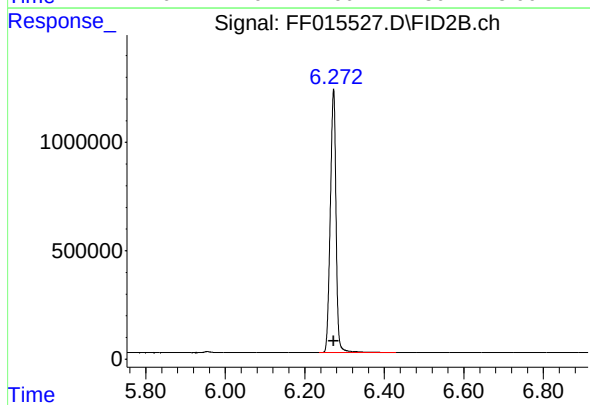
R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 11629996
Conc: 95.00 ug/ml

Instrument :

FID_F

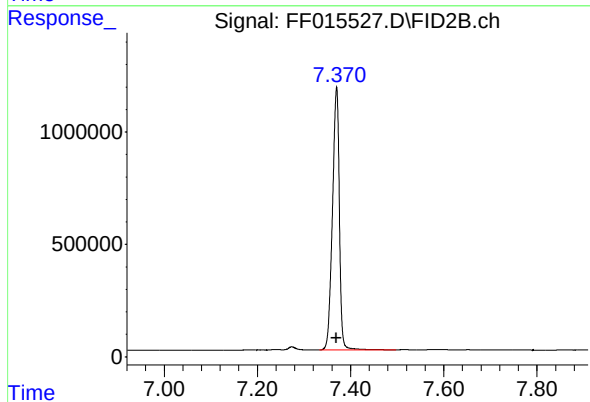
ClientSampleId :

100 PPM AROMATIC HC STD1



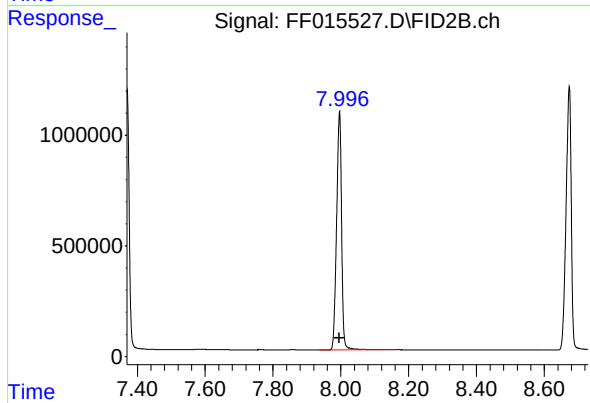
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 12162035
Conc: 97.10 ug/ml



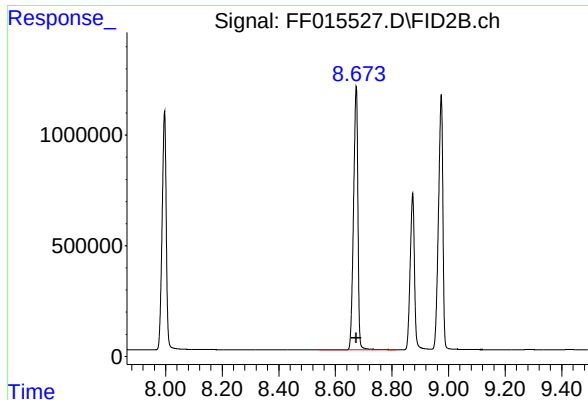
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 12032920
Conc: 96.65 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 10994390
Conc: 96.66 ug/ml



#5 Acenaphthylene (C15.06)

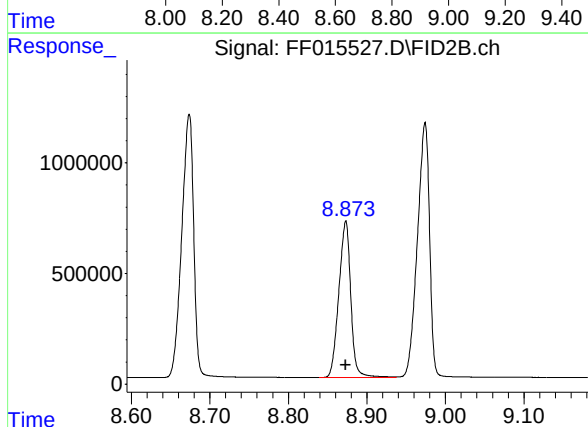
R.T.: 8.673 min
Delta R.T.: 0.000 min
Response: 12653113
Conc: 94.89 ug/ml

Instrument :

FID_F

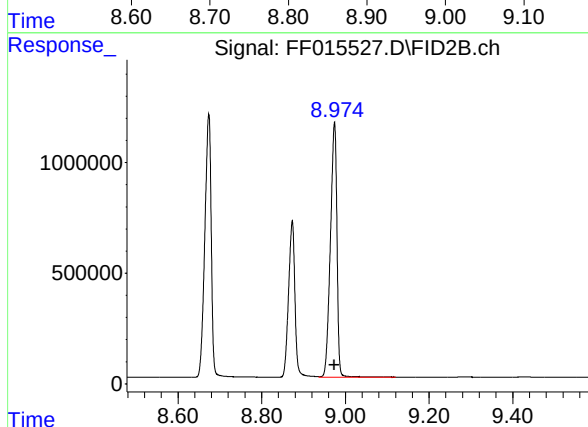
ClientSampleId :

100 PPM AROMATIC HC STD1



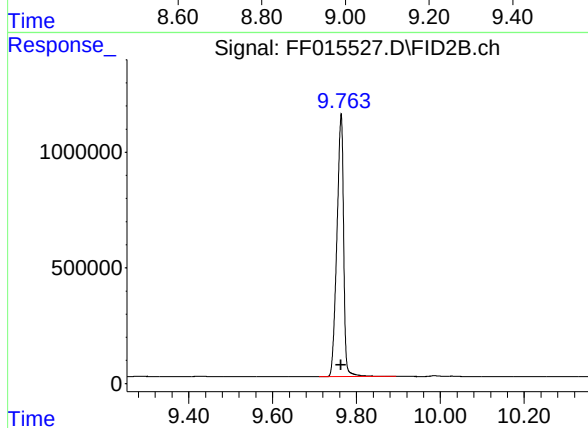
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.873 min
Delta R.T.: 0.000 min
Response: 7467126
Conc: 99.79 ug/ml



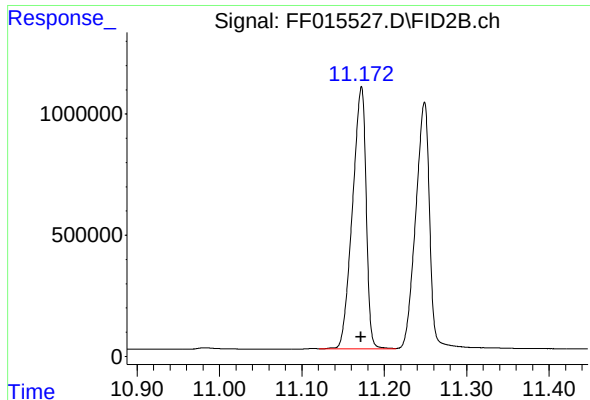
#7 Acenaphthene (C15.5)

R.T.: 8.974 min
Delta R.T.: 0.000 min
Response: 12472960
Conc: 94.12 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.763 min
Delta R.T.: 0.000 min
Response: 12619708
Conc: 96.60 ug/ml



#9 Phenanthrene (C19.36)

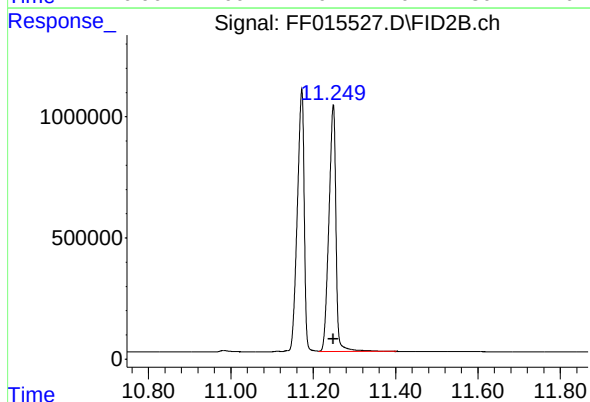
R.T.: 11.172 min
Delta R.T.: 0.000 min
Response: 12461541
Conc: 96.87 ug/ml

Instrument :

FID_F

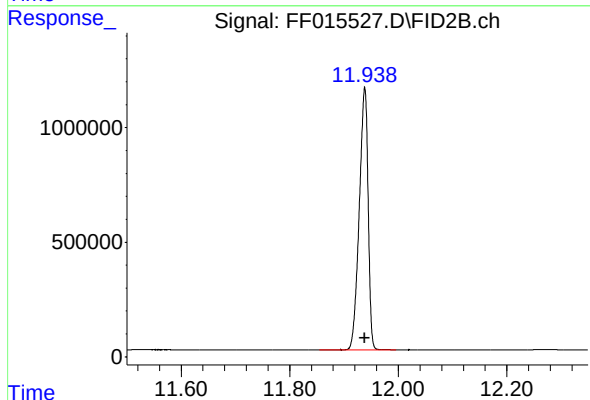
ClientSampleId :

100 PPM AROMATIC HC STD1



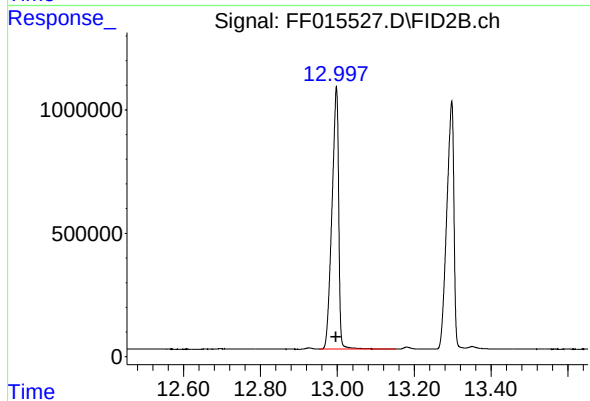
#10 Anthracene (C19.43)

R.T.: 11.248 min
Delta R.T.: 0.000 min
Response: 12126064
Conc: 96.96 ug/ml



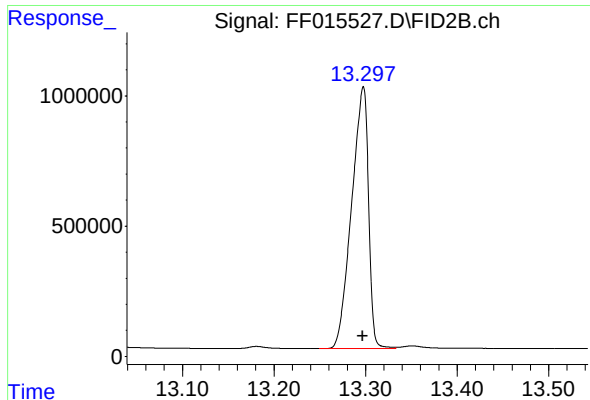
#11 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: 0.000 min
Response: 12986799
Conc: 94.31 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 12920946
Conc: 95.84 ug/ml



#13 Pyrene (C20.8)

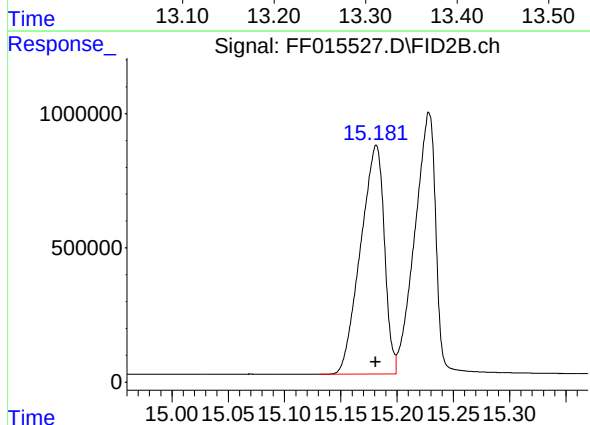
R.T.: 13.297 min
Delta R.T.: 0.000 min
Response: 12855428
Conc: 94.63 ug/ml

Instrument :

FID_F

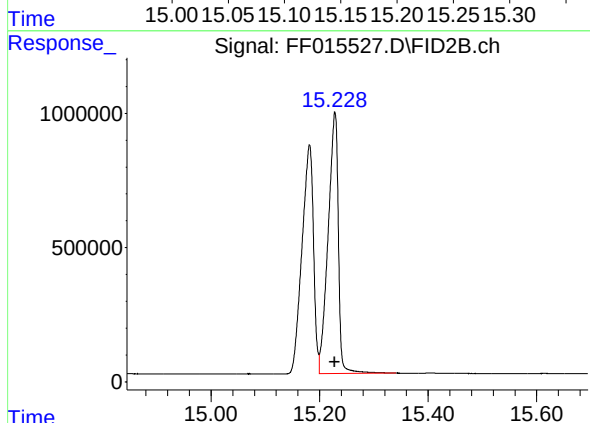
ClientSampleId :

100 PPM AROMATIC HC STD1



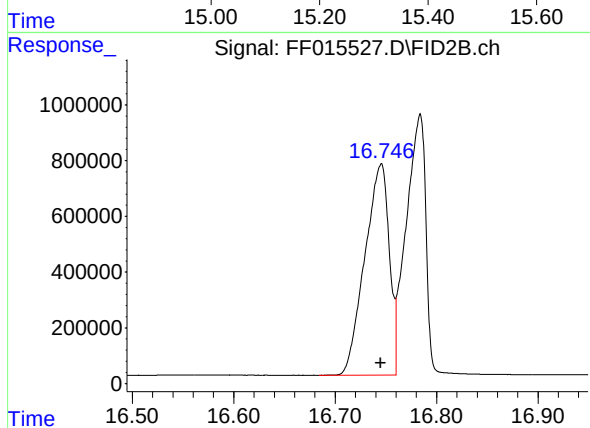
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.181 min
Delta R.T.: 0.000 min
Response: 12510176
Conc: 99.60 ug/ml



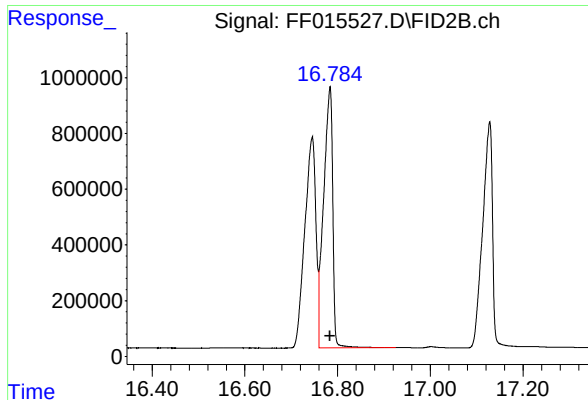
#15 Chrysene (C27.41)

R.T.: 15.228 min
Delta R.T.: 0.000 min
Response: 12789815
Conc: 93.11 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.745 min
Delta R.T.: 0.000 min
Response: 12667527
Conc: 97.36 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

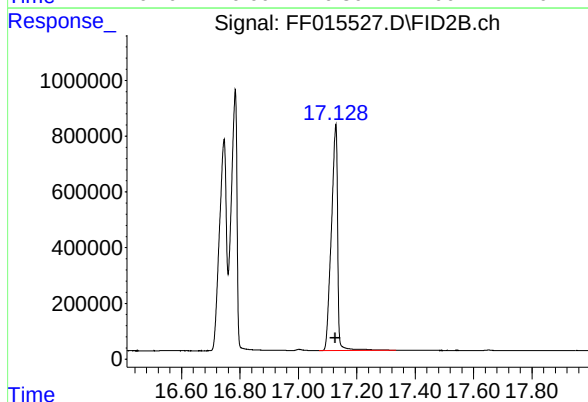
R.T.: 16.783 min
Delta R.T.: 0.000 min
Response: 12754236
Conc: 94.54 ug/ml

Instrument :

FID_F

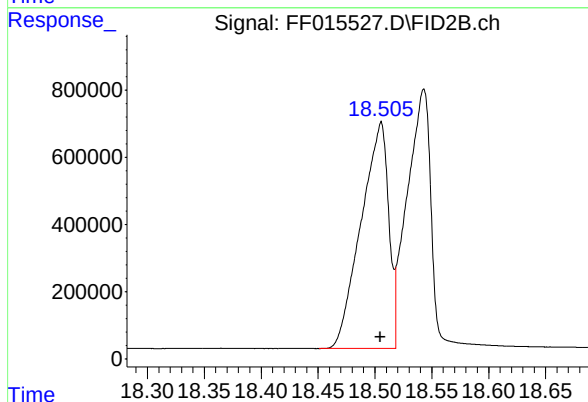
ClientSampleId :

100 PPM AROMATIC HC STD1



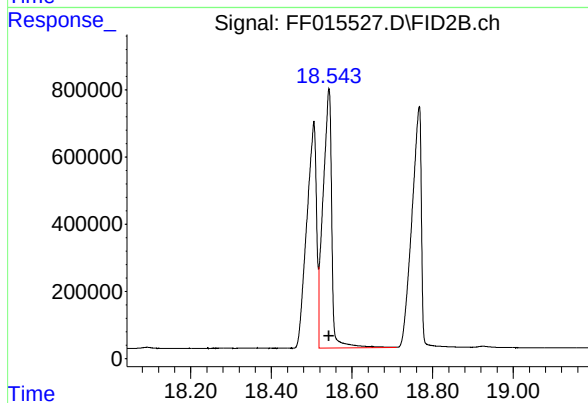
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.127 min
Delta R.T.: 0.000 min
Response: 12145429
Conc: 100.39 ug/ml



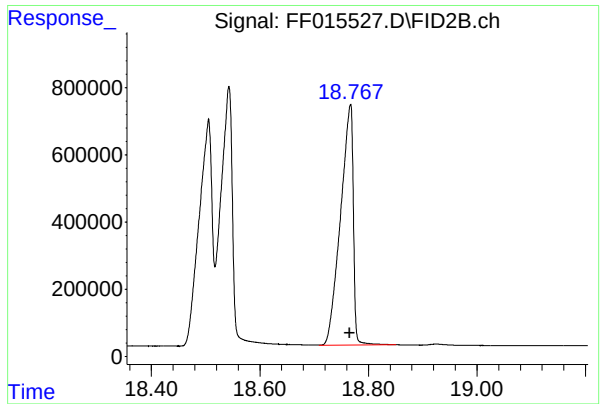
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.505 min
Delta R.T.: 0.000 min
Response: 11376975
Conc: 105.98 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.542 min
Delta R.T.: 0.000 min
Response: 11542220
Conc: 93.59 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.765 min
Delta R.T.: 0.000 min
Response: 11709295
Conc: 96.66 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

A

B

C

D

E

F

G

H

I

J

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
Data File : FF015527.D
Signal(s) : FID2B.ch
Acq On : 25 Feb 2025 09:00
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.600	4.566	4.734	BB	1152082	11629996	89.55%	4.599%
2	6.272	6.236	6.429	BB	1218951	12162035	93.65%	4.809%
3	7.370	7.332	7.497	PV	1161350	12032920	92.66%	4.758%
4	7.996	7.936	8.162	BB	1077251	10994390	84.66%	4.348%
5	8.673	8.542	8.814	BB	1185812	12653113	97.43%	5.004%
6	8.873	8.839	8.937	BV	704745	7467126	57.50%	2.953%
7	8.974	8.937	9.121	VB	1154825	12472960	96.04%	4.932%
8	9.763	9.711	9.894	BB	1124636	12619708	97.17%	4.990%
9	11.172	11.121	11.214	BV	1087677	12461541	95.96%	4.928%
10	11.248	11.214	11.401	VBA	1024153	12126064	93.37%	4.795%
11	11.938	11.854	11.996	BB	1143374	12986799	100.00%	5.136%
12	12.997	12.952	13.152	VB	1068279	12920946	99.49%	5.110%
13	13.297	13.249	13.333	BV	1008180	12855428	98.99%	5.084%
14	15.181	15.131	15.199	BV	852704	12510176	96.33%	4.947%
15	15.228	15.199	15.341	VBA	974664	12789815	98.48%	5.058%
16	16.745	16.684	16.760	BV	753666	12667527	97.54%	5.009%
17	16.783	16.760	16.926	VB	928653	12754236	98.21%	5.044%
18	17.127	17.071	17.334	BB	807969	12145429	93.52%	4.803%
19	18.505	18.451	18.518	BV	665896	11376975	87.60%	4.499%
20	18.542	18.518	18.709	VV	771751	11542220	88.88%	4.564%
21	18.765	18.709	18.851	VBA	712641	11709295	90.16%	4.630%
Sum of corrected areas:						252878700		

Aromatic EPH 022625.M Wed Feb 26 12:47:18 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
 Data File : FF015528.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 09:30
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 26 12:31:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:26:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.996	5704504	50.103 ug/ml
Spiked Amount 50.000		Recovery =	100.21%
6) S 2-Fluorobiphenyl (SURR)	8.871	3814026	50.643 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.29%
11) S ortho-Terphenyl (SURR)	11.935	6832040	49.742 ug/ml
Spiked Amount 50.000		Recovery =	99.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	6140419	50.105 ug/ml
2) T Naphthalene (C11.7)	6.273	6321551	50.314 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	6257474	50.175 ug/ml
5) T Acenaphthylene (C15.06)	8.671	6644719	49.887 ug/ml
7) T Acenaphthene (C15.5)	8.970	6592692	49.832 ug/ml
8) T Fluorene (C16.55)	9.760	6568021	50.185 ug/ml
9) T Phenanthrene (C19.36)	11.168	6485720	50.279 ug/ml
10) T Anthracene (C19.43)	11.243	6294334	50.220 ug/ml
12) T Fluoranthene (C21.85)	12.992	6736882	49.979 ug/ml
13) T Pyrene (C20.8)	13.290	6713113	49.608 ug/ml
14) T Benzo[a]anthracene (C...	15.173	6382398	50.538 ug/ml
15) T Chrysene (C27.41)	15.217	6702862	49.192 ug/ml
16) T benzo[b]fluoranthene ...	16.736	6507369	50.011 ug/ml
17) T Bnezo[k]fluoranthene ...	16.770	6701753	49.386 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.116	6283729	51.277 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.492	5436862	50.428 ug/ml
20) T Dibenz[a,h]anthracene...	18.528	6261165	49.789 ug/ml
21) T Benzo[g,h,i]perylene ...	18.749	6049307	49.956 ug/ml

(f)=RT Delta > 1/2 Window

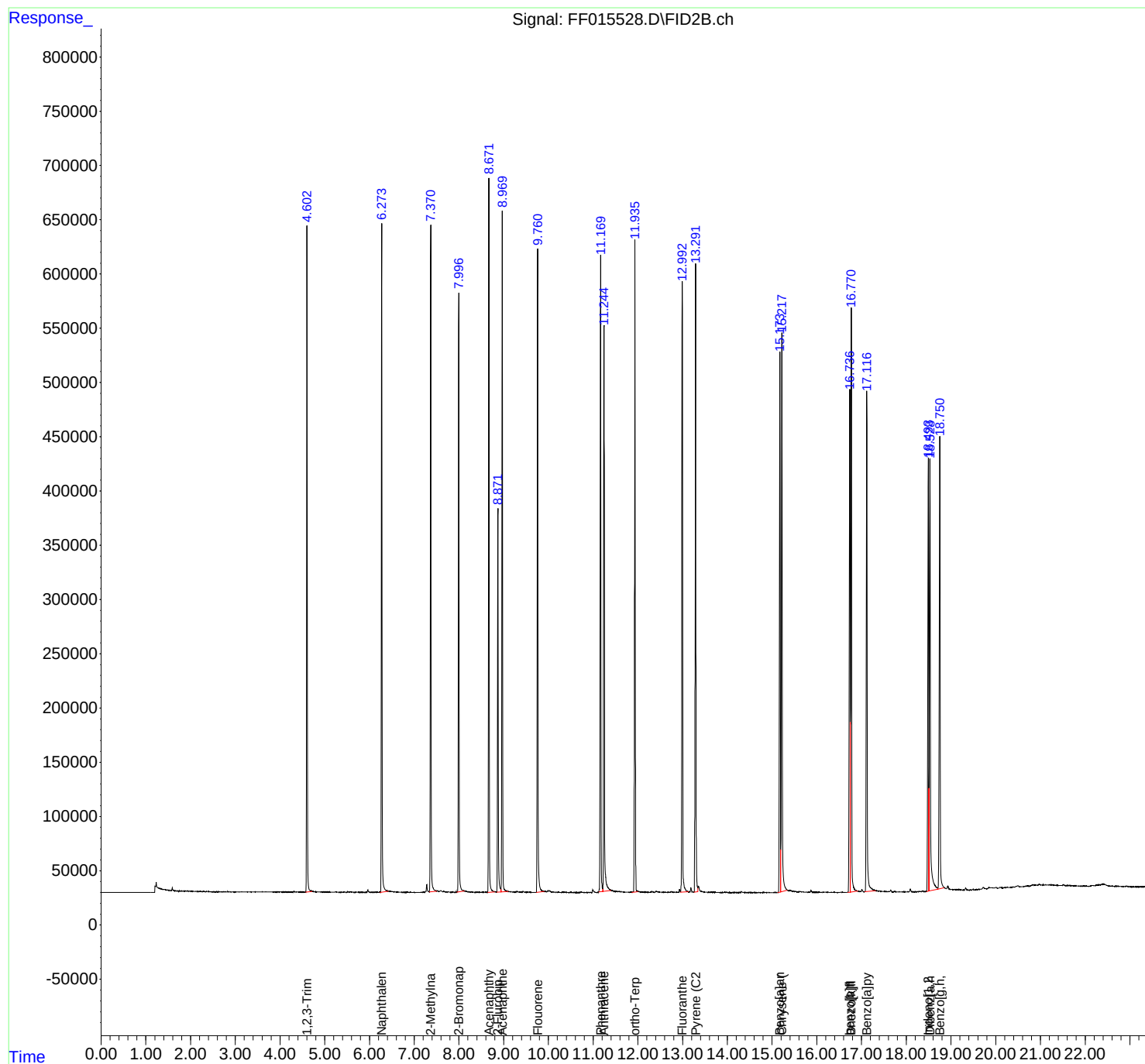
(m)=manual int.

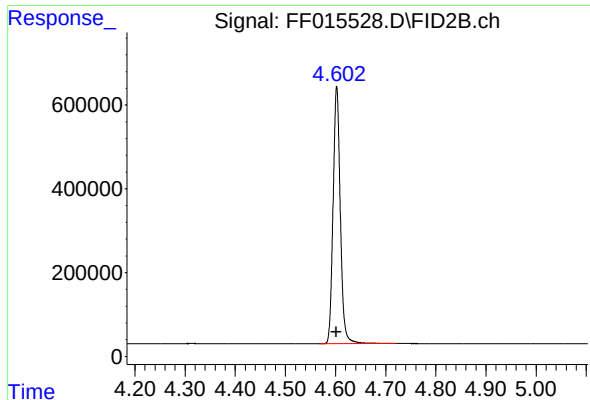
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
Data File : FF015528.D
Signal(s) : FID2B.ch
Acq On : 25 Feb 2025 09:30
Operator : YP\AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Feb 26 12:31:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Quant Title : GC Extractables
QLast Update : Wed Feb 26 12:26:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

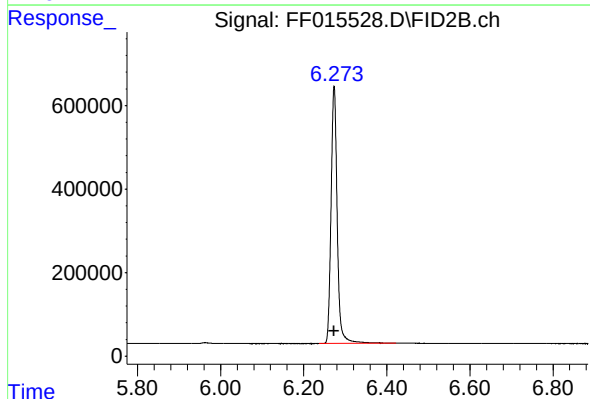




#1 1,2,3-Trimethylbenzene (C10.1)

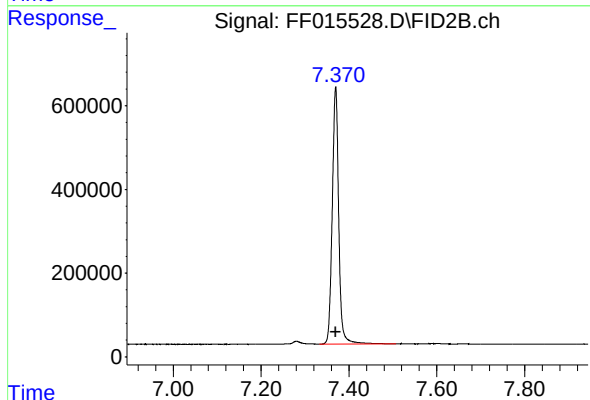
R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 6140419
Conc: 50.11 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



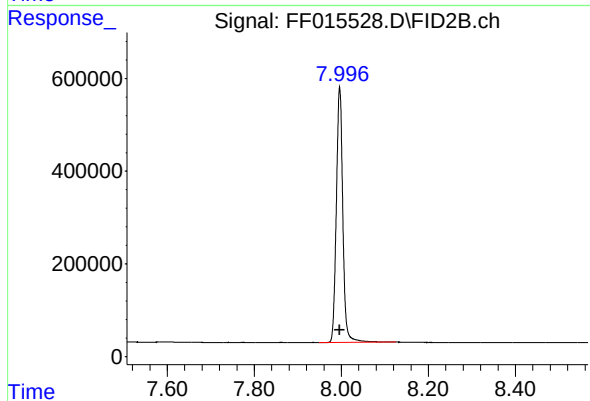
#2 Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 6321551
Conc: 50.31 ug/ml



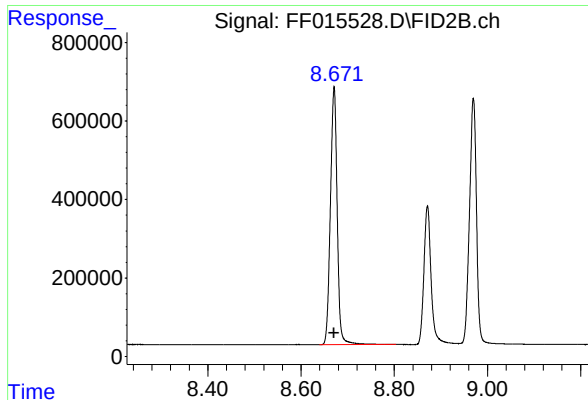
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 6257474
Conc: 50.17 ug/ml



#4 2-Bromonaphthalene (SURR)

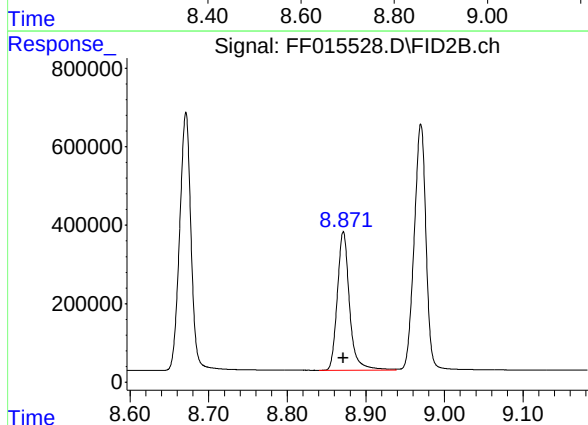
R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 5704504
Conc: 50.10 ug/ml



#5 Acenaphthylene (C15.06)

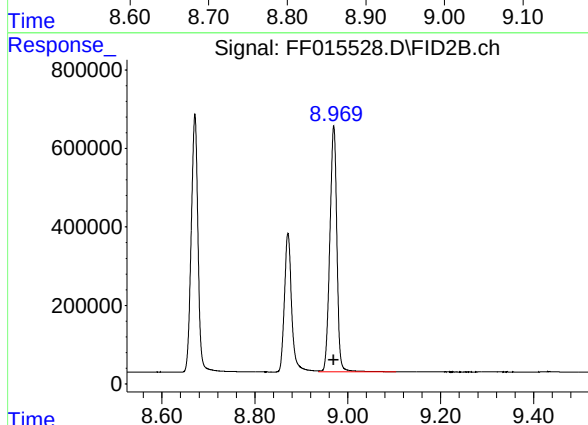
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 6644719
Conc: 49.89 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



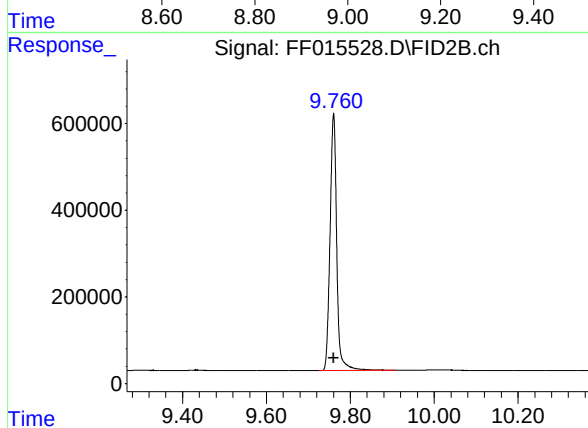
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.871 min
Delta R.T.: 0.000 min
Response: 3814026
Conc: 50.64 ug/ml



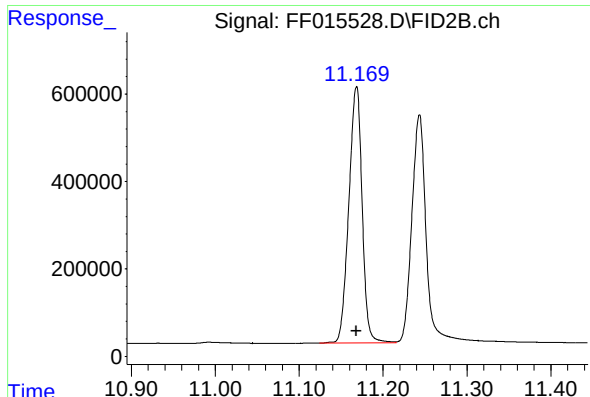
#7 Acenaphthene (C15.5)

R.T.: 8.970 min
Delta R.T.: 0.000 min
Response: 6592692
Conc: 49.83 ug/ml



#8 Flouorene (C16.55)

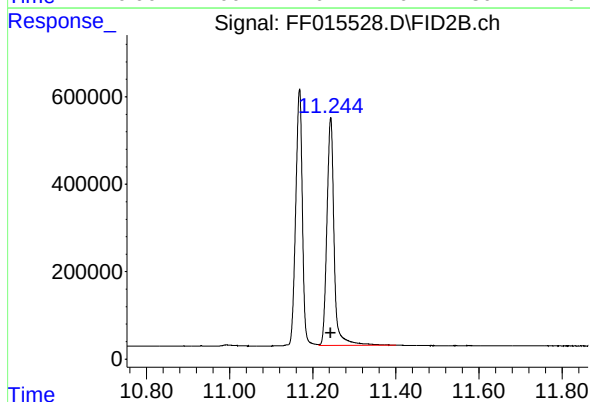
R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 6568021
Conc: 50.18 ug/ml



#9 Phenanthrene (C19.36)

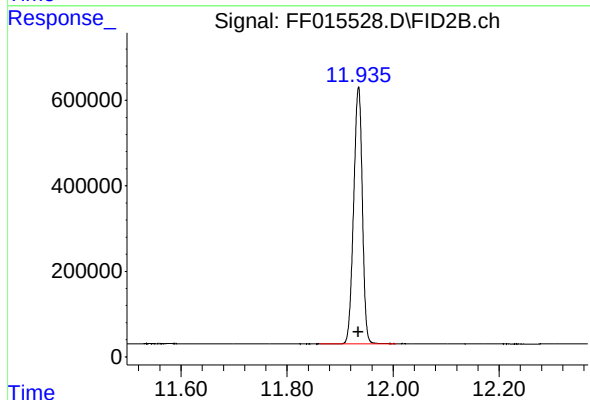
R.T.: 11.168 min
Delta R.T.: 0.000 min
Response: 6485720
Conc: 50.28 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



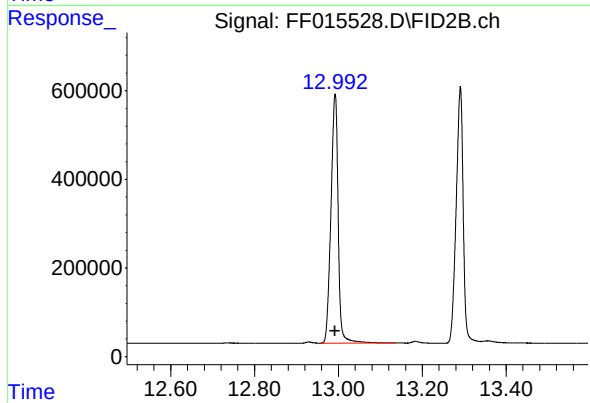
#10 Anthracene (C19.43)

R.T.: 11.243 min
Delta R.T.: 0.000 min
Response: 6294334
Conc: 50.22 ug/ml



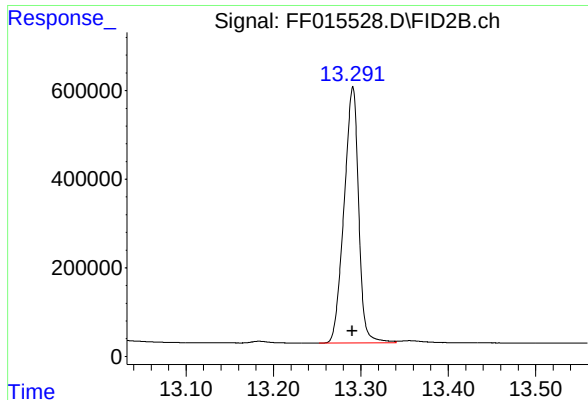
#11 ortho-Terphenyl (SURRE)

R.T.: 11.935 min
Delta R.T.: 0.000 min
Response: 6832040
Conc: 49.74 ug/ml



#12 Fluoranthene (C21.85)

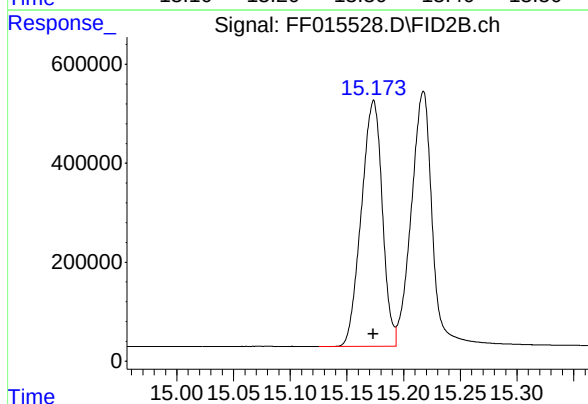
R.T.: 12.992 min
Delta R.T.: 0.000 min
Response: 6736882
Conc: 49.98 ug/ml



#13 Pyrene (C20.8)

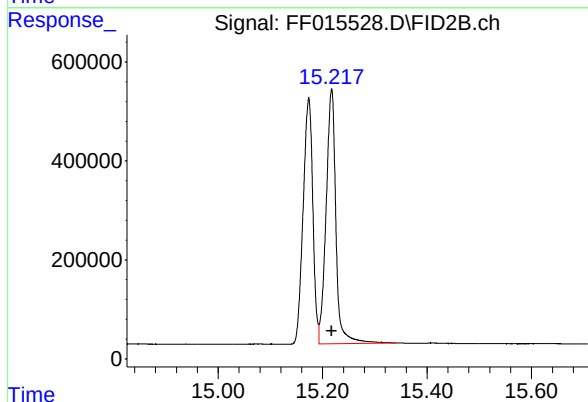
R.T.: 13.290 min
Delta R.T.: 0.000 min
Response: 6713113
Conc: 49.61 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



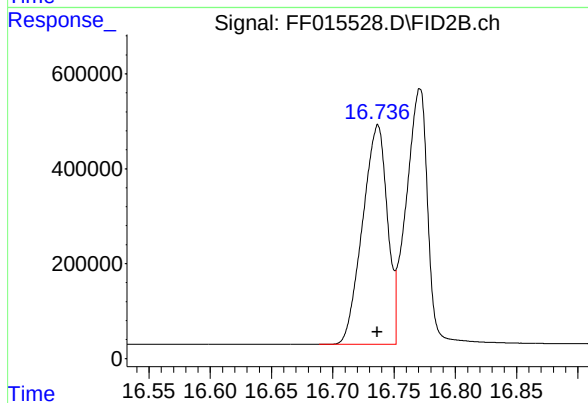
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.173 min
Delta R.T.: 0.000 min
Response: 6382398
Conc: 50.54 ug/ml



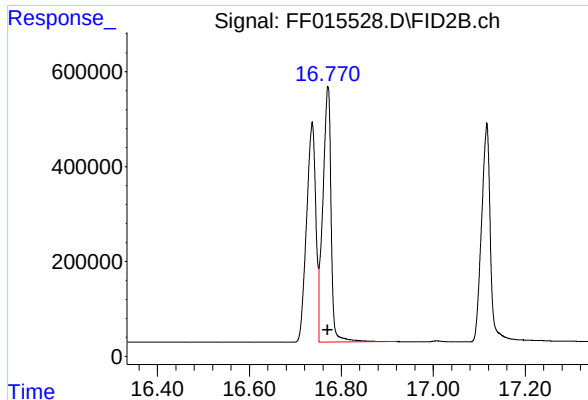
#15 Chrysene (C27.41)

R.T.: 15.217 min
Delta R.T.: 0.000 min
Response: 6702862
Conc: 49.19 ug/ml



#16 benzo[b]fluoranthene (C30.41)

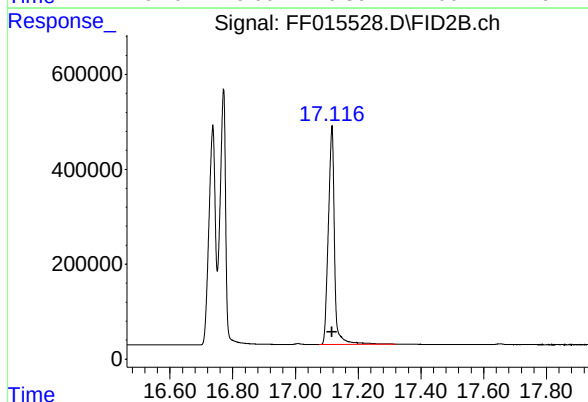
R.T.: 16.736 min
Delta R.T.: 0.000 min
Response: 6507369
Conc: 50.01 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

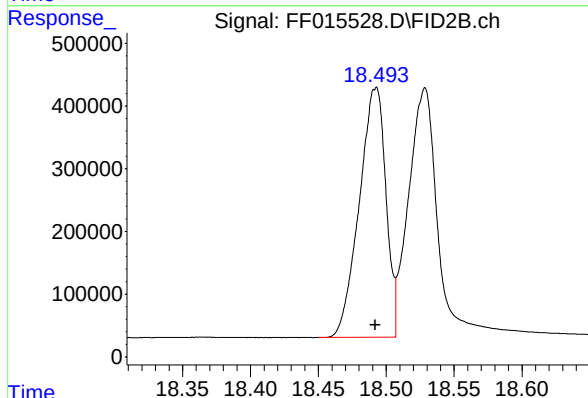
R.T.: 16.770 min
Delta R.T.: 0.000 min
Response: 6701753
Conc: 49.39 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



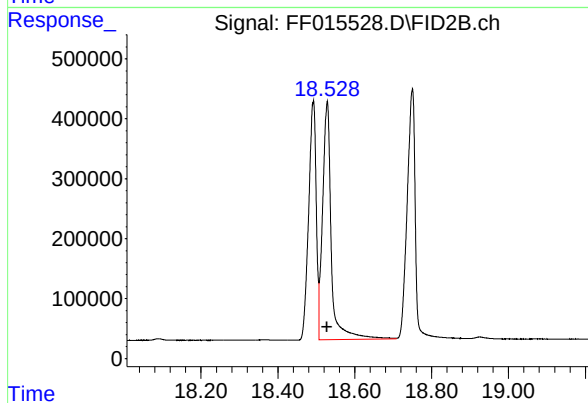
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.116 min
Delta R.T.: 0.000 min
Response: 6283729
Conc: 51.28 ug/ml



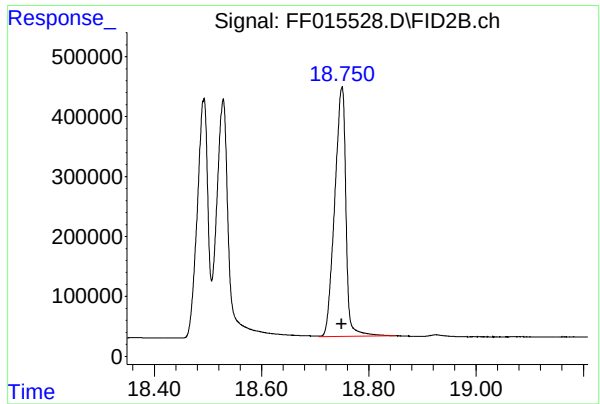
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.492 min
Delta R.T.: 0.000 min
Response: 5436862
Conc: 50.43 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.528 min
Delta R.T.: 0.000 min
Response: 6261165
Conc: 49.79 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.749 min
Delta R.T.: 0.000 min
Response: 6049307
Conc: 49.96 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
 Data File : FF015528.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 09:30
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.602	4.567	4.720	BB	613956	6140419	89.88%	4.672%
2	6.273	6.237	6.422	BB	617127	6321551	92.53%	4.810%
3	7.370	7.332	7.507	VV	617635	6257474	91.59%	4.761%
4	7.996	7.949	8.125	BB	550176	5704504	83.50%	4.340%
5	8.671	8.639	8.804	BB	656770	6644719	97.26%	5.056%
6	8.871	8.840	8.938	BV	354018	3814026	55.83%	2.902%
7	8.970	8.938	9.104	VB	628126	6592692	96.50%	5.016%
8	9.760	9.725	9.909	BB	594268	6568021	96.14%	4.997%
9	11.168	11.124	11.215	BV	589305	6485720	94.93%	4.935%
10	11.243	11.215	11.400	VBA	523723	6294334	92.13%	4.789%
11	11.935	11.860	12.005	BB	604176	6832040	100.00%	5.198%
12	12.992	12.954	13.137	VB	564012	6736882	98.61%	5.126%
13	13.290	13.252	13.340	BV	578658	6713113	98.26%	5.108%
14	15.173	15.125	15.193	BV	498907	6382398	93.42%	4.856%
15	15.217	15.193	15.340	VBA	515294	6702862	98.11%	5.100%
16	16.736	16.689	16.752	BV	464318	6507369	95.25%	4.951%
17	16.770	16.752	16.919	VB	539771	6701753	98.09%	5.099%
18	17.116	17.075	17.320	BB	455878	6283729	91.97%	4.781%
19	18.492	18.450	18.507	BV	396677	5436862	79.58%	4.137%
20	18.528	18.507	18.707	VV	399735	6261165	91.64%	4.764%
21	18.749	18.707	18.850	VBA	414410	6049307	88.54%	4.603%
Sum of corrected areas:						131430938		

Aromatic EPH 022625.M Wed Feb 26 12:46:47 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
 Data File : FF015529.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 09:59
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Feb 26 12:27:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:26:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.996	2350631	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.872	1499662	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.933	2910848	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	2570851	20.000 ug/ml
2) T Naphthalene (C11.7)	6.274	2577499	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	2573276	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.670	2803283	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.968	2806231	20.000 ug/ml
8) T Fluorene (C16.55)	9.760	2701482	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.166	2653141	20.000 ug/ml
10) T Anthracene (C19.43)	11.242	2577211	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.988	2808741	20.000 ug/ml
13) T Pyrene (C20.8)	13.287	2863104	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.169	2522372	20.000 ug/ml
15) T Chrysene (C27.41)	15.211	2936432	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.730	2670667	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.761	2910573	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.111	2410168	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.484	2018742	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.522	2732285	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.738	2503914	20.000 ug/ml

(f)=RT Delta > 1/2 Window

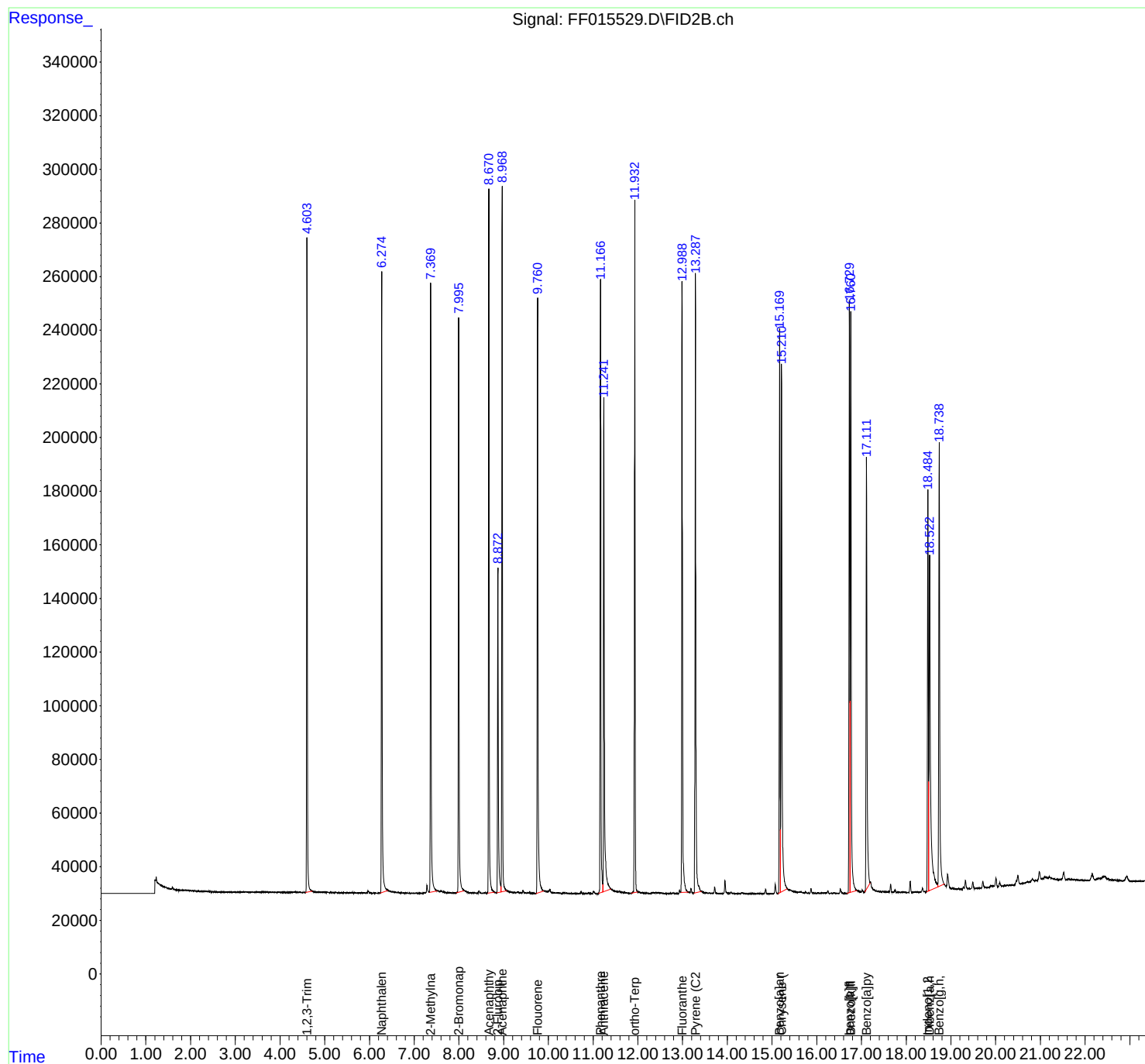
(m)=manual int.

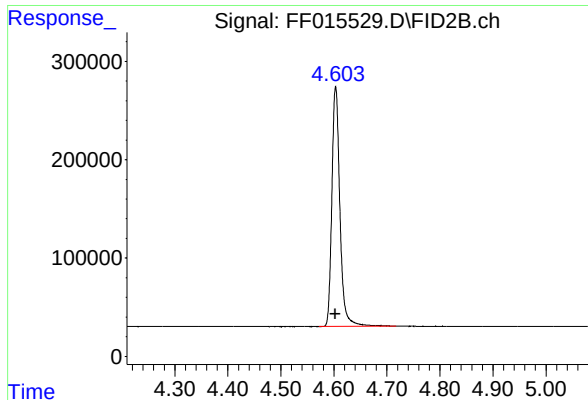
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
Data File : FF015529.D
Signal(s) : FID2B.ch
Acq On : 25 Feb 2025 09:59
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: autoint1.e
Quant Time: Feb 26 12:27:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Quant Title : GC Extractables
QLast Update : Wed Feb 26 12:26:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

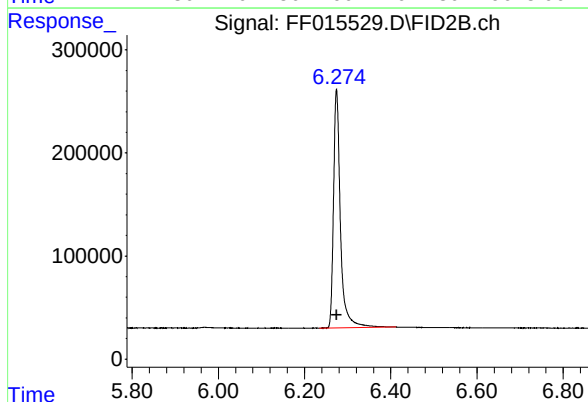




#1 1,2,3-Trimethylbenzene (C10.1)

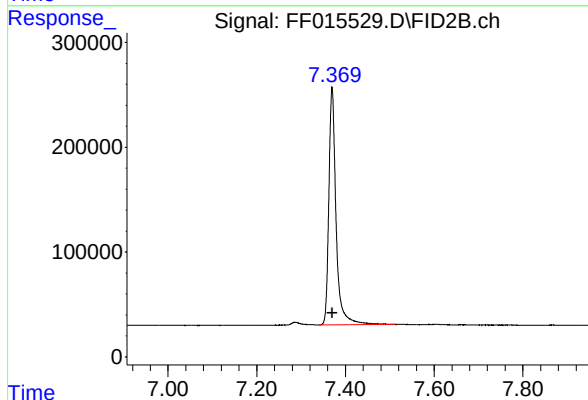
R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 2570851
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



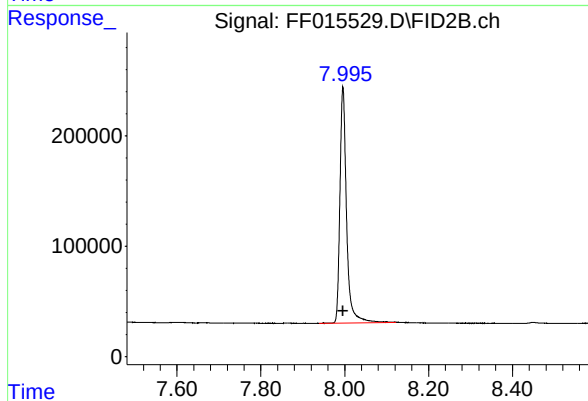
#2 Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 2577499
Conc: 20.00 ug/ml



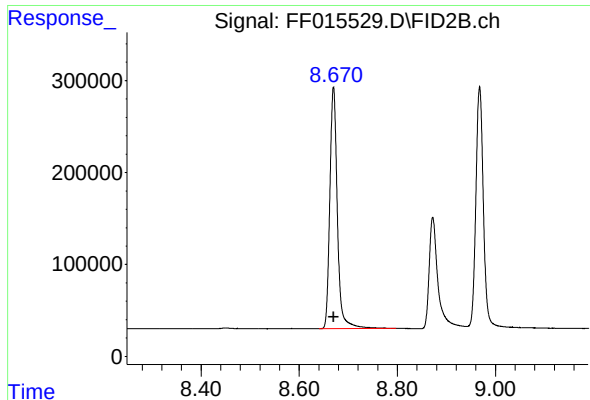
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 2573276
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

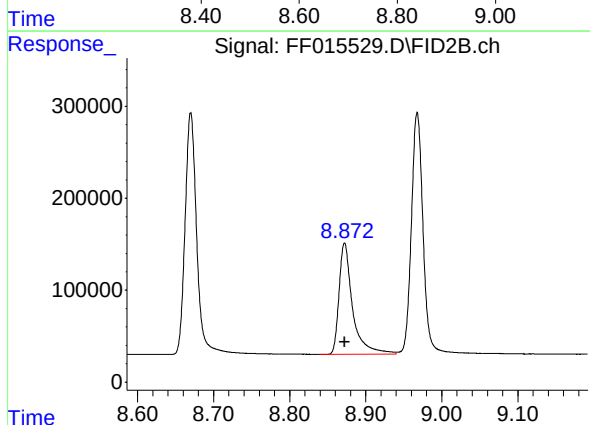
R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 2350631
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

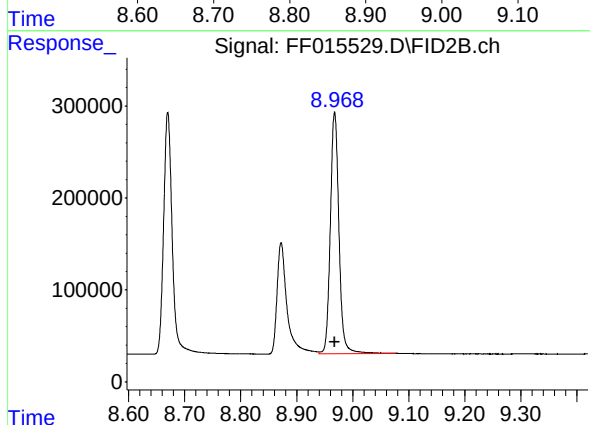
R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 2803283
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



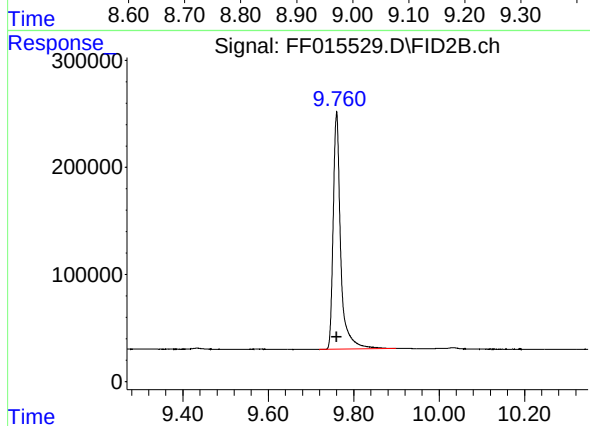
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.872 min
Delta R.T.: 0.000 min
Response: 1499662
Conc: 20.00 ug/ml



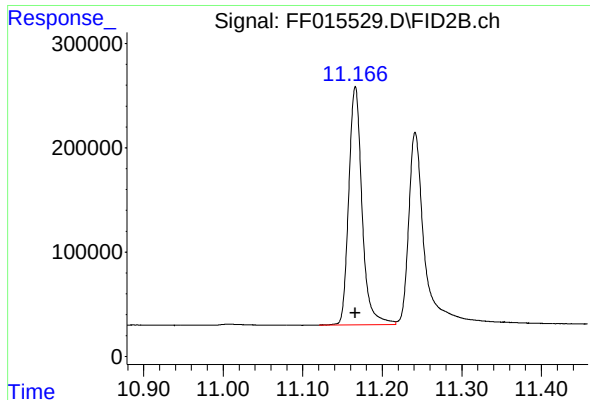
#7 Acenaphthene (C15.5)

R.T.: 8.968 min
Delta R.T.: 0.000 min
Response: 2806231
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

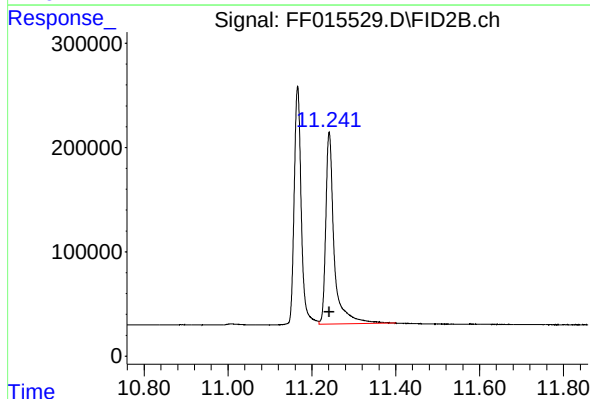
R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 2701482
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

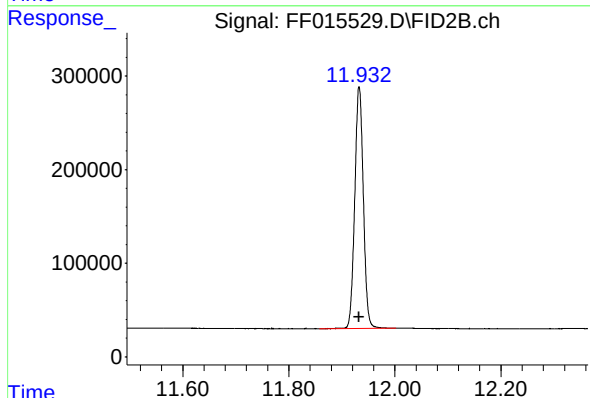
R.T.: 11.166 min
Delta R.T.: 0.000 min
Response: 2653141
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



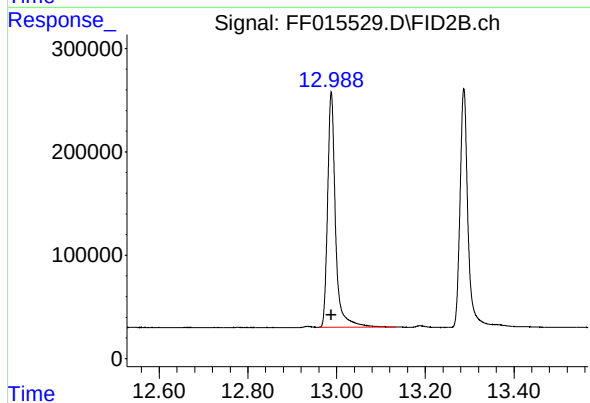
#10 Anthracene (C19.43)

R.T.: 11.242 min
Delta R.T.: 0.000 min
Response: 2577211
Conc: 20.00 ug/ml



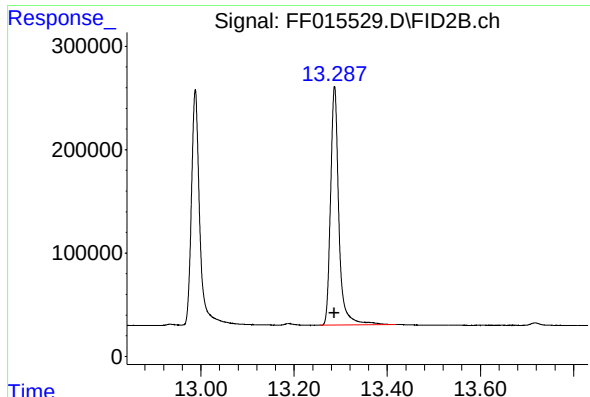
#11 ortho-Terphenyl (SURRE)

R.T.: 11.933 min
Delta R.T.: 0.000 min
Response: 2910848
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

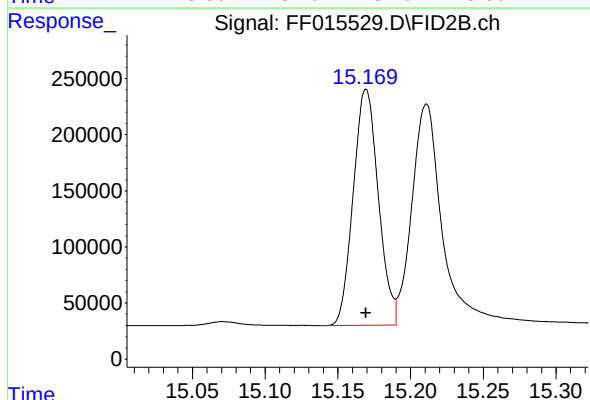
R.T.: 12.988 min
Delta R.T.: 0.000 min
Response: 2808741
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

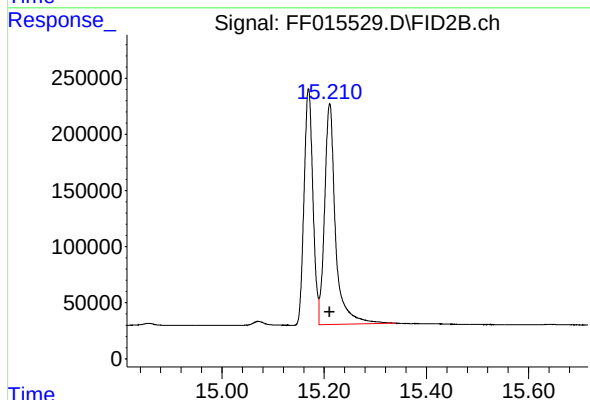
R.T.: 13.287 min
Delta R.T.: 0.000 min
Response: 2863104
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



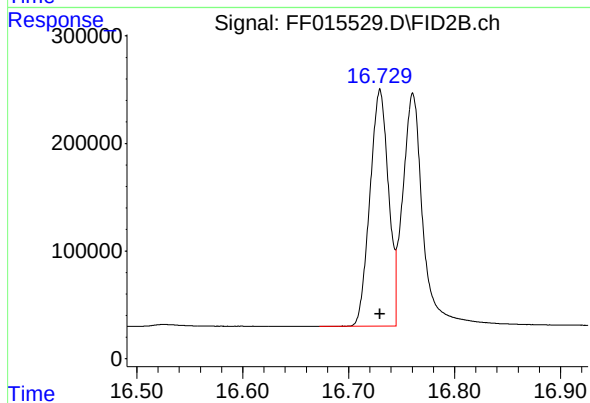
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.169 min
Delta R.T.: 0.000 min
Response: 2522372
Conc: 20.00 ug/ml



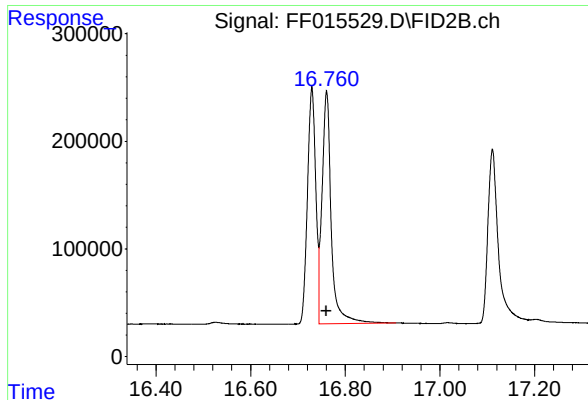
#15 Chrysene (C27.41)

R.T.: 15.211 min
Delta R.T.: 0.000 min
Response: 2936432
Conc: 20.00 ug/ml



#16 benzo[b]fluoranthene (C30.41)

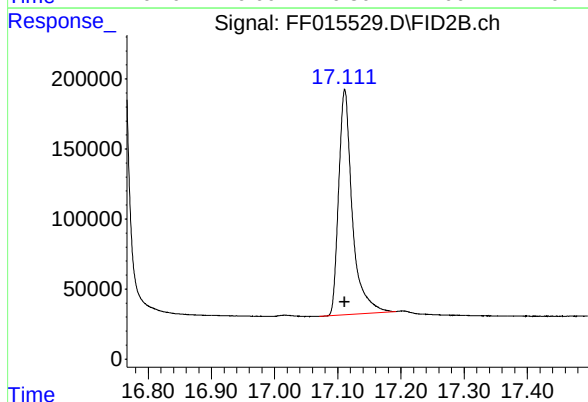
R.T.: 16.730 min
Delta R.T.: 0.000 min
Response: 2670667
Conc: 20.00 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

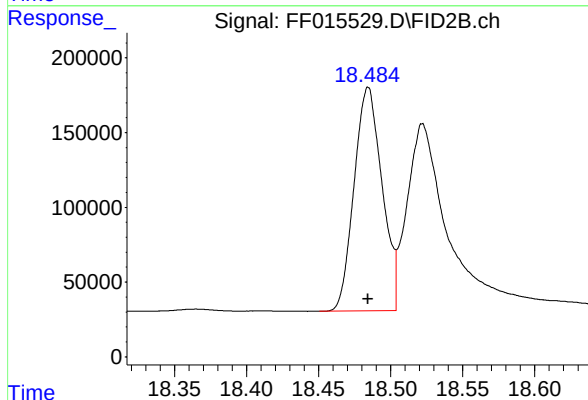
R.T.: 16.761 min
Delta R.T.: 0.000 min
Response: 2910573
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



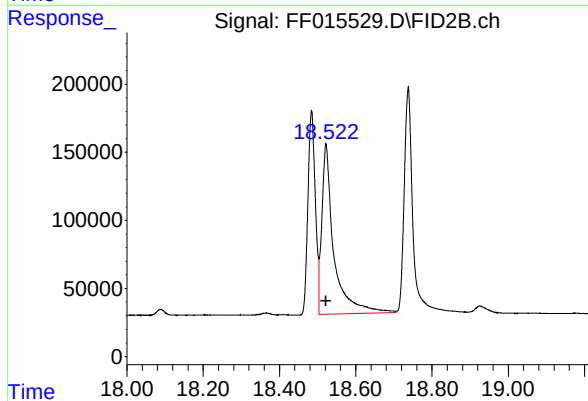
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.111 min
Delta R.T.: 0.000 min
Response: 2410168
Conc: 20.00 ug/ml



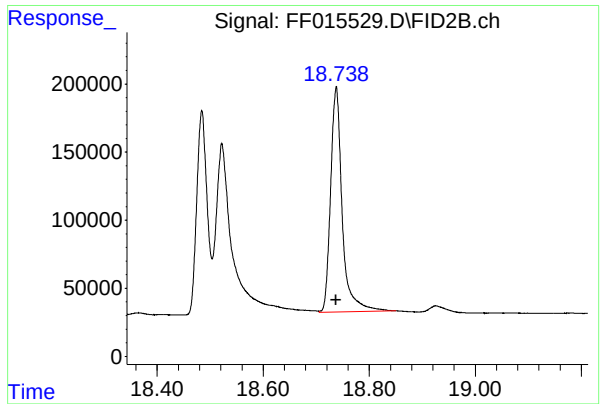
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.484 min
Delta R.T.: 0.000 min
Response: 2018742
Conc: 20.00 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.522 min
Delta R.T.: 0.000 min
Response: 2732285
Conc: 20.00 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.738 min
Delta R.T.: 0.000 min
Response: 2503914
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
Data File : FF015529.D
Signal(s) : FID2B.ch
Acq On : 25 Feb 2025 09:59
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.603	4.572	4.717	BB	243820	2570851	87.55%	4.726%
2	6.274	6.234	6.412	BB	230943	2577499	87.78%	4.738%
3	7.370	7.340	7.514	PB	226306	2573276	87.63%	4.730%
4	7.996	7.939	8.122	BB	214120	2350631	80.05%	4.321%
5	8.670	8.640	8.797	BB	262840	2803283	95.47%	5.153%
6	8.872	8.839	8.940	BV	121049	1499662	51.07%	2.757%
7	8.968	8.940	9.077	VB	261975	2806231	95.57%	5.158%
8	9.760	9.719	9.899	BB	222608	2701482	92.00%	4.966%
9	11.166	11.120	11.217	BV	228277	2653141	90.35%	4.877%
10	11.242	11.217	11.400	VBA	183733	2577211	87.77%	4.737%
11	11.933	11.857	12.002	BB	259102	2910848	99.13%	5.351%
12	12.988	12.960	13.134	BB	227893	2808741	95.65%	5.163%
13	13.287	13.254	13.419	BB	231291	2863104	97.50%	5.263%
14	15.169	15.137	15.190	BV	210310	2522372	85.90%	4.637%
15	15.211	15.190	15.340	VBA	196698	2936432	100.00%	5.398%
16	16.730	16.672	16.745	BV	219532	2670667	90.95%	4.909%
17	16.761	16.745	16.907	VB	216273	2910573	99.12%	5.350%
18	17.111	17.070	17.192	BV	160810	2410168	82.08%	4.430%
19	18.484	18.450	18.504	BV	149873	2018742	68.75%	3.711%
20	18.522	18.504	18.705	VV	124814	2732285	93.05%	5.022%
21	18.738	18.705	18.850	VBA	164694	2503914	85.27%	4.603%
Sum of corrected areas:							54401113	

Aromatic EPH 022625.M Wed Feb 26 12:46:27 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
 Data File : FF015530.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 10:28
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Feb 26 12:32:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:26:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.998	1328026	11.198 ug/ml
Spiked Amount 50.000		Recovery =	22.40%
6) S 2-Fluorobiphenyl (SURR)	8.876	783654	10.301 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.60%
11) S ortho-Terphenyl (SURR)	11.932	1681667	11.593 ug/ml
Spiked Amount 50.000		Recovery =	23.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.606	1453713	11.335 ug/ml
2) T Naphthalene (C11.7)	6.277	1428112	10.991 ug/ml
3) T 2-Methylnaphthalene (...)	7.372	1426121	11.039 ug/ml
5) T Acenaphthylene (C15.06)	8.671	1616916	11.523 ug/ml
7) T Acenaphthene (C15.5)	8.968	1621490	11.602 ug/ml
8) T Fluorene (C16.55)	9.761	1494683	11.029 ug/ml
9) T Phenanthrene (C19.36)	11.167	1458311	10.948 ug/ml
10) T Anthracene (C19.43)	11.244	1405178	10.882 ug/ml
12) T Fluoranthene (C21.85)	12.989	1604701	11.364 ug/ml
13) T Pyrene (C20.8)	13.287	1650019	11.559 ug/ml
14) T Benzo[a]anthracene (C...	15.170	1262368	9.997 ug/ml
15) T Chrysene (C27.41)	15.211	1748922	11.986 ug/ml
16) T benzo[b]fluoranthene ...	16.730	1459147	10.884 ug/ml
17) T Bnezo[k]fluoranthene ...	16.761	1716828	11.865 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.115	1455897	11.347 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.489	1036997	9.711 ug/ml
20) T Dibenz[a,h]anthracene...	18.531	1527081	11.526 ug/ml
21) T Benzo[g,h,i]perylene ...	18.738	1411226	11.191 ug/ml

(f)=RT Delta > 1/2 Window

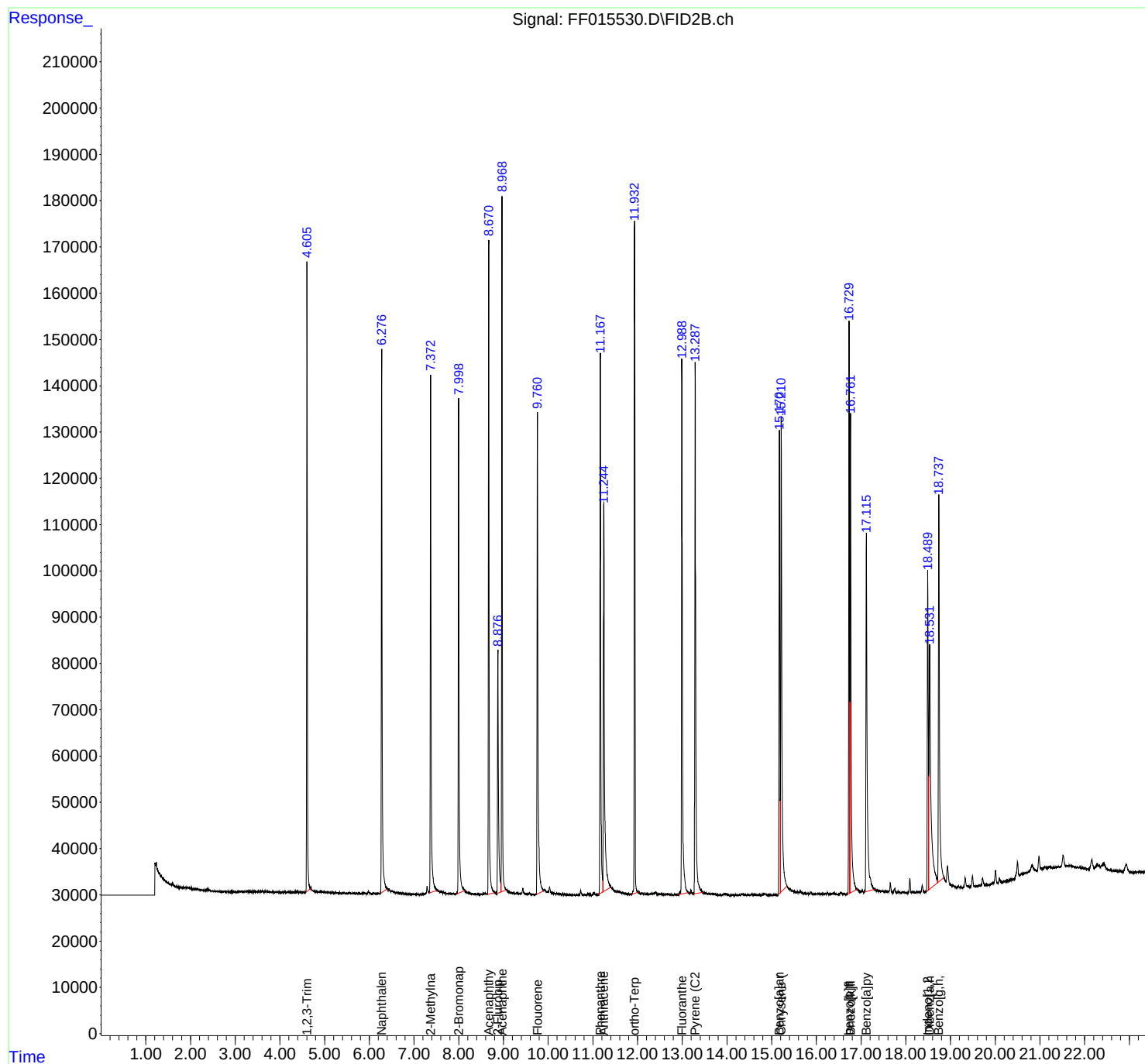
(m)=manual int.

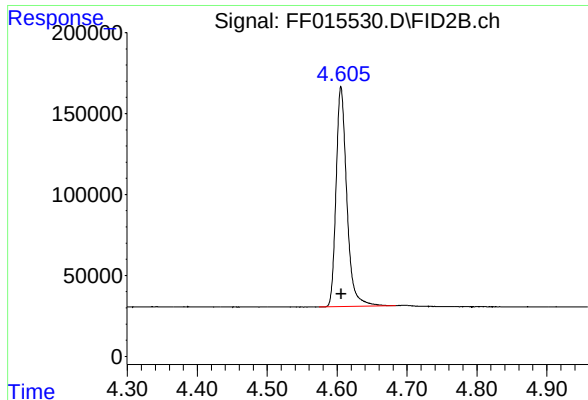
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
Data File : FF015530.D
Signal(s) : FID2B.ch
Acq On : 25 Feb 2025 10:28
Operator : YP\AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

Integration File: autoint1.e
Quant Time: Feb 26 12:32:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Quant Title : GC Extractables
QLast Update : Wed Feb 26 12:26:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

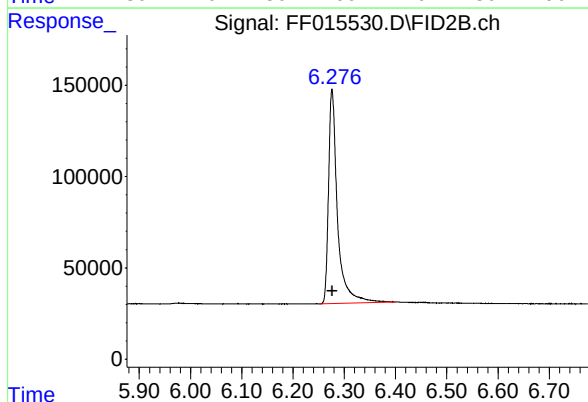




#1 1,2,3-Trimethylbenzene (C10.1)

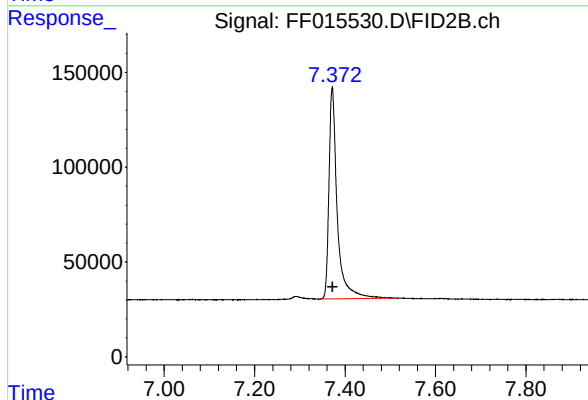
R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 1453713
Conc: 11.33 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



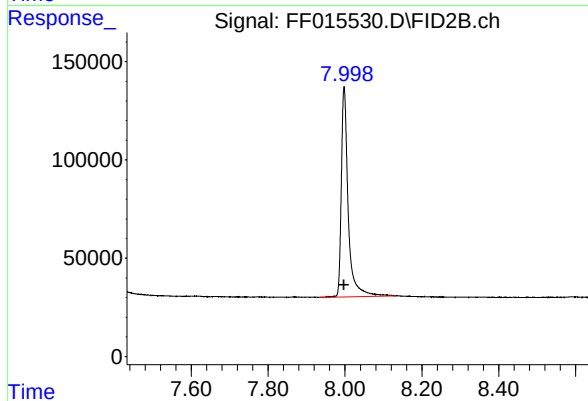
#2 Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 1428112
Conc: 10.99 ug/ml



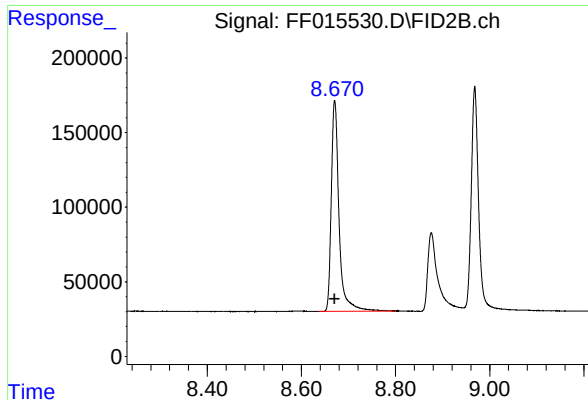
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 1426121
Conc: 11.04 ug/ml



#4 2-Bromonaphthalene (SURR)

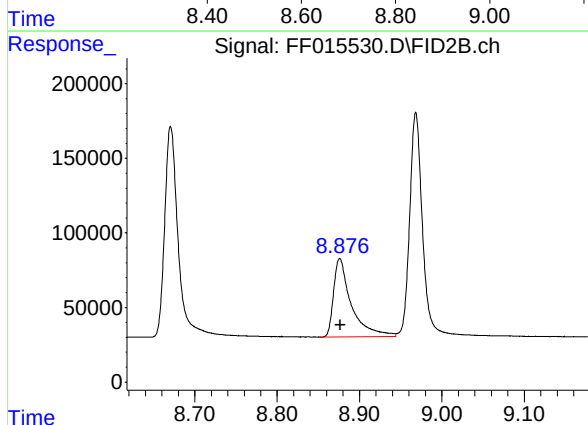
R.T.: 7.998 min
Delta R.T.: 0.000 min
Response: 1328026
Conc: 11.20 ug/ml



#5 Acenaphthylene (C15.06)

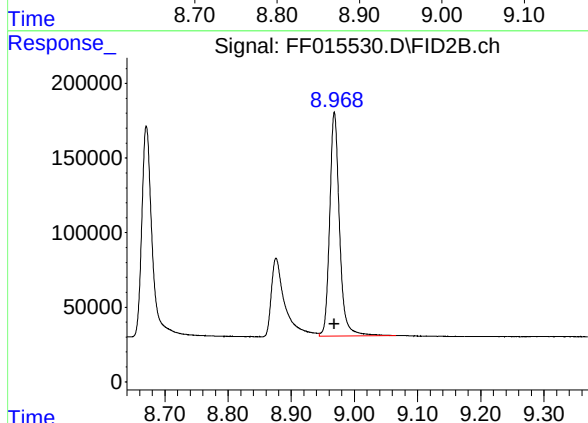
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 1616916
Conc: 11.52 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



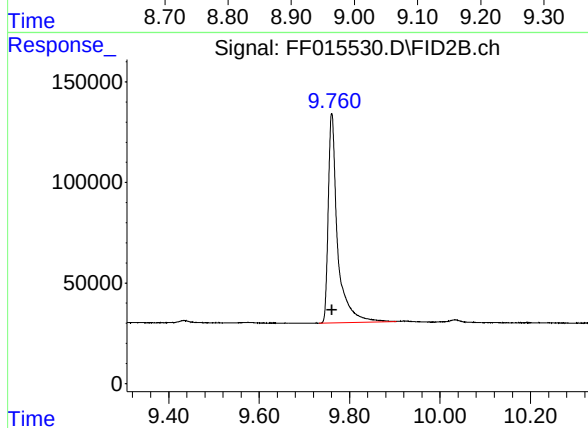
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.876 min
Delta R.T.: 0.000 min
Response: 783654
Conc: 10.30 ug/ml



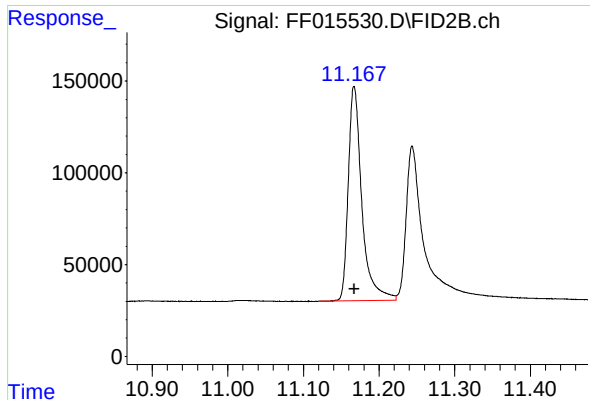
#7 Acenaphthene (C15.5)

R.T.: 8.968 min
Delta R.T.: 0.000 min
Response: 1621490
Conc: 11.60 ug/ml



#8 Flouorene (C16.55)

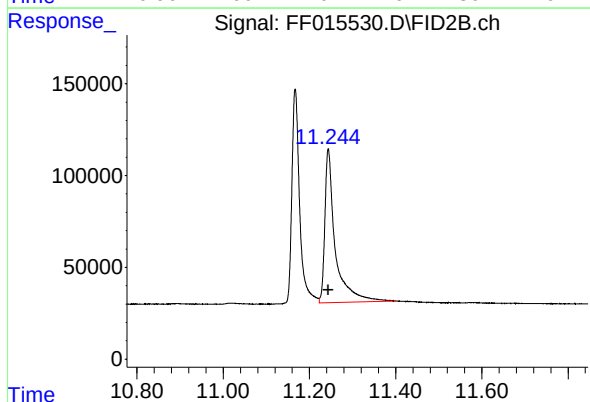
R.T.: 9.761 min
Delta R.T.: 0.000 min
Response: 1494683
Conc: 11.03 ug/ml



#9 Phenanthrene (C19.36)

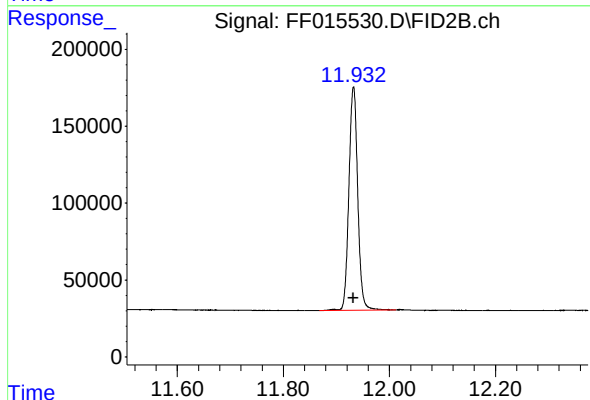
R.T.: 11.167 min
Delta R.T.: 0.000 min
Response: 1458311
Conc: 10.95 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



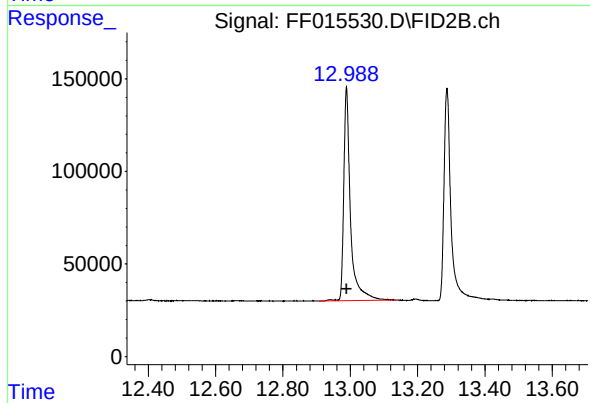
#10 Anthracene (C19.43)

R.T.: 11.244 min
Delta R.T.: 0.000 min
Response: 1405178
Conc: 10.88 ug/ml



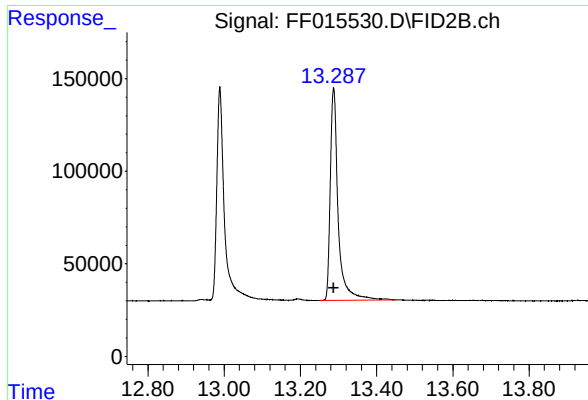
#11 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: 0.000 min
Response: 1681667
Conc: 11.59 ug/ml



#12 Fluoranthene (C21.85)

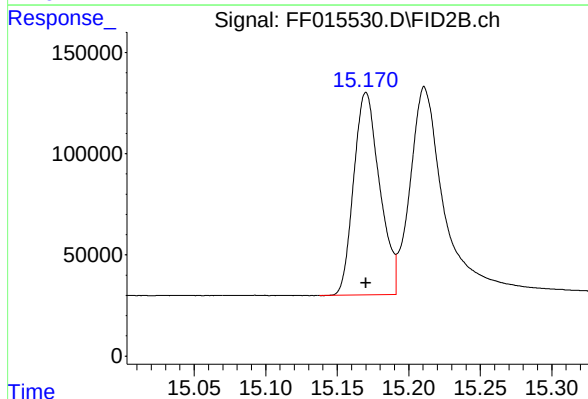
R.T.: 12.989 min
Delta R.T.: 0.000 min
Response: 1604701
Conc: 11.36 ug/ml



#13 Pyrene (C20.8)

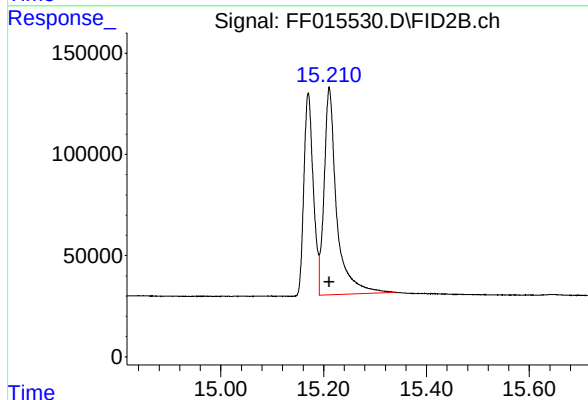
R.T.: 13.287 min
Delta R.T.: 0.000 min
Response: 1650019
Conc: 11.56 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



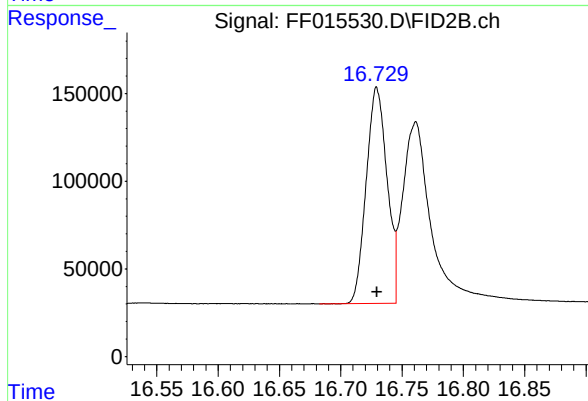
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.170 min
Delta R.T.: 0.000 min
Response: 1262368
Conc: 10.00 ug/ml



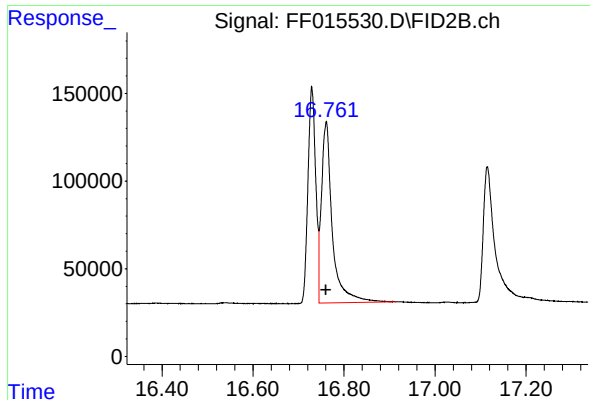
#15 Chrysene (C27.41)

R.T.: 15.211 min
Delta R.T.: 0.000 min
Response: 1748922
Conc: 11.99 ug/ml



#16 benzo[b]fluoranthene (C30.41)

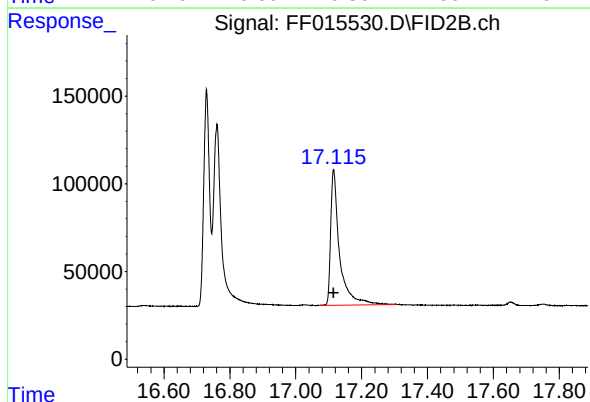
R.T.: 16.730 min
Delta R.T.: 0.000 min
Response: 1459147
Conc: 10.88 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

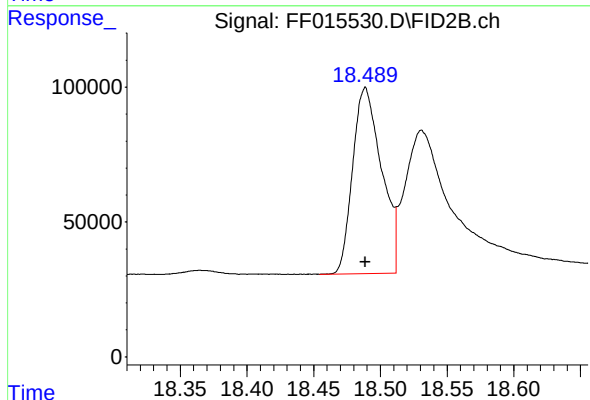
R.T.: 16.761 min
Delta R.T.: 0.000 min
Response: 1716828
Conc: 11.86 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



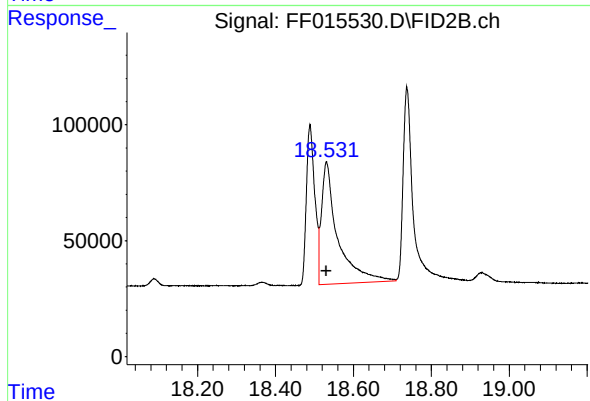
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.115 min
Delta R.T.: 0.000 min
Response: 1455897
Conc: 11.35 ug/ml



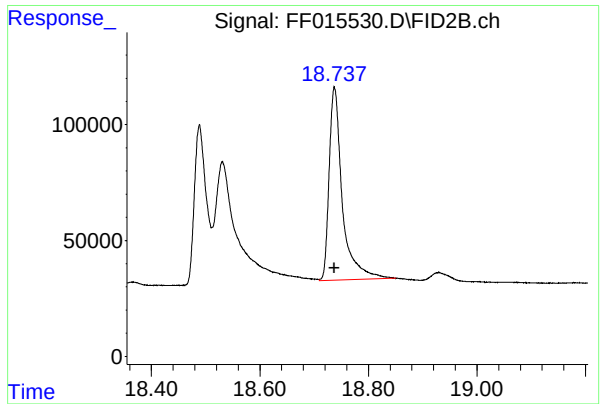
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.489 min
Delta R.T.: 0.000 min
Response: 1036997
Conc: 9.71 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.531 min
Delta R.T.: 0.000 min
Response: 1527081
Conc: 11.53 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.738 min
Delta R.T.: 0.000 min
Response: 1411226
Conc: 11.19 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
 Data File : FF015530.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 10:28
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.606	4.574	4.684	BB	135570	1453713	83.12%	4.755%
2	6.277	6.251	6.401	BB	117203	1428112	81.66%	4.671%
3	7.372	7.342	7.512	BB	111457	1426121	81.54%	4.665%
4	7.998	7.932	8.132	BB	106660	1328026	75.93%	4.344%
5	8.671	8.637	8.801	BB	141051	1616916	92.45%	5.289%
6	8.876	8.851	8.944	BV	52447	783654	44.81%	2.563%
7	8.968	8.944	9.066	VB	149872	1621490	92.71%	5.304%
8	9.761	9.732	9.902	BB	104020	1494683	85.46%	4.889%
9	11.167	11.121	11.222	BV	116524	1458311	83.38%	4.770%
10	11.244	11.222	11.401	VBA	83582	1405178	80.35%	4.596%
11	11.932	11.867	12.012	BB	145556	1681667	96.15%	5.501%
12	12.989	12.907	13.136	BB	115242	1604701	91.75%	5.249%
13	13.287	13.249	13.451	BB	114790	1650019	94.34%	5.397%
14	15.170	15.137	15.191	BV	100083	1262368	72.18%	4.129%
15	15.211	15.191	15.341	VBA	102442	1748922	100.00%	5.721%
16	16.730	16.682	16.745	BV	123335	1459147	83.43%	4.773%
17	16.761	16.745	16.914	VB	103393	1716828	98.16%	5.616%
18	17.115	17.071	17.304	BB	77330	1455897	83.25%	4.762%
19	18.489	18.454	18.512	BV	69163	1036997	59.29%	3.392%
20	18.531	18.512	18.709	VV	52761	1527081	87.32%	4.995%
21	18.738	18.709	18.851	VBA	83306	1411226	80.69%	4.616%
Sum of corrected areas:						30571055		

Aromatic EPH 022625.M Wed Feb 26 12:45:57 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
 Data File : FF015531.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 10:58
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Feb 26 12:35:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:26:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.003	538529	4.626 ug/ml
Spiked Amount 50.000		Recovery =	9.25%
6) S 2-Fluorobiphenyl (SURR)	8.892	259291	3.640 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.28%
11) S ortho-Terphenyl (SURR)	11.934	776499	5.279 ug/ml
Spiked Amount 50.000		Recovery =	10.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.606	662305	5.130 ug/ml
2) T Naphthalene (C11.7)	6.281	591957	4.638 ug/ml
3) T 2-Methylnaphthalene (...)	7.378	581701	4.594 ug/ml
5) T Acenaphthylene (C15.06)	8.674	727458	5.146 ug/ml
7) T Acenaphthene (C15.5)	8.970	765465	5.374 ug/ml
8) T Fluorene (C16.55)	9.769	616053	4.630 ug/ml
9) T Phenanthrene (C19.36)	11.176	587822	4.519 ug/ml
10) T Anthracene (C19.43)	11.258	548650	4.380 ug/ml
12) T Fluoranthene (C21.85)	12.998	706215	5.001 ug/ml
13) T Pyrene (C20.8)	13.294	739289	5.142 ug/ml
14) T Benzo[a]anthracene (C...	15.181	411104	3.500 ug/ml
15) T Chrysene (C27.41)	15.219	815728	5.461 ug/ml
16) T benzo[b]fluoranthene ...	16.737	574628	4.412 ug/ml
17) T Bnezo[k]fluoranthene ...	16.770	836422	5.605 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.130	606525	4.779 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.510	423177	4.134 ug/ml
20) T Dibenz[a,h]anthracene...	18.555	582595	4.439 ug/ml
21) T Benzo[g,h,i]perylene ...	18.747	589049	4.734 ug/ml

(f)=RT Delta > 1/2 Window

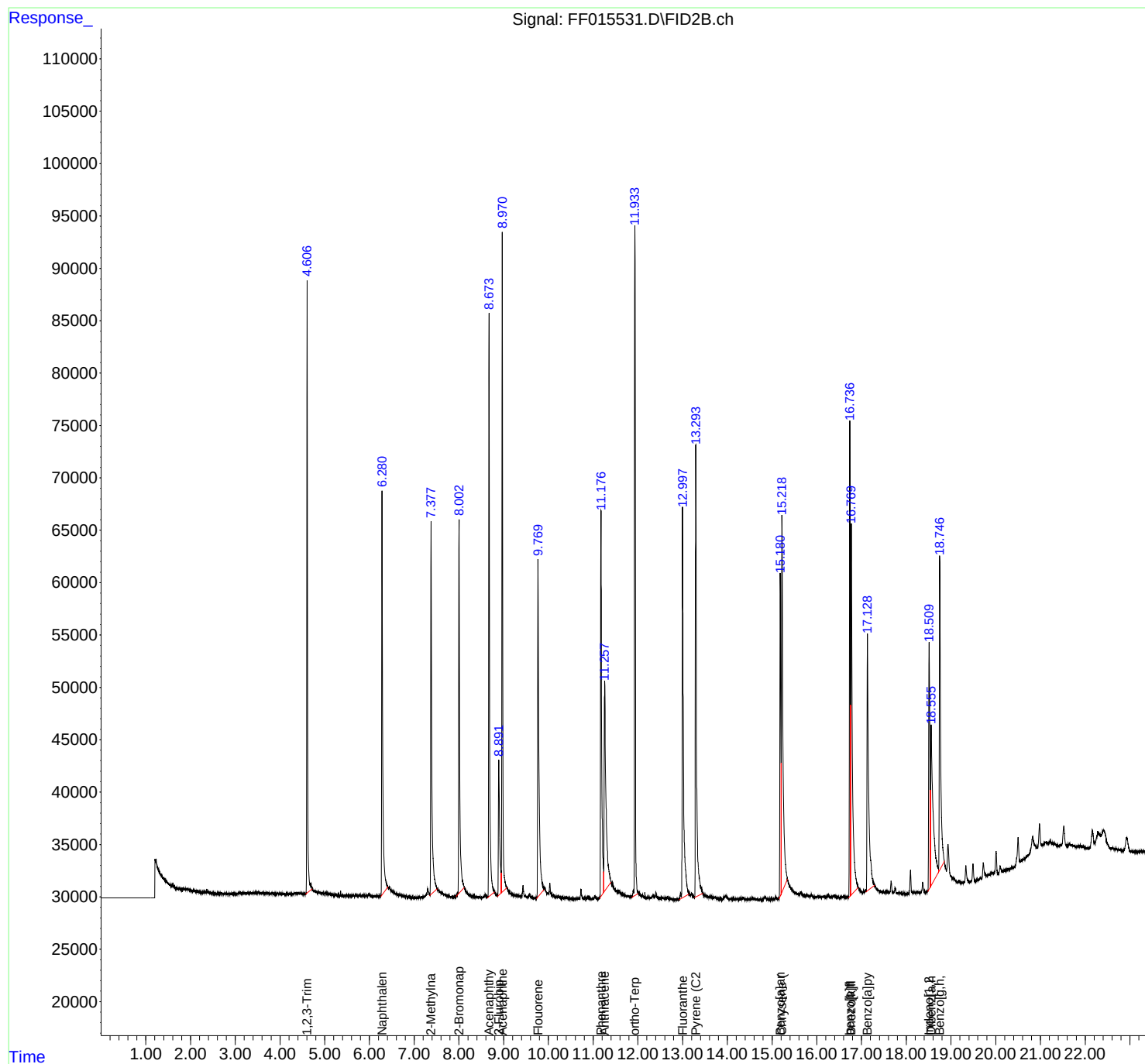
(m)=manual int.

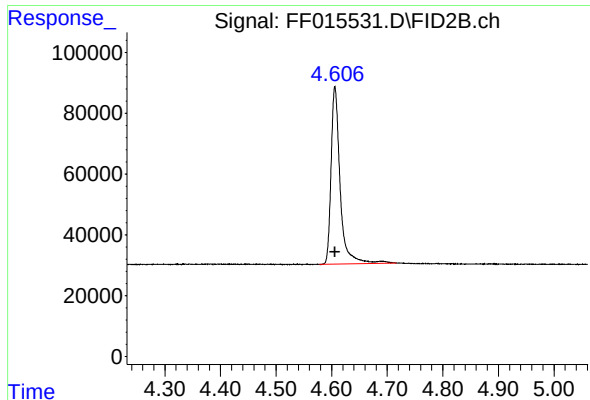
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
Data File : FF015531.D
Signal(s) : FID2B.ch
Acq On : 25 Feb 2025 10:58
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

Integration File: autoint1.e
Quant Time: Feb 26 12:35:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Quant Title : GC Extractables
QLast Update : Wed Feb 26 12:26:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

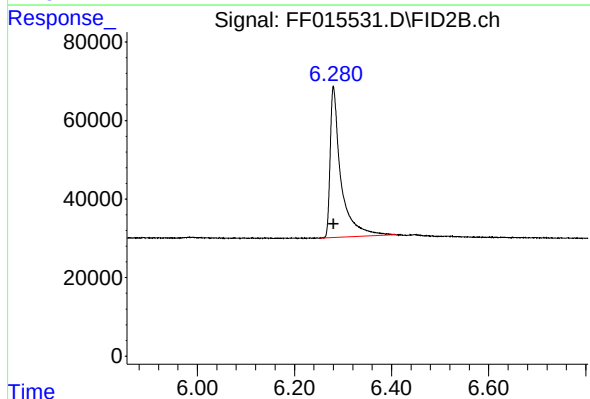




#1 1,2,3-Trimethylbenzene (C10.1)

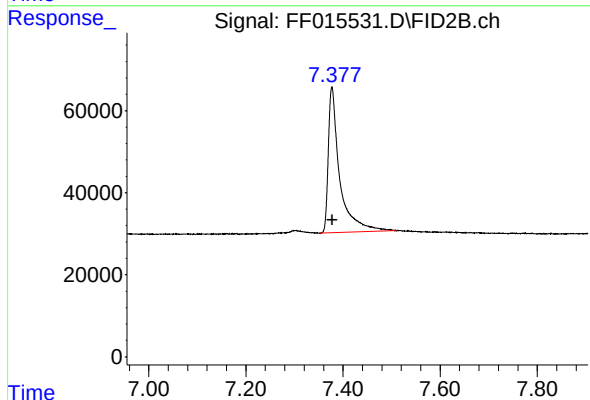
R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 662305
Conc: 5.13 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



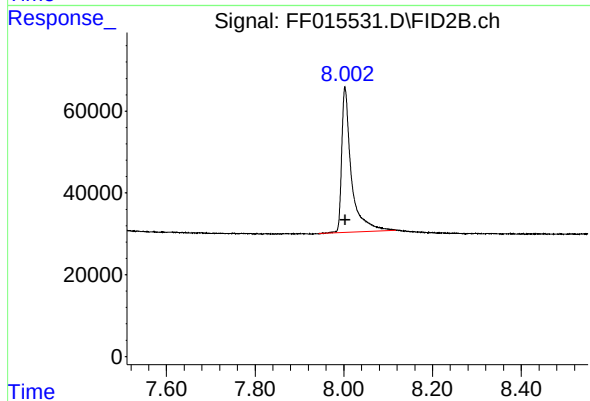
#2 Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 591957
Conc: 4.64 ug/ml



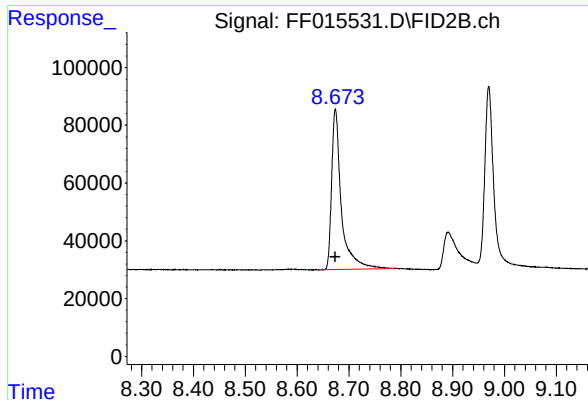
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.378 min
Delta R.T.: 0.000 min
Response: 581701
Conc: 4.59 ug/ml



#4 2-Bromonaphthalene (SURR)

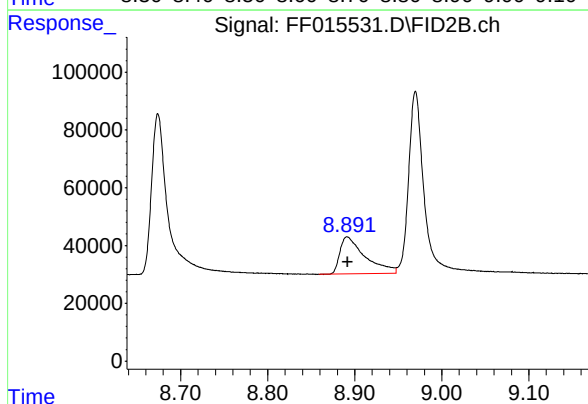
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 538529
Conc: 4.63 ug/ml



#5 Acenaphthylene (C15.06)

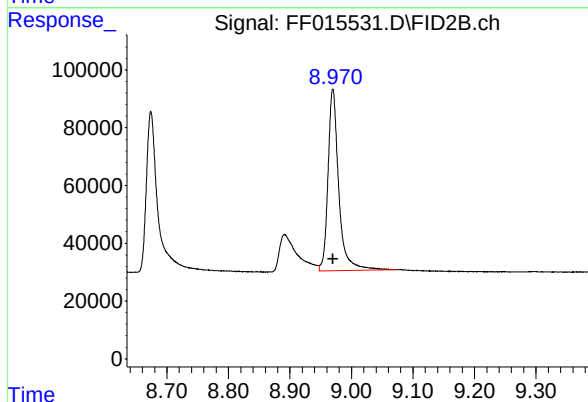
R.T.: 8.674 min
Delta R.T.: 0.000 min
Response: 727458
Conc: 5.15 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



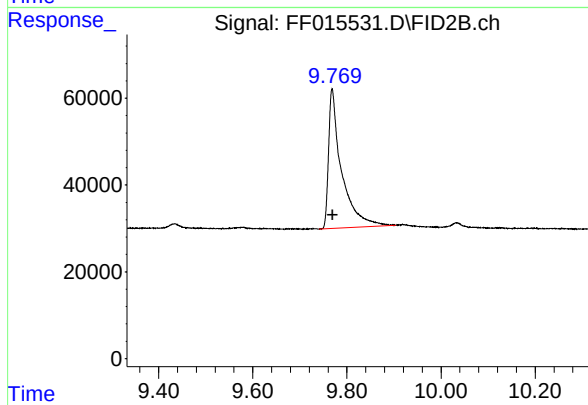
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 259291
Conc: 3.64 ug/ml



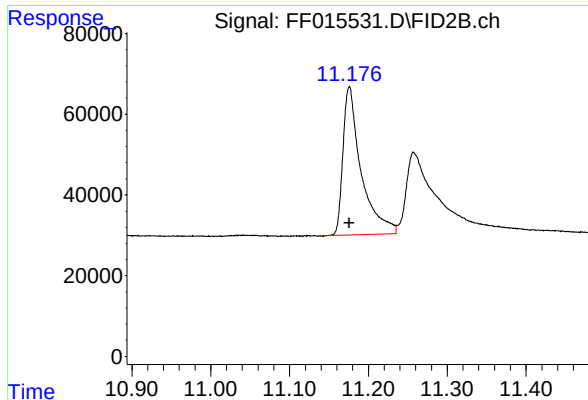
#7 Acenaphthene (C15.5)

R.T.: 8.970 min
Delta R.T.: 0.000 min
Response: 765465
Conc: 5.37 ug/ml



#8 Flouorene (C16.55)

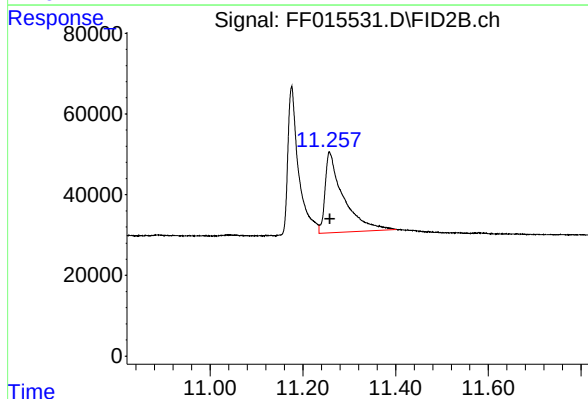
R.T.: 9.769 min
Delta R.T.: 0.000 min
Response: 616053
Conc: 4.63 ug/ml



#9 Phenanthrene (C19.36)

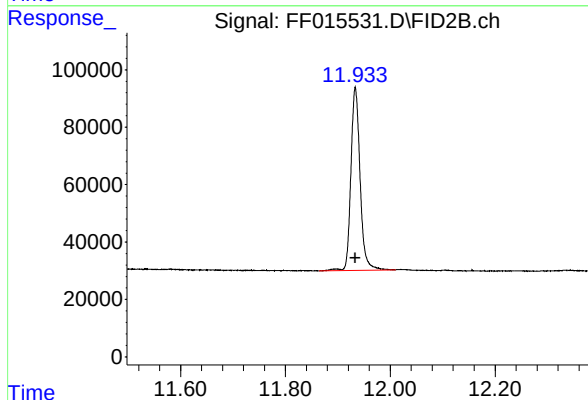
R.T.: 11.176 min
Delta R.T.: 0.000 min
Response: 587822
Conc: 4.52 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



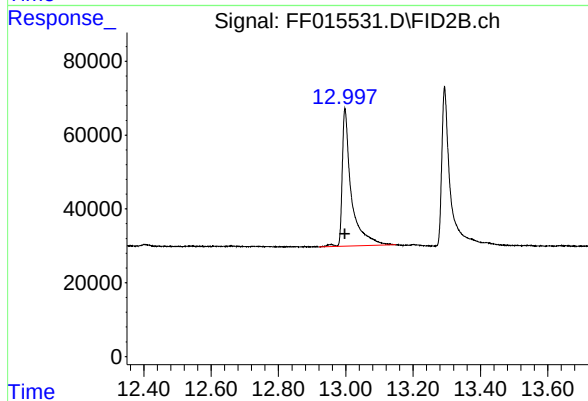
#10 Anthracene (C19.43)

R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 548650
Conc: 4.38 ug/ml



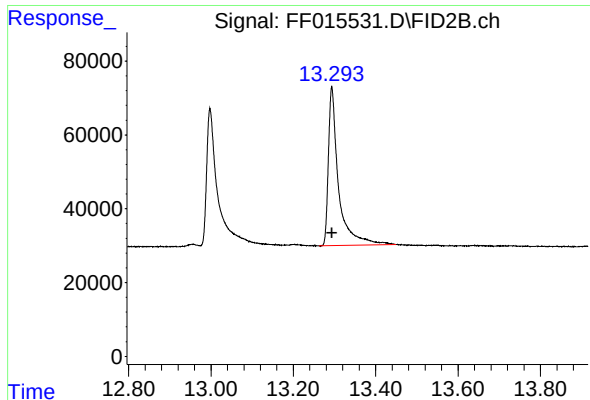
#11 ortho-Terphenyl (SURRE)

R.T.: 11.934 min
Delta R.T.: 0.000 min
Response: 776499
Conc: 5.28 ug/ml



#12 Fluoranthene (C21.85)

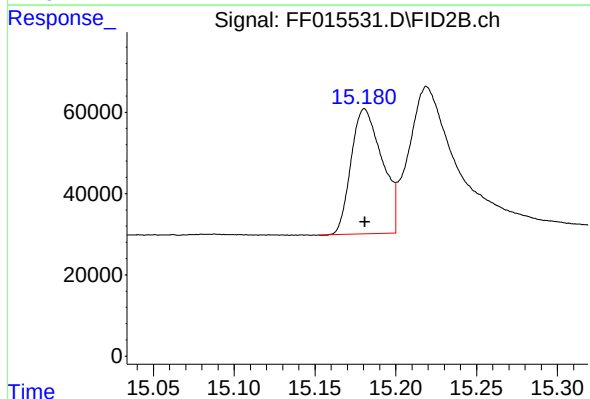
R.T.: 12.998 min
Delta R.T.: 0.000 min
Response: 706215
Conc: 5.00 ug/ml



#13 Pyrene (C20.8)

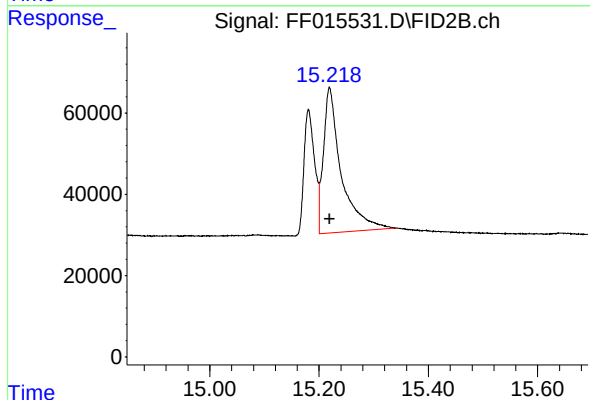
R.T.: 13.294 min
Delta R.T.: 0.000 min
Response: 739289
Conc: 5.14 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



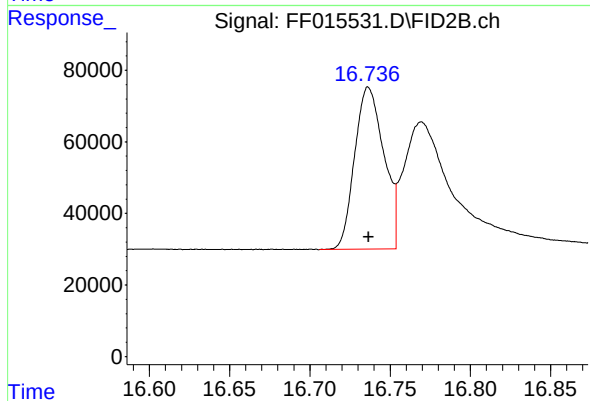
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.181 min
Delta R.T.: 0.000 min
Response: 411104
Conc: 3.50 ug/ml



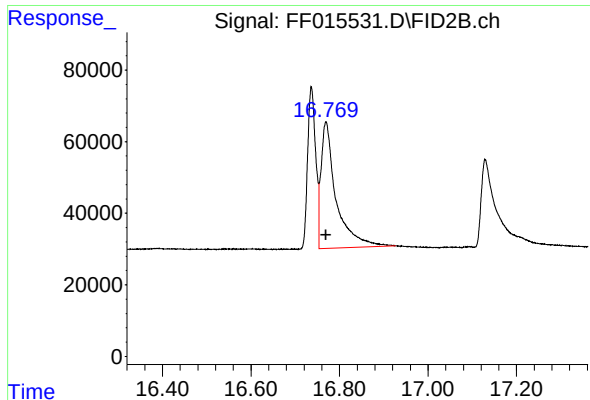
#15 Chrysene (C27.41)

R.T.: 15.219 min
Delta R.T.: 0.000 min
Response: 815728
Conc: 5.46 ug/ml



#16 benzo[b]fluoranthene (C30.41)

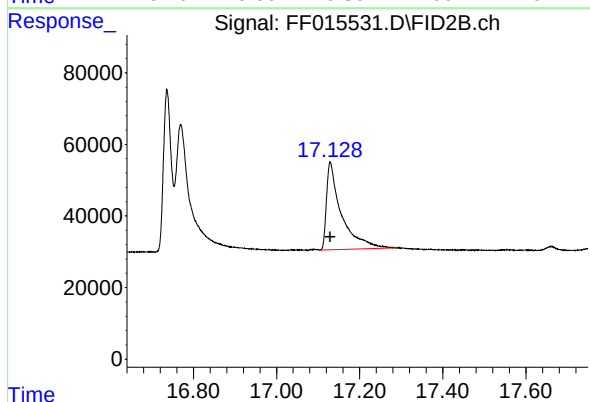
R.T.: 16.737 min
Delta R.T.: 0.000 min
Response: 574628
Conc: 4.41 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

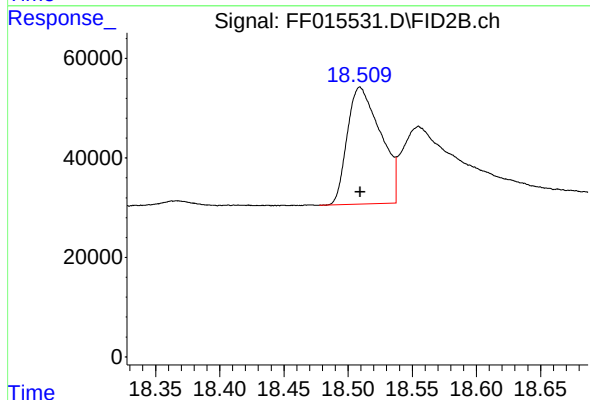
R.T.: 16.770 min
Delta R.T.: 0.000 min
Response: 836422
Conc: 5.61 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



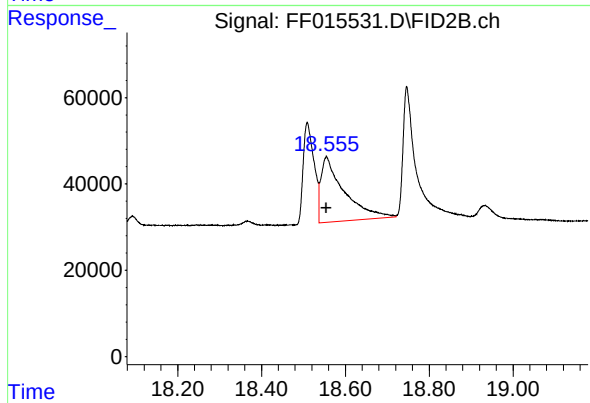
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.130 min
Delta R.T.: 0.000 min
Response: 606525
Conc: 4.78 ug/ml



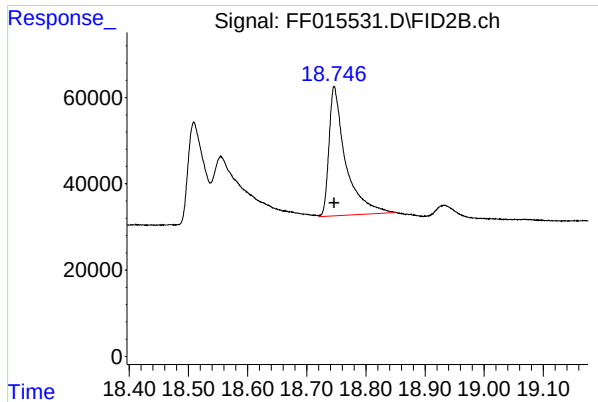
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.510 min
Delta R.T.: 0.000 min
Response: 423177
Conc: 4.13 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.555 min
Delta R.T.: 0.000 min
Response: 582595
Conc: 4.44 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.747 min
Delta R.T.: 0.000 min
Response: 589049
Conc: 4.73 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

A
B
C
D
E
F
G
H
I
J

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
Data File : FF015531.D
Signal(s) : FID2B.ch
Acq On : 25 Feb 2025 10:58
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.606	4.577	4.716	BB	58285	662305	79.18%	5.118%
2	6.281	6.251	6.409	BB	38261	591957	70.77%	4.574%
3	7.378	7.351	7.509	BB	35460	581701	69.55%	4.495%
4	8.003	7.944	8.117	BB	35575	538529	64.38%	4.162%
5	8.674	8.642	8.791	BB	55514	727458	86.97%	5.622%
6	8.892	8.859	8.947	BV	12790	259291	31.00%	2.004%
7	8.970	8.947	9.072	VB	62983	765465	91.52%	5.915%
8	9.769	9.741	9.904	BB	32061	616053	73.65%	4.761%
9	11.176	11.137	11.235	BV	36746	587822	70.28%	4.543%
10	11.258	11.235	11.401	VBA	19936	548650	65.59%	4.240%
11	11.934	11.864	12.011	BB	63598	776499	92.84%	6.001%
12	12.998	12.921	13.149	BB	37149	706215	84.43%	5.457%
13	13.294	13.262	13.449	BB	42977	739289	88.39%	5.713%
14	15.181	15.152	15.200	BV	30775	411104	49.15%	3.177%
15	15.219	15.200	15.341	VBA	35905	815728	97.53%	6.304%
16	16.737	16.706	16.754	BV	44969	574628	68.70%	4.441%
17	16.770	16.754	16.927	VB	35432	836422	100.00%	6.464%
18	17.130	17.102	17.287	BB	24418	606525	72.51%	4.687%
19	18.510	18.477	18.537	BV	23522	423177	50.59%	3.270%
20	18.555	18.537	18.721	VV	15257	582595	69.65%	4.502%
21	18.747	18.721	18.851	VBA	29878	589049	70.42%	4.552%
Sum of corrected areas:							12940460	

Aromatic EPH 022625.M Wed Feb 26 12:45:40 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
 Data File : FF015532.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 11:27
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/26/2025
 Supervised By :Ankita Jodhani 02/27/2025

Integration File: autoint1.e
 Quant Time: Feb 26 12:37:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.997	2223183	19.097 ug/ml
Spiked Amount 50.000		Recovery =	38.19%
6) S 2-Fluorobiphenyl (SURR)	8.873	1393028	19.556 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.11%
11) S ortho-Terphenyl (SURR)	11.932	2758671	18.753 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.604	2444721	18.937 ug/ml
2) T Naphthalene (C11.7)	6.275	2428126	19.025 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	2417949	19.096 ug/ml
5) T Acenaphthylene (C15.06)	8.671	2656254	18.791 ug/ml
7) T Acenaphthene (C15.5)	8.969	2656870	18.654 ug/ml
8) T Fluorene (C16.55)	9.760	2532143	19.030 ug/ml
9) T Phenanthrene (C19.36)	11.167	2491796	19.156 ug/ml
10) T Anthracene (C19.43)	11.242	2419377	19.316 ug/ml
12) T Fluoranthene (C21.85)	12.988	2674844	18.941 ug/ml
13) T Pyrene (C20.8)	13.286	2753238	19.151 ug/ml
14) T Benzo[a]anthracene (C...	15.169	2379295	20.255 ug/ml
15) T Chrysene (C27.41)	15.211	2846808	19.060 ug/ml
16) T benzo[b]fluoranthene ...	16.729	2598123	19.949 ug/ml
17) T Bnezo[k]fluoranthene ...	16.761	2873167	19.255 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.111	2501469	19.711 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.484	1945146	19.004 ug/mlm
20) T Dibenz[a,h]anthracene...	18.524	2639296	20.413 ug/ml
21) T Benzo[g,h,i]perylene ...	18.738	2475509	19.893 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
Data File : FF015532.D
Signal(s) : FID2B.ch
Acq On : 25 Feb 2025 11:27
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 76 Sample Multiplier: 1

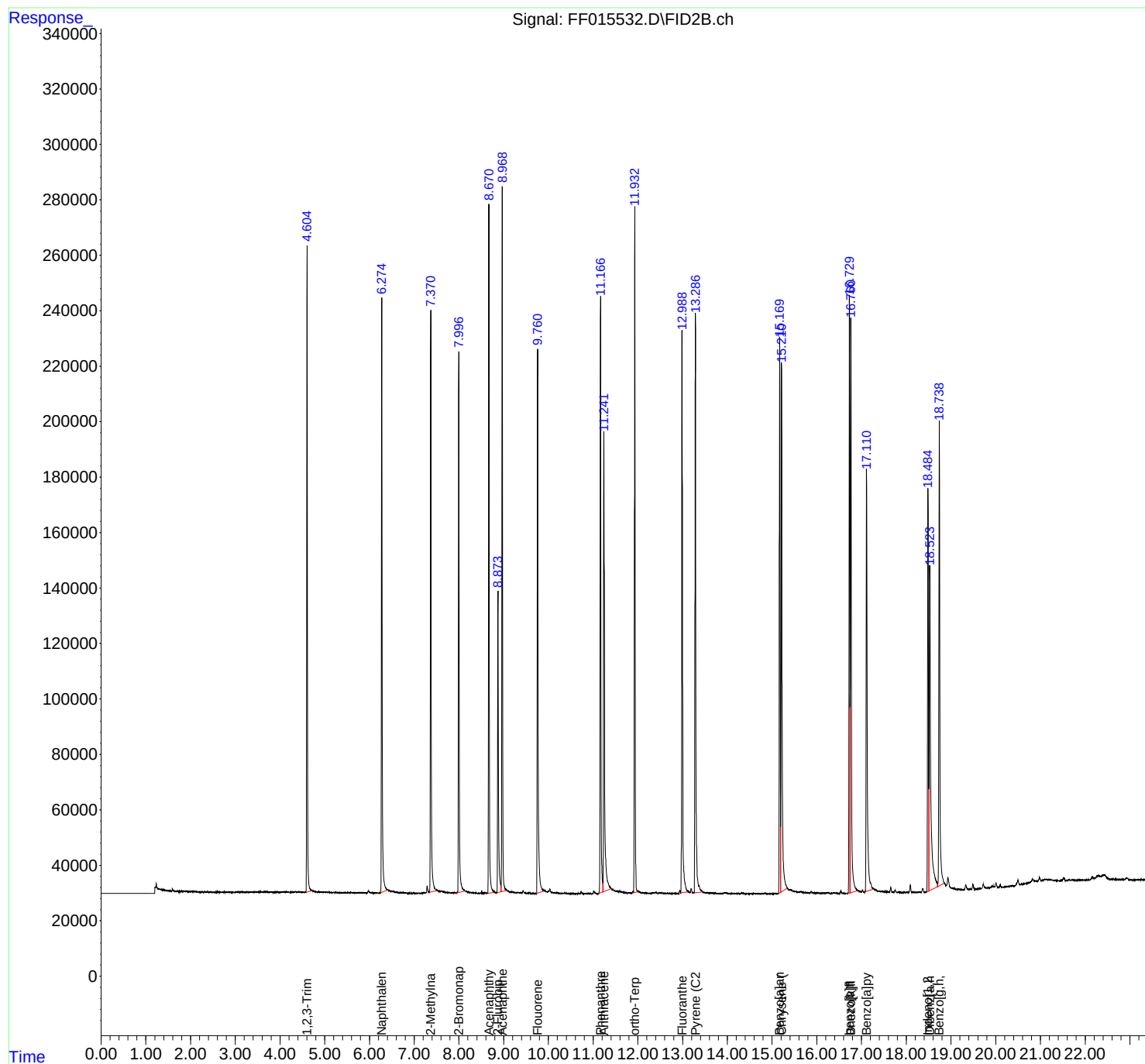
Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV

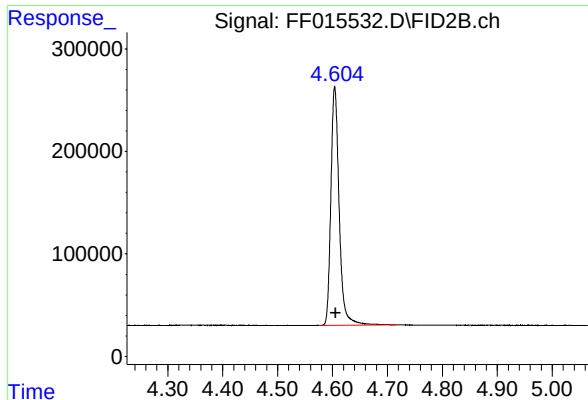
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/26/2025
Supervised By :Ankita Jodhani 02/27/2025

Integration File: autoint1.e
Quant Time: Feb 26 12:37:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Quant Title : GC Extractables
QLast Update : Wed Feb 26 12:36:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.604 min
Delta R.T.: -0.002 min
Response: 2444721
Conc: 18.94 ug/ml

Instrument :

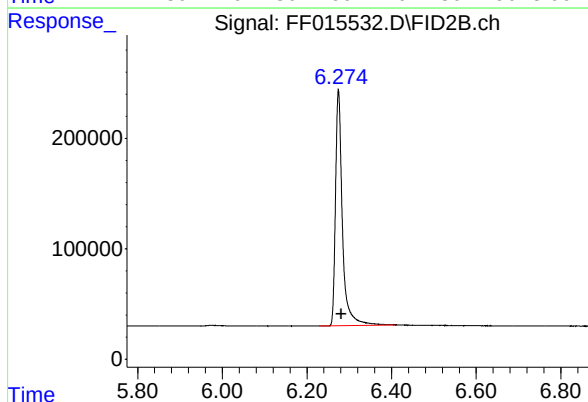
FID_F

ClientSampleId :

20 PPM AROMATIC HC STD ICV

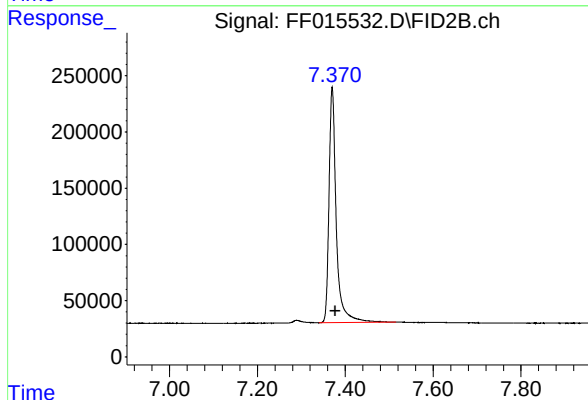
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/26/2025
Supervised By :Ankita Jodhani 02/27/2025



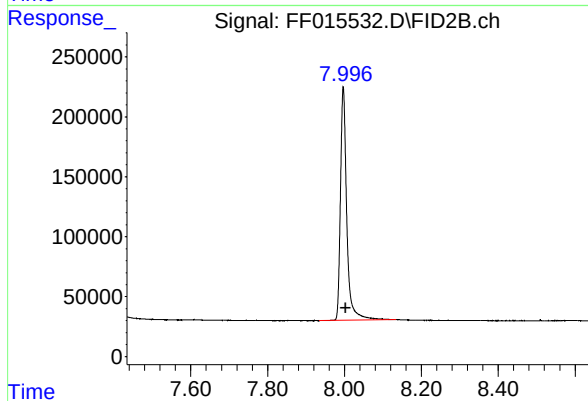
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.006 min
Response: 2428126
Conc: 19.03 ug/ml



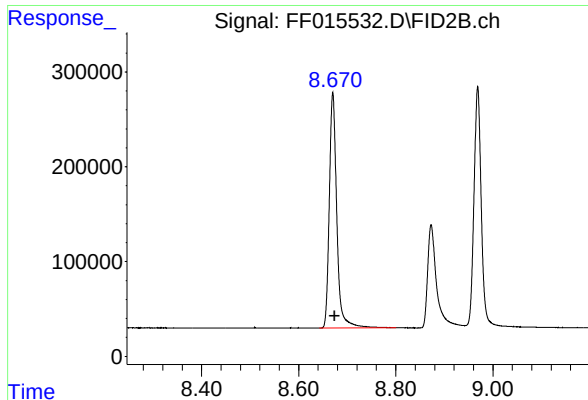
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: -0.007 min
Response: 2417949
Conc: 19.10 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.997 min
Delta R.T.: -0.006 min
Response: 2223183
Conc: 19.10 ug/ml



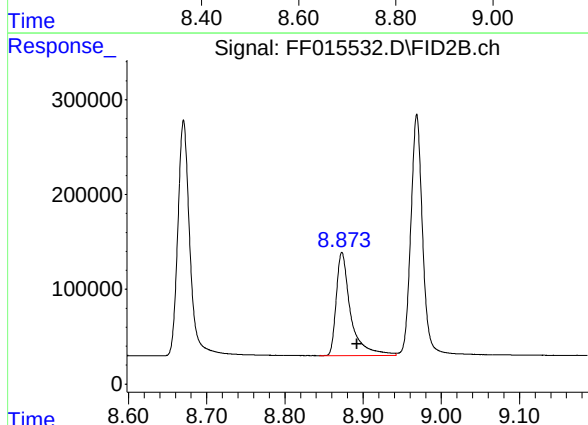
#5 Acenaphthylene (C15.06)

R.T.: 8.671 min
Delta R.T.: -0.004 min
Response: 2656254
Conc: 18.79 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV

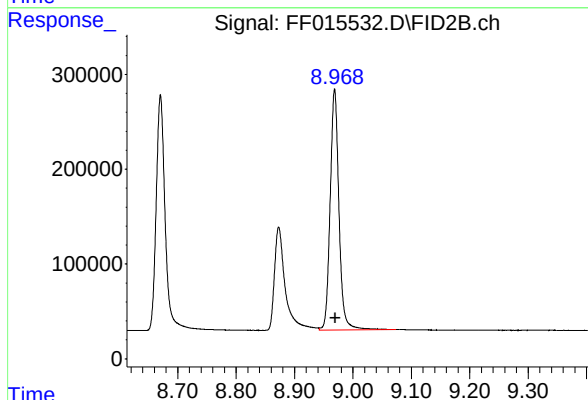
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/26/2025
Supervised By :Ankita Jodhani 02/27/2025



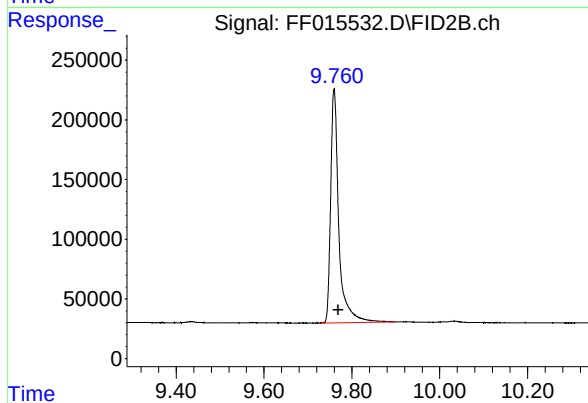
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.873 min
Delta R.T.: -0.019 min
Response: 1393028
Conc: 19.56 ug/ml



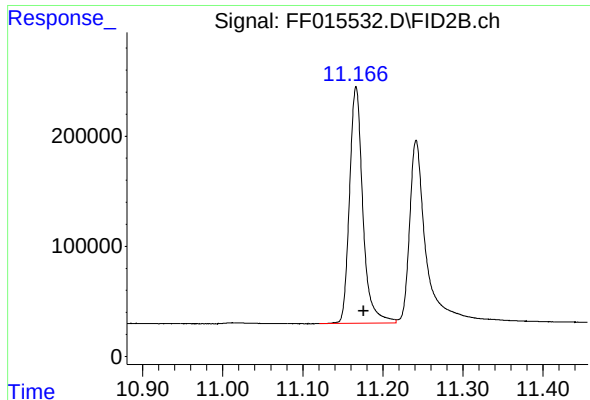
#7 Acenaphthene (C15.5)

R.T.: 8.969 min
Delta R.T.: -0.001 min
Response: 2656870
Conc: 18.65 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.760 min
Delta R.T.: -0.009 min
Response: 2532143
Conc: 19.03 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.167 min
Delta R.T.: -0.010 min
Response: 2491796
Conc: 19.16 ug/ml

Instrument :

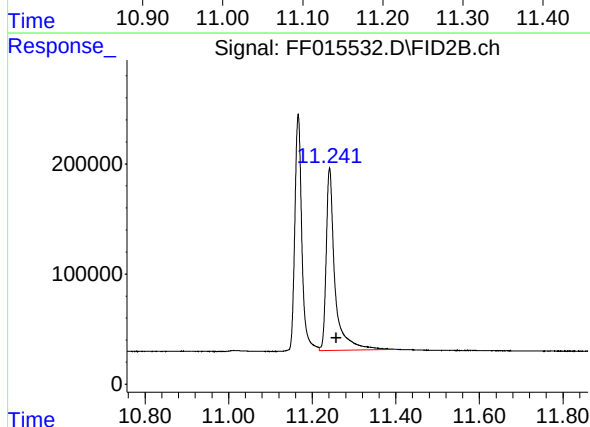
FID_F

ClientSampleId :

20 PPM AROMATIC HC STD ICV

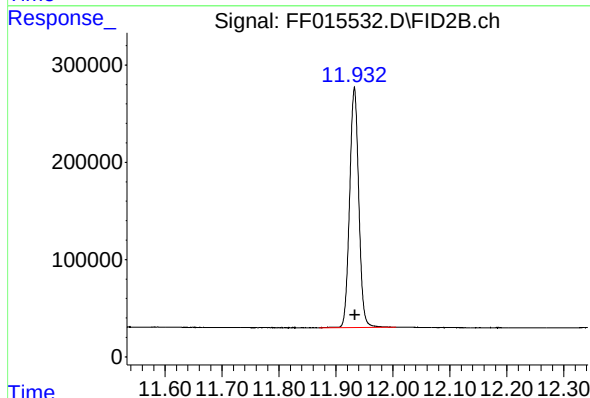
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/26/2025
Supervised By :Ankita Jodhani 02/27/2025



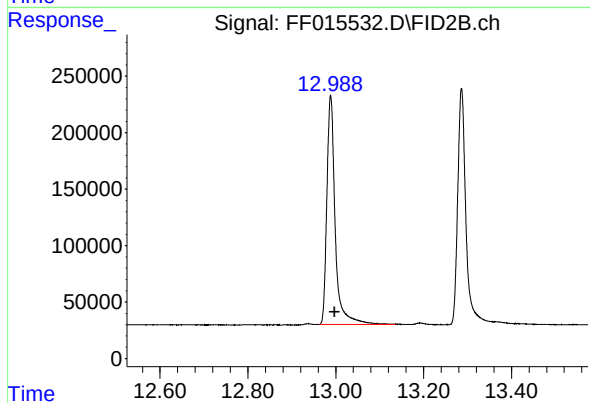
#10 Anthracene (C19.43)

R.T.: 11.242 min
Delta R.T.: -0.016 min
Response: 2419377
Conc: 19.32 ug/ml



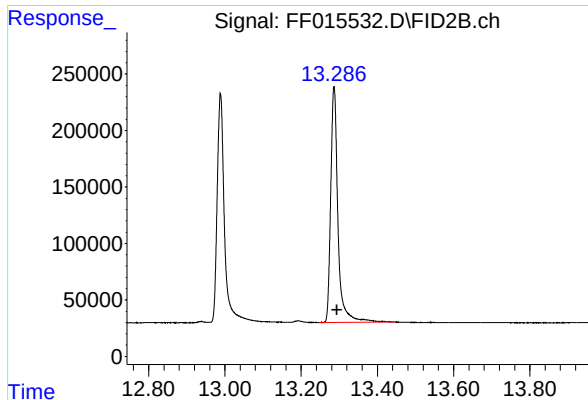
#11 ortho-Terphenyl (SURRE)

R.T.: 11.932 min
Delta R.T.: -0.001 min
Response: 2758671
Conc: 18.75 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.988 min
Delta R.T.: -0.010 min
Response: 2674844
Conc: 18.94 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.286 min
Delta R.T.: -0.007 min
Response: 2753238
Conc: 19.15 ug/ml

Instrument :

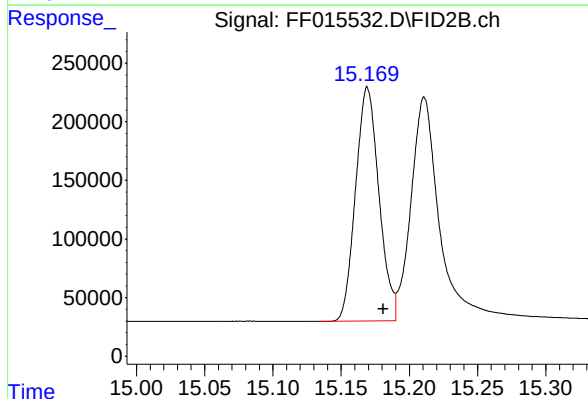
FID_F

ClientSampleId :

20 PPM AROMATIC HC STD ICV

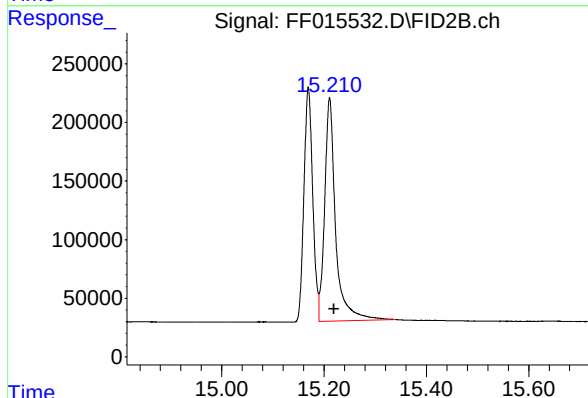
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/26/2025
Supervised By :Ankita Jodhani 02/27/2025



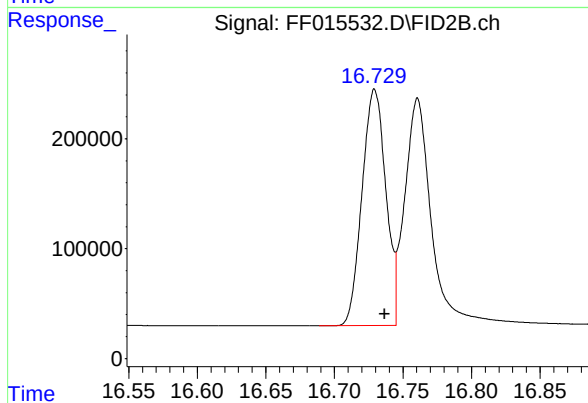
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.169 min
Delta R.T.: -0.012 min
Response: 2379295
Conc: 20.26 ug/ml



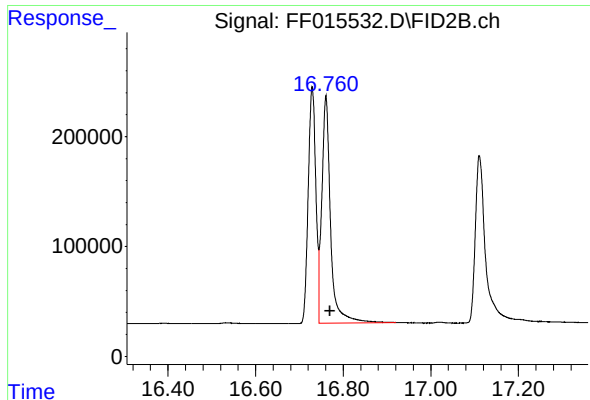
#15 Chrysene (C27.41)

R.T.: 15.211 min
Delta R.T.: -0.009 min
Response: 2846808
Conc: 19.06 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.729 min
Delta R.T.: -0.007 min
Response: 2598123
Conc: 19.95 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.761 min
Delta R.T.: -0.009 min
Response: 2873167
Conc: 19.26 ug/ml

Instrument :

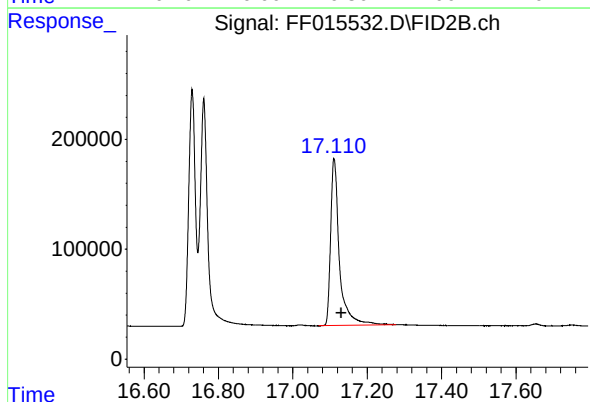
FID_F

ClientSampleId :

20 PPM AROMATIC HC STD ICV

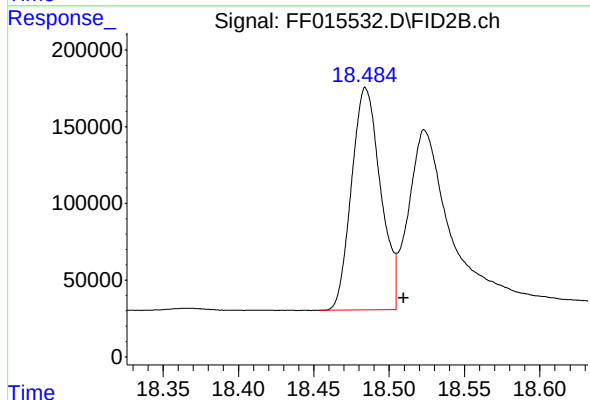
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/26/2025
Supervised By :Ankita Jodhani 02/27/2025



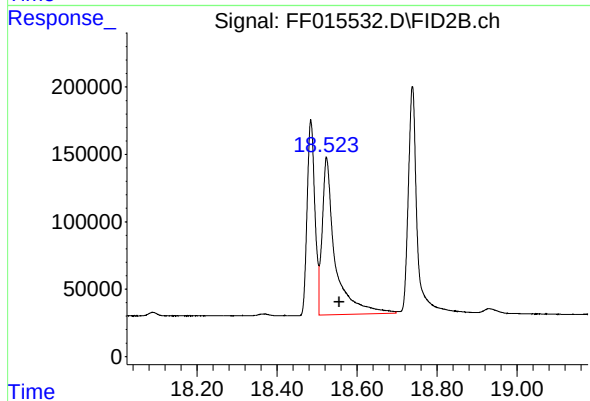
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.111 min
Delta R.T.: -0.019 min
Response: 2501469
Conc: 19.71 ug/ml



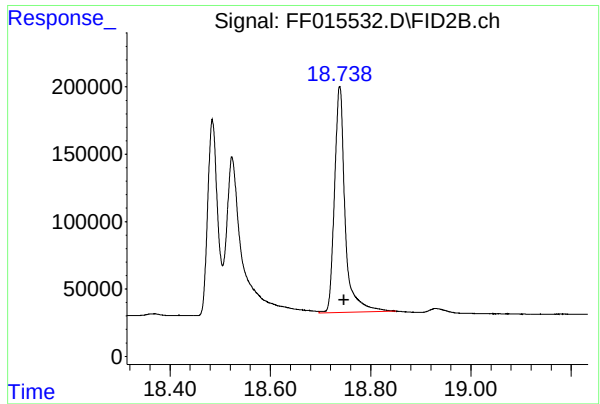
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.484 min
Delta R.T.: -0.026 min
Response: 1945146
Conc: 19.00 ug/ml m



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.524 min
Delta R.T.: -0.031 min
Response: 2639296
Conc: 20.41 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.738 min
Delta R.T.: -0.009 min
Response: 2475509
Conc: 19.89 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD ICV

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/26/2025
Supervised By :Ankita Jodhani 02/27/2025

rteres

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV
Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/26/2025
Supervised By :Ankita Jodhani 02/27/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF02262
Data File : FF015532.D
Signal(s) : FID2B.ch
Acq On : 25 Feb 2025 11:27
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 76 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.604	4.575	4.715	BB	232836	2444721	85.09%	4.692%
2	6.275	6.229	6.410	BB	212781	2428126	84.51%	4.660%
3	7.370	7.340	7.515	BB	209417	2417949	84.16%	4.640%
4	7.997	7.934	8.134	BB	194548	2223183	77.38%	4.266%
5	8.671	8.642	8.800	BB	248331	2656254	92.45%	5.097%
6	8.873	8.844	8.942	BV	108403	1393028	48.48%	2.673%
7	8.969	8.942	9.074	VB	254046	2656870	92.47%	5.099%
8	9.760	9.725	9.900	BB	196152	2532143	88.13%	4.859%
9	11.167	11.120	11.216	BV	215323	2491796	86.73%	4.782%
10	11.242	11.216	11.400	VBA	165686	2419377	84.21%	4.643%
11	11.932	11.870	12.005	BB	246436	2758671	96.01%	5.294%
12	12.988	12.962	13.137	BB	202419	2674844	93.10%	5.133%
13	13.286	13.247	13.449	BB	208846	2753238	95.83%	5.284%
14	15.169	15.134	15.190	BV	199821	2379295	82.81%	4.566%
15	15.211	15.190	15.340	VBA	190853	2846808	99.08%	5.463%
16	16.729	16.689	16.745	BV	215314	2598123	90.43%	4.986%
17	16.761	16.745	16.920	VB	207100	2873167	100.00%	5.514%
18	17.111	17.070	17.277	BB	151174	2501469	87.06%	4.800%
19	18.485	18.450	18.505	BV	145033	1945141	67.70%	3.733%
20	18.524	18.505	18.697	VV	116704	2639296	91.86%	5.065%
21	18.738	18.697	18.850	VBA	167898	2475509	86.16%	4.751%
Sum of corrected areas:						52109006		

Aromatic EPH 022625.M Wed Feb 26 12:44:55 2025

Continuing Calibration Report for SequenceID : FC030525AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC068368.D

Aliphatic EPH	40236785.000	360.000	3.102	21.556	111768.847	122175.127	8.518
Aliphatic C9-C12	7078387.000	60.000	3.102	6.366	117973.117	141035.502	16.352
Aliphatic C16-C21	6684413.000	60.000	9.750	13.103	111406.883	131630.895	15.364
Aliphatic C21-C28	9380589.000	80.000	13.104	16.755	117257.363	122691.322	4.429
Aliphatic C28-C40	12521412.000	120.000	16.756	21.556	104345.100	102846.462	-1.457
Aliphatic C12-C16	4571984.000	40.000	6.367	9.749	114299.600	136654.515	16.359

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	05 Mar 2025 15:22
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068368.D	Misc:	
Instrument:	FID_C	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.102	6.366	7078387.000	60.000	ug/ml
Aliphatic C12-C16	6.367	9.749	4571984.000	40.000	ug/ml
Aliphatic C16-C21	9.750	13.103	6684413.000	60.000	ug/ml
Aliphatic C21-C28	13.104	16.755	9380589.000	80.000	ug/ml
Aliphatic C28-C40	16.756	21.556	12521412.000	120.000	ug/ml
Aliphatic EPH	3.102	21.556	40236785.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FC030525AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC068376.D

Aliphatic EPH	44765920.000	360.000	3.102	21.556	124349.778	122175.127	-1.780
Aliphatic C9-C12	8592043.000	60.000	3.102	6.366	143200.717	141035.502	-1.535
Aliphatic C16-C21	8029066.000	60.000	9.750	13.103	133817.767	131630.895	-1.661
Aliphatic C21-C28	10022524.000	80.000	13.104	16.755	125281.550	122691.322	-2.111
Aliphatic C28-C40	12601397.000	120.000	16.756	21.556	105011.642	102846.462	-2.105
Aliphatic C12-C16	5520890.000	40.000	6.367	9.749	138022.250	136654.515	-1.001

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	05 Mar 2025 20:18
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068376.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.102	6.366	8592043.000	60.000	ug/ml
Aliphatic C12-C16	6.367	9.749	5520890.000	40.000	ug/ml
Aliphatic C16-C21	9.750	13.103	8029066.000	60.000	ug/ml
Aliphatic C21-C28	13.104	16.755	10022524.000	80.000	ug/ml
Aliphatic C28-C40	16.756	21.556	12601397.000	120.000	ug/ml
Aliphatic EPH	3.102	21.556	44765920.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD030525AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FD049158.D

Aromatic C10-C12	6556391.000	40.000	4.075	5.793	163909.775	159020.606	-3.075
Aromatic C12-C16	10059952.000	60.000	5.794	8.395	167665.867	160935.866	-4.182
Aromatic C16-C21	12177228.000	80.000	8.396	12.660	152215.350	153359.309	0.746
Aromatic C21-C36	25536741.000	180.000	12.661	18.072	141870.783	143114.753	0.869
Aromatic EPH	54330312.000	360.000	4.075	18.072	150917.533	150128.823	-0.525

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	05 Mar 2025 15:22
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049158.D	Misc:	
Instrument:	FID_D	ALS Vial:	53
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.075	5.793	6556391.000	40.000	ug/ml
Aromatic C12-C16	5.794	8.395	10059952.000	60.000	ug/ml
Aromatic C16-C21	8.396	12.660	12177228.000	80.000	ug/ml
Aromatic C21-C36	12.661	18.072	25536741.000	180.000	ug/ml
Aromatic EPH	4.075	18.072	54330312.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD030525AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FD049166.D

Aromatic C10-C12	6523459.000	40.000	4.075	5.793	163086.475	159020.606	-2.557
Aromatic C12-C16	10110953.000	60.000	5.794	8.395	168515.883	160935.866	-4.710
Aromatic C16-C21	12497804.000	80.000	8.396	12.660	156222.550	153359.309	-1.867
Aromatic C21-C36	25202288.000	180.000	12.661	18.072	140012.711	143114.753	2.168
Aromatic EPH	54334504.000	360.000	4.075	18.072	150929.178	150128.823	-0.533

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	05 Mar 2025 20:18
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049166.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.075	5.793	6523459.000	40.000	ug/ml
Aromatic C12-C16	5.794	8.395	10110953.000	60.000	ug/ml
Aromatic C16-C21	8.396	12.660	12497804.000	80.000	ug/ml
Aromatic C21-C36	12.661	18.072	25202288.000	180.000	ug/ml
Aromatic EPH	4.075	18.072	54334504.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FE031025AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE052707.D

Aliphatic C9-C12	9658611.000	60.000	3.151	6.796	160976.850	155948.436	-3.224
Aliphatic C12-C16	6261558.000	40.000	6.797	10.250	156538.950	152098.489	-2.919
Aliphatic C16-C21	8993508.000	60.000	10.251	13.630	149891.800	146548.085	-2.282
Aliphatic C21-C28	11838283.000	80.000	13.631	17.305	147978.538	142451.851	-3.880
Aliphatic C28-C40	16154870.000	120.000	17.306	22.234	134623.917	127589.108	-5.514
Aliphatic EPH	52906830.000	360.000	3.151	22.234	146963.417	141501.588	-3.860

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	10 Mar 2025 19:02
Client Sample ID:		Operator:	YP\AJ
Data file:	FE052707.D	Misc:	
Instrument:	FID_E	ALS Vial:	4
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.151	6.796	9658611.000	60.000	ug/ml
Aliphatic C12-C16	6.797	10.250	6261558.000	40.000	ug/ml
Aliphatic C16-C21	10.251	13.630	8993508.000	60.000	ug/ml
Aliphatic C21-C28	13.631	17.305	11838283.000	80.000	ug/ml
Aliphatic C28-C40	17.306	22.234	16154870.000	120.000	ug/ml
Aliphatic EPH	3.151	22.234	52906830.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FE031025AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE052724.D

Aliphatic C9-C12	9237193.000	60.000	3.151	6.796	153953.217	155948.436	1.279
Aliphatic C12-C16	6047186.000	40.000	6.797	10.250	151179.650	152098.489	0.604
Aliphatic C16-C21	8666452.000	60.000	10.251	13.630	144440.867	146548.085	1.438
Aliphatic C21-C28	11193884.000	80.000	13.631	17.305	139923.550	142451.851	1.775
Aliphatic C28-C40	16605991.000	120.000	17.306	22.234	138383.258	127589.108	-8.460
Aliphatic EPH	51750706.000	360.000	3.151	22.234	143751.961	141501.588	-1.590

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	11 Mar 2025 04:34
Client Sample ID:		Operator:	YP\AJ
Data file:	FE052724.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.151	6.796	9237193.000	60.000	ug/ml
Aliphatic C12-C16	6.797	10.250	6047186.000	40.000	ug/ml
Aliphatic C16-C21	10.251	13.630	8666452.000	60.000	ug/ml
Aliphatic C21-C28	13.631	17.305	11193884.000	80.000	ug/ml
Aliphatic C28-C40	17.306	22.234	16605991.000	120.000	ug/ml
Aliphatic EPH	3.151	22.234	51750706.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FF031025AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FF015628.D

Aromatic C10-C12	5303513.000	40.000	4.505	6.377	132587.825	128361.211	-3.293
Aromatic C12-C16	8424119.000	60.000	6.378	9.069	140401.983	136800.309	-2.633
Aromatic C16-C21	10513836.000	80.000	9.070	13.390	131422.950	133038.999	1.215
Aromatic C21-C36	21153413.000	180.000	13.391	18.845	117518.961	130055.838	9.640
Aromatic EPH	45394881.000	360.000	4.505	18.845	126096.892	131654.549	4.221

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	10 Mar 2025 13:29
Client Sample ID:		Operator:	YPAJ
Data file:	FF015628.D	Misc:	
Instrument:	FID_F	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.505	6.377	5303513.000	40.000	ug/ml
Aromatic C12-C16	6.378	9.069	8424119.000	60.000	ug/ml
Aromatic C16-C21	9.070	13.390	10513836.000	80.000	ug/ml
Aromatic C21-C36	13.391	18.845	21153413.000	180.000	ug/ml
Aromatic EPH	4.505	18.845	45394881.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FF031025AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FF015645.D

Aromatic C10-C12	5366584.000	40.000	4.505	6.377	134164.600	128361.211	-4.521
Aromatic C12-C16	8486524.000	60.000	6.378	9.069	141442.067	136800.309	-3.393
Aromatic C16-C21	10783294.000	80.000	9.070	13.390	134791.175	133038.999	-1.317
Aromatic C21-C36	22388226.000	180.000	13.391	18.845	124379.033	130055.838	4.365
Aromatic EPH	47024628.000	360.000	4.505	18.845	130623.967	131654.549	0.783

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	11 Mar 2025 01:05
Client Sample ID:		Operator:	YP\AJ
Data file:	FF015645.D	Misc:	
Instrument:	FID_F	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.505	6.377	5366584.000	40.000	ug/ml
Aromatic C12-C16	6.378	9.069	8486524.000	60.000	ug/ml
Aromatic C16-C21	9.070	13.390	10783294.000	80.000	ug/ml
Aromatic C21-C36	13.391	18.845	22388226.000	180.000	ug/ml
Aromatic EPH	4.505	18.845	47024628.000	360.000	ug/ml



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052711.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 21:32
 Operator : YP\AJ
 Sample : Q1488-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ENV-101-SB01

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Integration File: autoint1.e
 Quant Time: Mar 11 05:23:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.359	6193125	51.003 ug/ml
Spiked Amount	50.000	Recovery	= 102.01%

Target Compounds

(f)=RT Delta > 1/2 Window

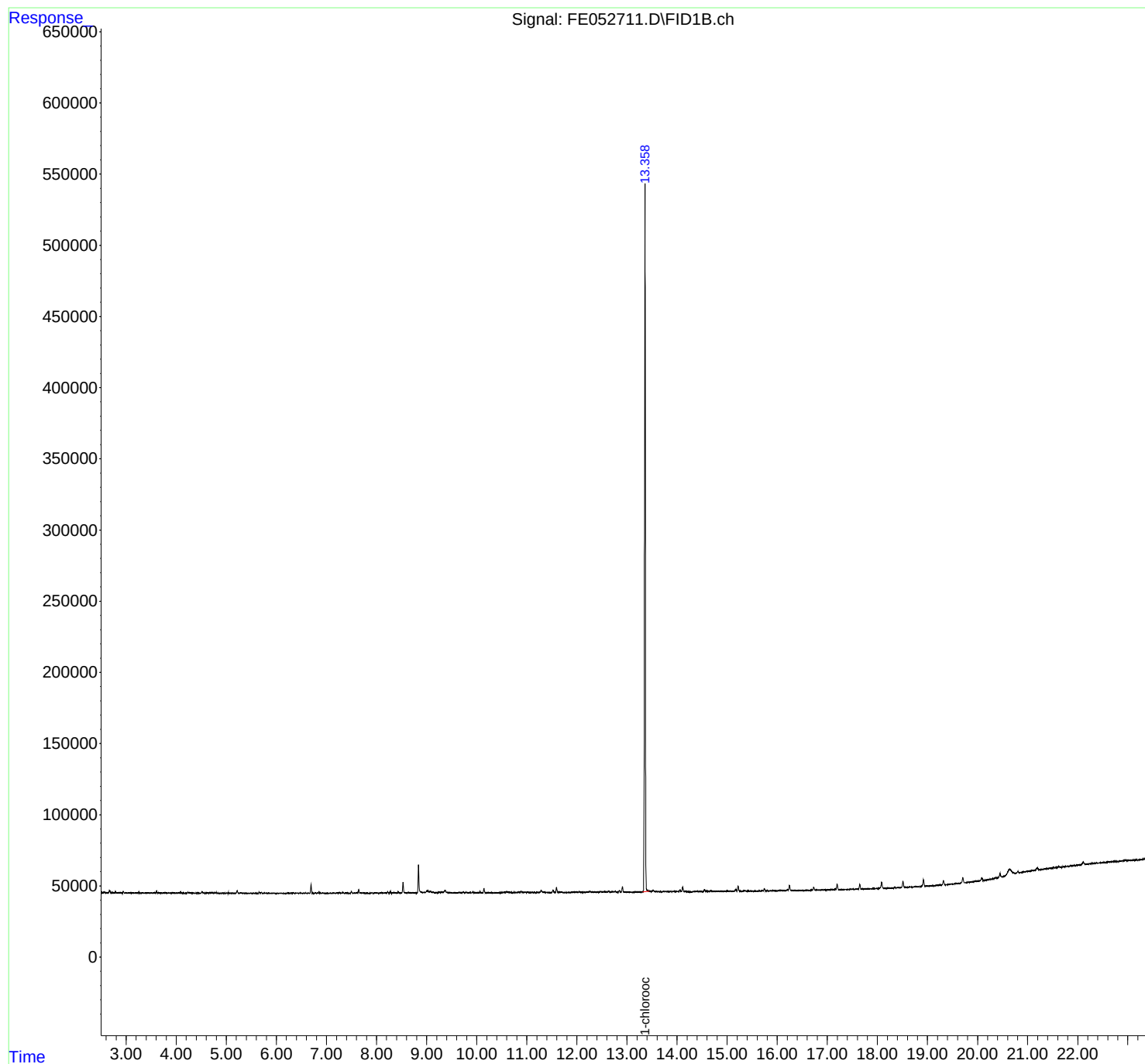
(m)=manual int.

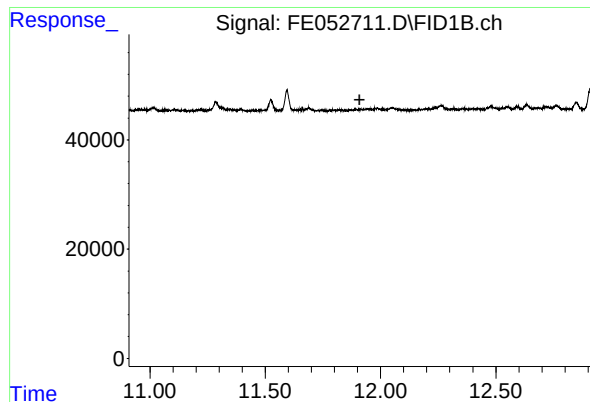
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052711.D
Signal(s) : FID1B.ch
Acq On : 10 Mar 2025 21:32
Operator : YP\AJ
Sample : Q1488-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
ENV-101-SB01

Integration File: autoint1.e
Quant Time: Mar 11 05:23:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

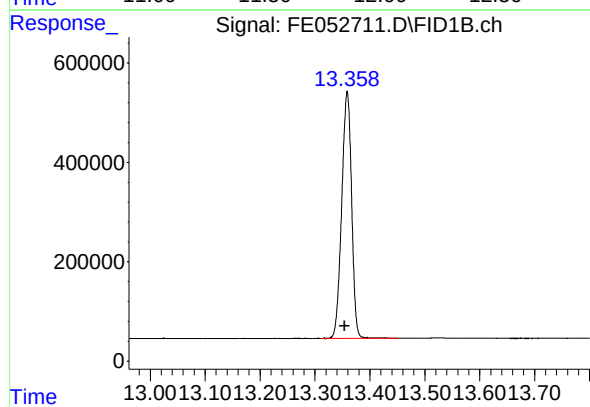




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.909 min
Response: 0
Conc: N.D.

Instrument :
FID_E
ClientSampleId :
ENV-101-SB01



#12 1-chlorooctadecane (SURR)

R.T.: 13.359 min
Delta R.T.: 0.005 min
Response: 6193125
Conc: 51.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052711.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 21:32
 Sample : Q1488-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.530	8.498	8.591	BB	7534	90443	1.46%	1.388%
2	8.838	8.808	8.908	BB	19848	234513	3.79%	3.598%
3	13.359	13.311	13.451	BB	495043	6193125	100.00%	95.015%
Sum of corrected areas:							6518082	

Aliphatic EPH 030325.M Tue Mar 11 06:19:47 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015632.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 18:15
 Operator : YP\AJ
 Sample : Q1488-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 ENV-101-SB01

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Integration File: autoint1.e
 Quant Time: Mar 11 03:23:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.997	5453196	46.843 ug/ml
Spiked Amount 50.000		Recovery =	93.69%
6) S 2-Fluorobiphenyl (SURR)	8.876	3207625	45.031 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.06%
11) S ortho-Terphenyl (SURR)	11.935	5056753	34.375 ug/ml
Spiked Amount 50.000		Recovery =	68.75%

Target Compounds

(f)=RT Delta > 1/2 Window

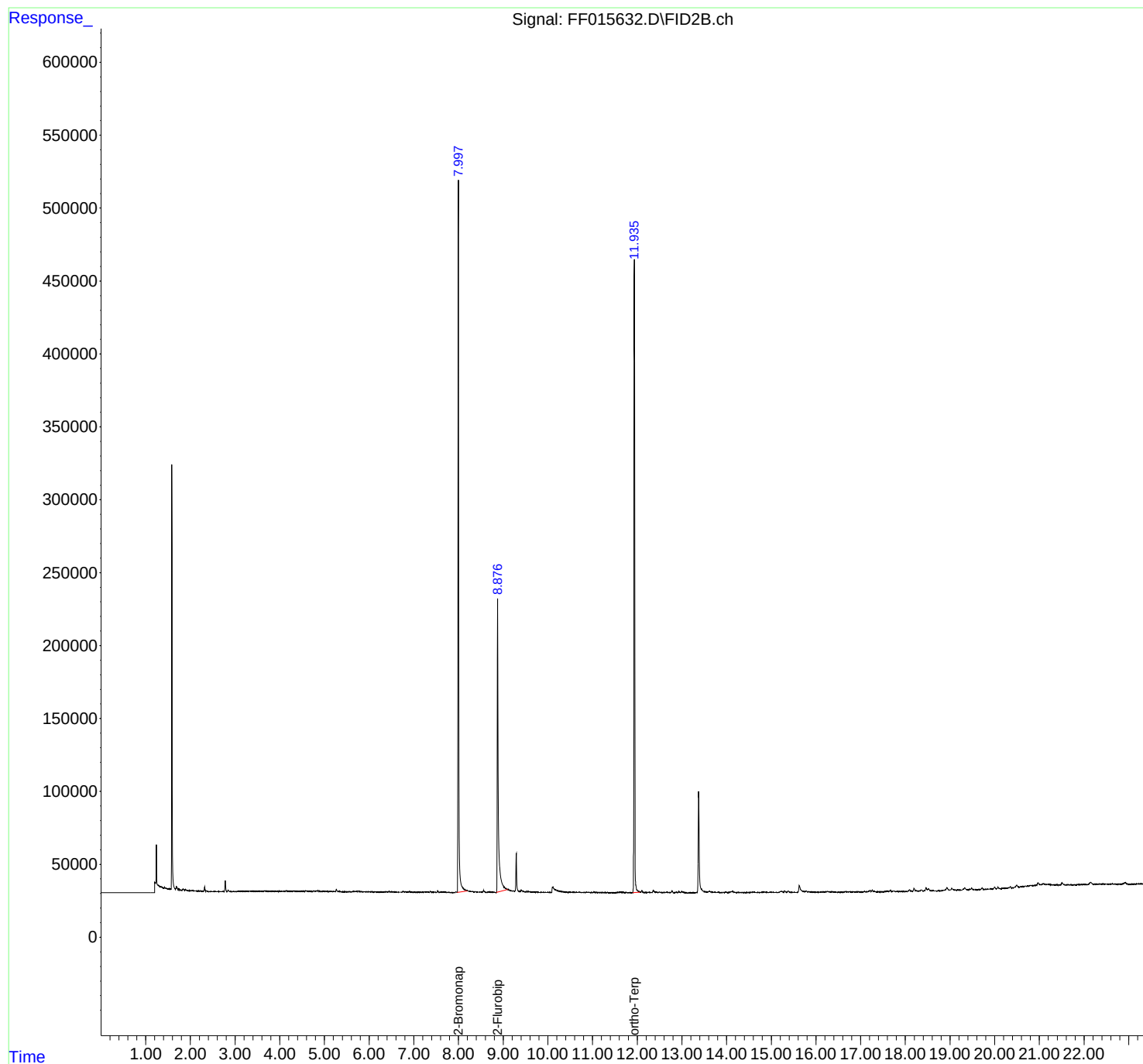
(m)=manual int.

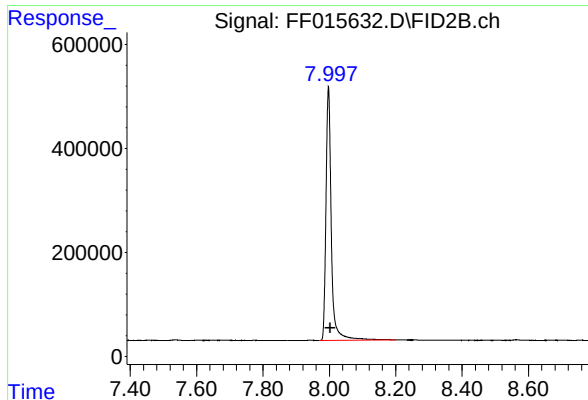
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
Data File : FF015632.D
Signal(s) : FID2B.ch
Acq On : 10 Mar 2025 18:15
Operator : YP\AJ
Sample : Q1488-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
ENV-101-SB01

Integration File: autoint1.e
Quant Time: Mar 11 03:23:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Quant Title : GC Extractables
QLast Update : Wed Feb 26 12:36:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

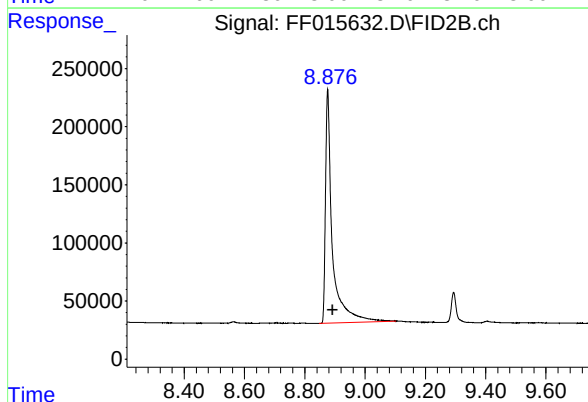




#4 2-Bromonaphthalene (SURR)

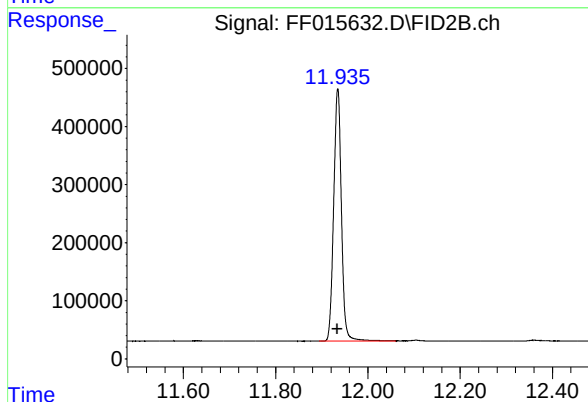
R.T.: 7.997 min
Delta R.T.: -0.006 min
Response: 5453196
Conc: 46.84 ug/ml

Instrument :
FID_F
ClientSampleId :
ENV-101-SB01



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.876 min
Delta R.T.: -0.016 min
Response: 3207625
Conc: 45.03 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: 0.001 min
Response: 5056753
Conc: 34.38 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015632.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 18:15
 Sample : Q1488-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	7.997	7.969	8.201	BB	488443	5453196	100.00%	35.656%
2	8.876	8.847	9.102	BB	201088	3207625	58.82%	20.973%
3	9.294	9.236	9.362	BB	26036	295853	5.43%	1.934%
4	10.108	10.079	10.166	BB	3237	78324	1.44%	0.512%
5	11.935	11.894	12.061	BB	434843	5056753	92.73%	33.064%
6	13.372	13.321	13.517	BB	69263	1088897	19.97%	7.120%
7	15.625	15.574	15.716	BB	4442	113223	2.08%	0.740%
Sum of corrected areas:						15293869		

Aromatic EPH 022625.M Tue Mar 11 04:29:23 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052715.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 23:32
 Operator : YP\AJ
 Sample : Q1488-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ENV-101-SB02

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Integration File: autoint1.e
 Quant Time: Mar 11 05:25:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.357	4181776	34.439 ug/ml
Spiked Amount	50.000	Recovery	= 68.88%

Target Compounds

(f)=RT Delta > 1/2 Window

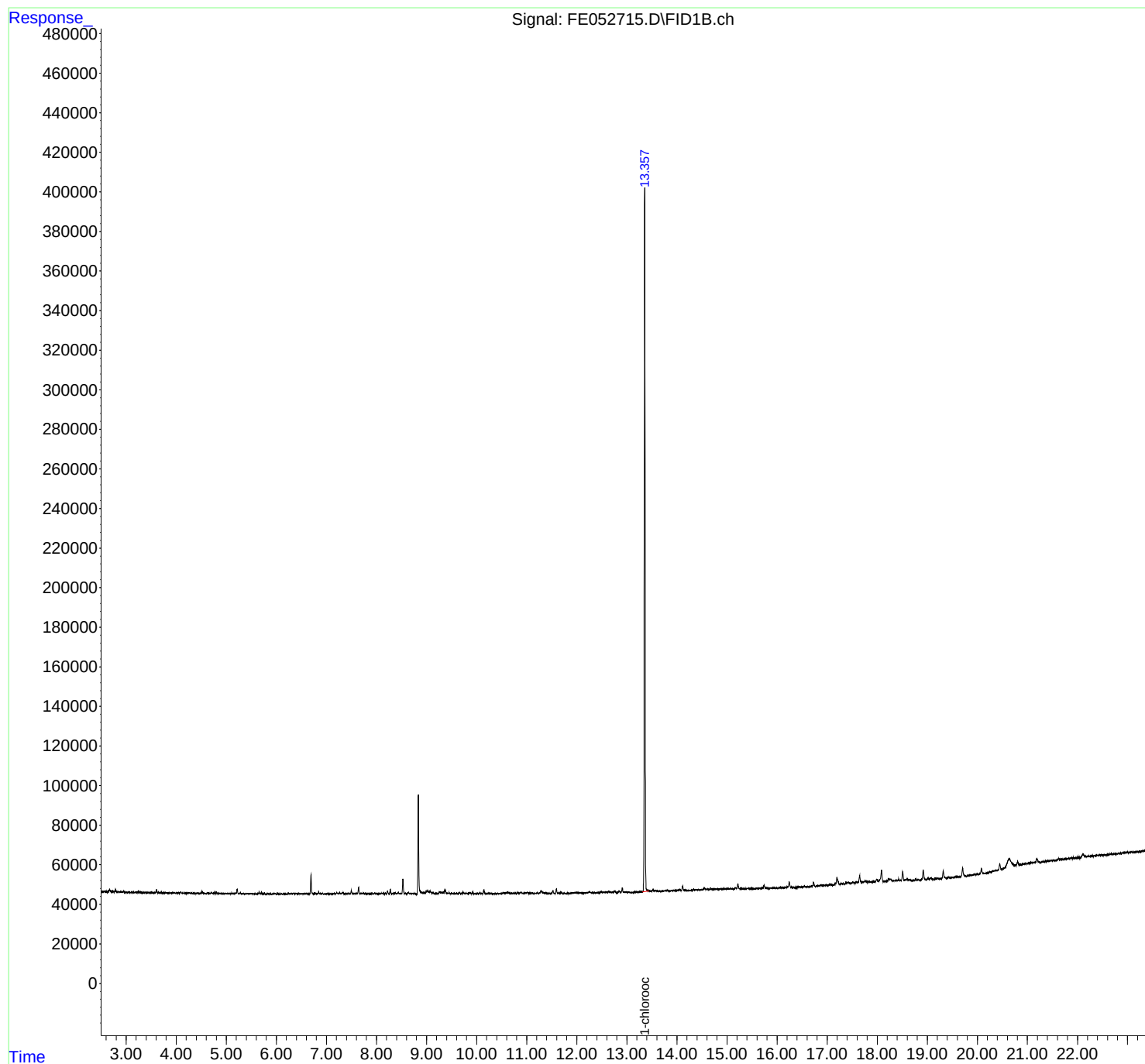
(m)=manual int.

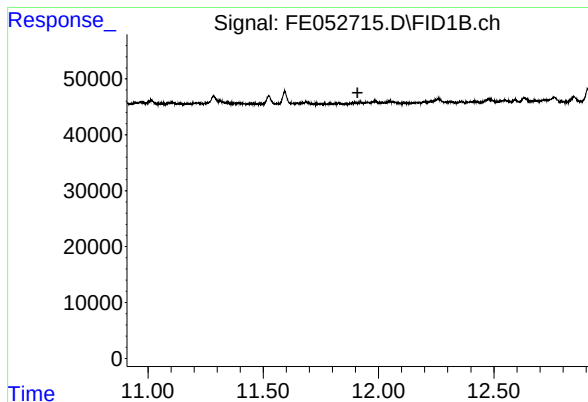
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052715.D
Signal(s) : FID1B.ch
Acq On : 10 Mar 2025 23:32
Operator : YP\AJ
Sample : Q1488-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
ENV-101-SB02

Integration File: autoint1.e
Quant Time: Mar 11 05:25:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

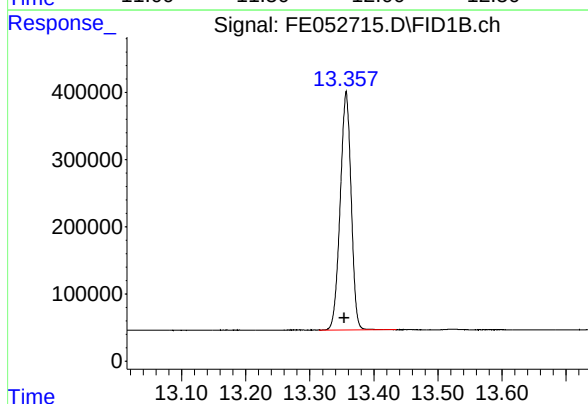




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.909 min
Response: 0
Conc: N.D.

Instrument :
FID_E
ClientSampleId :
ENV-101-SB02



#12 1-chlorooctadecane (SURR)

R.T.: 13.357 min
Delta R.T.: 0.003 min
Response: 4181776
Conc: 34.44 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052715.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 23:32
 Sample : Q1488-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.944	2.888	3.002	BV	566	6076	0.14%	0.061%
2	3.015	3.002	3.028	PV	64	616	0.01%	0.006%
3	3.101	3.028	3.114	VV	142	3271	0.08%	0.033%
4	3.140	3.114	3.207	VV	106	3282	0.08%	0.033%
5	3.251	3.207	3.272	VV	482	5886	0.14%	0.059%
6	3.281	3.272	3.291	VV	76	818	0.02%	0.008%
7	3.296	3.291	3.345	VV	134	1915	0.05%	0.019%
8	3.405	3.345	3.431	PV	143	3954	0.09%	0.040%
9	3.450	3.431	3.480	VV	166	2965	0.07%	0.030%
10	3.489	3.480	3.505	VV	137	1461	0.03%	0.015%
11	3.510	3.505	3.558	VV	111	2440	0.06%	0.024%
12	3.606	3.558	3.631	VV	1753	20706	0.49%	0.207%
13	3.639	3.631	3.679	VV	190	3046	0.07%	0.031%
14	3.699	3.679	3.752	VV	192	3883	0.09%	0.039%
15	3.762	3.752	3.811	VV	93	2190	0.05%	0.022%
16	3.819	3.811	3.828	VV	107	726	0.02%	0.007%
17	3.841	3.828	3.881	VV	147	2613	0.06%	0.026%
18	3.887	3.881	3.921	VV	113	1523	0.04%	0.015%
19	3.937	3.921	3.987	VV	149	2797	0.07%	0.028%
20	3.999	3.987	4.023	VV	88	1187	0.03%	0.012%
21	4.049	4.023	4.066	PV	299	3493	0.08%	0.035%
22	4.088	4.066	4.145	VV	710	11092	0.26%	0.111%
23	4.159	4.145	4.214	VV	157	3049	0.07%	0.031%
24	4.254	4.214	4.291	VV	438	8521	0.20%	0.085%
25	4.312	4.291	4.359	VV	101	3068	0.07%	0.031%
26	4.367	4.359	4.377	VV	66	532	0.01%	0.005%
27	4.389	4.377	4.491	PV	68	4856	0.12%	0.049%
28	4.513	4.491	4.603	VV	1013	18268	0.43%	0.183%
29	4.637	4.603	4.672	VV	286	4276	0.10%	0.043%
30	4.701	4.672	4.725	PV	691	8241	0.20%	0.083%
31	4.737	4.725	4.746	VV	191	2206	0.05%	0.022%
32	4.763	4.746	4.780	VV	659	7349	0.17%	0.074%
33	4.797	4.780	4.838	VV	984	11560	0.27%	0.116%
34	4.846	4.838	4.895	VV	96	2437	0.06%	0.024%
35	4.899	4.895	4.908	VV	172	924	0.02%	0.009%
36	4.925	4.908	5.008	VV	249	7448	0.18%	0.075%

					rteres			
37	5.016	5.008	5.067	VV	132	2797	0.07%	0.028%
38	5.076	5.067	5.109	VV	91	1765	0.04%	0.018%
39	5.129	5.109	5.156	VV	200	3103	0.07%	0.031%
40	5.216	5.156	5.249	VV	2451	36147	0.86%	0.362%
41	5.278	5.249	5.324	VV	522	8693	0.21%	0.087%
42	5.333	5.324	5.359	VV	163	1819	0.04%	0.018%
43	5.429	5.359	5.439	PV	217	4218	0.10%	0.042%
44	5.445	5.439	5.451	VV	141	891	0.02%	0.009%
45	5.459	5.451	5.531	VV	202	4728	0.11%	0.047%
46	5.539	5.531	5.581	VV	125	2049	0.05%	0.021%
47	5.599	5.581	5.607	VV	100	978	0.02%	0.010%
48	5.619	5.607	5.632	VV	139	1431	0.03%	0.014%
49	5.656	5.632	5.678	VV	804	10282	0.24%	0.103%
50	5.699	5.678	5.728	VV	943	11248	0.27%	0.113%
51	5.761	5.728	5.797	PV	239	4179	0.10%	0.042%
52	5.839	5.797	5.895	VV	250	7403	0.18%	0.074%
53	5.970	5.895	5.988	VV	231	5616	0.13%	0.056%
54	6.002	5.988	6.014	PV	97	1122	0.03%	0.011%
55	6.025	6.014	6.107	VV	145	3779	0.09%	0.038%
56	6.136	6.107	6.160	VV	135	1632	0.04%	0.016%
57	6.185	6.160	6.209	VV	95	1862	0.04%	0.019%
58	6.233	6.209	6.271	VV	282	6113	0.15%	0.061%
59	6.290	6.271	6.318	VV	342	4495	0.11%	0.045%
60	6.336	6.318	6.375	VV	598	8266	0.20%	0.083%
61	6.400	6.375	6.440	VV	376	6438	0.15%	0.064%
62	6.472	6.440	6.502	VV	278	6700	0.16%	0.067%
63	6.512	6.502	6.548	VV	177	3789	0.09%	0.038%
64	6.578	6.548	6.594	VV	239	4891	0.12%	0.049%
65	6.613	6.594	6.627	VV	142	2428	0.06%	0.024%
66	6.655	6.627	6.663	VV	173	2813	0.07%	0.028%
67	6.692	6.663	6.758	VV	9767	109645	2.60%	1.098%
68	6.777	6.758	6.800	VV	464	6392	0.15%	0.064%
69	6.815	6.800	6.827	VV	306	3275	0.08%	0.033%
70	6.846	6.827	6.868	VV	953	12365	0.29%	0.124%
71	6.882	6.868	6.903	VV	411	4919	0.12%	0.049%
72	6.921	6.903	6.961	VV	426	5968	0.14%	0.060%
73	6.975	6.961	6.997	VV	156	1568	0.04%	0.016%
74	7.021	6.997	7.054	VV	184	3397	0.08%	0.034%
75	7.071	7.054	7.081	VV	149	1830	0.04%	0.018%
76	7.089	7.081	7.119	VV	143	2047	0.05%	0.021%
77	7.149	7.119	7.181	VV	452	6873	0.16%	0.069%
78	7.203	7.181	7.240	VV	708	14827	0.35%	0.149%
79	7.268	7.240	7.293	VV	599	12851	0.30%	0.129%
80	7.331	7.293	7.355	VV	876	18610	0.44%	0.186%
81	7.372	7.355	7.395	VV	469	5459	0.13%	0.055%
82	7.416	7.395	7.473	VV	476	10376	0.25%	0.104%
83	7.498	7.473	7.531	VV	1800	22662	0.54%	0.227%
84	7.580	7.531	7.598	VV	360	11498	0.27%	0.115%
85	7.607	7.598	7.620	VV	483	5271	0.13%	0.053%
86	7.643	7.620	7.668	VV	3479	41628	0.99%	0.417%
87	7.678	7.668	7.690	VV	310	3472	0.08%	0.035%
88	7.707	7.690	7.720	VV	374	5223	0.12%	0.052%
89	7.735	7.720	7.758	VV	540	7050	0.17%	0.071%

					rt	Area	Area%	Area%
90	7.767	7.758	7.778	VV	247	2445	0.06%	0.024%
91	7.816	7.778	7.840	VV	360	8011	0.19%	0.080%
92	7.860	7.840	7.878	VV	226	2662	0.06%	0.027%
93	7.908	7.878	7.930	PV	882	10712	0.25%	0.107%
94	7.961	7.930	8.002	VV	596	13161	0.31%	0.132%
95	8.011	8.002	8.042	VV	303	3921	0.09%	0.039%
96	8.077	8.042	8.089	VV	325	5576	0.13%	0.056%
97	8.106	8.089	8.121	VV	464	6267	0.15%	0.063%
98	8.131	8.121	8.158	VV	505	6342	0.15%	0.064%
99	8.175	8.158	8.197	VV	535	7279	0.17%	0.073%
100	8.221	8.197	8.245	VV	1573	19701	0.47%	0.197%
101	8.277	8.245	8.301	VV	2416	28311	0.67%	0.284%
102	8.317	8.301	8.331	VV	267	3291	0.08%	0.033%
103	8.346	8.331	8.363	VV	592	7189	0.17%	0.072%
104	8.377	8.363	8.405	VV	531	7357	0.17%	0.074%
105	8.434	8.405	8.492	VV	1039	21395	0.51%	0.214%
106	8.529	8.492	8.608	VV	7666	99720	2.37%	0.999%
107	8.628	8.608	8.665	VV	633	15157	0.36%	0.152%
108	8.681	8.665	8.701	VV	425	6757	0.16%	0.068%
109	8.724	8.701	8.742	VV	380	5567	0.13%	0.056%
110	8.767	8.742	8.800	VV	409	5966	0.14%	0.060%
111	8.836	8.800	8.931	VV	50202	581081	13.79%	5.820%
112	8.952	8.931	8.971	VV	759	15822	0.38%	0.158%
113	9.020	8.971	9.054	VV	1619	57391	1.36%	0.575%
114	9.071	9.054	9.117	VV	1545	35205	0.84%	0.353%
115	9.134	9.117	9.175	VV	601	13462	0.32%	0.135%
116	9.190	9.175	9.211	VV	490	7306	0.17%	0.073%
117	9.261	9.211	9.281	VV	1072	24320	0.58%	0.244%
118	9.295	9.281	9.310	VV	883	12981	0.31%	0.130%
119	9.320	9.310	9.341	VV	665	11782	0.28%	0.118%
120	9.370	9.341	9.428	VV	1777	47216	1.12%	0.473%
121	9.447	9.428	9.474	VV	642	9435	0.22%	0.094%
122	9.495	9.474	9.527	VV	359	7078	0.17%	0.071%
123	9.551	9.527	9.565	VV	336	5769	0.14%	0.058%
124	9.575	9.565	9.588	VV	351	3948	0.09%	0.040%
125	9.601	9.588	9.613	VV	374	4153	0.10%	0.042%
126	9.618	9.613	9.628	VV	291	2135	0.05%	0.021%
127	9.663	9.628	9.700	VV	572	13875	0.33%	0.139%
128	9.729	9.700	9.766	VV	940	17421	0.41%	0.174%
129	9.782	9.766	9.813	VV	414	7895	0.19%	0.079%
130	9.827	9.813	9.839	VV	281	3813	0.09%	0.038%
131	9.868	9.839	9.899	VV	586	11022	0.26%	0.110%
132	9.921	9.899	9.958	VV	1198	15558	0.37%	0.156%
133	9.972	9.958	9.993	VV	170	2452	0.06%	0.025%
134	10.012	9.993	10.040	VV	288	3824	0.09%	0.038%
135	10.063	10.040	10.117	VV	602	11797	0.28%	0.118%
136	10.144	10.117	10.198	VV	2115	29516	0.70%	0.296%
137	10.238	10.198	10.304	VV	327	11833	0.28%	0.119%
138	10.316	10.304	10.338	VV	159	2100	0.05%	0.021%
139	10.354	10.338	10.381	PV	116	1405	0.03%	0.014%
140	10.425	10.381	10.439	VV	226	3707	0.09%	0.037%
141	10.466	10.439	10.481	VV	282	4733	0.11%	0.047%

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142	10.536	10.481	10.559	VV	610	15071	0.36%	0.151%
143	10.588	10.559	10.668	VV	733	32868	0.78%	0.329%
144	10.678	10.668	10.718	VV	352	7551	0.18%	0.076%
145	10.745	10.718	10.765	VV	355	7777	0.18%	0.078%
146	10.774	10.765	10.796	VV	354	5991	0.14%	0.060%
147	10.816	10.796	10.851	VV	598	12350	0.29%	0.124%
148	10.887	10.851	10.919	VV	893	19398	0.46%	0.194%
149	10.944	10.919	10.990	VV	449	14941	0.35%	0.150%
150	11.013	10.990	11.050	VV	795	16023	0.38%	0.160%
151	11.060	11.050	11.071	VV	265	2779	0.07%	0.028%
152	11.106	11.071	11.125	VV	446	9276	0.22%	0.093%
153	11.143	11.125	11.159	VV	257	3927	0.09%	0.039%
154	11.168	11.159	11.189	VV	186	2867	0.07%	0.029%
155	11.218	11.189	11.238	VV	322	7022	0.17%	0.070%
156	11.285	11.238	11.372	VV	1628	43704	1.04%	0.438%
157	11.394	11.372	11.428	VV	294	6215	0.15%	0.062%
158	11.458	11.428	11.473	VV	201	3281	0.08%	0.033%
159	11.524	11.473	11.555	VV	1572	23578	0.56%	0.236%
160	11.593	11.555	11.628	VV	2308	32134	0.76%	0.322%
161	11.686	11.628	11.728	VV	454	12157	0.29%	0.122%
162	11.749	11.728	11.759	VV	127	1417	0.03%	0.014%
163	11.825	11.759	11.865	PV	180	4676	0.11%	0.047%
164	11.902	11.865	11.915	PV	225	4950	0.12%	0.050%
165	11.921	11.915	11.961	VV	286	6696	0.16%	0.067%
166	11.981	11.961	12.022	VV	399	10081	0.24%	0.101%
167	12.051	12.022	12.134	VV	370	11341	0.27%	0.114%
168	12.199	12.134	12.214	VV	314	7988	0.19%	0.080%
169	12.261	12.214	12.298	VV	787	20677	0.49%	0.207%
170	12.309	12.298	12.335	VV	323	4692	0.11%	0.047%
171	12.358	12.335	12.376	VV	239	3992	0.09%	0.040%
172	12.423	12.376	12.442	VV	280	6578	0.16%	0.066%
173	12.480	12.442	12.518	VV	619	16302	0.39%	0.163%
174	12.550	12.518	12.573	VV	526	9973	0.24%	0.100%
175	12.593	12.573	12.611	VV	543	7436	0.18%	0.074%
176	12.632	12.611	12.662	VV	832	14750	0.35%	0.148%
177	12.678	12.662	12.697	VV	341	5366	0.13%	0.054%
178	12.717	12.697	12.731	VV	408	6868	0.16%	0.069%
179	12.762	12.731	12.816	VV	883	18831	0.45%	0.189%
180	12.847	12.816	12.876	VV	1009	14761	0.35%	0.148%
181	12.908	12.876	12.963	VV	2372	35545	0.84%	0.356%
182	12.977	12.963	13.002	VV	284	4526	0.11%	0.045%
183	13.030	13.002	13.103	VV	199	5935	0.14%	0.059%
184	13.169	13.103	13.225	PV	295	9925	0.24%	0.099%
185	13.235	13.225	13.246	VV	155	1510	0.04%	0.015%
186	13.280	13.246	13.300	VV	262	6030	0.14%	0.060%
187	13.357	13.300	13.441	VV	353626	4214158	100.00%	42.208%
188	13.456	13.441	13.485	VV	671	14818	0.35%	0.148%
189	13.523	13.485	13.555	VV	1350	29972	0.71%	0.300%
190	13.580	13.555	13.627	VV	522	18852	0.45%	0.189%
191	13.637	13.627	13.674	VV	349	7160	0.17%	0.072%
192	13.754	13.674	13.768	VV	467	17613	0.42%	0.176%
193	13.794	13.768	13.836	VV	619	18183	0.43%	0.182%
194	13.864	13.836	13.894	VV	340	9222	0.22%	0.092%

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195	13.962	13.894	14.000	VV	512	22036	0.52%	0.221%
196	14.058	14.000	14.081	VV	1074	25837	0.61%	0.259%
197	14.112	14.081	14.151	VV	2534	41871	0.99%	0.419%
198	14.166	14.151	14.195	VV	453	8915	0.21%	0.089%
199	14.203	14.195	14.215	VV	294	2838	0.07%	0.028%
200	14.223	14.215	14.248	VV	208	3909	0.09%	0.039%
201	14.262	14.248	14.271	VV	204	2550	0.06%	0.026%
202	14.334	14.271	14.368	VV	552	19061	0.45%	0.191%
203	14.380	14.368	14.395	VV	378	5143	0.12%	0.052%
204	14.411	14.395	14.455	VV	396	11583	0.27%	0.116%
205	14.473	14.455	14.487	VV	356	5847	0.14%	0.059%
206	14.499	14.487	14.511	VV	359	4585	0.11%	0.046%
207	14.550	14.511	14.596	VV	1484	35964	0.85%	0.360%
208	14.623	14.596	14.635	VV	531	10742	0.25%	0.108%
209	14.676	14.635	14.717	VV	1016	26873	0.64%	0.269%
210	14.738	14.717	14.749	VV	620	9628	0.23%	0.096%
211	14.755	14.749	14.765	VV	540	4796	0.11%	0.048%
212	14.777	14.765	14.852	VV	519	21663	0.51%	0.217%
213	14.885	14.852	14.908	VV	481	13828	0.33%	0.139%
214	14.931	14.908	14.968	VV	588	17559	0.42%	0.176%
215	14.995	14.968	15.018	VV	661	14323	0.34%	0.143%
216	15.030	15.018	15.041	VV	525	6004	0.14%	0.060%
217	15.071	15.041	15.128	VV	536	19761	0.47%	0.198%
218	15.174	15.128	15.193	VV	929	21974	0.52%	0.220%
219	15.218	15.193	15.252	VV	2678	43415	1.03%	0.435%
220	15.268	15.252	15.322	VV	414	11569	0.27%	0.116%
221	15.361	15.322	15.388	VV	300	7297	0.17%	0.073%
222	15.417	15.388	15.441	VV	294	7384	0.18%	0.074%
223	15.455	15.441	15.508	VV	253	7073	0.17%	0.071%
224	15.530	15.508	15.574	VV	260	6332	0.15%	0.063%
225	15.605	15.574	15.614	VV	197	3664	0.09%	0.037%
226	15.658	15.614	15.670	VV	217	6371	0.15%	0.064%
227	15.697	15.670	15.713	VV	249	5313	0.13%	0.053%
228	15.739	15.713	15.818	VV	1612	30924	0.73%	0.310%
229	15.828	15.818	15.853	VV	186	2318	0.06%	0.023%
230	15.916	15.853	15.940	VV	267	7976	0.19%	0.080%
231	15.960	15.940	15.981	VV	241	3778	0.09%	0.038%
232	15.992	15.981	16.015	VV	172	2162	0.05%	0.022%
233	16.058	16.015	16.095	VV	359	9624	0.23%	0.096%
234	16.106	16.095	16.142	VV	221	4874	0.12%	0.049%
235	16.148	16.142	16.174	VV	152	2022	0.05%	0.020%
236	16.203	16.174	16.216	VV	654	8833	0.21%	0.088%
237	16.242	16.216	16.329	VV	3040	51099	1.21%	0.512%
238	16.345	16.329	16.360	VV	119	1502	0.04%	0.015%
239	16.384	16.360	16.393	PV	102	1593	0.04%	0.016%
240	16.450	16.393	16.466	VV	329	8653	0.21%	0.087%
241	16.479	16.466	16.486	VV	125	1276	0.03%	0.013%
242	16.493	16.486	16.510	VV	143	1147	0.03%	0.011%
243	16.551	16.510	16.570	VV	332	8249	0.20%	0.083%
244	16.587	16.570	16.621	VV	188	4242	0.10%	0.042%
245	16.728	16.621	16.758	VV	2260	36007	0.85%	0.361%
246	16.769	16.758	16.788	PV	121	1660	0.04%	0.017%

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247	16.889	16.788	16.915	VV	415	20018	0.48%	0.200%
248	16.996	16.915	17.013	VV	385	16294	0.39%	0.163%
249	17.058	17.013	17.096	VV	543	18684	0.44%	0.187%
250	17.121	17.096	17.133	VV	243	4823	0.11%	0.048%
251	17.194	17.133	17.257	VV	3914	99438	2.36%	0.996%
252	17.322	17.257	17.345	VV	587	26244	0.62%	0.263%
253	17.380	17.345	17.391	VV	986	19383	0.46%	0.194%
254	17.433	17.391	17.465	VV	1115	39202	0.93%	0.393%
255	17.512	17.465	17.548	VV	1038	35874	0.85%	0.359%
256	17.583	17.548	17.604	VV	1135	27747	0.66%	0.278%
257	17.648	17.604	17.700	VV	4143	93782	2.23%	0.939%
258	17.716	17.700	17.731	VV	948	14953	0.35%	0.150%
259	17.762	17.731	17.795	VV	1246	35870	0.85%	0.359%
260	17.820	17.795	17.832	VV	874	16291	0.39%	0.163%
261	17.846	17.832	17.888	VV	812	20611	0.49%	0.206%
262	17.932	17.888	17.954	VV	938	27974	0.66%	0.280%
263	17.986	17.954	18.023	VV	1564	40812	0.97%	0.409%
264	18.085	18.023	18.150	VV	6137	142359	3.38%	1.426%
265	18.231	18.150	18.305	VV	1727	87494	2.08%	0.876%
266	18.328	18.305	18.355	VV	719	15917	0.38%	0.159%
267	18.377	18.355	18.387	VV	638	10776	0.26%	0.108%
268	18.404	18.387	18.415	VV	759	11048	0.26%	0.111%
269	18.431	18.415	18.448	VV	847	13195	0.31%	0.132%
270	18.464	18.448	18.475	VV	549	8426	0.20%	0.084%
271	18.508	18.475	18.537	VV	4866	75628	1.79%	0.757%
272	18.596	18.537	18.625	VV	1086	33273	0.79%	0.333%
273	18.633	18.625	18.649	VV	683	7811	0.19%	0.078%
274	18.659	18.649	18.698	VV	458	7832	0.19%	0.078%
275	18.736	18.698	18.750	VV	288	6079	0.14%	0.061%
276	18.770	18.750	18.798	VV	435	8180	0.19%	0.082%
277	18.810	18.798	18.848	VV	286	5632	0.13%	0.056%
278	18.857	18.848	18.865	PV	141	814	0.02%	0.008%
279	18.919	18.865	18.958	VV	5114	83026	1.97%	0.832%
280	19.020	18.958	19.039	VV	707	12566	0.30%	0.126%
281	19.071	19.039	19.136	VV	708	15291	0.36%	0.153%
282	19.213	19.136	19.240	PV	326	13444	0.32%	0.135%
283	19.318	19.240	19.386	VV	3920	69655	1.65%	0.698%
284	19.423	19.386	19.457	PV	414	9051	0.21%	0.091%
285	19.568	19.457	19.585	VV	346	16432	0.39%	0.165%
286	19.611	19.585	19.640	VV	340	6606	0.16%	0.066%
287	19.705	19.640	19.785	VV	4471	81900	1.94%	0.820%
288	19.833	19.785	19.860	PV	364	8438	0.20%	0.085%
289	19.949	19.860	19.971	VV	395	13800	0.33%	0.138%
290	19.995	19.971	20.041	VV	305	7388	0.18%	0.074%
291	20.082	20.041	20.115	PV	2841	46241	1.10%	0.463%
292	20.135	20.115	20.165	VV	287	6311	0.15%	0.063%
293	20.363	20.165	20.377	PV	555	37934	0.90%	0.380%
294	20.447	20.377	20.481	VV	3584	78456	1.86%	0.786%
295	20.637	20.481	20.763	VV	5131	418342	9.93%	4.190%
296	20.805	20.763	20.845	VV	3020	95818	2.27%	0.960%
297	21.189	20.845	21.248	VV	3003	345681	8.20%	3.462%
298	21.419	21.248	21.445	VV	804	96719	2.30%	0.969%
299	21.516	21.445	21.541	VV	665	36233	0.86%	0.363%

					rt	Area	Area%	Area%
300	21.622	21.541	21.654	VV	1016	43695	1.04%	0.438%
301	21.852	21.654	21.871	VV	218	41069	0.97%	0.411%
					Sum of corrected areas:		9984324	

Aliphatic EPH 030325.M Tue Mar 11 06:25:00 2025

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015636.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 20:13
 Operator : YP\AJ
 Sample : Q1488-03
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 ENV-101-SB02

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Integration File: autoint1.e
 Quant Time: Mar 11 03:25:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.998	7403413	63.595 ug/ml
Spiked Amount 50.000		Recovery =	127.19%
6) S 2-Fluorobiphenyl (SURR)	8.875	4234903	59.453 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.91%
11) S ortho-Terphenyl (SURR)	11.933	3899585	26.509 ug/ml
Spiked Amount 50.000		Recovery =	53.02%

Target Compounds

(f)=RT Delta > 1/2 Window

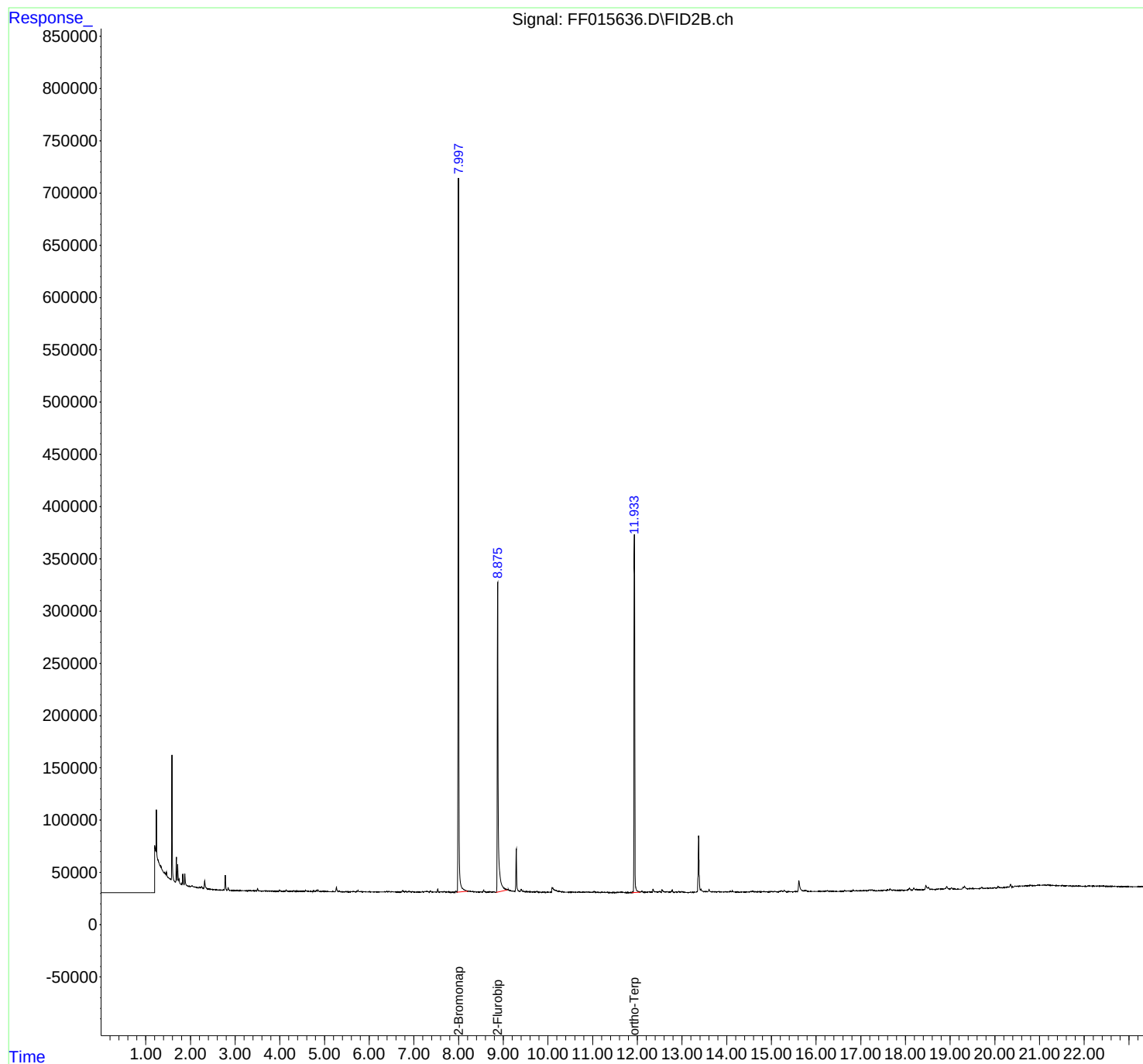
(m)=manual int.

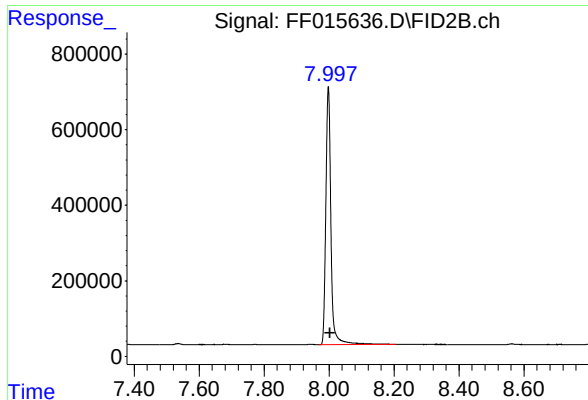
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
Data File : FF015636.D
Signal(s) : FID2B.ch
Acq On : 10 Mar 2025 20:13
Operator : YP\AJ
Sample : Q1488-03
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
ENV-101-SB02

Integration File: autoint1.e
Quant Time: Mar 11 03:25:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Quant Title : GC Extractables
QLast Update : Wed Feb 26 12:36:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

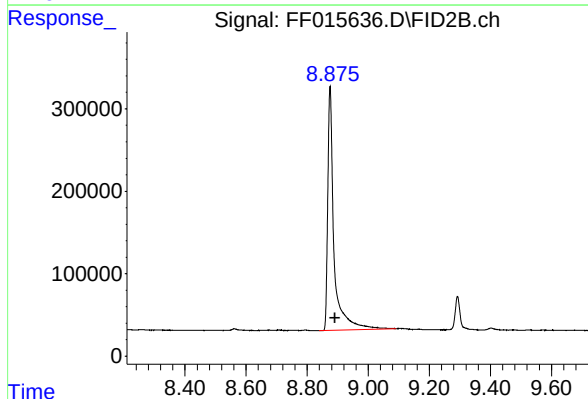




#4 2-Bromonaphthalene (SURRE)

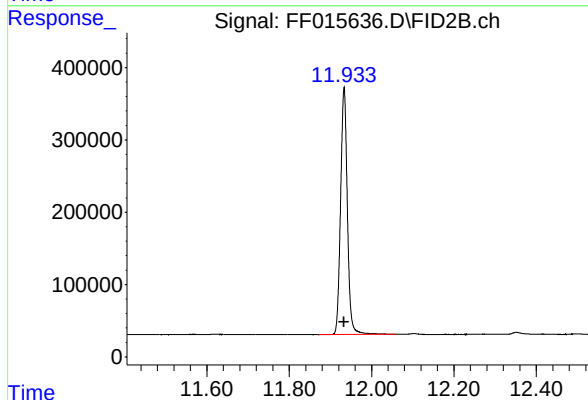
R.T.: 7.998 min
Delta R.T.: -0.005 min
Response: 7403413
Conc: 63.60 ug/ml

Instrument :
FID_F
ClientSampleId :
ENV-101-SB02



#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.875 min
Delta R.T.: -0.017 min
Response: 4234903
Conc: 59.45 ug/ml



#11 ortho-Terphenyl (SURRE)

R.T.: 11.933 min
Delta R.T.: 0.000 min
Response: 3899585
Conc: 26.51 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015636.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 20:13
 Sample : Q1488-03
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.267	5.212	5.307	BV	4111	57913	0.78%	0.339%
2	7.998	7.969	8.206	PB	682361	7403413	100.00%	43.330%
3	8.875	8.839	9.091	BB	295584	4234903	57.20%	24.785%
4	9.292	9.231	9.376	BB	40508	455156	6.15%	2.664%
5	10.097	9.987	10.161	BB	3521	54708	0.74%	0.320%
6	11.933	11.872	12.059	BB	343918	3899585	52.67%	22.823%
7	13.370	13.311	13.472	BB	53387	765184	10.34%	4.478%
8	15.614	15.552	15.711	BB	9935	215391	2.91%	1.261%
Sum of corrected areas:						17086252		

Aromatic EPH 022625.M Tue Mar 11 04:32:47 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052716.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2025 00:03
 Operator : YP\AJ
 Sample : Q1488-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ENV-102-SB01

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Integration File: autoint1.e
 Quant Time: Mar 11 05:25:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.357	6034563	49.697 ug/ml
Spiked Amount	50.000	Recovery	= 99.39%

Target Compounds

(f)=RT Delta > 1/2 Window

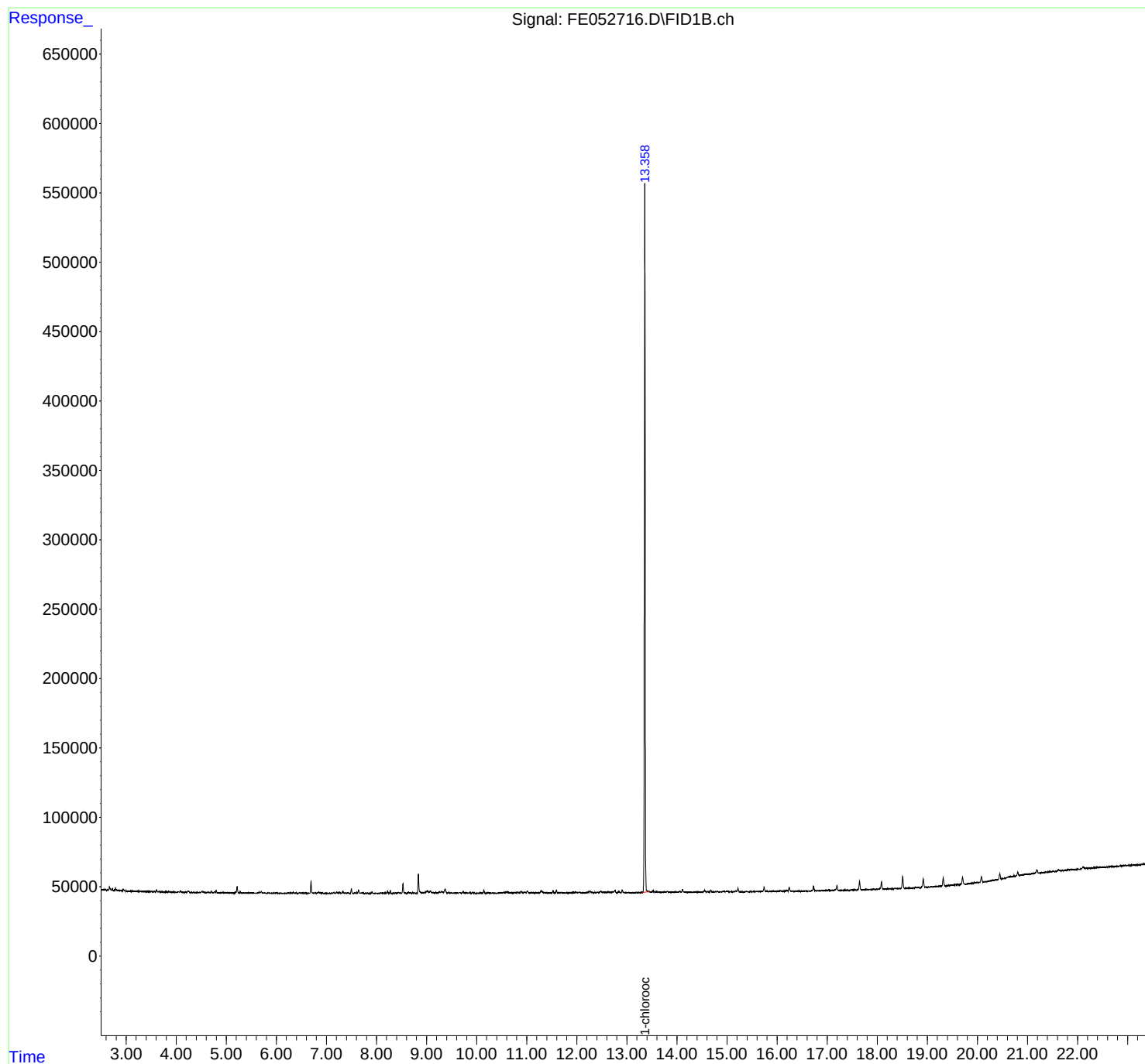
(m)=manual int.

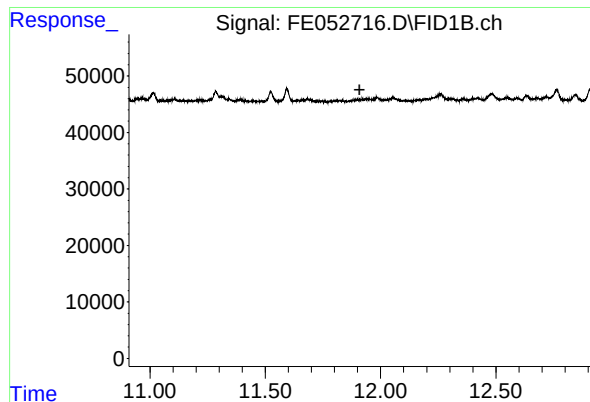
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052716.D
Signal(s) : FID1B.ch
Acq On : 11 Mar 2025 00:03
Operator : YP\AJ
Sample : Q1488-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
ENV-102-SB01

Integration File: autoint1.e
Quant Time: Mar 11 05:25:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

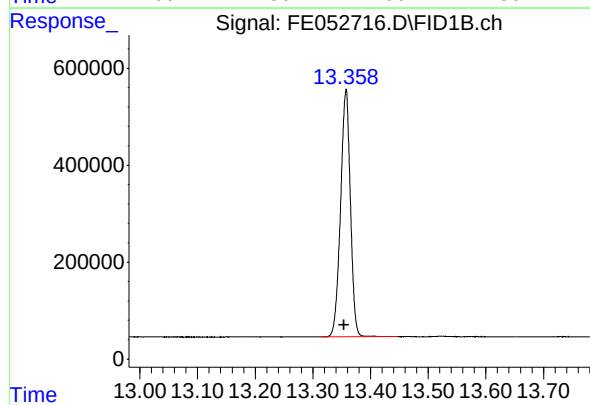




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.909 min
Response: 0
Conc: N.D.

Instrument :
FID_E
ClientSampleId :
ENV-102-SB01



#12 1-chlorooctadecane (SURR)

R.T.: 13.357 min
Delta R.T.: 0.003 min
Response: 6034563
Conc: 49.70 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052716.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2025 00:03
 Sample : Q1488-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	6.692	6.664	6.754	BB	8353	88518	1.47%	1.362%
2	8.529	8.501	8.588	BB	6859	81227	1.35%	1.250%
3	8.838	8.798	8.904	BB	13914	172693	2.86%	2.657%
4	13.357	13.314	13.448	BB	510283	6034563	100.00%	92.835%
5	18.508	18.448	18.548	BB	8520	123278	2.04%	1.897%

Sum of corrected areas: 6500278

Aliphatic EPH 030325.M Tue Mar 11 06:25:55 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015637.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 20:42
 Operator : YP\AJ
 Sample : Q1488-05
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 ENV-102-SB01

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Integration File: autoint1.e
 Quant Time: Mar 11 03:25:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.997	6512903	55.946 ug/ml
Spiked Amount 50.000		Recovery =	111.89%
6) S 2-Fluorobiphenyl (SURR)	8.875	3908861	54.875 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.75%
11) S ortho-Terphenyl (SURR)	11.935	6672885	45.362 ug/ml
Spiked Amount 50.000		Recovery =	90.72%

Target Compounds

(f)=RT Delta > 1/2 Window

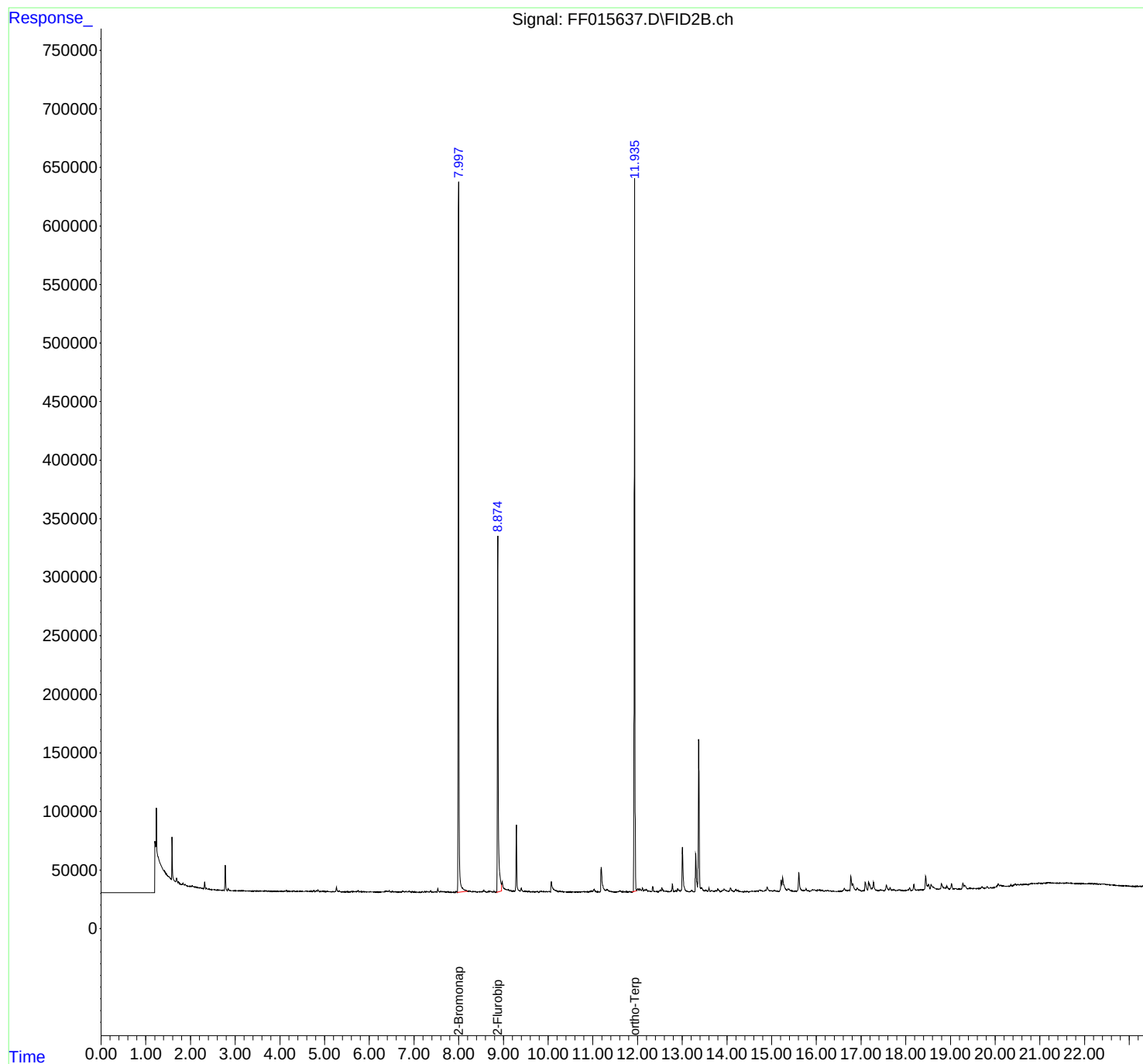
(m)=manual int.

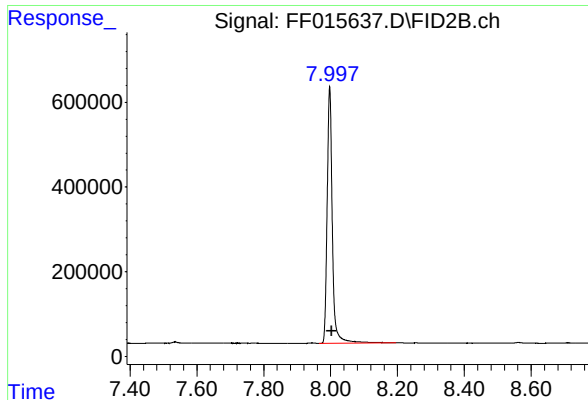
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
Data File : FF015637.D
Signal(s) : FID2B.ch
Acq On : 10 Mar 2025 20:42
Operator : YP\AJ
Sample : Q1488-05
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
ENV-102-SB01

Integration File: autoint1.e
Quant Time: Mar 11 03:25:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Quant Title : GC Extractables
QLast Update : Wed Feb 26 12:36:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

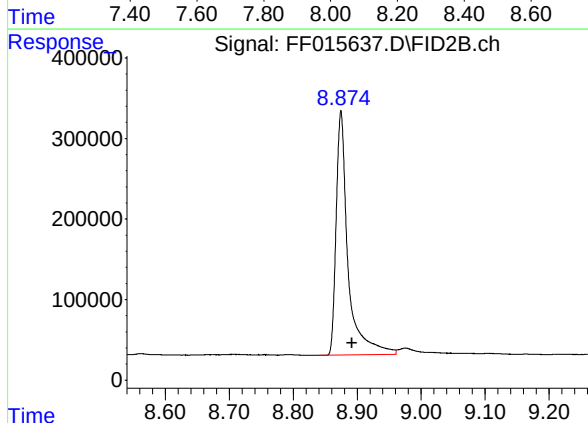




#4 2-Bromonaphthalene (SURR)

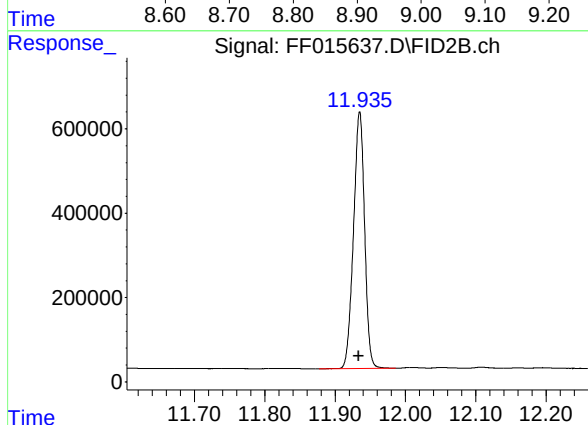
R.T.: 7.997 min
Delta R.T.: -0.006 min
Response: 6512903
Conc: 55.95 ug/ml

Instrument :
FID_F
ClientSampleId :
ENV-102-SB01



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.875 min
Delta R.T.: -0.017 min
Response: 3908861
Conc: 54.88 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: 0.001 min
Response: 6672885
Conc: 45.36 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015637.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 20:42
 Sample : Q1488-05
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.455	4.400	4.480	BV	174	1692	0.03%	0.006%
2	4.537	4.523	4.552	PV	129	1459	0.02%	0.005%
3	4.580	4.552	4.629	PV	578	12709	0.19%	0.043%
4	4.639	4.629	4.668	VV	173	2078	0.03%	0.007%
5	4.695	4.668	4.735	VV	272	4143	0.06%	0.014%
6	4.756	4.735	4.787	VV	1305	17294	0.26%	0.059%
7	4.819	4.787	4.834	VV	930	12494	0.19%	0.043%
8	4.852	4.834	4.904	VV	1666	23604	0.35%	0.081%
9	4.943	4.904	4.961	VV	487	8639	0.13%	0.029%
10	4.979	4.961	5.042	VV	414	10115	0.15%	0.035%
11	5.060	5.042	5.079	VV	420	5060	0.08%	0.017%
12	5.094	5.089	5.119	VV	113	1392	0.02%	0.005%
13	5.123	5.119	5.159	VV	103	1412	0.02%	0.005%
14	5.178	5.159	5.214	VV	332	4905	0.07%	0.017%
15	5.266	5.214	5.311	PV	3993	58713	0.87%	0.200%
16	5.329	5.311	5.359	VV	877	11986	0.18%	0.041%
17	5.379	5.377	5.395	VV	145	1013	0.02%	0.003%
18	5.434	5.418	5.445	VV	109	1278	0.02%	0.004%
19	5.475	5.469	5.500	VV	208	2325	0.03%	0.008%
20	5.508	5.500	5.527	VV	123	1180	0.02%	0.004%
21	5.610	5.564	5.615	VV	343	5438	0.08%	0.019%
22	5.620	5.615	5.624	VV	331	1557	0.02%	0.005%
23	5.628	5.624	5.632	VV	355	1676	0.02%	0.006%
24	5.634	5.632	5.654	VV	364	3874	0.06%	0.013%
25	5.664	5.654	5.670	VV	376	2792	0.04%	0.010%
26	5.672	5.670	5.681	VV	346	1694	0.03%	0.006%
27	5.688	5.681	5.698	VV	285	2493	0.04%	0.009%
28	5.720	5.698	5.731	VV	444	6348	0.09%	0.022%
29	5.749	5.731	5.794	VV	1270	21164	0.31%	0.072%
30	5.806	5.794	5.841	VV	423	6979	0.10%	0.024%
31	5.848	5.841	5.879	VV	218	3394	0.05%	0.012%
32	5.894	5.879	5.902	VV	230	2589	0.04%	0.009%
33	5.907	5.902	5.925	VV	216	1935	0.03%	0.007%
34	5.967	5.947	6.003	VV	169	3165	0.05%	0.011%
35	6.013	6.003	6.030	VV	218	2422	0.04%	0.008%
36	6.033	6.030	6.055	VV	160	1426	0.02%	0.005%

					rteres			
37	6.060	6.055	6.107	VV	154	3086	0.05%	0.011%
38	6.128	6.121	6.155	PV	105	1329	0.02%	0.005%
39	6.202	6.191	6.223	VV	100	1024	0.02%	0.003%
40	6.238	6.223	6.269	VV	155	1918	0.03%	0.007%
41	6.291	6.280	6.306	VV	232	2624	0.04%	0.009%
42	6.309	6.306	6.318	VV	227	1258	0.02%	0.004%
43	6.386	6.318	6.423	VV	1065	38348	0.57%	0.131%
44	6.446	6.423	6.472	VV	1412	22922	0.34%	0.078%
45	6.477	6.472	6.481	VV	401	1988	0.03%	0.007%
46	6.485	6.481	6.490	VV	452	2194	0.03%	0.007%
47	6.508	6.490	6.559	VV	591	17658	0.26%	0.060%
48	6.572	6.559	6.600	VV	332	5469	0.08%	0.019%
49	6.602	6.600	6.614	VV	240	1476	0.02%	0.005%
50	6.619	6.614	6.636	VV	195	2198	0.03%	0.007%
51	6.641	6.636	6.657	VV	158	1779	0.03%	0.006%
52	6.669	6.664	6.674	VV	220	1124	0.02%	0.004%
53	6.678	6.674	6.697	VV	233	2680	0.04%	0.009%
54	6.699	6.697	6.720	VV	247	2539	0.04%	0.009%
55	6.746	6.720	6.802	VV	1013	24451	0.36%	0.083%
56	6.817	6.802	6.843	VV	788	11320	0.17%	0.039%
57	6.859	6.843	6.871	VV	415	5324	0.08%	0.018%
58	6.890	6.871	6.916	VV	1069	15534	0.23%	0.053%
59	6.923	6.916	6.945	VV	414	4702	0.07%	0.016%
60	6.965	6.945	7.002	VV	580	9934	0.15%	0.034%
61	7.006	7.002	7.039	VV	221	2711	0.04%	0.009%
62	7.046	7.039	7.064	PV	292	1998	0.03%	0.007%
63	7.070	7.064	7.090	VV	188	1981	0.03%	0.007%
64	7.114	7.104	7.123	VV	181	1294	0.02%	0.004%
65	7.142	7.139	7.168	VV	154	1175	0.02%	0.004%
66	7.188	7.168	7.219	VV	698	9149	0.14%	0.031%
67	7.245	7.219	7.269	VV	694	13581	0.20%	0.046%
68	7.291	7.269	7.307	VV	868	14266	0.21%	0.049%
69	7.313	7.307	7.344	VV	579	8796	0.13%	0.030%
70	7.371	7.344	7.436	VV	1326	26153	0.39%	0.089%
71	7.474	7.436	7.509	VV	560	17068	0.25%	0.058%
72	7.535	7.509	7.586	VV	3355	53899	0.80%	0.184%
73	7.608	7.586	7.632	VV	824	18569	0.28%	0.063%
74	7.645	7.632	7.664	VV	719	10919	0.16%	0.037%
75	7.685	7.664	7.713	VV	756	15457	0.23%	0.053%
76	7.719	7.713	7.730	VV	361	3392	0.05%	0.012%
77	7.741	7.730	7.759	VV	559	7428	0.11%	0.025%
78	7.772	7.759	7.804	VV	583	9130	0.14%	0.031%
79	7.822	7.804	7.836	VV	221	3128	0.05%	0.011%
80	7.841	7.836	7.874	VV	199	2753	0.04%	0.009%
81	7.895	7.874	7.909	PV	229	2878	0.04%	0.010%
82	7.944	7.909	7.966	VV	1113	16923	0.25%	0.058%
83	7.997	7.966	8.132	VV	605358	6541163	97.35%	22.318%
84	8.139	8.132	8.197	VV	2110	65763	0.98%	0.224%
85	8.207	8.197	8.237	VV	1252	25812	0.38%	0.088%
86	8.256	8.237	8.284	VV	1168	25724	0.38%	0.088%
87	8.287	8.284	8.298	VV	718	5781	0.09%	0.020%
88	8.314	8.298	8.332	VV	783	13976	0.21%	0.048%
89	8.345	8.332	8.379	VV	796	17929	0.27%	0.061%

					rt	Area	%Area	%Area
90	8.382	8.379	8.409	VV	544	8149	0.12%	0.028%
91	8.418	8.409	8.424	VV	437	3365	0.05%	0.011%
92	8.450	8.424	8.455	VV	513	8326	0.12%	0.028%
93	8.471	8.455	8.502	VV	593	13857	0.21%	0.047%
94	8.531	8.502	8.542	VV	887	16745	0.25%	0.057%
95	8.562	8.542	8.637	VV	2059	46371	0.69%	0.158%
96	8.676	8.637	8.685	VV	763	16051	0.24%	0.055%
97	8.712	8.685	8.737	VV	1112	26540	0.39%	0.091%
98	8.755	8.737	8.777	VV	669	11842	0.18%	0.040%
99	8.794	8.777	8.824	VV	966	13218	0.20%	0.045%
100	8.875	8.847	8.961	VV	303280	3956139	58.88%	13.498%
101	8.976	8.961	9.090	VV	8950	312920	4.66%	1.068%
102	9.105	9.090	9.150	VV	2272	66924	1.00%	0.228%
103	9.164	9.150	9.199	VV	1464	34119	0.51%	0.116%
104	9.215	9.199	9.253	VV	1177	34531	0.51%	0.118%
105	9.292	9.253	9.379	VV	57682	719364	10.71%	2.454%
106	9.401	9.379	9.455	VV	3725	81145	1.21%	0.277%
107	9.475	9.455	9.517	VV	1143	31476	0.47%	0.107%
108	9.524	9.517	9.552	VV	855	12940	0.19%	0.044%
109	9.575	9.552	9.600	VV	994	19671	0.29%	0.067%
110	9.604	9.600	9.617	VV	528	4405	0.07%	0.015%
111	9.634	9.617	9.664	VV	525	13276	0.20%	0.045%
112	9.669	9.664	9.680	VV	616	4773	0.07%	0.016%
113	9.689	9.680	9.730	VV	603	13498	0.20%	0.046%
114	9.752	9.730	9.798	VV	914	16731	0.25%	0.057%
115	9.820	9.798	9.852	VV	1054	23986	0.36%	0.082%
116	9.857	9.852	9.882	VV	663	10752	0.16%	0.037%
117	9.899	9.882	9.921	VV	639	11849	0.18%	0.040%
118	9.956	9.921	9.985	VV	739	20188	0.30%	0.069%
119	10.006	9.985	10.015	VV	773	10243	0.15%	0.035%
120	10.025	10.015	10.053	VV	878	13404	0.20%	0.046%
121	10.073	10.053	10.161	VV	8984	242848	3.61%	0.829%
122	10.166	10.161	10.231	VV	1795	48039	0.71%	0.164%
123	10.238	10.231	10.248	VV	769	7063	0.11%	0.024%
124	10.261	10.248	10.290	VV	871	18871	0.28%	0.064%
125	10.309	10.290	10.332	VV	747	16959	0.25%	0.058%
126	10.344	10.332	10.367	VV	522	8212	0.12%	0.028%
127	10.400	10.367	10.419	VV	371	9114	0.14%	0.031%
128	10.423	10.419	10.434	VV	314	2225	0.03%	0.008%
129	10.443	10.434	10.460	VV	367	3769	0.06%	0.013%
130	10.487	10.460	10.504	VV	476	7988	0.12%	0.027%
131	10.509	10.504	10.532	VV	215	2539	0.04%	0.009%
132	10.563	10.532	10.583	PV	368	6769	0.10%	0.023%
133	10.598	10.583	10.618	VV	310	4586	0.07%	0.016%
134	10.635	10.618	10.669	VV	417	8334	0.12%	0.028%
135	10.693	10.669	10.712	VV	489	7651	0.11%	0.026%
136	10.729	10.712	10.742	VV	295	4314	0.06%	0.015%
137	10.747	10.742	10.751	VV	274	1548	0.02%	0.005%
138	10.766	10.751	10.776	VV	476	5684	0.08%	0.019%
139	10.807	10.776	10.825	VV	636	13659	0.20%	0.047%
140	10.844	10.825	10.870	VV	573	10564	0.16%	0.036%
141	10.892	10.870	10.900	VV	424	6199	0.09%	0.021%

					rteres			
142	10.906	10.900	10.912	VV	418	2772	0.04%	0.009%
143	10.931	10.912	10.945	VV	620	10165	0.15%	0.035%
144	10.963	10.945	10.986	VV	1252	22742	0.34%	0.078%
145	10.992	10.986	11.001	VV	928	7029	0.10%	0.024%
146	11.032	11.001	11.097	VV	2457	63481	0.94%	0.217%
147	11.111	11.097	11.153	VV	647	12130	0.18%	0.041%
148	11.187	11.153	11.289	VV	21320	473205	7.04%	1.615%
149	11.308	11.289	11.417	VV	2188	100753	1.50%	0.344%
150	11.421	11.417	11.457	VV	593	9719	0.14%	0.033%
151	11.462	11.457	11.482	VV	259	3015	0.04%	0.010%
152	11.488	11.482	11.505	VV	191	1635	0.02%	0.006%
153	11.550	11.516	11.569	VV	483	7835	0.12%	0.027%
154	11.612	11.569	11.662	VV	1163	35867	0.53%	0.122%
155	11.689	11.662	11.697	VV	415	7215	0.11%	0.025%
156	11.703	11.697	11.722	VV	409	5047	0.08%	0.017%
157	11.741	11.722	11.792	VV	526	12600	0.19%	0.043%
158	11.814	11.792	11.839	VV	515	9688	0.14%	0.033%
159	11.843	11.839	11.864	VV	329	2895	0.04%	0.010%
160	11.935	11.864	11.986	VV	610877	6719164	100.00%	22.925%
161	12.008	11.986	12.034	VV	2925	62120	0.92%	0.212%
162	12.050	12.034	12.088	VV	2892	67176	1.00%	0.229%
163	12.108	12.088	12.142	VV	3655	70739	1.05%	0.241%
164	12.160	12.142	12.176	VV	2119	34632	0.52%	0.118%
165	12.194	12.176	12.234	VV	2426	57154	0.85%	0.195%
166	12.239	12.234	12.244	VV	932	5645	0.08%	0.019%
167	12.248	12.244	12.275	VV	964	15463	0.23%	0.053%
168	12.278	12.275	12.306	VV	844	10155	0.15%	0.035%
169	12.341	12.306	12.409	VV	4738	84681	1.26%	0.289%
170	12.415	12.409	12.426	VV	588	4974	0.07%	0.017%
171	12.434	12.426	12.464	VV	554	8786	0.13%	0.030%
172	12.505	12.464	12.528	VV	1494	37128	0.55%	0.127%
173	12.543	12.528	12.596	VV	3783	75789	1.13%	0.259%
174	12.607	12.596	12.625	VV	860	12918	0.19%	0.044%
175	12.639	12.625	12.673	VV	1080	20711	0.31%	0.071%
176	12.679	12.673	12.708	VV	494	8102	0.12%	0.028%
177	12.720	12.708	12.729	VV	378	4149	0.06%	0.014%
178	12.780	12.729	12.828	VV	6861	114327	1.70%	0.390%
179	12.856	12.828	12.876	VV	1617	26212	0.39%	0.089%
180	12.896	12.876	12.915	VV	2892	44390	0.66%	0.151%
181	12.925	12.915	12.949	VV	1790	28150	0.42%	0.096%
182	12.958	12.949	12.969	VV	1226	13422	0.20%	0.046%
183	13.003	12.969	13.109	VV	38294	691528	10.29%	2.359%
184	13.114	13.109	13.162	VV	670	12852	0.19%	0.044%
185	13.214	13.162	13.258	VV	1577	36031	0.54%	0.123%
186	13.301	13.258	13.340	VV	32886	505318	7.52%	1.724%
187	13.368	13.340	13.420	VV	129125	1759780	26.19%	6.004%
188	13.434	13.420	13.505	VV	3550	104177	1.55%	0.355%
189	13.528	13.505	13.568	VV	1636	41438	0.62%	0.141%
190	13.596	13.568	13.634	VV	3391	57147	0.85%	0.195%
191	13.661	13.634	13.699	VV	1323	33795	0.50%	0.115%
192	13.708	13.699	13.715	VV	603	5104	0.08%	0.017%
193	13.753	13.715	13.772	VV	1307	31797	0.47%	0.108%
194	13.799	13.772	13.859	VV	2321	67763	1.01%	0.231%

					rteres			
195	13.866	13.859	13.875	VV	339	2832	0.04%	0.010%
196	13.908	13.875	13.922	VV	1664	33728	0.50%	0.115%
197	13.938	13.922	13.977	VV	2489	54910	0.82%	0.187%
198	13.986	13.977	14.024	VV	1179	21793	0.32%	0.074%
199	14.078	14.024	14.113	VV	3393	84843	1.26%	0.289%
200	14.119	14.113	14.148	VV	1138	15283	0.23%	0.052%
201	14.195	14.148	14.229	VV	2425	56351	0.84%	0.192%
202	14.243	14.229	14.314	VV	1428	36760	0.55%	0.125%
203	14.327	14.314	14.355	VV	258	4270	0.06%	0.015%
204	14.422	14.355	14.439	VV	459	10849	0.16%	0.037%
205	14.462	14.439	14.502	VV	374	7433	0.11%	0.025%
206	14.531	14.502	14.543	PV	454	7015	0.10%	0.024%
207	14.564	14.543	14.585	VV	715	13045	0.19%	0.045%
208	14.608	14.585	14.627	VV	623	12407	0.18%	0.042%
209	14.669	14.627	14.700	VV	785	25738	0.38%	0.088%
210	14.725	14.700	14.731	VV	1437	21065	0.31%	0.072%
211	14.735	14.731	14.753	VV	1460	18200	0.27%	0.062%
212	14.759	14.753	14.822	VV	1321	34911	0.52%	0.119%
213	14.830	14.822	14.835	VV	607	4627	0.07%	0.016%
214	14.855	14.835	14.874	VV	1669	26964	0.40%	0.092%
215	14.899	14.874	14.959	VV	4151	106563	1.59%	0.364%
216	14.962	14.959	14.968	VV	822	4517	0.07%	0.015%
217	14.979	14.968	14.995	VV	896	13162	0.20%	0.045%
218	15.007	14.995	15.025	VV	906	13999	0.21%	0.048%
219	15.049	15.025	15.058	VV	999	17028	0.25%	0.058%
220	15.070	15.058	15.107	VV	1085	26190	0.39%	0.089%
221	15.117	15.107	15.157	VV	722	14652	0.22%	0.050%
222	15.210	15.157	15.227	VV	9864	158629	2.36%	0.541%
223	15.244	15.227	15.344	VV	12251	357592	5.32%	1.220%
224	15.366	15.344	15.385	VV	2544	50066	0.75%	0.171%
225	15.392	15.385	15.415	VV	2033	28098	0.42%	0.096%
226	15.429	15.415	15.497	VV	1072	34220	0.51%	0.117%
227	15.534	15.497	15.562	VV	633	17734	0.26%	0.061%
228	15.608	15.562	15.729	VV	16360	354858	5.28%	1.211%
229	15.770	15.729	15.795	VV	2442	54126	0.81%	0.185%
230	15.815	15.795	15.852	VV	946	21331	0.32%	0.073%
231	15.873	15.852	15.880	VV	633	9101	0.14%	0.031%
232	15.910	15.880	15.930	VV	1948	39408	0.59%	0.134%
233	15.956	15.930	15.990	VV	1694	45736	0.68%	0.156%
234	16.002	15.990	16.012	VV	924	11521	0.17%	0.039%
235	16.035	16.012	16.050	VV	1357	26029	0.39%	0.089%
236	16.065	16.050	16.077	VV	1398	20736	0.31%	0.071%
237	16.081	16.077	16.113	VV	1329	23640	0.35%	0.081%
238	16.133	16.113	16.162	VV	1034	24233	0.36%	0.083%
239	16.179	16.162	16.185	VV	576	7399	0.11%	0.025%
240	16.209	16.185	16.228	VV	804	16388	0.24%	0.056%
241	16.249	16.228	16.283	VV	1224	25512	0.38%	0.087%
242	16.293	16.283	16.302	VV	549	5760	0.09%	0.020%
243	16.316	16.302	16.368	VV	645	16317	0.24%	0.056%
244	16.384	16.368	16.407	VV	364	6212	0.09%	0.021%
245	16.423	16.407	16.444	VV	165	1939	0.03%	0.007%
246	16.511	16.491	16.543	VV	327	4555	0.07%	0.016%

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247	16.564	16.543	16.571	VV	216	2332	0.03%	0.008%
248	16.624	16.571	16.666	VV	2651	67679	1.01%	0.231%
249	16.677	16.666	16.697	VV	919	15476	0.23%	0.053%
250	16.700	16.697	16.712	VV	716	6193	0.09%	0.021%
251	16.732	16.712	16.748	VV	1270	20108	0.30%	0.069%
252	16.770	16.748	16.799	VV	12950	228374	3.40%	0.779%
253	16.814	16.799	16.880	VV	6385	169314	2.52%	0.578%
254	16.914	16.880	17.015	VV	2789	101611	1.51%	0.347%
255	17.035	17.015	17.047	VV	568	7420	0.11%	0.025%
256	17.060	17.047	17.071	VV	706	8107	0.12%	0.028%
257	17.093	17.071	17.147	VV	7821	166928	2.48%	0.570%
258	17.167	17.147	17.229	VV	7941	215723	3.21%	0.736%
259	17.249	17.229	17.257	VV	2812	40726	0.61%	0.139%
260	17.279	17.257	17.381	VV	7706	171803	2.56%	0.586%
261	17.445	17.381	17.465	VV	883	27508	0.41%	0.094%
262	17.483	17.465	17.520	VV	676	13605	0.20%	0.046%
263	17.566	17.520	17.625	VV	5071	127920	1.90%	0.436%
264	17.649	17.625	17.673	VV	2906	48408	0.72%	0.165%
265	17.680	17.673	17.704	VV	827	12672	0.19%	0.043%
266	17.736	17.704	17.777	VV	1103	27494	0.41%	0.094%
267	17.809	17.777	17.824	VV	373	7603	0.11%	0.026%
268	17.849	17.824	17.950	VV	757	33321	0.50%	0.114%
269	17.982	17.959	17.991	VV	148	1639	0.02%	0.006%
270	18.022	17.999	18.035	VV	463	7096	0.11%	0.024%
271	18.059	18.035	18.065	VV	752	9773	0.15%	0.033%
272	18.086	18.065	18.116	VV	2458	37600	0.56%	0.128%
273	18.137	18.116	18.149	PV	141	1591	0.02%	0.005%
274	18.180	18.149	18.230	VV	5422	88022	1.31%	0.300%
275	18.251	18.230	18.269	VV	438	8626	0.13%	0.029%
276	18.274	18.269	18.299	VV	330	4944	0.07%	0.017%
277	18.321	18.299	18.342	VV	442	8048	0.12%	0.027%
278	18.363	18.342	18.387	VV	390	6901	0.10%	0.024%
279	18.446	18.387	18.490	PV	11815	247138	3.68%	0.843%
280	18.510	18.490	18.542	VV	4664	96933	1.44%	0.331%
281	18.565	18.542	18.607	VV	4335	109777	1.63%	0.375%
282	18.614	18.607	18.705	VV	2249	60700	0.90%	0.207%
283	18.713	18.705	18.730	VV	131	1571	0.02%	0.005%
Sum of corrected areas:					29309312			

Aromatic EPH 022625.M Tue Mar 11 04:34:35 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052717.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2025 00:33
 Operator : YP\AJ
 Sample : Q1488-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ENV-102-SB02

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Mar 11 05:25:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.356	4436611	36.538 ug/ml
Spiked Amount	50.000	Recovery	= 73.08%

Target Compounds

(f)=RT Delta > 1/2 Window

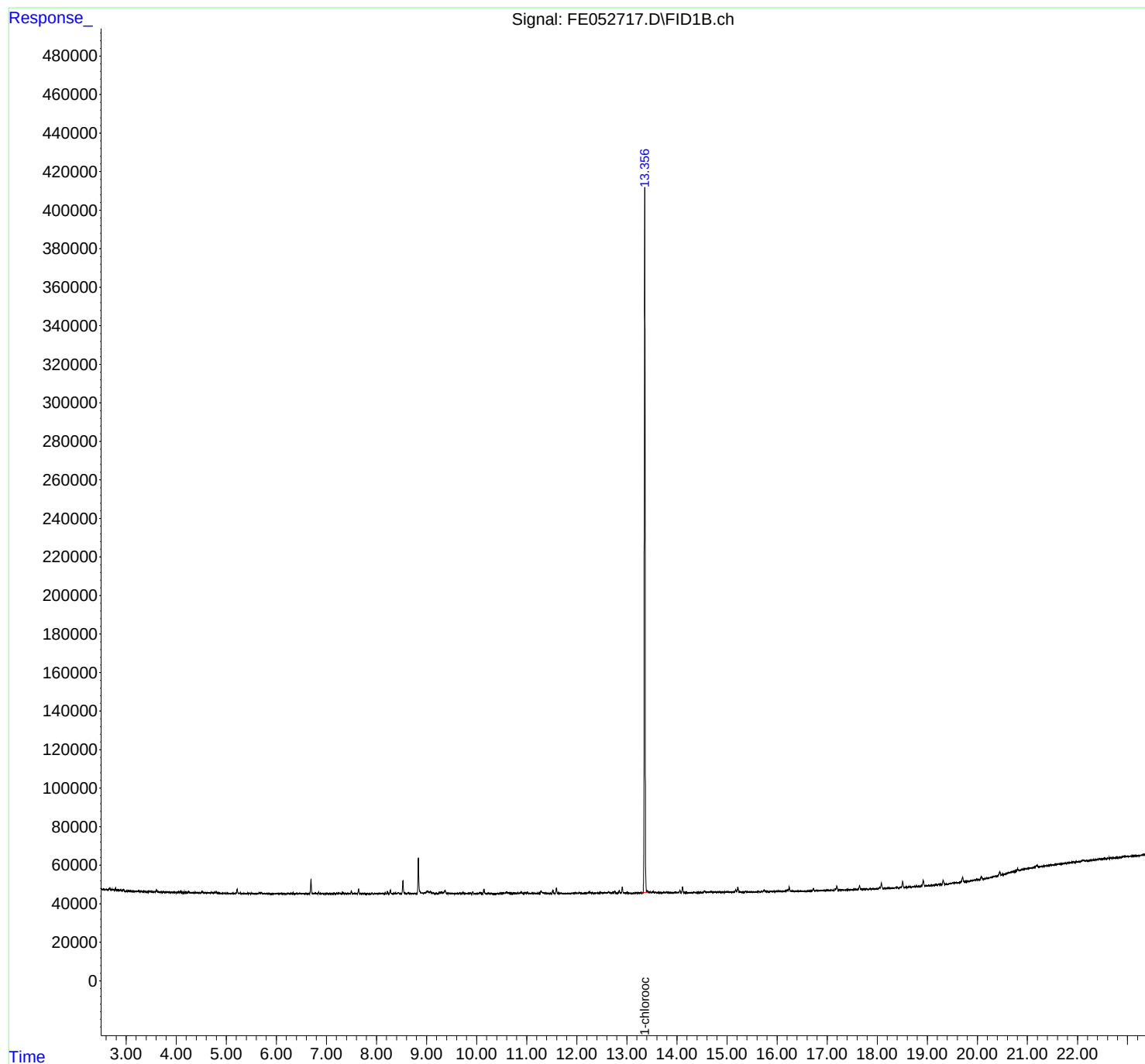
(m)=manual int.

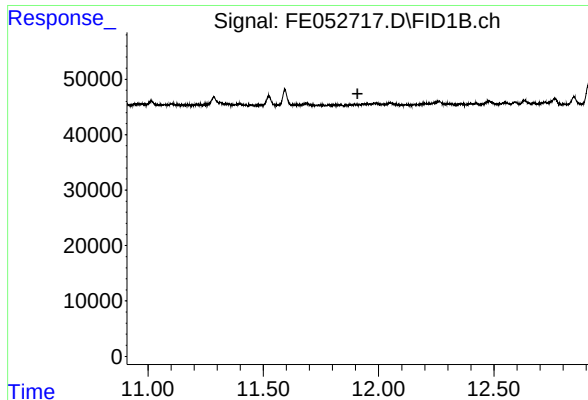
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052717.D
Signal(s) : FID1B.ch
Acq On : 11 Mar 2025 00:33
Operator : YP\AJ
Sample : Q1488-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
ENV-102-SB02

Integration File: autoint1.e
Quant Time: Mar 11 05:25:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

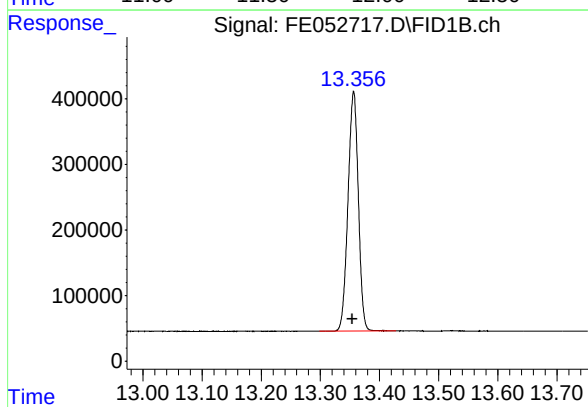




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.909 min
Response: 0
Conc: N.D.

Instrument :
FID_E
ClientSampleId :
ENV-102-SB02



#12 1-chlorooctadecane (SURR)

R.T.: 13.356 min
Delta R.T.: 0.002 min
Response: 4436611
Conc: 36.54 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052717.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2025 00:33
 Sample : Q1488-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	6.692	6.665	6.748	BB	7401	80375	1.81%	1.670%
2	8.529	8.501	8.591	BB	6862	81461	1.84%	1.693%
3	8.837	8.748	8.898	BB	18511	213955	4.82%	4.446%
4	13.356	13.298	13.428	BB	362159	4436611	100.00%	92.191%
Sum of corrected areas:						4812401		

Aliphatic EPH 030325.M Tue Mar 11 06:26:17 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015638.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 21:11
 Operator : YP\AJ
 Sample : Q1488-07
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 ENV-102-SB02

Integration File: autoint1.e
 Quant Time: Mar 11 03:25:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.998	6119437	52.566 ug/ml
Spiked Amount 50.000		Recovery =	105.13%
6) S 2-Fluorobiphenyl (SURR)	8.876	3620112	50.822 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.64%
11) S ortho-Terphenyl (SURR)	11.934	5650419	38.411 ug/ml
Spiked Amount 50.000		Recovery =	76.82%

Target Compounds

(f)=RT Delta > 1/2 Window

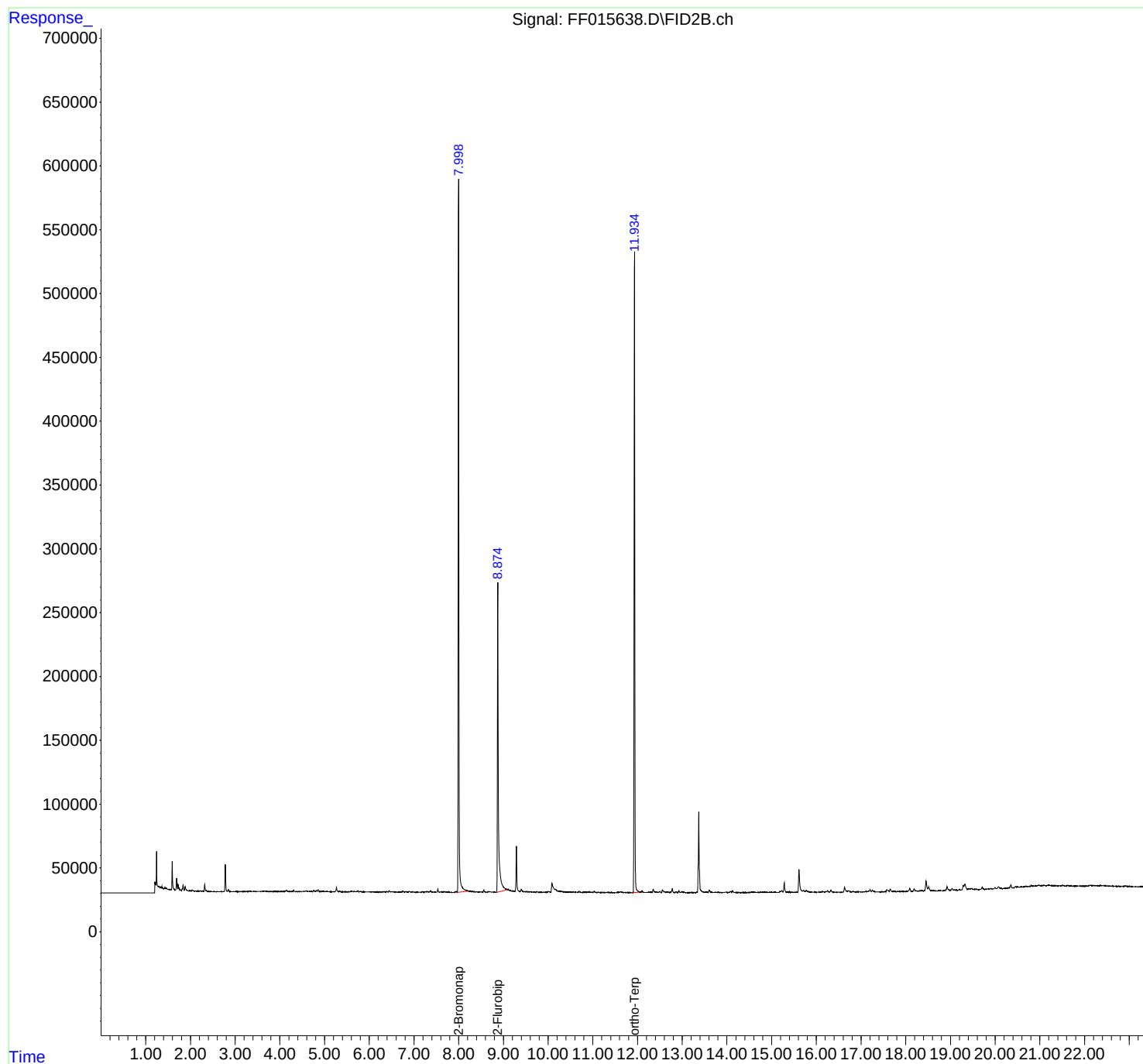
(m)=manual int.

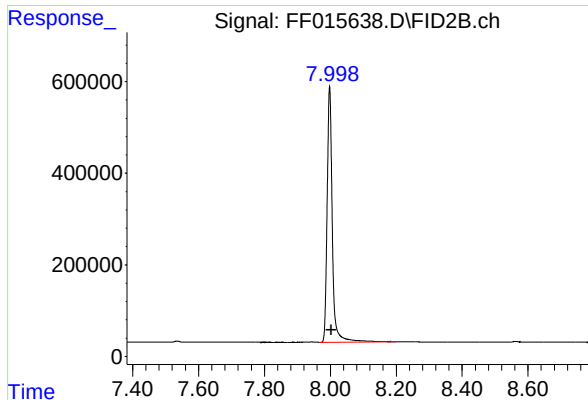
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
Data File : FF015638.D
Signal(s) : FID2B.ch
Acq On : 10 Mar 2025 21:11
Operator : YP\AJ
Sample : Q1488-07
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
ENV-102-SB02

Integration File: autoint1.e
Quant Time: Mar 11 03:25:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Quant Title : GC Extractables
QLast Update : Wed Feb 26 12:36:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

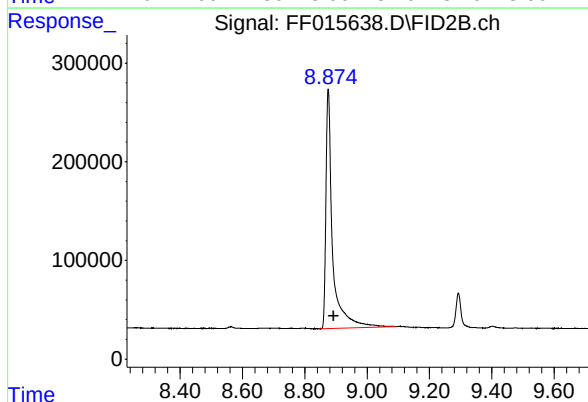




#4 2-Bromonaphthalene (SURR)

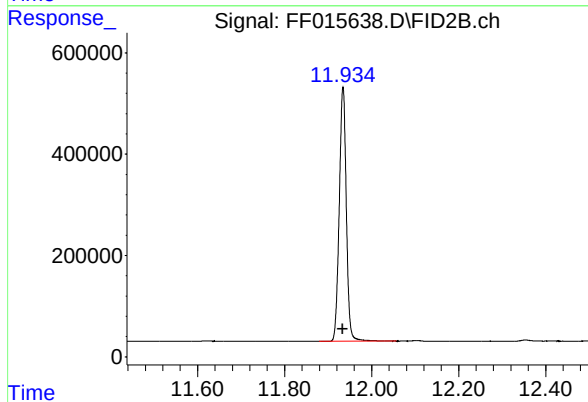
R.T.: 7.998 min
Delta R.T.: -0.005 min
Response: 6119437
Conc: 52.57 ug/ml

Instrument :
FID_F
ClientSampleId :
ENV-102-SB02



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.876 min
Delta R.T.: -0.016 min
Response: 3620112
Conc: 50.82 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: 0.000 min
Response: 5650419
Conc: 38.41 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015638.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 21:11
 Sample : Q1488-07
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	7.998	7.966	8.199	PB	558258	6119437	100.00%	35.277%
2	8.876	8.846	9.092	BB	242122	3620112	59.16%	20.869%
3	9.293	9.239	9.371	BB	35327	406346	6.64%	2.342%
4	10.086	10.061	10.159	BV	6375	157657	2.58%	0.909%
5	11.934	11.879	12.056	BB	502096	5650419	92.34%	32.573%
6	13.370	13.331	13.474	BB	63023	903705	14.77%	5.210%
7	15.280	15.252	15.341	VBA	7250	111242	1.82%	0.641%
8	15.610	15.572	15.692	BV	17836	312238	5.10%	1.800%
9	16.630	16.599	16.689	BB	3568	65835	1.08%	0.380%
Sum of corrected areas:						17346990		

Aromatic EPH 022625.M Tue Mar 11 04:34:59 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052718.D
Signal(s) : FID1B.ch
Acq On : 11 Mar 2025 01:03
Operator : YP\AJ
Sample : Q1488-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
ENV-104-SB01

Integration File: autoint1.e
Quant Time: Mar 11 05:26:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.358	5213495	42.936 ug/ml
Spiked Amount	50.000	Recovery	= 85.87%

Target Compounds

(f)=RT Delta > 1/2 Window

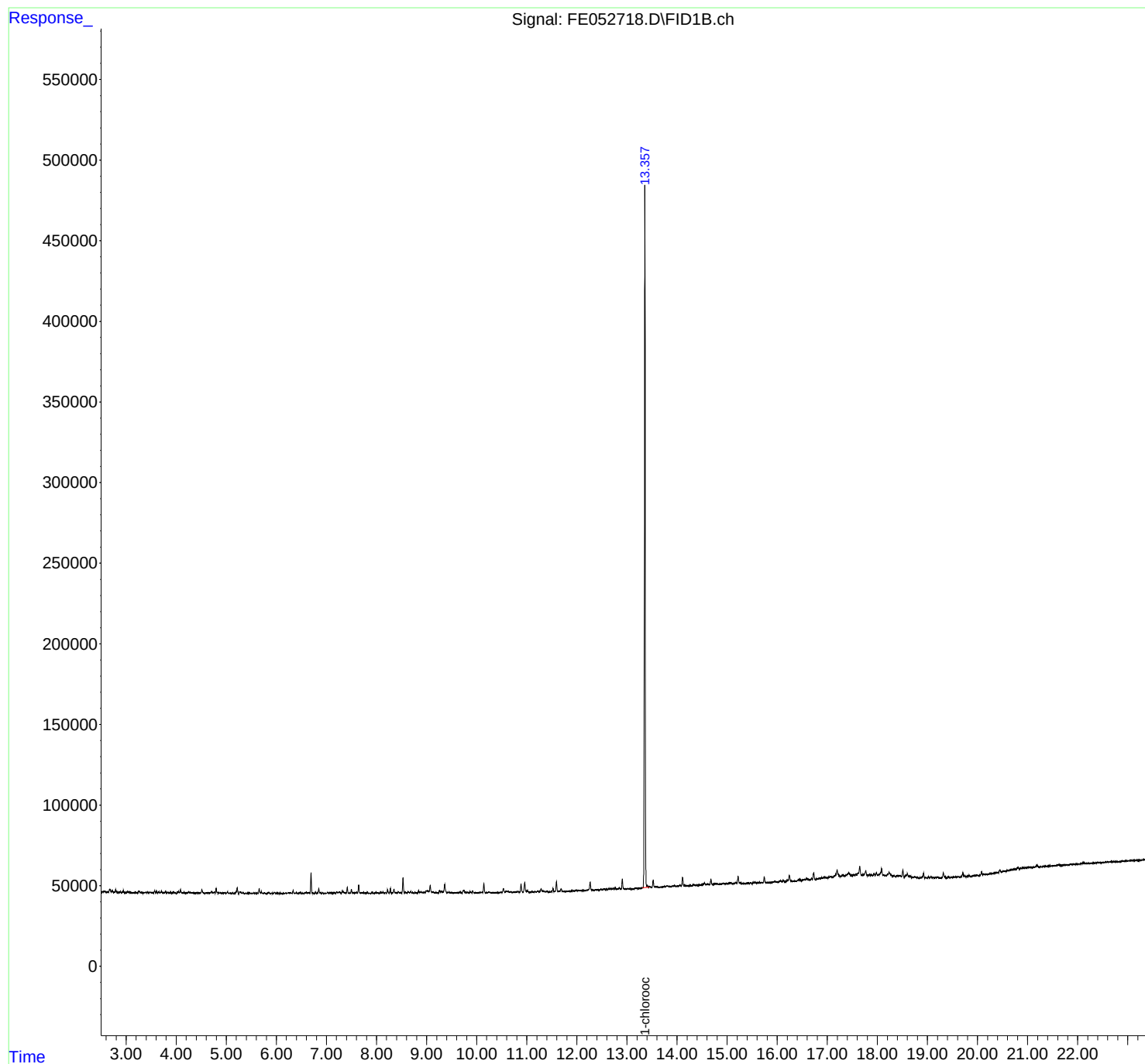
(m)=manual int.

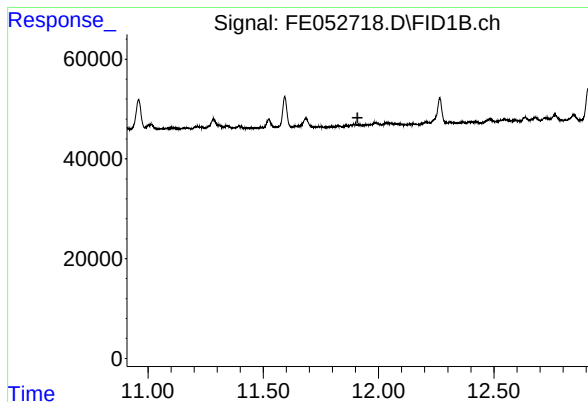
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052718.D
Signal(s) : FID1B.ch
Acq On : 11 Mar 2025 01:03
Operator : YP\AJ
Sample : Q1488-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
ENV-104-SB01

Integration File: autoint1.e
Quant Time: Mar 11 05:26:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

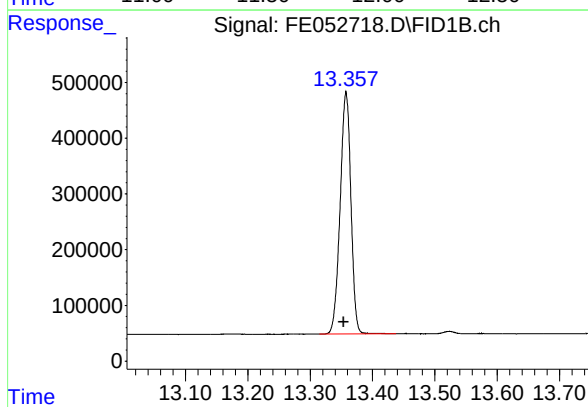




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.909 min
Response: 0
Conc: N.D.

Instrument :
FID_E
ClientSampleId :
ENV-104-SB01



#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: 0.003 min
Response: 5213495
Conc: 42.94 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052718.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2025 01:03
 Sample : Q1488-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	6.692	6.668	6.751	BB	12747	134980	2.59%	2.470%
2	8.529	8.488	8.598	BB	9447	116104	2.23%	2.125%
3	13.358	13.314	13.438	BB	433975	5213495	100.00%	95.405%
Sum of corrected areas:						5464579		

Aliphatic EPH 030325.M Tue Mar 11 06:26:35 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015639.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 21:41
 Operator : YP\AJ
 Sample : Q1488-09
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 ENV-104-SB01

Integration File: autoint1.e
 Quant Time: Mar 11 03:26:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.997	5743878	49.340 ug/ml
Spiked Amount 50.000		Recovery =	98.68%
6) S 2-Fluorobiphenyl (SURR)	8.875	3641411	51.121 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.24%
11) S ortho-Terphenyl (SURR)	11.935	6986134	47.491 ug/ml
Spiked Amount 50.000		Recovery =	94.98%

Target Compounds

(f)=RT Delta > 1/2 Window

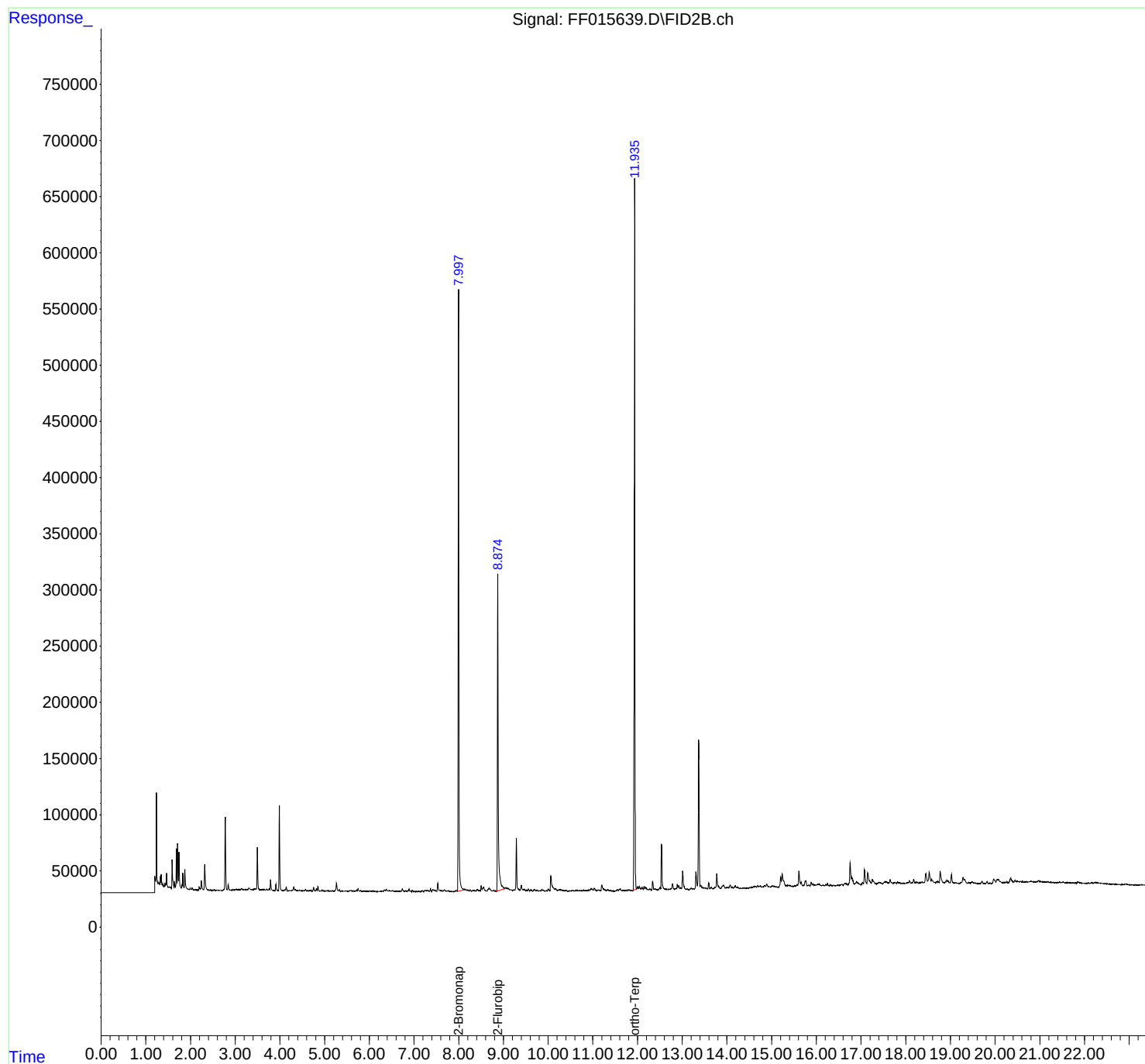
(m)=manual int.

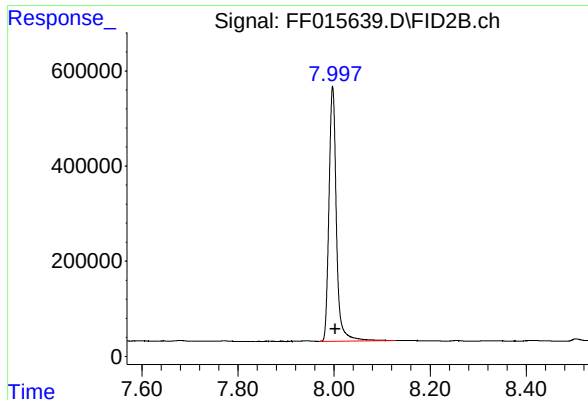
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
Data File : FF015639.D
Signal(s) : FID2B.ch
Acq On : 10 Mar 2025 21:41
Operator : YP\AJ
Sample : Q1488-09
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
ENV-104-SB01

Integration File: autoint1.e
Quant Time: Mar 11 03:26:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Quant Title : GC Extractables
QLast Update : Wed Feb 26 12:36:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

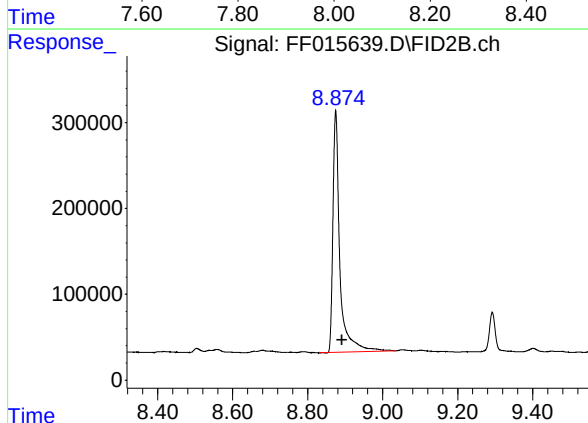




#4 2-Bromonaphthalene (SURR)

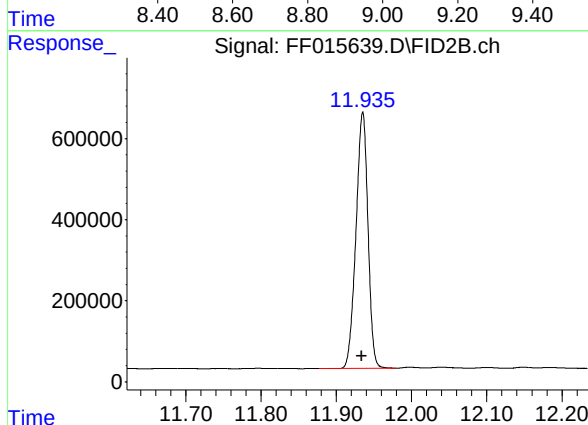
R.T.: 7.997 min
Delta R.T.: -0.006 min
Response: 5743878
Conc: 49.34 ug/ml

Instrument :
FID_F
ClientSampleId :
ENV-104-SB01



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.875 min
Delta R.T.: -0.017 min
Response: 3641411
Conc: 51.12 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: 0.002 min
Response: 6986134
Conc: 47.49 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015639.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 21:41
 Sample : Q1488-09
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.439	4.400	4.480	BV	387	5949	0.08%	0.019%
2	4.489	4.480	4.505	PV	114	1329	0.02%	0.004%
3	4.516	4.505	4.547	VV	232	3317	0.05%	0.011%
4	4.573	4.547	4.607	PV	1575	22604	0.32%	0.073%
5	4.625	4.607	4.674	VV	547	12953	0.18%	0.042%
6	4.693	4.674	4.723	VV	636	8635	0.12%	0.028%
7	4.755	4.723	4.785	PV	3289	44715	0.64%	0.145%
8	4.818	4.785	4.833	VV	2205	28591	0.41%	0.093%
9	4.851	4.833	4.890	VV	4478	55390	0.79%	0.179%
10	4.901	4.890	4.925	VV	239	4397	0.06%	0.014%
11	4.942	4.925	4.969	VV	1298	18549	0.26%	0.060%
12	4.976	4.969	5.005	VV	534	6973	0.10%	0.023%
13	5.010	5.005	5.020	VV	193	1415	0.02%	0.005%
14	5.024	5.020	5.044	VV	219	2494	0.04%	0.008%
15	5.061	5.044	5.074	VV	505	6350	0.09%	0.021%
16	5.081	5.074	5.109	VV	438	6218	0.09%	0.020%
17	5.115	5.109	5.127	VV	188	1439	0.02%	0.005%
18	5.135	5.127	5.149	VV	164	1260	0.02%	0.004%
19	5.180	5.158	5.215	VV	491	8644	0.12%	0.028%
20	5.267	5.215	5.306	VV	7321	117361	1.67%	0.380%
21	5.329	5.306	5.360	VV	1724	24516	0.35%	0.079%
22	5.376	5.360	5.380	VV	214	2086	0.03%	0.007%
23	5.387	5.380	5.420	VV	290	5254	0.07%	0.017%
24	5.433	5.420	5.450	VV	200	2801	0.04%	0.009%
25	5.478	5.450	5.497	VV	435	6793	0.10%	0.022%
26	5.504	5.497	5.517	VV	147	1281	0.02%	0.004%
27	5.576	5.537	5.582	VV	658	12241	0.17%	0.040%
28	5.586	5.582	5.639	VV	635	14710	0.21%	0.048%
29	5.642	5.639	5.654	VV	273	2217	0.03%	0.007%
30	5.665	5.654	5.691	VV	368	5434	0.08%	0.018%
31	5.715	5.691	5.732	VV	1135	17743	0.25%	0.057%
32	5.748	5.732	5.791	VV	2504	36887	0.52%	0.119%
33	5.810	5.791	5.827	VV	688	9680	0.14%	0.031%
34	5.833	5.827	5.857	VV	249	2713	0.04%	0.009%
35	5.878	5.857	5.919	VV	339	9121	0.13%	0.030%
36	5.924	5.919	5.940	VV	224	2012	0.03%	0.007%

					rteres			
37	5.961	5.949	5.990	VV	173	3493	0.05%	0.011%
38	6.018	5.990	6.052	VV	648	11321	0.16%	0.037%
39	6.077	6.052	6.108	VV	448	8559	0.12%	0.028%
40	6.115	6.108	6.131	VV	224	2481	0.04%	0.008%
41	6.135	6.131	6.147	VV	163	1292	0.02%	0.004%
42	6.202	6.194	6.223	VV	150	1647	0.02%	0.005%
43	6.239	6.223	6.248	VV	213	2113	0.03%	0.007%
44	6.285	6.248	6.315	VV	378	9620	0.14%	0.031%
45	6.340	6.315	6.365	VV	1394	28116	0.40%	0.091%
46	6.383	6.365	6.428	VV	2077	41040	0.58%	0.133%
47	6.446	6.428	6.468	VV	1276	19421	0.28%	0.063%
48	6.475	6.468	6.487	VV	410	4343	0.06%	0.014%
49	6.518	6.487	6.563	VV	1020	26132	0.37%	0.085%
50	6.569	6.563	6.594	VV	359	5236	0.07%	0.017%
51	6.597	6.594	6.619	VV	299	3199	0.05%	0.010%
52	6.638	6.619	6.665	VV	397	7870	0.11%	0.025%
53	6.686	6.673	6.709	VV	375	5192	0.07%	0.017%
54	6.739	6.709	6.800	VV	2612	44422	0.63%	0.144%
55	6.819	6.800	6.842	VV	1015	13249	0.19%	0.043%
56	6.858	6.842	6.871	VV	705	8113	0.12%	0.026%
57	6.889	6.871	6.910	VV	2281	27739	0.39%	0.090%
58	6.922	6.910	6.945	VV	648	7844	0.11%	0.025%
59	6.963	6.945	6.997	VV	1154	13998	0.20%	0.045%
60	7.066	7.052	7.097	VV	261	2893	0.04%	0.009%
61	7.113	7.097	7.144	PV	177	2713	0.04%	0.009%
62	7.188	7.164	7.220	VV	1167	13418	0.19%	0.043%
63	7.243	7.220	7.260	VV	1264	18572	0.26%	0.060%
64	7.268	7.260	7.274	VV	853	6760	0.10%	0.022%
65	7.291	7.274	7.303	VV	1278	17780	0.25%	0.058%
66	7.310	7.303	7.339	VV	1098	14402	0.20%	0.047%
67	7.371	7.339	7.394	VV	2047	30968	0.44%	0.100%
68	7.420	7.394	7.439	VV	1708	29783	0.42%	0.096%
69	7.453	7.439	7.510	VV	1526	38455	0.55%	0.125%
70	7.533	7.510	7.577	VV	7545	113965	1.62%	0.369%
71	7.594	7.577	7.626	VV	1003	24429	0.35%	0.079%
72	7.644	7.626	7.656	VV	868	12495	0.18%	0.040%
73	7.680	7.656	7.710	VV	1798	32249	0.46%	0.104%
74	7.714	7.710	7.719	VV	470	2109	0.03%	0.007%
75	7.740	7.719	7.756	VV	690	11794	0.17%	0.038%
76	7.772	7.756	7.810	VV	1145	14560	0.21%	0.047%
77	7.843	7.821	7.852	VV	184	1496	0.02%	0.005%
78	7.866	7.852	7.871	VV	213	1537	0.02%	0.005%
79	7.874	7.871	7.885	VV	201	1029	0.01%	0.003%
80	7.891	7.885	7.907	VV	142	1574	0.02%	0.005%
81	7.942	7.907	7.969	VV	1406	20375	0.29%	0.066%
82	7.997	7.969	8.128	VV	535771	5832631	82.87%	18.889%
83	8.145	8.128	8.197	VV	2046	66825	0.95%	0.216%
84	8.208	8.197	8.229	VV	1172	18373	0.26%	0.060%
85	8.234	8.229	8.238	VV	691	3355	0.05%	0.011%
86	8.254	8.238	8.295	VV	1701	31174	0.44%	0.101%
87	8.315	8.295	8.339	VV	1235	23488	0.33%	0.076%
88	8.342	8.339	8.366	VV	923	12684	0.18%	0.041%
89	8.376	8.366	8.389	VV	784	8770	0.12%	0.028%

					rteres			
90	8.418	8.389	8.484	VV	1647	58314	0.83%	0.189%
91	8.504	8.484	8.525	VV	5314	70967	1.01%	0.230%
92	8.559	8.525	8.634	VV	4118	114616	1.63%	0.371%
93	8.657	8.634	8.665	VV	1955	21353	0.30%	0.069%
94	8.679	8.665	8.741	VV	2980	80674	1.15%	0.261%
95	8.755	8.741	8.770	VV	783	10811	0.15%	0.035%
96	8.789	8.770	8.807	VV	1460	21129	0.30%	0.068%
97	8.814	8.807	8.834	VV	413	4666	0.07%	0.015%
98	8.875	8.852	9.035	PV	282297	3799383	53.98%	12.304%
99	9.052	9.035	9.087	VV	3581	92401	1.31%	0.299%
100	9.102	9.087	9.149	VV	3055	84024	1.19%	0.272%
101	9.162	9.149	9.202	VV	1663	43290	0.62%	0.140%
102	9.243	9.202	9.257	VV	1420	39609	0.56%	0.128%
103	9.292	9.257	9.360	VV	47442	588974	8.37%	1.907%
104	9.401	9.360	9.435	VV	5267	116135	1.65%	0.376%
105	9.450	9.435	9.463	VV	1897	28484	0.40%	0.092%
106	9.471	9.463	9.510	VV	1752	32144	0.46%	0.104%
107	9.525	9.510	9.538	VV	966	12219	0.17%	0.040%
108	9.557	9.538	9.591	VV	2094	39411	0.56%	0.128%
109	9.609	9.591	9.658	VV	1487	36941	0.52%	0.120%
110	9.695	9.658	9.735	VV	1994	49970	0.71%	0.162%
111	9.752	9.735	9.791	VV	1272	24401	0.35%	0.079%
112	9.811	9.791	9.826	VV	624	8840	0.13%	0.029%
113	9.839	9.826	9.843	VV	639	5845	0.08%	0.019%
114	9.863	9.843	9.880	VV	1920	28436	0.40%	0.092%
115	9.894	9.880	9.933	VV	1233	21058	0.30%	0.068%
116	9.953	9.933	9.970	VV	476	8558	0.12%	0.028%
117	9.975	9.970	9.977	VV	521	1911	0.03%	0.006%
118	10.005	9.977	10.042	VV	2135	42123	0.60%	0.136%
119	10.061	10.042	10.152	VV	13751	333226	4.73%	1.079%
120	10.169	10.152	10.227	VV	2568	65854	0.94%	0.213%
121	10.252	10.227	10.270	VV	1402	31032	0.44%	0.100%
122	10.289	10.270	10.335	VV	1343	40013	0.57%	0.130%
123	10.352	10.335	10.366	VV	652	10823	0.15%	0.035%
124	10.397	10.366	10.435	VV	765	20564	0.29%	0.067%
125	10.441	10.435	10.461	VV	332	3080	0.04%	0.010%
126	10.489	10.461	10.508	VV	562	8809	0.13%	0.029%
127	10.534	10.508	10.544	VV	763	11548	0.16%	0.037%
128	10.559	10.544	10.579	VV	709	11107	0.16%	0.036%
129	10.599	10.579	10.614	VV	451	7139	0.10%	0.023%
130	10.632	10.614	10.640	VV	866	10334	0.15%	0.033%
131	10.655	10.640	10.677	VV	891	14720	0.21%	0.048%
132	10.694	10.677	10.713	VV	693	9921	0.14%	0.032%
133	10.731	10.713	10.760	VV	759	15684	0.22%	0.051%
134	10.793	10.760	10.822	VV	904	25566	0.36%	0.083%
135	10.844	10.822	10.870	VV	885	18583	0.26%	0.060%
136	10.911	10.870	10.920	VV	1262	24593	0.35%	0.080%
137	10.927	10.920	10.936	VV	1214	10420	0.15%	0.034%
138	10.960	10.936	11.009	VV	2388	71620	1.02%	0.232%
139	11.033	11.009	11.088	VV	2618	66864	0.95%	0.217%
140	11.121	11.088	11.125	VV	1218	19263	0.27%	0.062%
141	11.129	11.125	11.174	VV	1263	22633	0.32%	0.073%

					rteres			
142	11.200	11.174	11.300	VV	5556	153732	2.18%	0.498%
143	11.328	11.300	11.357	VV	1325	32313	0.46%	0.105%
144	11.362	11.357	11.384	VV	760	9241	0.13%	0.030%
145	11.395	11.384	11.415	VV	586	8690	0.12%	0.028%
146	11.421	11.415	11.479	VV	431	7421	0.11%	0.024%
147	11.493	11.479	11.499	PV	177	1036	0.01%	0.003%
148	11.544	11.499	11.566	VV	1205	25687	0.36%	0.083%
149	11.589	11.566	11.595	VV	1318	18409	0.26%	0.060%
150	11.612	11.595	11.647	VV	2052	34754	0.49%	0.113%
151	11.673	11.647	11.686	VV	720	12106	0.17%	0.039%
152	11.705	11.686	11.726	VV	615	11022	0.16%	0.036%
153	11.743	11.726	11.765	VV	491	9149	0.13%	0.030%
154	11.798	11.765	11.822	VV	1184	24756	0.35%	0.080%
155	11.834	11.822	11.855	VV	727	10402	0.15%	0.034%
156	11.882	11.855	11.888	VV	521	8033	0.11%	0.026%
157	11.891	11.888	11.900	VV	423	2699	0.04%	0.009%
158	11.935	11.900	11.979	VV	634068	7038610	100.00%	22.795%
159	11.998	11.979	12.020	VV	3829	65691	0.93%	0.213%
160	12.038	12.020	12.079	VV	3864	89214	1.27%	0.289%
161	12.102	12.079	12.128	VV	3182	60779	0.86%	0.197%
162	12.148	12.128	12.167	VV	3644	58449	0.83%	0.189%
163	12.184	12.167	12.234	VV	3016	71948	1.02%	0.233%
164	12.279	12.234	12.312	VV	1546	44595	0.63%	0.144%
165	12.338	12.312	12.370	VV	8230	114535	1.63%	0.371%
166	12.384	12.370	12.399	VV	1266	20191	0.29%	0.065%
167	12.408	12.399	12.462	VV	1083	31061	0.44%	0.101%
168	12.497	12.462	12.518	VV	2606	55908	0.79%	0.181%
169	12.537	12.518	12.634	VV	40827	531869	7.56%	1.722%
170	12.647	12.634	12.660	VV	930	13890	0.20%	0.045%
171	12.664	12.660	12.667	VV	1011	4335	0.06%	0.014%
172	12.670	12.667	12.695	VV	1001	15325	0.22%	0.050%
173	12.704	12.695	12.716	VV	815	9267	0.13%	0.030%
174	12.742	12.716	12.756	VV	1466	28560	0.41%	0.092%
175	12.783	12.756	12.810	VV	5711	100827	1.43%	0.327%
176	12.818	12.810	12.837	VV	1408	16972	0.24%	0.055%
177	12.858	12.837	12.872	VV	1809	27072	0.38%	0.088%
178	12.890	12.872	12.908	VV	5202	72160	1.03%	0.234%
179	12.924	12.908	12.946	VV	3951	64371	0.91%	0.208%
180	12.959	12.946	12.977	VV	2411	34688	0.49%	0.112%
181	13.008	12.977	13.092	VV	16769	315256	4.48%	1.021%
182	13.119	13.092	13.151	VV	867	20419	0.29%	0.066%
183	13.183	13.151	13.196	PV	1325	19822	0.28%	0.064%
184	13.210	13.196	13.230	VV	1444	22884	0.33%	0.074%
185	13.248	13.230	13.265	VV	1043	18080	0.26%	0.059%
186	13.305	13.265	13.339	VV	15967	267812	3.80%	0.867%
187	13.368	13.339	13.401	VV	132603	1709541	24.29%	5.536%
188	13.413	13.401	13.503	VV	3983	134394	1.91%	0.435%
189	13.515	13.503	13.520	VV	1369	12783	0.18%	0.041%
190	13.531	13.520	13.559	VV	1459	24621	0.35%	0.080%
191	13.592	13.559	13.625	VV	5964	92280	1.31%	0.299%
192	13.647	13.625	13.680	VV	1792	36529	0.52%	0.118%
193	13.707	13.680	13.712	VV	964	13341	0.19%	0.043%
194	13.770	13.712	13.849	VV	13985	278539	3.96%	0.902%

					rteres			
195	13.921	13.849	13.963	VV	3601	133959	1.90%	0.434%
196	13.999	13.963	14.015	VV	1643	35951	0.51%	0.116%
197	14.028	14.015	14.044	VV	1477	21446	0.30%	0.069%
198	14.074	14.044	14.103	VV	3456	76258	1.08%	0.247%
199	14.119	14.103	14.138	VV	1865	26420	0.38%	0.086%
200	14.183	14.138	14.215	VV	2943	69025	0.98%	0.224%
201	14.230	14.215	14.280	VV	1520	36722	0.52%	0.119%
202	14.290	14.280	14.322	VV	479	8294	0.12%	0.027%
203	14.357	14.322	14.366	VV	448	7707	0.11%	0.025%
204	14.370	14.366	14.374	VV	367	1692	0.02%	0.005%
205	14.392	14.374	14.428	VV	494	8701	0.12%	0.028%
206	14.452	14.428	14.479	PV	437	6941	0.10%	0.022%
207	14.515	14.479	14.537	VV	859	18611	0.26%	0.060%
208	14.559	14.537	14.576	VV	1138	19794	0.28%	0.064%
209	14.609	14.576	14.627	VV	1680	39296	0.56%	0.127%
210	14.644	14.627	14.665	VV	1765	31170	0.44%	0.101%
211	14.686	14.665	14.725	VV	2394	60037	0.85%	0.194%
212	14.747	14.725	14.774	VV	2023	43419	0.62%	0.141%
213	14.786	14.774	14.796	VV	1016	12303	0.17%	0.040%
214	14.841	14.796	14.866	VV	2410	62044	0.88%	0.201%
215	14.890	14.866	14.959	VV	3555	97959	1.39%	0.317%
216	14.963	14.959	14.980	VV	962	10531	0.15%	0.034%
217	15.002	14.980	15.007	VV	1314	16038	0.23%	0.052%
218	15.030	15.007	15.047	VV	1438	31972	0.45%	0.104%
219	15.054	15.047	15.062	VV	1298	11220	0.16%	0.036%
220	15.066	15.062	15.087	VV	1297	15538	0.22%	0.050%
221	15.097	15.087	15.156	VV	853	20227	0.29%	0.066%
222	15.200	15.156	15.215	VV	9348	143241	2.04%	0.464%
223	15.235	15.215	15.265	VV	12073	250216	3.55%	0.810%
224	15.270	15.265	15.314	VV	5885	97957	1.39%	0.317%
225	15.330	15.314	15.344	VV	1573	25875	0.37%	0.084%
226	15.363	15.344	15.379	VV	1866	34122	0.48%	0.111%
227	15.394	15.379	15.487	VV	1658	67711	0.96%	0.219%
228	15.505	15.487	15.523	VV	1074	17296	0.25%	0.056%
229	15.526	15.523	15.528	VV	869	2770	0.04%	0.009%
230	15.533	15.528	15.539	VV	953	5670	0.08%	0.018%
231	15.566	15.539	15.584	VV	1847	39461	0.56%	0.128%
232	15.609	15.584	15.645	VV	14108	250982	3.57%	0.813%
233	15.659	15.645	15.701	VV	4215	80776	1.15%	0.262%
234	15.711	15.701	15.722	VV	1319	15812	0.22%	0.051%
235	15.748	15.722	15.755	VV	4933	64647	0.92%	0.209%
236	15.765	15.755	15.790	VV	5270	75668	1.08%	0.245%
237	15.797	15.790	15.812	VV	1068	12818	0.18%	0.042%
238	15.831	15.812	15.857	VV	1701	29696	0.42%	0.096%
239	15.883	15.857	15.907	VV	3872	68526	0.97%	0.222%
240	15.923	15.907	15.963	VV	2209	55305	0.79%	0.179%
241	15.982	15.963	16.000	VV	1354	26759	0.38%	0.087%
242	16.041	16.000	16.119	VV	2073	100359	1.43%	0.325%
243	16.146	16.119	16.174	VV	1062	25585	0.36%	0.083%
244	16.179	16.174	16.190	VV	630	5003	0.07%	0.016%
245	16.213	16.190	16.219	VV	1240	16475	0.23%	0.053%
246	16.225	16.219	16.234	VV	1251	10419	0.15%	0.034%

					rteres			
247	16.249	16.234	16.281	VV	1730	30270	0.43%	0.098%
248	16.313	16.281	16.342	VV	1241	22264	0.32%	0.072%
249	16.346	16.342	16.360	VV	422	3696	0.05%	0.012%
250	16.381	16.360	16.403	VV	556	8744	0.12%	0.028%
251	16.416	16.403	16.424	VV	176	1353	0.02%	0.004%
252	16.438	16.424	16.441	PV	242	1268	0.02%	0.004%
253	16.449	16.441	16.453	VV	322	1952	0.03%	0.006%
254	16.460	16.453	16.465	VV	391	2597	0.04%	0.008%
255	16.483	16.465	16.508	VV	809	12110	0.17%	0.039%
256	16.531	16.508	16.542	VV	668	8824	0.13%	0.029%
257	16.571	16.542	16.604	VV	1321	31550	0.45%	0.102%
258	16.643	16.604	16.703	VV	2093	81358	1.16%	0.263%
259	16.754	16.703	16.782	VV	19990	349155	4.96%	1.131%
260	16.793	16.782	16.857	VV	7104	177208	2.52%	0.574%
261	16.899	16.857	17.001	VV	3263	138140	1.96%	0.447%
262	17.032	17.001	17.054	VV	2508	44074	0.63%	0.143%
263	17.077	17.054	17.128	VV	13663	242869	3.45%	0.787%
264	17.149	17.128	17.227	VV	10755	288960	4.11%	0.936%
265	17.251	17.227	17.320	VV	4848	149483	2.12%	0.484%
266	17.326	17.320	17.352	VV	1221	19083	0.27%	0.062%
267	17.415	17.352	17.490	VV	1828	108874	1.55%	0.353%
268	17.521	17.490	17.532	VV	2024	38963	0.55%	0.126%
269	17.546	17.532	17.570	VV	2286	47617	0.68%	0.154%
270	17.575	17.570	17.600	VV	1828	26274	0.37%	0.085%
271	17.617	17.600	17.627	VV	1325	19503	0.28%	0.063%
272	17.650	17.627	17.677	VV	4093	74531	1.06%	0.241%
273	17.687	17.677	17.717	VV	1551	29147	0.41%	0.094%
274	17.765	17.717	17.795	VV	1548	51084	0.73%	0.165%
275	17.818	17.795	17.855	VV	1862	43179	0.61%	0.140%
276	17.865	17.855	17.887	VV	1017	16256	0.23%	0.053%
277	17.892	17.887	17.897	VV	549	2946	0.04%	0.010%
278	17.904	17.897	17.914	VV	552	4790	0.07%	0.016%
279	17.941	17.914	17.963	VV	581	14168	0.20%	0.046%
280	17.981	17.963	18.002	VV	504	8330	0.12%	0.027%
281	18.026	18.002	18.037	VV	788	12237	0.17%	0.040%
282	18.054	18.037	18.067	VV	1022	16214	0.23%	0.053%
283	18.084	18.067	18.117	VV	2389	39050	0.55%	0.126%
284	18.137	18.117	18.147	VV	714	9725	0.14%	0.031%
285	18.177	18.147	18.204	VV	3780	63240	0.90%	0.205%
286	18.222	18.204	18.228	VV	887	11340	0.16%	0.037%
287	18.251	18.228	18.285	VV	1052	26397	0.38%	0.085%
288	18.318	18.285	18.337	VV	548	12740	0.18%	0.041%
289	18.358	18.337	18.395	VV	1119	23684	0.34%	0.077%
290	18.414	18.395	18.418	VV	750	7162	0.10%	0.023%
291	18.449	18.418	18.488	VV	8295	184050	2.61%	0.596%
292	18.524	18.488	18.565	VV	9608	214119	3.04%	0.693%
293	18.579	18.565	18.625	VV	2979	71825	1.02%	0.233%
294	18.637	18.625	18.652	VV	585	7623	0.11%	0.025%
295	18.655	18.652	18.671	VV	427	2606	0.04%	0.008%
296	18.692	18.671	18.700	PV	965	10774	0.15%	0.035%
297	18.705	18.700	18.711	VV	925	5478	0.08%	0.018%
298	18.722	18.711	18.748	VV	998	14444	0.21%	0.047%
299	18.770	18.748	18.800	PBA	8871	130960	1.86%	0.424%

rters
Sum of corrected areas: 30878033

Aromatic EPH 022625.M Tue Mar 11 04:35:44 2025

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052719.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2025 01:34
 Operator : YP\AJ
 Sample : Q1488-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ENV-104-SB02

Integration File: autoint1.e
 Quant Time: Mar 11 05:26:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.357	4009135	33.017 ug/ml
Spiked Amount	50.000	Recovery	= 66.03%

Target Compounds

(f)=RT Delta > 1/2 Window

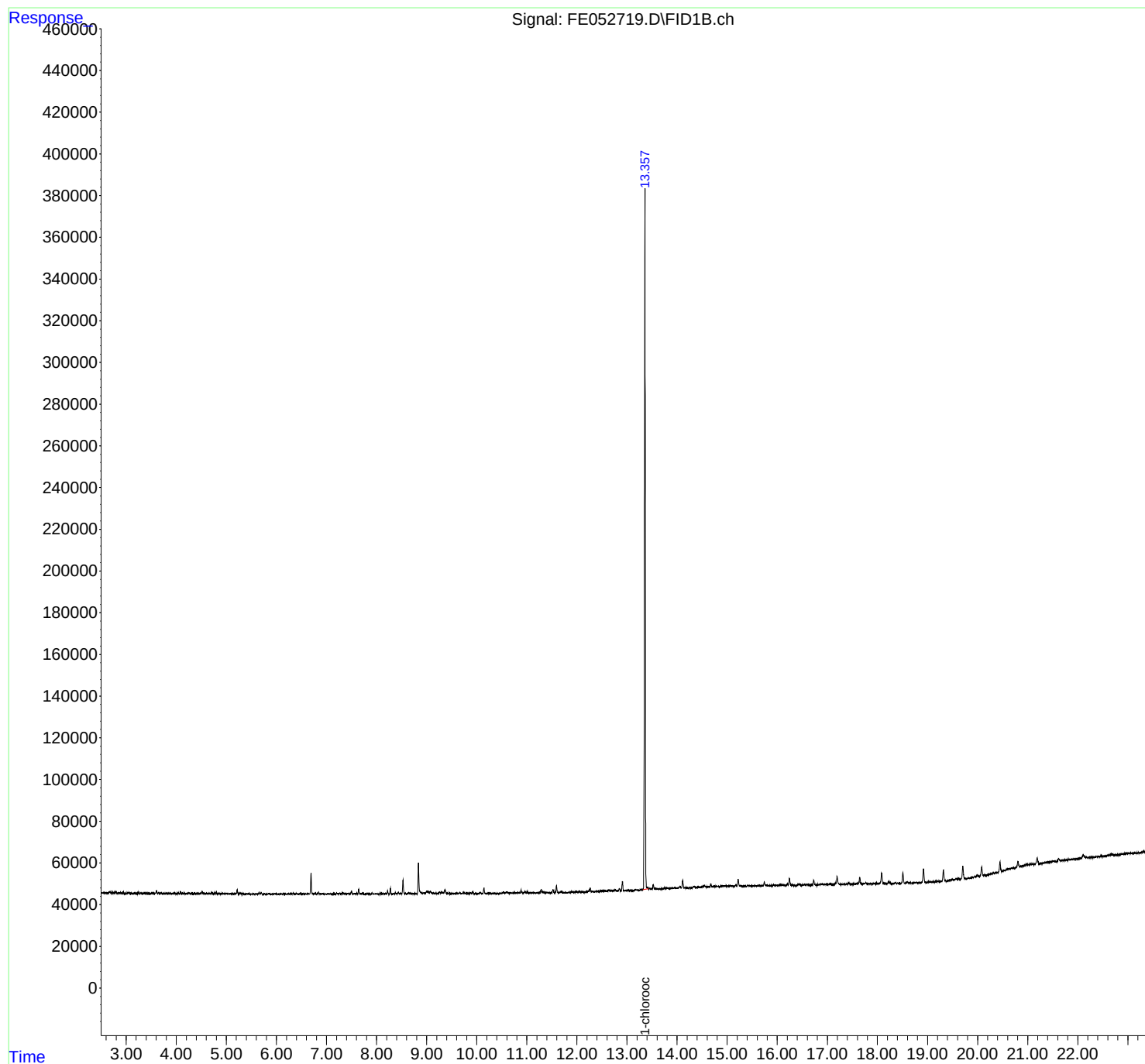
(m)=manual int.

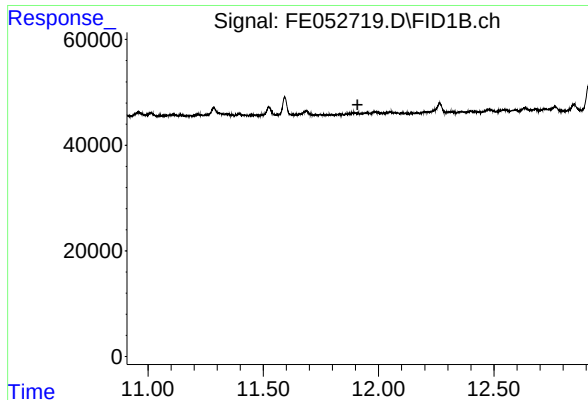
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052719.D
Signal(s) : FID1B.ch
Acq On : 11 Mar 2025 01:34
Operator : YP\AJ
Sample : Q1488-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
ENV-104-SB02

Integration File: autoint1.e
Quant Time: Mar 11 05:26:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

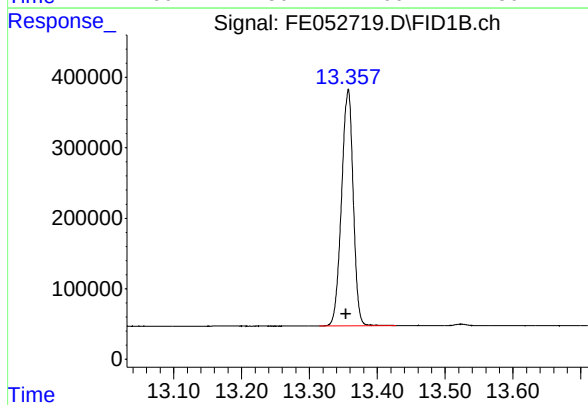




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.909 min
Response: 0
Conc: N.D.

Instrument :
FID_E
ClientSampleId :
ENV-104-SB02



#12 1-chlorooctadecane (SURR)

R.T.: 13.357 min
Delta R.T.: 0.003 min
Response: 4009135
Conc: 33.02 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052719.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2025 01:34
 Sample : Q1488-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	6.692	6.661	6.748	BB	10107	110142	2.75%	2.457%
2	8.528	8.494	8.591	BB	6735	78988	1.97%	1.762%
3	8.837	8.808	8.901	BB	14843	178622	4.46%	3.984%
4	13.357	13.314	13.428	BB	336818	4009135	100.00%	89.429%
5	18.919	18.871	18.978	BB	6633	106151	2.65%	2.368%

Sum of corrected areas: 4483037

Aliphatic EPH 030325.M Tue Mar 11 06:26:56 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015640.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 22:10
 Operator : YP\AJ
 Sample : Q1488-11
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 ENV-104-SB02

Integration File: autoint1.e
 Quant Time: Mar 11 03:26:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.997	6223400	53.459 ug/ml
Spiked Amount 50.000		Recovery =	106.92%
6) S 2-Fluorobiphenyl (SURR)	8.875	3813525	53.537 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.07%
11) S ortho-Terphenyl (SURR)	11.934	4906237	33.352 ug/ml
Spiked Amount 50.000		Recovery =	66.70%

Target Compounds

(f)=RT Delta > 1/2 Window

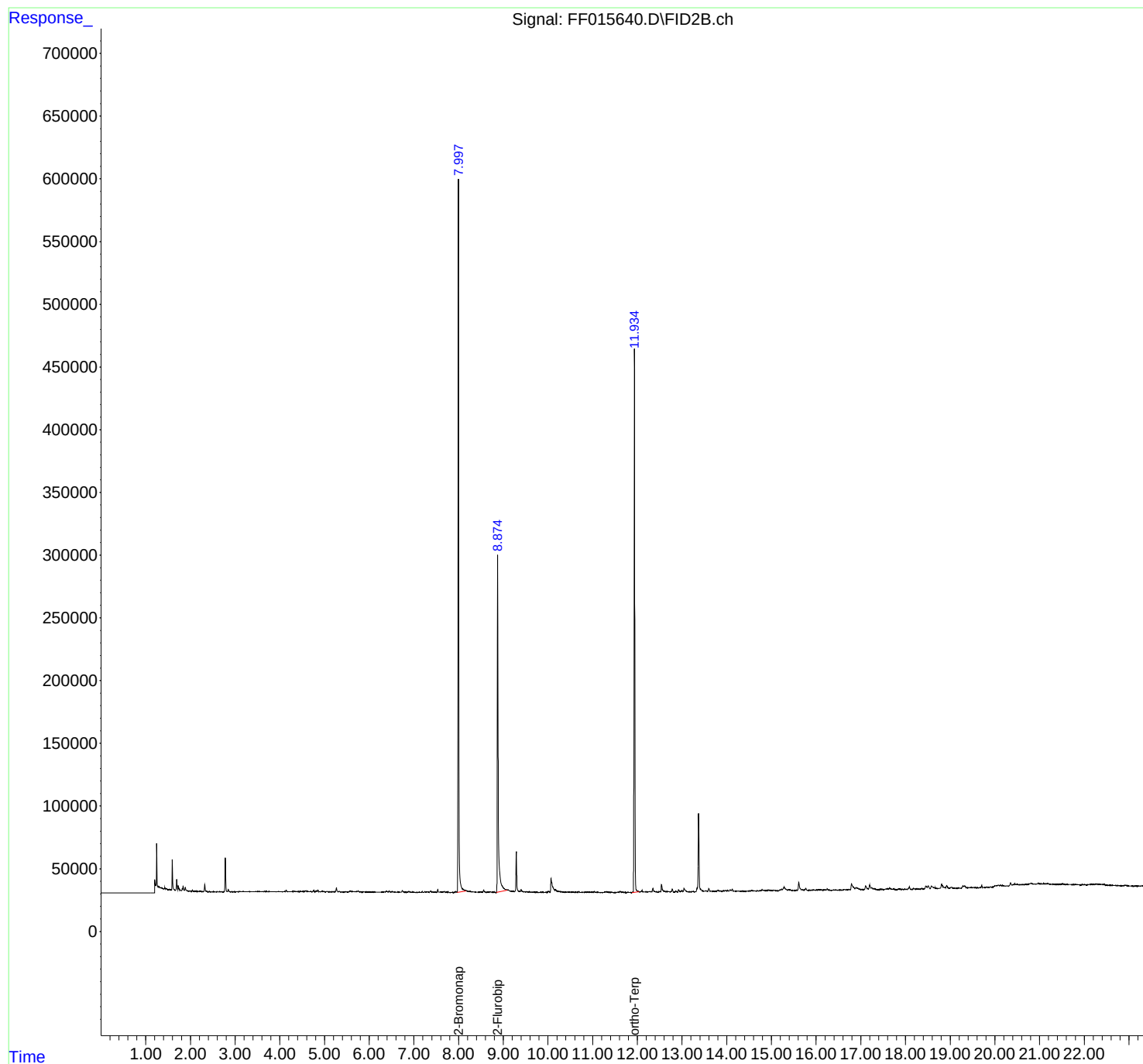
(m)=manual int.

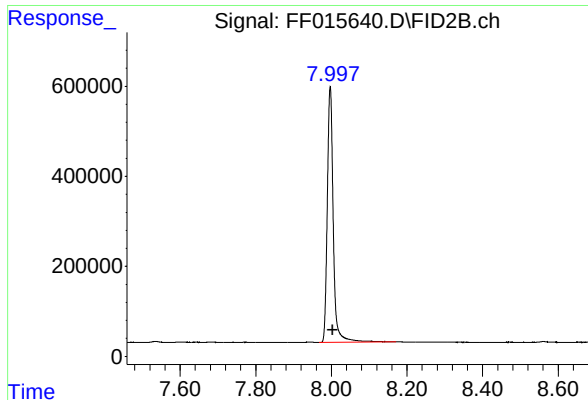
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
Data File : FF015640.D
Signal(s) : FID2B.ch
Acq On : 10 Mar 2025 22:10
Operator : YP\AJ
Sample : Q1488-11
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
ENV-104-SB02

Integration File: autoint1.e
Quant Time: Mar 11 03:26:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Quant Title : GC Extractables
QLast Update : Wed Feb 26 12:36:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

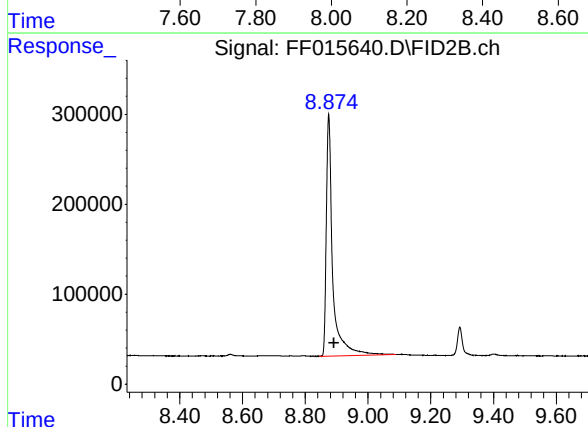




#4 2-Bromonaphthalene (SURRE)

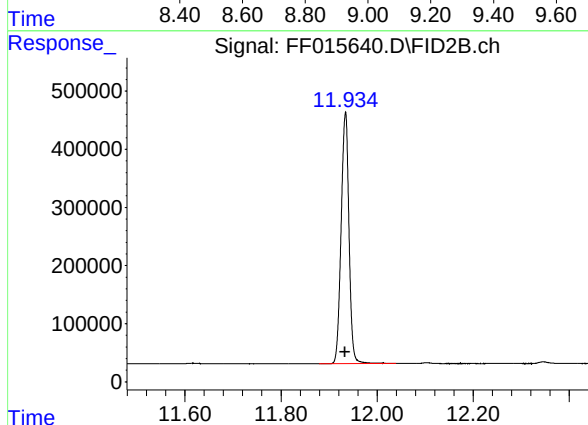
R.T.: 7.997 min
Delta R.T.: -0.006 min
Response: 6223400
Conc: 53.46 ug/ml

Instrument :
FID_F
ClientSampleId :
ENV-104-SB02



#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.875 min
Delta R.T.: -0.017 min
Response: 3813525
Conc: 53.54 ug/ml



#11 ortho-Terphenyl (SURRE)

R.T.: 11.934 min
Delta R.T.: 0.000 min
Response: 4906237
Conc: 33.35 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015640.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 22:10
 Sample : Q1488-11
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	7.997	7.967	8.171	BB	568857	6223400	100.00%	36.898%
2	8.875	8.844	9.089	BB	267487	3813525	61.28%	22.610%
3	9.293	9.237	9.371	BB	31837	356391	5.73%	2.113%
4	10.070	10.049	10.216	PB	10945	319976	5.14%	1.897%
5	11.934	11.879	12.039	BB	432706	4906237	78.84%	29.089%
6	12.540	12.524	12.602	PB	5826	86393	1.39%	0.512%
7	13.369	13.279	13.477	BB	62231	895332	14.39%	5.308%
8	15.611	15.501	15.694	BB	6261	118318	1.90%	0.701%
9	16.792	16.694	16.867	BV	4099	94911	1.53%	0.563%
10	18.806	18.749	18.850	BBA	2951	51967	0.84%	0.308%

Sum of corrected areas: 16866449

Aromatic EPH 022625.M Tue Mar 11 04:36:13 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030525AL\
 Data File : FC068373.D
 Signal(s) : FID1A.ch
 Acq On : 05 Mar 2025 18:27
 Operator : YP/AJ
 Sample : Q1488-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 ENV-102-GW01

A

B

C

D

E

F

G

H

I

J

Integration File: autoint1.e
 Quant Time: Mar 05 22:33:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.834	3961758	35.224 ug/ml
Spiked Amount	50.000	Recovery	= 70.45%

Target Compounds

(f)=RT Delta > 1/2 Window

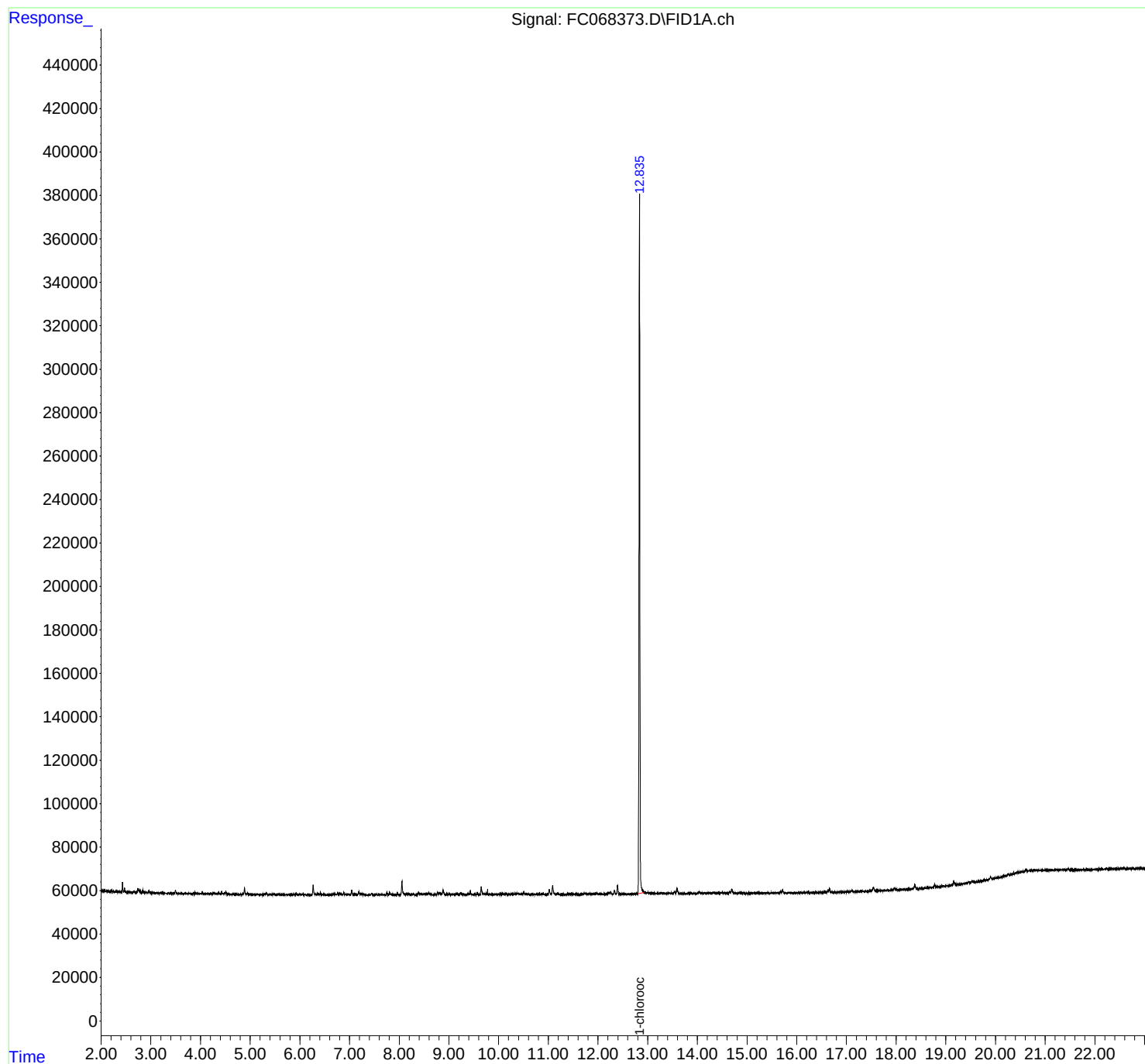
(m)=manual int.

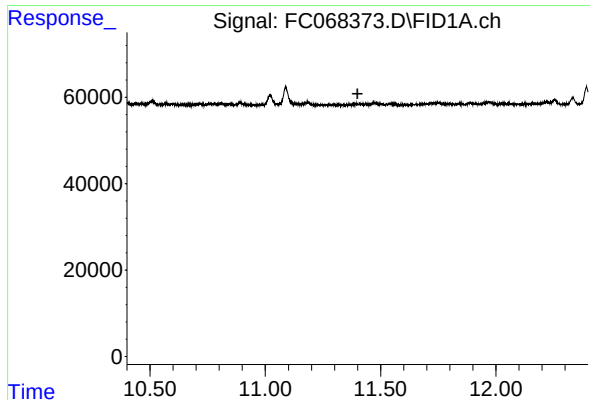
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030525AL\
Data File : FC068373.D
Signal(s) : FID1A.ch
Acq On : 05 Mar 2025 18:27
Operator : YP/AJ
Sample : Q1488-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
ENV-102-GW01

Integration File: autoint1.e
Quant Time: Mar 05 22:33:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

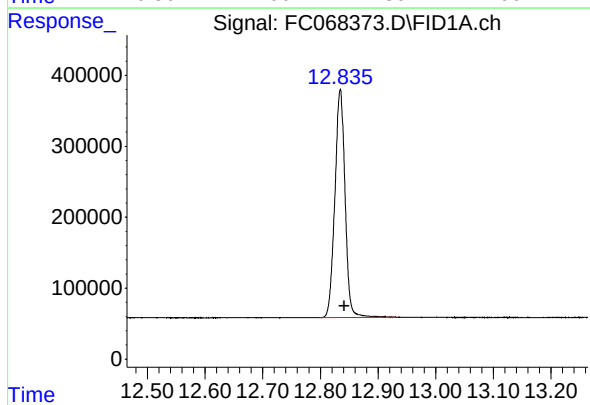




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.400 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
ENV-102-GW01



#12 1-chlorooctadecane (SURR)

R.T.: 12.834 min
Delta R.T.: -0.007 min
Response: 3961758
Conc: 35.22 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030525AL\
 Data File : FC068373.D
 Signal(s) : FID1A.ch
 Acq On : 05 Mar 2025 18:27
 Sample : Q1488-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.358	2.344	2.407	VV	321	4211	0.10%	0.045%
2	2.430	2.407	2.453	PV	4394	34350	0.85%	0.366%
3	2.471	2.453	2.489	VV	2068	17353	0.43%	0.185%
4	2.497	2.489	2.551	VV	254	4354	0.11%	0.046%
5	2.557	2.551	2.570	VV	128	1198	0.03%	0.013%
6	2.590	2.570	2.628	VV	221	3861	0.10%	0.041%
7	2.654	2.628	2.718	VV	544	10618	0.26%	0.113%
8	2.742	2.718	2.772	VV	1729	26874	0.67%	0.286%
9	2.787	2.772	2.821	VV	1091	14509	0.36%	0.155%
10	2.837	2.821	2.904	VV	1277	19078	0.47%	0.203%
11	2.918	2.904	2.934	VV	217	3019	0.08%	0.032%
12	2.960	2.934	3.018	VV	1181	16235	0.40%	0.173%
13	3.045	3.018	3.079	VV	168	3437	0.09%	0.037%
14	3.085	3.079	3.114	PV	112	1432	0.04%	0.015%
15	3.150	3.114	3.188	VV	122	2728	0.07%	0.029%
16	3.206	3.188	3.249	VV	255	4504	0.11%	0.048%
17	3.260	3.249	3.338	VV	144	4261	0.11%	0.045%
18	3.351	3.338	3.422	VV	77	3630	0.09%	0.039%
19	3.432	3.422	3.451	PV	60	644	0.02%	0.007%
20	3.497	3.451	3.516	PV	1556	17025	0.42%	0.181%
21	3.525	3.516	3.560	VV	288	2896	0.07%	0.031%
22	3.572	3.560	3.598	VV	167	2371	0.06%	0.025%
23	3.621	3.598	3.642	VV	179	2617	0.07%	0.028%
24	3.657	3.642	3.671	VV	102	1311	0.03%	0.014%
25	3.693	3.671	3.748	VV	259	6693	0.17%	0.071%
26	3.773	3.748	3.831	VV	319	6815	0.17%	0.073%
27	3.865	3.831	3.878	PV	407	5136	0.13%	0.055%
28	3.893	3.878	3.932	VV	720	12372	0.31%	0.132%
29	3.958	3.932	3.993	VV	245	4517	0.11%	0.048%
30	4.036	3.993	4.067	VV	793	14945	0.37%	0.159%
31	4.083	4.067	4.093	VV	186	2608	0.06%	0.028%
32	4.103	4.093	4.140	VV	188	4255	0.11%	0.045%
33	4.156	4.140	4.165	VV	185	2355	0.06%	0.025%
34	4.180	4.165	4.209	VV	269	4559	0.11%	0.049%
35	4.265	4.209	4.340	VV	673	26108	0.65%	0.278%
36	4.362	4.340	4.388	VV	597	10867	0.27%	0.116%

					rterres			
37	4.426	4.388	4.466	VV	1053	20827	0.52%	0.222%
38	4.481	4.466	4.495	VV	725	8919	0.22%	0.095%
39	4.511	4.495	4.609	VV	1273	20246	0.50%	0.216%
40	4.622	4.609	4.774	VV	207	9980	0.25%	0.106%
41	4.785	4.774	4.794	PV	99	827	0.02%	0.009%
42	4.808	4.794	4.844	VV	185	3148	0.08%	0.034%
43	4.887	4.844	4.921	VV	3113	41181	1.02%	0.439%
44	4.945	4.921	4.991	VV	746	12796	0.32%	0.136%
45	4.996	4.991	5.064	VV	157	4198	0.10%	0.045%
46	5.080	5.064	5.094	VV	192	2326	0.06%	0.025%
47	5.107	5.094	5.144	VV	118	3114	0.08%	0.033%
48	5.161	5.144	5.186	VV	250	3795	0.09%	0.040%
49	5.194	5.186	5.208	VV	109	861	0.02%	0.009%
50	5.253	5.208	5.269	PV	145	3620	0.09%	0.039%
51	5.292	5.269	5.311	VV	429	7578	0.19%	0.081%
52	5.329	5.311	5.364	VV	1051	14393	0.36%	0.153%
53	5.384	5.364	5.398	VV	239	3055	0.08%	0.033%
54	5.407	5.398	5.438	VV	181	2358	0.06%	0.025%
55	5.468	5.438	5.498	VV	301	7148	0.18%	0.076%
56	5.502	5.498	5.546	VV	223	4003	0.10%	0.043%
57	5.575	5.546	5.605	VV	235	5216	0.13%	0.056%
58	5.622	5.605	5.644	VV	182	2646	0.07%	0.028%
59	5.656	5.644	5.681	VV	227	3051	0.08%	0.033%
60	5.689	5.681	5.718	VV	98	2261	0.06%	0.024%
61	5.743	5.718	5.764	VV	168	2966	0.07%	0.032%
62	5.793	5.764	5.808	PV	178	3562	0.09%	0.038%
63	5.846	5.808	5.874	VV	357	8955	0.22%	0.095%
64	5.886	5.874	5.899	VV	348	4270	0.11%	0.046%
65	5.928	5.899	5.971	VV	598	12160	0.30%	0.130%
66	5.990	5.971	6.031	VV	461	9461	0.24%	0.101%
67	6.060	6.031	6.082	VV	320	6446	0.16%	0.069%
68	6.103	6.082	6.125	VV	157	2779	0.07%	0.030%
69	6.154	6.125	6.188	PV	131	3524	0.09%	0.038%
70	6.194	6.188	6.223	VV	90	1600	0.04%	0.017%
71	6.268	6.223	6.331	VV	4629	64181	1.59%	0.684%
72	6.348	6.331	6.371	VV	660	8587	0.21%	0.092%
73	6.384	6.371	6.396	VV	362	4374	0.11%	0.047%
74	6.415	6.396	6.434	VV	816	10753	0.27%	0.115%
75	6.447	6.434	6.466	VV	438	5101	0.13%	0.054%
76	6.487	6.466	6.534	VV	521	7126	0.18%	0.076%
77	6.541	6.534	6.564	VV	156	1431	0.04%	0.015%
78	6.578	6.564	6.624	VV	124	3550	0.09%	0.038%
79	6.628	6.624	6.665	VV	173	2879	0.07%	0.031%
80	6.705	6.665	6.733	VV	610	10367	0.26%	0.110%
81	6.759	6.733	6.778	VV	621	10491	0.26%	0.112%
82	6.808	6.778	6.852	VV	710	19225	0.48%	0.205%
83	6.885	6.852	6.912	VV	916	16003	0.40%	0.171%
84	6.922	6.912	6.944	VV	279	3808	0.09%	0.041%
85	6.968	6.944	7.012	VV	330	6547	0.16%	0.070%
86	7.045	7.012	7.077	VV	2263	26648	0.66%	0.284%
87	7.104	7.077	7.141	VV	355	8856	0.22%	0.094%
88	7.154	7.141	7.165	VV	367	4261	0.11%	0.045%
89	7.189	7.165	7.231	VV	1436	24612	0.61%	0.262%

					rteres			
90	7.247	7.231	7.262	VV	409	5543	0.14%	0.059%
91	7.279	7.262	7.334	VV	418	8498	0.21%	0.091%
92	7.355	7.334	7.381	VV	172	1812	0.05%	0.019%
93	7.397	7.381	7.424	VV	114	1782	0.04%	0.019%
94	7.445	7.424	7.498	VV	808	9790	0.24%	0.104%
95	7.540	7.498	7.578	VV	241	6944	0.17%	0.074%
96	7.610	7.578	7.630	VV	324	6466	0.16%	0.069%
97	7.642	7.630	7.650	VV	179	1830	0.05%	0.020%
98	7.660	7.650	7.693	VV	200	3248	0.08%	0.035%
99	7.707	7.693	7.730	VV	269	2866	0.07%	0.031%
100	7.752	7.730	7.787	PV	939	12781	0.32%	0.136%
101	7.807	7.787	7.861	VV	1326	18598	0.46%	0.198%
102	7.873	7.861	7.894	VV	219	1821	0.05%	0.019%
103	7.909	7.894	7.941	VV	191	3137	0.08%	0.033%
104	7.964	7.941	7.983	VV	837	9966	0.25%	0.106%
105	7.994	7.983	8.027	VV	275	5009	0.12%	0.053%
106	8.055	8.027	8.126	VV	6284	90373	2.25%	0.963%
107	8.155	8.126	8.179	VV	564	12384	0.31%	0.132%
108	8.200	8.179	8.222	VV	537	9356	0.23%	0.100%
109	8.245	8.222	8.268	VV	414	7119	0.18%	0.076%
110	8.285	8.268	8.334	VV	466	6459	0.16%	0.069%
111	8.398	8.334	8.457	PV	734	29421	0.73%	0.314%
112	8.466	8.457	8.491	VV	440	7406	0.18%	0.079%
113	8.510	8.491	8.528	VV	494	9655	0.24%	0.103%
114	8.541	8.528	8.573	VV	482	12150	0.30%	0.129%
115	8.593	8.573	8.629	VV	843	18648	0.46%	0.199%
116	8.654	8.629	8.684	VV	408	6540	0.16%	0.070%
117	8.704	8.684	8.728	VV	400	5180	0.13%	0.055%
118	8.773	8.728	8.792	VV	1341	20108	0.50%	0.214%
119	8.810	8.792	8.822	VV	849	11608	0.29%	0.124%
120	8.829	8.822	8.857	VV	612	11176	0.28%	0.119%
121	8.886	8.857	8.940	VV	2124	40644	1.01%	0.433%
122	8.960	8.940	8.983	VV	569	8411	0.21%	0.090%
123	9.009	8.983	9.038	VV	448	7127	0.18%	0.076%
124	9.064	9.038	9.098	VV	297	7539	0.19%	0.080%
125	9.172	9.098	9.210	VV	626	20785	0.52%	0.222%
126	9.238	9.210	9.275	VV	936	17375	0.43%	0.185%
127	9.292	9.275	9.320	VV	440	7381	0.18%	0.079%
128	9.341	9.320	9.351	VV	240	3416	0.08%	0.036%
129	9.380	9.351	9.407	VV	687	11428	0.28%	0.122%
130	9.431	9.407	9.481	VV	1489	23450	0.58%	0.250%
131	9.486	9.481	9.504	VV	278	2961	0.07%	0.032%
132	9.521	9.504	9.547	VV	263	5124	0.13%	0.055%
133	9.573	9.547	9.624	VV	692	15012	0.37%	0.160%
134	9.651	9.624	9.704	VV	3679	59765	1.48%	0.637%
135	9.720	9.704	9.786	VV	533	19219	0.48%	0.205%
136	9.797	9.786	9.807	VV	342	3361	0.08%	0.036%
137	9.820	9.807	9.881	VV	318	6854	0.17%	0.073%
138	9.927	9.881	9.948	VV	287	6569	0.16%	0.070%
139	9.964	9.948	9.991	VV	408	7393	0.18%	0.079%
140	10.036	9.991	10.058	VV	626	15564	0.39%	0.166%
141	10.084	10.058	10.101	VV	439	8859	0.22%	0.094%

					rteres			
142	10.127	10.101	10.144	VV	454	8531	0.21%	0.091%
143	10.155	10.144	10.194	VV	369	7105	0.18%	0.076%
144	10.249	10.194	10.264	VV	458	11312	0.28%	0.121%
145	10.272	10.264	10.298	VV	382	6289	0.16%	0.067%
146	10.330	10.298	10.351	VV	551	13005	0.32%	0.139%
147	10.391	10.351	10.422	VV	739	20867	0.52%	0.222%
148	10.442	10.422	10.455	VV	450	7428	0.18%	0.079%
149	10.467	10.455	10.482	VV	425	5966	0.15%	0.064%
150	10.510	10.482	10.551	VV	1078	23250	0.58%	0.248%
151	10.570	10.551	10.585	VV	367	6401	0.16%	0.068%
152	10.602	10.585	10.661	VV	384	11005	0.27%	0.117%
153	10.672	10.661	10.690	VV	278	3857	0.10%	0.041%
154	10.718	10.690	10.729	VV	313	6213	0.15%	0.066%
155	10.779	10.729	10.791	VV	397	11456	0.28%	0.122%
156	10.808	10.791	10.828	VV	535	9009	0.22%	0.096%
157	10.843	10.828	10.869	VV	328	6011	0.15%	0.064%
158	10.891	10.869	10.954	VV	717	14107	0.35%	0.150%
159	10.963	10.954	10.969	VV	147	1131	0.03%	0.012%
160	11.020	10.969	11.055	VV	2368	40870	1.02%	0.436%
161	11.088	11.055	11.161	VV	4265	75130	1.87%	0.801%
162	11.184	11.161	11.223	VV	715	13392	0.33%	0.143%
163	11.237	11.223	11.281	VV	183	4079	0.10%	0.043%
164	11.289	11.281	11.347	VV	178	4359	0.11%	0.046%
165	11.409	11.347	11.424	PV	318	9883	0.25%	0.105%
166	11.473	11.424	11.521	VV	569	18063	0.45%	0.192%
167	11.543	11.521	11.627	VV	352	11405	0.28%	0.122%
168	11.751	11.627	11.784	VV	552	28212	0.70%	0.301%
169	11.798	11.784	11.824	VV	327	6073	0.15%	0.065%
170	11.839	11.824	11.864	VV	330	5470	0.14%	0.058%
171	11.885	11.864	11.931	VV	528	12254	0.30%	0.131%
172	11.971	11.931	12.008	VV	668	20010	0.50%	0.213%
173	12.028	12.008	12.039	VV	349	5085	0.13%	0.054%
174	12.061	12.039	12.079	VV	306	6265	0.16%	0.067%
175	12.086	12.079	12.111	VV	226	3361	0.08%	0.036%
176	12.125	12.111	12.138	VV	272	3108	0.08%	0.033%
177	12.160	12.138	12.181	VV	310	7174	0.18%	0.076%
178	12.220	12.181	12.236	VV	701	15688	0.39%	0.167%
179	12.255	12.236	12.302	VV	1285	20167	0.50%	0.215%
180	12.333	12.302	12.364	VV	1691	24438	0.61%	0.260%
181	12.393	12.364	12.421	VV	4151	54257	1.35%	0.578%
182	12.436	12.421	12.473	VV	345	6478	0.16%	0.069%
183	12.486	12.473	12.492	VV	225	1921	0.05%	0.020%
184	12.512	12.492	12.607	VV	274	8565	0.21%	0.091%
185	12.647	12.607	12.674	PV	212	5310	0.13%	0.057%
186	12.681	12.674	12.693	VV	151	1417	0.04%	0.015%
187	12.711	12.693	12.730	VV	185	3100	0.08%	0.033%
188	12.755	12.730	12.796	VV	300	8380	0.21%	0.089%
189	12.834	12.796	12.981	VV	321662	4024839	100.00%	42.894%
190	13.000	12.981	13.054	VV	795	25511	0.63%	0.272%
191	13.071	13.054	13.094	VV	557	10718	0.27%	0.114%
192	13.112	13.094	13.150	VV	472	12639	0.31%	0.135%
193	13.162	13.150	13.174	VV	357	4180	0.10%	0.045%
194	13.209	13.174	13.241	VV	441	14225	0.35%	0.152%

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195	13.284	13.241	13.334	VV	550	21043	0.52%	0.224%
196	13.352	13.334	13.367	VV	276	4762	0.12%	0.051%
197	13.437	13.367	13.481	VV	497	22905	0.57%	0.244%
198	13.539	13.481	13.564	VV	1245	27586	0.69%	0.294%
199	13.591	13.564	13.720	VV	2719	60810	1.51%	0.648%
200	13.728	13.720	13.738	VV	250	2089	0.05%	0.022%
201	13.761	13.738	13.776	VV	194	3778	0.09%	0.040%
202	13.786	13.776	13.790	VV	177	1227	0.03%	0.013%
203	13.834	13.790	13.874	VV	336	12684	0.32%	0.135%
204	13.897	13.874	13.914	VV	280	5786	0.14%	0.062%
205	13.924	13.914	13.942	VV	312	3836	0.10%	0.041%
206	13.962	13.942	13.981	VV	273	5228	0.13%	0.056%
207	13.984	13.981	14.004	VV	260	3152	0.08%	0.034%
208	14.032	14.004	14.138	VV	779	33266	0.83%	0.355%
209	14.157	14.138	14.184	VV	416	8839	0.22%	0.094%
210	14.202	14.184	14.237	VV	320	9144	0.23%	0.097%
211	14.295	14.237	14.341	VV	465	22077	0.55%	0.235%
212	14.347	14.341	14.372	VV	354	5518	0.14%	0.059%
213	14.398	14.372	14.422	VV	337	8356	0.21%	0.089%
214	14.459	14.422	14.487	VV	373	11002	0.27%	0.117%
215	14.503	14.487	14.523	VV	387	6141	0.15%	0.065%
216	14.542	14.523	14.604	VV	341	10807	0.27%	0.115%
217	14.649	14.604	14.668	VV	1077	19645	0.49%	0.209%
218	14.692	14.668	14.783	VV	2063	47725	1.19%	0.509%
219	14.815	14.783	14.834	VV	209	4625	0.11%	0.049%
220	14.855	14.834	14.884	VV	332	6235	0.15%	0.066%
221	14.891	14.884	14.899	VV	139	1237	0.03%	0.013%
222	14.924	14.899	14.985	VV	188	6715	0.17%	0.072%
223	14.996	14.985	15.022	VV	136	2232	0.06%	0.024%
224	15.115	15.022	15.172	VV	253	11704	0.29%	0.125%
225	15.220	15.172	15.288	VV	346	11303	0.28%	0.120%
226	15.298	15.288	15.306	VV	125	966	0.02%	0.010%
227	15.336	15.306	15.367	VV	152	4200	0.10%	0.045%
228	15.378	15.367	15.391	VV	153	1840	0.05%	0.020%
229	15.405	15.391	15.428	VV	200	2543	0.06%	0.027%
230	15.446	15.428	15.465	VV	140	1892	0.05%	0.020%
231	15.500	15.465	15.634	VV	284	14723	0.37%	0.157%
232	15.712	15.634	15.818	VV	1493	42259	1.05%	0.450%
233	15.848	15.818	15.868	VV	167	2704	0.07%	0.029%
234	15.895	15.868	15.952	VV	115	3852	0.10%	0.041%
235	16.029	15.952	16.059	PV	125	3767	0.09%	0.040%
236	16.087	16.059	16.140	PV	115	3620	0.09%	0.039%
237	16.198	16.140	16.224	VV	293	8026	0.20%	0.086%
238	16.251	16.224	16.300	VV	230	6267	0.16%	0.067%
239	16.407	16.300	16.454	VV	212	8877	0.22%	0.095%
240	16.552	16.454	16.594	VV	282	10048	0.25%	0.107%
241	16.659	16.594	16.728	VV	1446	39888	0.99%	0.425%
242	16.735	16.728	16.764	VV	170	2176	0.05%	0.023%
243	16.772	16.764	16.798	VV	76	1442	0.04%	0.015%
244	16.836	16.798	16.868	VV	113	2627	0.07%	0.028%
245	16.878	16.868	16.904	VV	80	1041	0.03%	0.011%
246	16.953	16.904	16.998	PV	215	5387	0.13%	0.057%

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247	17.111	16.998	17.181	VV	720	19588	0.49%	0.209%
248	17.208	17.181	17.257	VV	227	5852	0.15%	0.062%
249	17.302	17.257	17.348	VV	205	6723	0.17%	0.072%
250	17.546	17.348	17.594	PV	1823	51277	1.27%	0.546%
251	17.638	17.594	17.654	VV	232	6416	0.16%	0.068%
252	17.707	17.654	17.783	VV	196	8763	0.22%	0.093%
253	17.829	17.783	17.881	PV	226	5921	0.15%	0.063%
254	17.967	17.881	18.038	VV	1151	24116	0.60%	0.257%
255	18.226	18.038	18.264	VV	273	8211	0.20%	0.088%
256	18.377	18.264	18.457	VV	1849	46949	1.17%	0.500%
257	18.774	18.457	18.811	PV	1053	19939	0.50%	0.212%
258	18.951	18.811	18.977	VV	249	6418	0.16%	0.068%
259	19.160	18.977	19.223	PV	1526	40440	1.00%	0.431%
260	19.465	19.223	19.504	VV	576	41753	1.04%	0.445%
261	19.536	19.504	19.584	VV	1113	29071	0.72%	0.310%
262	19.901	19.584	19.931	VV	1861	155389	3.86%	1.656%
263	19.961	19.931	19.998	VV	1212	44773	1.11%	0.477%
264	20.258	19.998	20.285	VV	2268	264129	6.56%	2.815%
265	20.432	20.285	20.461	VV	2777	247275	6.14%	2.635%
266	20.611	20.461	20.666	VV	3452	353097	8.77%	3.763%
267	20.771	20.666	20.898	VV	2954	386304	9.60%	4.117%
268	20.931	20.898	20.980	VV	2536	122426	3.04%	1.305%
269	21.024	20.980	21.058	VV	2366	106642	2.65%	1.137%
270	21.185	21.058	21.228	VV	2017	209074	5.19%	2.228%
271	21.239	21.228	21.261	VV	1874	36850	0.92%	0.393%
272	21.279	21.261	21.346	VV	1818	87303	2.17%	0.930%
273	21.367	21.346	21.408	VV	1539	56427	1.40%	0.601%
274	21.464	21.408	21.594	VV	1729	147916	3.68%	1.576%
275	21.617	21.594	21.632	VV	922	20562	0.51%	0.219%
276	21.650	21.632	21.671	VV	868	19705	0.49%	0.210%
277	21.814	21.671	21.881	VV	637	78180	1.94%	0.833%
278	21.906	21.881	21.921	VV	397	8519	0.21%	0.091%
279	21.989	21.921	22.058	VV	285	16883	0.42%	0.180%
Sum of corrected areas:							9383188	

Aliphatic EPH 021125.M Wed Mar 05 23:12:47 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
 Data File : FD049163.D
 Signal(s) : FID2B.ch
 Acq On : 05 Mar 2025 18:27
 Operator : YP/AJ
 Sample : Q1488-13
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 ENV-102-GW01

Integration File: autoint1.e
 Quant Time: Mar 05 23:30:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.351	8320671	58.142 ug/ml
Spiked Amount 50.000		Recovery =	116.28%
6) S 2-Fluorobiphenyl (SURR)	8.202	5210148	59.266 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.53%
11) S ortho-Terphenyl (SURR)	11.235	5636818	34.844 ug/ml
Spiked Amount 50.000		Recovery =	69.69%

Target Compounds

(f)=RT Delta > 1/2 Window

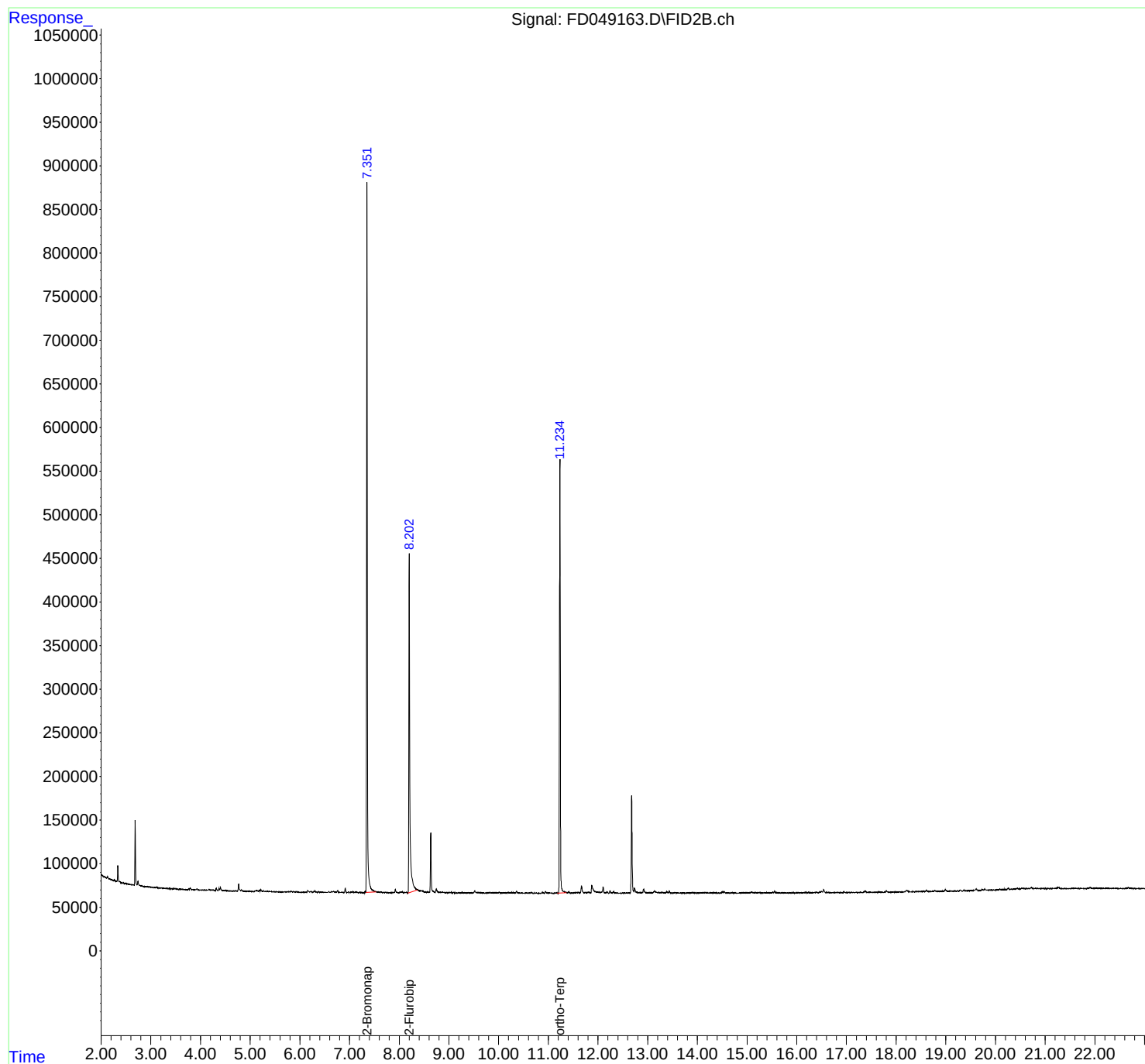
(m)=manual int.

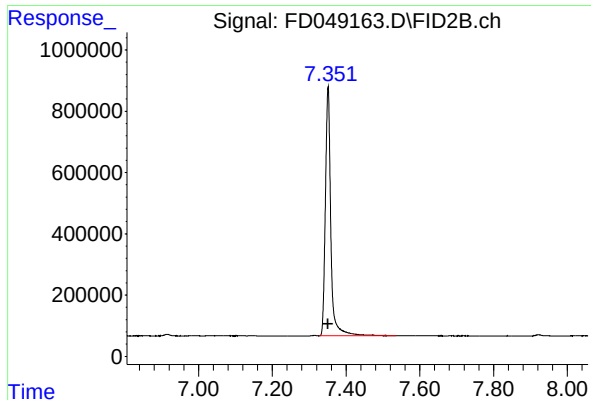
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
Data File : FD049163.D
Signal(s) : FID2B.ch
Acq On : 05 Mar 2025 18:27
Operator : YP/AJ
Sample : Q1488-13
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
ENV-102-GW01

Integration File: autoint1.e
Quant Time: Mar 05 23:30:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

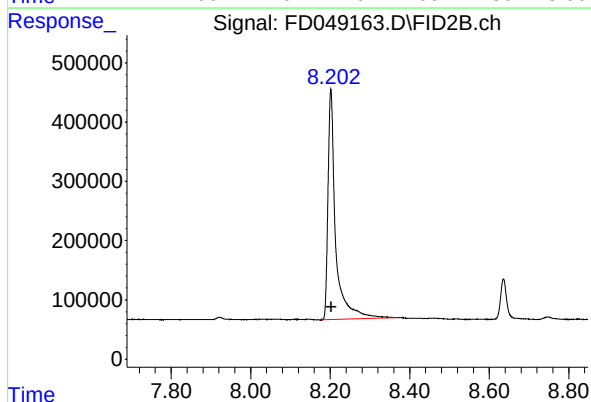




#4 2-Bromonaphthalene (SURRE)

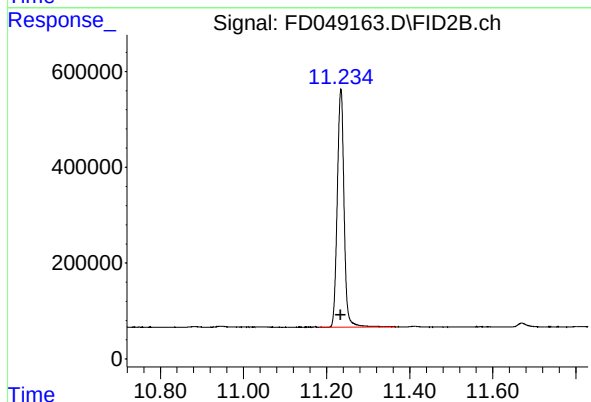
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 8320671
Conc: 58.14 ug/ml

Instrument :
FID_D
ClientSampleId :
ENV-102-GW01



#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 5210148
Conc: 59.27 ug/ml



#11 ortho-Terphenyl (SURRE)

R.T.: 11.235 min
Delta R.T.: 0.001 min
Response: 5636818
Conc: 34.84 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
 Data File : FD049163.D
 Signal(s) : FID2B.ch
 Acq On : 05 Mar 2025 18:27
 Sample : Q1488-13
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.054	4.042	4.090	BV	200	4165	0.05%	0.016%
2	4.103	4.090	4.120	VV	309	3015	0.04%	0.011%
3	4.127	4.120	4.136	VV	285	2107	0.03%	0.008%
4	4.144	4.136	4.153	VV	246	2035	0.02%	0.008%
5	4.168	4.153	4.206	VV	1455	24366	0.29%	0.091%
6	4.211	4.206	4.218	VV	537	3098	0.04%	0.012%
7	4.228	4.218	4.235	VV	473	3934	0.05%	0.015%
8	4.248	4.235	4.259	VV	629	6789	0.08%	0.025%
9	4.266	4.259	4.295	VV	652	8635	0.10%	0.032%
10	4.319	4.295	4.345	VV	2702	35005	0.42%	0.130%
11	4.348	4.345	4.356	VV	540	3136	0.04%	0.012%
12	4.374	4.356	4.386	VV	2316	25426	0.30%	0.095%
13	4.402	4.386	4.454	VV	4045	58861	0.70%	0.219%
14	4.462	4.454	4.478	VV	427	4482	0.05%	0.017%
15	4.514	4.478	4.567	VV	922	19542	0.23%	0.073%
16	4.584	4.567	4.604	VV	484	6006	0.07%	0.022%
17	4.625	4.620	4.671	PV	153	2160	0.03%	0.008%
18	4.694	4.671	4.721	PV	614	8125	0.10%	0.030%
19	4.731	4.721	4.745	VV	258	2745	0.03%	0.010%
20	4.769	4.745	4.811	VV	8555	114389	1.36%	0.426%
21	4.826	4.811	4.903	VV	1776	34220	0.41%	0.127%
22	4.917	4.903	4.940	VV	286	5553	0.07%	0.021%
23	4.948	4.940	4.962	VV	252	3105	0.04%	0.012%
24	4.968	4.962	5.025	VV	406	8916	0.11%	0.033%
25	5.063	5.025	5.075	PV	340	5124	0.06%	0.019%
26	5.117	5.075	5.173	VV	1152	48159	0.57%	0.179%
27	5.187	5.173	5.199	VV	1456	17000	0.20%	0.063%
28	5.214	5.199	5.259	VV	3029	45535	0.54%	0.170%
29	5.273	5.259	5.292	VV	1065	14517	0.17%	0.054%
30	5.307	5.292	5.312	VV	498	5331	0.06%	0.020%
31	5.347	5.312	5.387	VV	780	21612	0.26%	0.080%
32	5.390	5.387	5.397	VV	369	1803	0.02%	0.007%
33	5.403	5.397	5.417	VV	422	3841	0.05%	0.014%
34	5.426	5.417	5.448	VV	464	6077	0.07%	0.023%
35	5.474	5.448	5.501	VV	505	9708	0.12%	0.036%
36	5.519	5.501	5.526	VV	469	4628	0.05%	0.017%

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37	5.531	5.526	5.562	VV	378	4186	0.05%	0.016%
38	5.577	5.562	5.596	VV	308	3765	0.04%	0.014%
39	5.652	5.645	5.657	VV	276	1414	0.02%	0.005%
40	5.660	5.657	5.717	VV	285	8047	0.10%	0.030%
41	5.727	5.717	5.755	VV	405	6792	0.08%	0.025%
42	5.781	5.755	5.803	VV	568	10659	0.13%	0.040%
43	5.823	5.803	5.852	VV	1252	20791	0.25%	0.077%
44	5.875	5.852	5.896	VV	684	14726	0.17%	0.055%
45	5.900	5.896	5.904	VV	427	1705	0.02%	0.006%
46	5.907	5.904	5.918	VV	327	2503	0.03%	0.009%
47	5.936	5.918	5.955	VV	692	11695	0.14%	0.044%
48	5.960	5.955	5.964	VV	552	2388	0.03%	0.009%
49	5.966	5.964	5.973	VV	400	1413	0.02%	0.005%
50	5.977	5.973	5.988	VV	207	1465	0.02%	0.005%
51	5.999	5.988	6.011	VV	177	1781	0.02%	0.007%
52	6.030	6.011	6.055	VV	282	3304	0.04%	0.012%
53	6.067	6.055	6.094	VV	296	3232	0.04%	0.012%
54	6.116	6.102	6.130	PV	272	2084	0.02%	0.008%
55	6.160	6.130	6.198	VV	2182	40110	0.48%	0.149%
56	6.224	6.198	6.250	VV	1456	23591	0.28%	0.088%
57	6.269	6.250	6.281	VV	913	10119	0.12%	0.038%
58	6.297	6.281	6.324	VV	1846	27943	0.33%	0.104%
59	6.328	6.324	6.351	VV	620	6837	0.08%	0.025%
60	6.371	6.351	6.396	VV	1131	15249	0.18%	0.057%
61	6.400	6.396	6.433	VV	356	4958	0.06%	0.018%
62	6.445	6.433	6.450	VV	342	2063	0.02%	0.008%
63	6.459	6.450	6.476	VV	258	3116	0.04%	0.012%
64	6.496	6.476	6.501	PV	285	2474	0.03%	0.009%
65	6.522	6.501	6.532	VV	287	2798	0.03%	0.010%
66	6.549	6.532	6.562	VV	236	2452	0.03%	0.009%
67	6.582	6.562	6.605	VV	1232	15763	0.19%	0.059%
68	6.610	6.605	6.615	VV	291	1421	0.02%	0.005%
69	6.632	6.615	6.650	VV	1087	15893	0.19%	0.059%
70	6.654	6.650	6.660	VV	852	4844	0.06%	0.018%
71	6.680	6.660	6.697	VV	1714	25875	0.31%	0.096%
72	6.707	6.697	6.735	VV	967	14911	0.18%	0.056%
73	6.760	6.735	6.790	VV	2384	35442	0.42%	0.132%
74	6.793	6.790	6.818	VV	329	4308	0.05%	0.016%
75	6.830	6.818	6.835	VV	377	2631	0.03%	0.010%
76	6.851	6.835	6.876	VV	538	8872	0.11%	0.033%
77	6.914	6.876	6.958	VV	5106	65186	0.77%	0.243%
78	6.962	6.958	6.965	VV	316	1138	0.01%	0.004%
79	6.987	6.965	7.012	VV	938	15032	0.18%	0.056%
80	7.028	7.012	7.054	VV	895	13476	0.16%	0.050%
81	7.066	7.054	7.101	VV	1352	20644	0.25%	0.077%
82	7.117	7.101	7.130	VV	851	10570	0.13%	0.039%
83	7.148	7.130	7.187	VV	1116	15802	0.19%	0.059%
84	7.202	7.187	7.210	VV	336	2483	0.03%	0.009%
85	7.216	7.210	7.223	VV	305	1652	0.02%	0.006%
86	7.227	7.223	7.242	VV	220	1855	0.02%	0.007%
87	7.251	7.242	7.279	PV	259	3046	0.04%	0.011%
88	7.283	7.279	7.298	VV	181	1110	0.01%	0.004%
89	7.314	7.298	7.327	VV	1801	17733	0.21%	0.066%

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90	7.351	7.327	7.542	VV	815948	8422324	100.00%	31.357%
91	7.546	7.542	7.569	VV	1180	17218	0.20%	0.064%
92	7.583	7.569	7.613	VV	1079	22443	0.27%	0.084%
93	7.627	7.613	7.653	VV	1444	23061	0.27%	0.086%
94	7.658	7.653	7.670	VV	532	4616	0.05%	0.017%
95	7.683	7.670	7.710	VV	744	13162	0.16%	0.049%
96	7.719	7.710	7.728	VV	695	6183	0.07%	0.023%
97	7.731	7.728	7.740	VV	656	3560	0.04%	0.013%
98	7.747	7.740	7.753	VV	483	2659	0.03%	0.010%
99	7.756	7.753	7.780	VV	386	4472	0.05%	0.017%
100	7.789	7.780	7.795	VV	355	2443	0.03%	0.009%
101	7.804	7.800	7.824	VV	297	3381	0.04%	0.013%
102	7.837	7.824	7.862	VV	592	9287	0.11%	0.035%
103	7.870	7.862	7.890	VV	477	6446	0.08%	0.024%
104	7.894	7.890	7.900	VV	555	2711	0.03%	0.010%
105	7.922	7.900	7.960	VV	4259	59205	0.70%	0.220%
106	7.965	7.960	7.982	VV	548	4971	0.06%	0.019%
107	7.986	7.982	7.991	VV	283	1277	0.02%	0.005%
108	8.018	7.991	8.041	VV	922	20408	0.24%	0.076%
109	8.046	8.041	8.054	VV	792	5829	0.07%	0.022%
110	8.068	8.054	8.098	VV	1082	16462	0.20%	0.061%
111	8.113	8.098	8.132	VV	878	11668	0.14%	0.043%
112	8.146	8.132	8.172	VV	1102	13150	0.16%	0.049%
113	8.202	8.172	8.365	PV	389033	5421321	64.37%	20.184%
114	8.377	8.365	8.410	VV	3940	86316	1.02%	0.321%
115	8.416	8.410	8.442	VV	2662	48253	0.57%	0.180%
116	8.461	8.442	8.503	VV	2942	78760	0.94%	0.293%
117	8.515	8.503	8.540	VV	1527	26806	0.32%	0.100%
118	8.547	8.540	8.551	VV	990	5625	0.07%	0.021%
119	8.568	8.551	8.606	VV	1311	32176	0.38%	0.120%
120	8.636	8.606	8.719	VV	69336	796697	9.46%	2.966%
121	8.748	8.719	8.807	VV	5025	107144	1.27%	0.399%
122	8.822	8.807	8.845	VV	1434	22982	0.27%	0.086%
123	8.870	8.845	8.904	VV	1210	32404	0.38%	0.121%
124	8.907	8.904	8.911	VV	642	2423	0.03%	0.009%
125	8.934	8.911	8.942	VV	755	12633	0.15%	0.047%
126	8.949	8.942	8.997	VV	801	19536	0.23%	0.073%
127	9.003	8.997	9.005	VV	622	2157	0.03%	0.008%
128	9.021	9.005	9.045	VV	972	18180	0.22%	0.068%
129	9.048	9.045	9.074	VV	1024	7709	0.09%	0.029%
130	9.099	9.074	9.134	VV	1130	21409	0.25%	0.080%
131	9.137	9.134	9.142	VV	287	1198	0.01%	0.004%
132	9.147	9.142	9.157	VV	331	2245	0.03%	0.008%
133	9.163	9.157	9.175	VV	345	3175	0.04%	0.012%
134	9.204	9.175	9.228	VV	406	9865	0.12%	0.037%
135	9.249	9.228	9.287	VV	820	14563	0.17%	0.054%
136	9.302	9.287	9.324	VV	570	7347	0.09%	0.027%
137	9.342	9.324	9.356	VV	644	7646	0.09%	0.028%
138	9.375	9.356	9.385	VV	543	6897	0.08%	0.026%
139	9.390	9.385	9.407	VV	508	5077	0.06%	0.019%
140	9.411	9.407	9.428	VV	471	3205	0.04%	0.012%
141	9.449	9.428	9.475	VV	527	6879	0.08%	0.026%

					rteres			
142	9.520	9.475	9.555	VV	2773	55959	0.66%	0.208%
143	9.558	9.555	9.571	VV	849	6880	0.08%	0.026%
144	9.582	9.571	9.639	VV	918	28812	0.34%	0.107%
145	9.650	9.639	9.675	VV	575	10088	0.12%	0.038%
146	9.690	9.675	9.701	VV	418	4437	0.05%	0.017%
147	9.706	9.701	9.739	VV	403	4922	0.06%	0.018%
148	9.787	9.739	9.799	VV	583	12771	0.15%	0.048%
149	9.820	9.799	9.846	VV	890	15650	0.19%	0.058%
150	9.856	9.846	9.872	VV	318	3626	0.04%	0.013%
151	9.890	9.872	9.918	VV	814	14570	0.17%	0.054%
152	9.936	9.918	9.947	VV	750	9544	0.11%	0.036%
153	9.960	9.947	9.982	VV	617	10636	0.13%	0.040%
154	10.012	9.982	10.041	VV	1587	24886	0.30%	0.093%
155	10.101	10.041	10.121	VV	764	19035	0.23%	0.071%
156	10.135	10.121	10.160	VV	596	9099	0.11%	0.034%
157	10.188	10.160	10.206	VV	1204	18724	0.22%	0.070%
158	10.220	10.206	10.235	VV	614	9632	0.11%	0.036%
159	10.260	10.235	10.277	VV	1002	17657	0.21%	0.066%
160	10.295	10.277	10.314	VV	852	11694	0.14%	0.044%
161	10.324	10.314	10.340	VV	699	8026	0.10%	0.030%
162	10.364	10.340	10.392	VV	2271	33577	0.40%	0.125%
163	10.410	10.392	10.423	VV	448	6394	0.08%	0.024%
164	10.428	10.423	10.437	VV	358	2383	0.03%	0.009%
165	10.459	10.437	10.464	VV	514	6361	0.08%	0.024%
166	10.468	10.464	10.480	VV	411	2909	0.03%	0.011%
167	10.489	10.480	10.494	VV	290	1608	0.02%	0.006%
168	10.501	10.494	10.507	VV	260	1707	0.02%	0.006%
169	10.528	10.507	10.533	VV	361	4174	0.05%	0.016%
170	10.546	10.533	10.560	VV	469	5697	0.07%	0.021%
171	10.568	10.560	10.581	VV	400	4144	0.05%	0.015%
172	10.633	10.581	10.643	VV	654	13517	0.16%	0.050%
173	10.663	10.643	10.689	VV	1173	15074	0.18%	0.056%
174	10.707	10.689	10.742	PV	329	7248	0.09%	0.027%
175	10.751	10.742	10.763	VV	371	3615	0.04%	0.013%
176	10.775	10.763	10.803	VV	344	3975	0.05%	0.015%
177	10.819	10.803	10.828	VV	175	1716	0.02%	0.006%
178	10.842	10.828	10.853	PV	274	2566	0.03%	0.010%
179	10.881	10.853	10.917	VV	1505	22188	0.26%	0.083%
180	10.945	10.917	11.008	VV	2326	44802	0.53%	0.167%
181	11.017	11.008	11.026	VV	584	4805	0.06%	0.018%
182	11.048	11.026	11.079	VV	592	12984	0.15%	0.048%
183	11.102	11.079	11.120	VV	289	3987	0.05%	0.015%
184	11.174	11.120	11.202	VV	592	13562	0.16%	0.050%
185	11.234	11.202	11.386	VV	497237	5703920	67.72%	21.236%
186	11.412	11.386	11.448	VV	2088	38160	0.45%	0.142%
187	11.468	11.448	11.480	VV	491	8660	0.10%	0.032%
188	11.498	11.480	11.520	VV	632	11837	0.14%	0.044%
189	11.532	11.520	11.542	VV	731	8231	0.10%	0.031%
190	11.570	11.542	11.585	VV	977	21889	0.26%	0.081%
191	11.590	11.585	11.612	VV	986	13522	0.16%	0.050%
192	11.621	11.612	11.635	VV	788	10372	0.12%	0.039%
193	11.670	11.635	11.722	VV	8729	151965	1.80%	0.566%
194	11.736	11.722	11.747	VV	972	11886	0.14%	0.044%

					rteres			
195	11.755	11.747	11.779	VV	906	12883	0.15%	0.048%
196	11.813	11.779	11.853	VV	1578	42362	0.50%	0.158%
197	11.877	11.853	12.002	VV	9067	280435	3.33%	1.044%
198	12.009	12.002	12.055	VV	1196	32789	0.39%	0.122%
199	12.103	12.055	12.139	VV	7317	121448	1.44%	0.452%
200	12.181	12.139	12.219	VV	1893	38322	0.45%	0.143%
201	12.243	12.219	12.283	VV	2915	40371	0.48%	0.150%
202	12.314	12.283	12.341	VV	1914	31793	0.38%	0.118%
203	12.363	12.341	12.378	VV	465	7251	0.09%	0.027%
204	12.389	12.378	12.416	VV	346	5309	0.06%	0.020%
205	12.424	12.416	12.475	VV	260	6020	0.07%	0.022%
206	12.494	12.475	12.501	VV	271	3120	0.04%	0.012%
207	12.518	12.501	12.545	VV	408	7433	0.09%	0.028%
208	12.564	12.545	12.587	VV	353	6909	0.08%	0.026%
209	12.613	12.587	12.645	VV	513	12420	0.15%	0.046%
210	12.677	12.645	12.715	VV	112158	1391800	16.53%	5.182%
211	12.735	12.715	12.825	VV	5856	141902	1.68%	0.528%
212	12.853	12.825	12.872	VV	1000	21122	0.25%	0.079%
213	12.919	12.872	12.979	VV	4794	103469	1.23%	0.385%
214	12.985	12.979	13.014	VV	642	12525	0.15%	0.047%
215	13.043	13.014	13.081	VV	894	24481	0.29%	0.091%
216	13.133	13.081	13.218	VV	2386	94917	1.13%	0.353%
217	13.228	13.218	13.256	VV	779	15282	0.18%	0.057%
218	13.288	13.256	13.351	VV	798	37580	0.45%	0.140%
219	13.386	13.351	13.410	VV	1664	35911	0.43%	0.134%
220	13.436	13.410	13.480	VV	2548	41981	0.50%	0.156%
221	13.486	13.480	13.520	VV	493	8195	0.10%	0.031%
222	13.545	13.520	13.606	VV	865	22671	0.27%	0.084%
223	13.613	13.606	13.633	VV	309	3477	0.04%	0.013%
224	13.668	13.633	13.718	VV	337	13808	0.16%	0.051%
225	13.729	13.718	13.757	VV	486	7663	0.09%	0.029%
226	13.772	13.757	13.787	VV	372	4560	0.05%	0.017%
227	13.824	13.787	13.844	VV	340	8116	0.10%	0.030%
228	13.906	13.844	13.939	VV	882	29930	0.36%	0.111%
229	13.945	13.939	13.959	VV	504	5060	0.06%	0.019%
230	13.976	13.959	13.985	VV	469	5969	0.07%	0.022%
231	13.995	13.985	14.026	VV	484	8483	0.10%	0.032%
232	14.035	14.026	14.044	VV	382	3184	0.04%	0.012%
233	14.087	14.044	14.120	VV	671	23082	0.27%	0.086%
234	14.161	14.120	14.179	VV	798	20956	0.25%	0.078%
235	14.199	14.179	14.245	VV	779	19997	0.24%	0.074%
236	14.296	14.245	14.317	VV	679	21395	0.25%	0.080%
237	14.344	14.317	14.364	VV	574	11961	0.14%	0.045%
238	14.381	14.364	14.397	VV	451	6382	0.08%	0.024%
239	14.404	14.397	14.425	VV	431	4581	0.05%	0.017%
240	14.446	14.425	14.473	VV	452	9169	0.11%	0.034%
241	14.498	14.473	14.514	VV	1289	19877	0.24%	0.074%
242	14.538	14.514	14.607	VV	1931	38525	0.46%	0.143%
243	14.629	14.607	14.670	VV	348	8030	0.10%	0.030%
244	14.698	14.670	14.722	VV	973	15849	0.19%	0.059%
245	14.728	14.722	14.759	VV	359	5707	0.07%	0.021%
246	14.770	14.759	14.819	VV	422	5771	0.07%	0.021%

					rteres			
247	14.838	14.819	14.858	PV	226	3923	0.05%	0.015%
248	14.900	14.858	14.927	VV	566	12921	0.15%	0.048%
249	14.968	14.927	14.984	VV	553	14354	0.17%	0.053%
250	14.989	14.984	14.999	VV	489	4012	0.05%	0.015%
251	15.024	14.999	15.048	VV	550	13290	0.16%	0.049%
252	15.087	15.048	15.137	VV	1360	38570	0.46%	0.144%
253	15.174	15.137	15.204	VV	652	18681	0.22%	0.070%
254	15.244	15.204	15.316	VV	735	28383	0.34%	0.106%
255	15.358	15.316	15.374	VV	534	12306	0.15%	0.046%
256	15.390	15.374	15.426	VV	602	12516	0.15%	0.047%
257	15.435	15.426	15.457	VV	370	4822	0.06%	0.018%
258	15.522	15.457	15.534	VV	1216	18688	0.22%	0.070%
259	15.555	15.534	15.650	VV	1684	41176	0.49%	0.153%
260	15.657	15.650	15.670	VV	279	1435	0.02%	0.005%
261	15.696	15.670	15.713	VV	352	5844	0.07%	0.022%
262	15.740	15.713	15.830	VV	391	12780	0.15%	0.048%
263	15.839	15.830	15.897	VV	392	3325	0.04%	0.012%
264	15.912	15.897	15.927	PV	398	3285	0.04%	0.012%
265	15.931	15.927	15.965	VV	254	2935	0.03%	0.011%
266	15.997	15.965	16.014	VV	313	5663	0.07%	0.021%
267	16.046	16.014	16.080	VV	526	11911	0.14%	0.044%
268	16.096	16.080	16.135	VV	288	7222	0.09%	0.027%
269	16.160	16.135	16.215	VV	461	16334	0.19%	0.061%
270	16.228	16.215	16.249	VV	514	7426	0.09%	0.028%
271	16.257	16.249	16.276	VV	536	5578	0.07%	0.021%
272	16.289	16.276	16.312	VV	320	4406	0.05%	0.016%
273	16.399	16.312	16.447	VV	686	30010	0.36%	0.112%
274	16.467	16.447	16.480	VV	900	13959	0.17%	0.052%
275	16.498	16.480	16.522	VV	1707	29173	0.35%	0.109%
276	16.542	16.522	16.649	VV	3813	72546	0.86%	0.270%
277	16.658	16.649	16.711	VV	406	7656	0.09%	0.029%
278	16.742	16.711	16.755	VV	317	4104	0.05%	0.015%
279	16.794	16.755	16.808	VV	409	7046	0.08%	0.026%
280	16.824	16.808	16.884	VV	521	12277	0.15%	0.046%
281	16.891	16.884	16.900	VV	250	1429	0.02%	0.005%
282	16.911	16.900	16.927	VV	278	3418	0.04%	0.013%
283	16.950	16.927	16.991	VV	1151	20152	0.24%	0.075%
284	16.998	16.991	17.009	VV	297	1998	0.02%	0.007%
285	17.052	17.009	17.084	VV	450	11622	0.14%	0.043%
286	17.109	17.084	17.129	PV	388	6267	0.07%	0.023%
287	17.137	17.129	17.164	VV	368	4787	0.06%	0.018%
288	17.171	17.164	17.185	VV	211	2378	0.03%	0.009%
289	17.202	17.185	17.219	VV	243	4022	0.05%	0.015%
290	17.250	17.219	17.269	VV	304	5305	0.06%	0.020%
291	17.283	17.269	17.314	VV	304	5500	0.07%	0.020%
292	17.318	17.314	17.328	VV	223	1372	0.02%	0.005%
293	17.382	17.328	17.428	VV	2171	47878	0.57%	0.178%
294	17.441	17.428	17.452	VV	308	3241	0.04%	0.012%
295	17.457	17.452	17.483	VV	431	4596	0.05%	0.017%
296	17.492	17.483	17.500	VV	372	2146	0.03%	0.008%
297	17.522	17.500	17.557	VV	365	9441	0.11%	0.035%
298	17.575	17.557	17.615	VV	289	6425	0.08%	0.024%
299	17.666	17.615	17.692	VV	592	16317	0.19%	0.061%

					rteres			
300	17.704	17.692	17.747	VV	350	4290	0.05%	0.016%
301	17.805	17.747	17.879	PV	1883	41144	0.49%	0.153%
302	17.908	17.879	17.952	VV	408	10168	0.12%	0.038%
303	17.976	17.952	18.006	VV	265	5628	0.07%	0.021%
304	18.069	18.006	18.092	VV	480	12162	0.14%	0.045%
305	18.122	18.092	18.139	VV	283	4305	0.05%	0.016%
306	18.213	18.139	18.278	VV	2298	64396	0.76%	0.240%
307	18.287	18.278	18.296	VV	221	1363	0.02%	0.005%
308	18.323	18.296	18.334	PV	392	4919	0.06%	0.018%
309	18.346	18.334	18.374	VV	404	5842	0.07%	0.022%
310	18.426	18.374	18.448	VV	367	12109	0.14%	0.045%
311	18.473	18.448	18.502	VV	376	8312	0.10%	0.031%
312	18.524	18.502	18.542	VV	321	5380	0.06%	0.020%
313	18.550	18.542	18.570	VV	252	2085	0.02%	0.008%
314	18.608	18.570	18.670	VV	1384	27025	0.32%	0.101%
315	18.677	18.670	18.697	VV	191	1445	0.02%	0.005%

Sum of corrected areas: 26859796

Aromatic EPH 021125.M Wed Mar 05 23:53:55 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030525AL\
 Data File : FC068374.D
 Signal(s) : FID1A.ch
 Acq On : 05 Mar 2025 19:04
 Operator : YP/AJ
 Sample : Q1488-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 ENV-104-GW01

Integration File: autoint1.e
 Quant Time: Mar 05 22:34:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.836	4675167	41.567 ug/ml
Spiked Amount	50.000	Recovery	= 83.13%

Target Compounds

(f)=RT Delta > 1/2 Window

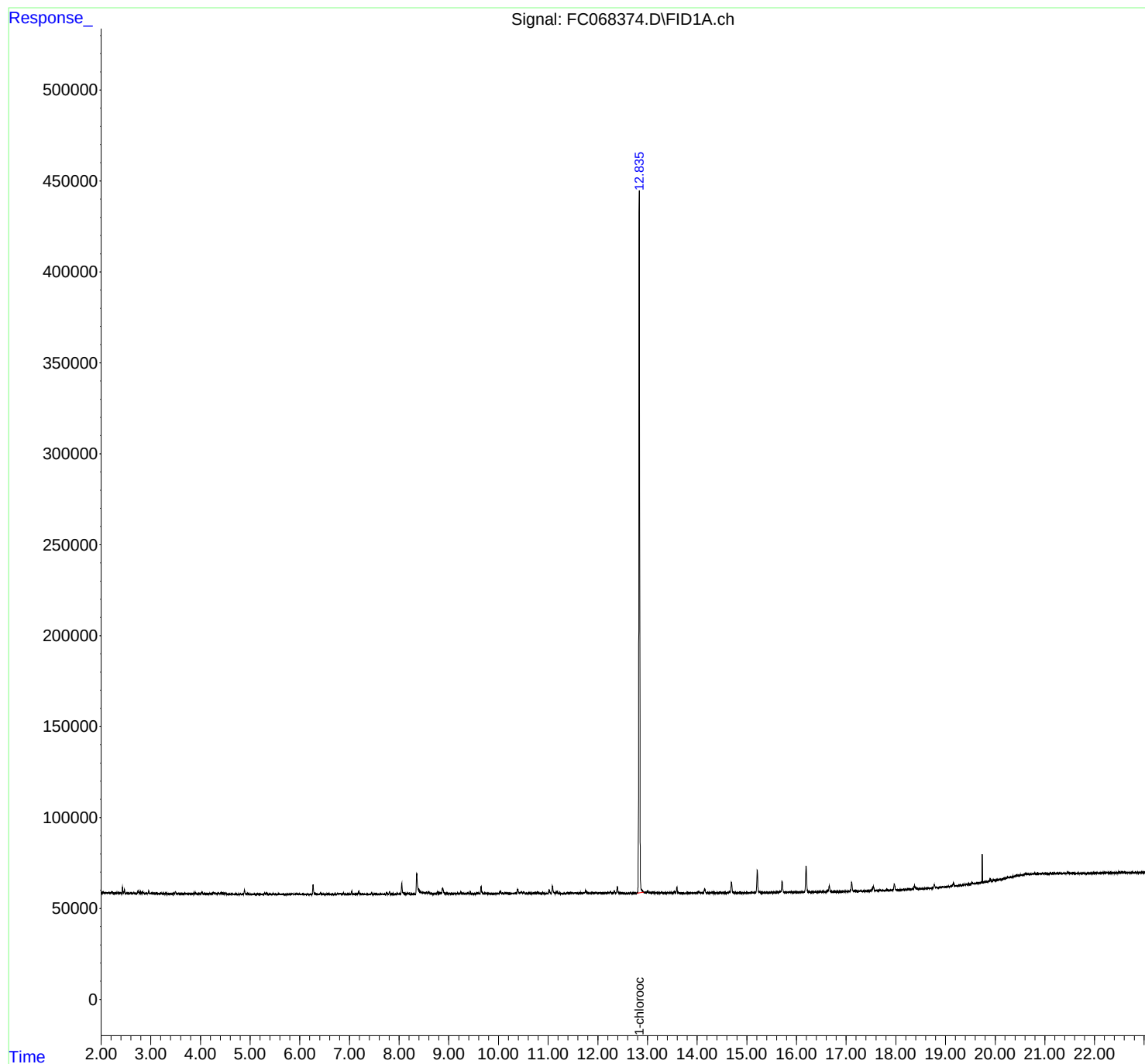
(m)=manual int.

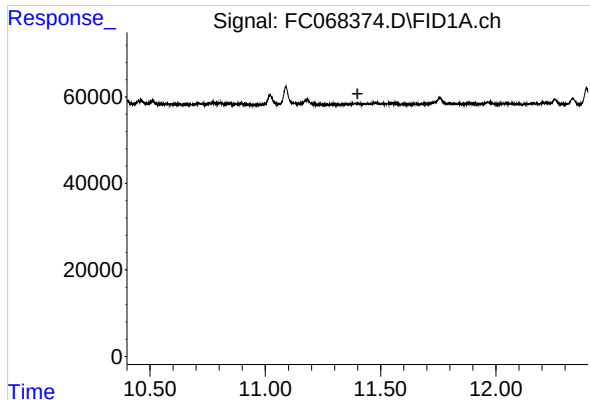
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030525AL\
Data File : FC068374.D
Signal(s) : FID1A.ch
Acq On : 05 Mar 2025 19:04
Operator : YP/AJ
Sample : Q1488-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
ENV-104-GW01

Integration File: autoint1.e
Quant Time: Mar 05 22:34:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

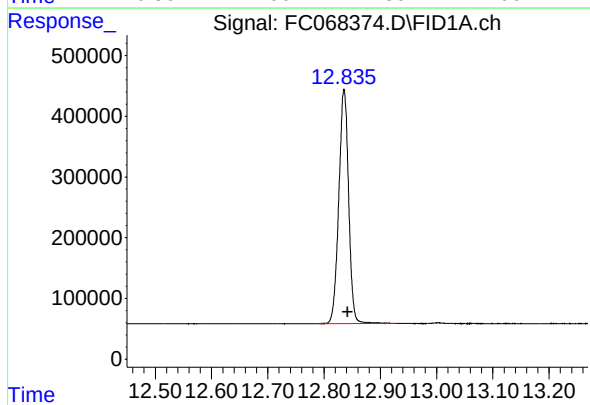




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.400 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
ENV-104-GW01



#12 1-chlorooctadecane (SURR)

R.T.: 12.836 min
Delta R.T.: -0.006 min
Response: 4675167
Conc: 41.57 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030525AL\
 Data File : FC068374.D
 Signal(s) : FID1A.ch
 Acq On : 05 Mar 2025 19:04
 Sample : Q1488-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.357	2.305	2.402	BV	316	4264	0.09%	0.038%
2	2.430	2.402	2.453	PV	3345	28135	0.59%	0.250%
3	2.471	2.453	2.506	VV	2209	20160	0.43%	0.179%
4	2.527	2.506	2.540	VV	189	1968	0.04%	0.017%
5	2.557	2.540	2.577	VV	141	2270	0.05%	0.020%
6	2.588	2.577	2.606	VV	104	1244	0.03%	0.011%
7	2.655	2.606	2.695	PV	457	6391	0.13%	0.057%
8	2.709	2.695	2.718	VV	111	1107	0.02%	0.010%
9	2.742	2.718	2.769	VV	1335	20138	0.42%	0.179%
10	2.787	2.769	2.821	VV	1134	14477	0.31%	0.129%
11	2.838	2.821	2.876	VV	1083	15102	0.32%	0.134%
12	2.884	2.876	2.895	VV	213	2047	0.04%	0.018%
13	2.916	2.895	2.940	VV	383	6625	0.14%	0.059%
14	2.960	2.940	2.998	VV	1126	15146	0.32%	0.135%
15	3.024	2.998	3.035	VV	202	3763	0.08%	0.033%
16	3.051	3.035	3.138	VV	187	6890	0.15%	0.061%
17	3.153	3.138	3.168	VV	160	2067	0.04%	0.018%
18	3.206	3.168	3.258	VV	409	9201	0.19%	0.082%
19	3.267	3.258	3.365	PV	151	5324	0.11%	0.047%
20	3.372	3.365	3.446	VV	100	3097	0.07%	0.028%
21	3.466	3.446	3.480	VV	237	2494	0.05%	0.022%
22	3.497	3.480	3.514	VV	1506	13198	0.28%	0.117%
23	3.524	3.514	3.553	VV	229	2386	0.05%	0.021%
24	3.577	3.553	3.616	VV	214	3234	0.07%	0.029%
25	3.628	3.616	3.671	VV	92	2191	0.05%	0.019%
26	3.691	3.671	3.751	VV	278	7372	0.16%	0.066%
27	3.774	3.751	3.797	VV	301	4464	0.09%	0.040%
28	3.810	3.797	3.838	VV	104	2310	0.05%	0.021%
29	3.864	3.838	3.881	VV	482	6595	0.14%	0.059%
30	3.893	3.881	3.934	VV	650	11213	0.24%	0.100%
31	3.957	3.934	3.995	VV	256	5959	0.13%	0.053%
32	4.029	3.995	4.061	VV	960	19298	0.41%	0.171%
33	4.074	4.061	4.088	VV	252	4015	0.08%	0.036%
34	4.093	4.088	4.115	VV	263	3472	0.07%	0.031%
35	4.122	4.115	4.152	VV	198	4503	0.10%	0.040%
36	4.163	4.152	4.198	VV	251	6115	0.13%	0.054%

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37	4.215	4.198	4.238	VV	242	4701	0.10%	0.042%
38	4.261	4.238	4.291	VV	832	16846	0.36%	0.150%
39	4.300	4.291	4.340	VV	644	11134	0.23%	0.099%
40	4.364	4.340	4.392	VV	615	11188	0.24%	0.099%
41	4.425	4.392	4.446	VV	866	14429	0.30%	0.128%
42	4.456	4.446	4.467	VV	356	3862	0.08%	0.034%
43	4.481	4.467	4.496	VV	651	7255	0.15%	0.064%
44	4.511	4.496	4.571	VV	1036	13014	0.27%	0.116%
45	4.581	4.571	4.606	VV	168	1931	0.04%	0.017%
46	4.630	4.606	4.668	VV	220	4153	0.09%	0.037%
47	4.707	4.668	4.794	VV	172	5356	0.11%	0.048%
48	4.807	4.794	4.828	VV	234	2182	0.05%	0.019%
49	4.887	4.828	4.923	PV	2514	34593	0.73%	0.307%
50	4.943	4.923	4.958	VV	535	6586	0.14%	0.059%
51	4.973	4.958	5.010	VV	303	5846	0.12%	0.052%
52	5.022	5.010	5.048	VV	169	2846	0.06%	0.025%
53	5.057	5.048	5.069	VV	127	1614	0.03%	0.014%
54	5.082	5.069	5.115	VV	233	3489	0.07%	0.031%
55	5.162	5.115	5.205	PV	168	5057	0.11%	0.045%
56	5.253	5.205	5.273	VV	145	3320	0.07%	0.030%
57	5.291	5.273	5.309	VV	801	9457	0.20%	0.084%
58	5.328	5.309	5.375	VV	931	14611	0.31%	0.130%
59	5.382	5.375	5.412	VV	194	2978	0.06%	0.026%
60	5.421	5.412	5.441	VV	164	1600	0.03%	0.014%
61	5.466	5.441	5.528	VV	252	6353	0.13%	0.056%
62	5.539	5.528	5.548	VV	80	821	0.02%	0.007%
63	5.571	5.548	5.602	VV	323	4466	0.09%	0.040%
64	5.663	5.602	5.682	VV	147	4836	0.10%	0.043%
65	5.691	5.682	5.712	VV	98	1074	0.02%	0.010%
66	5.744	5.712	5.765	PV	237	2710	0.06%	0.024%
67	5.787	5.765	5.819	VV	206	3881	0.08%	0.034%
68	5.848	5.819	5.871	VV	332	6992	0.15%	0.062%
69	5.884	5.871	5.904	VV	317	4667	0.10%	0.041%
70	5.928	5.904	5.969	VV	562	10117	0.21%	0.090%
71	5.990	5.969	6.028	VV	419	7652	0.16%	0.068%
72	6.060	6.028	6.082	VV	220	4296	0.09%	0.038%
73	6.100	6.082	6.144	VV	175	2763	0.06%	0.025%
74	6.167	6.144	6.183	VV	161	2307	0.05%	0.020%
75	6.194	6.183	6.219	VV	98	1563	0.03%	0.014%
76	6.229	6.219	6.240	VV	134	975	0.02%	0.009%
77	6.268	6.240	6.328	VV	5411	70434	1.49%	0.626%
78	6.348	6.328	6.371	VV	508	6821	0.14%	0.061%
79	6.386	6.371	6.397	VV	292	3168	0.07%	0.028%
80	6.415	6.397	6.433	VV	742	8733	0.18%	0.078%
81	6.449	6.433	6.466	VV	272	3766	0.08%	0.033%
82	6.487	6.466	6.521	PV	330	4712	0.10%	0.042%
83	6.532	6.521	6.562	VV	136	1427	0.03%	0.013%
84	6.578	6.562	6.613	VV	178	2080	0.04%	0.018%
85	6.624	6.613	6.648	VV	124	1509	0.03%	0.013%
86	6.660	6.648	6.678	VV	142	1400	0.03%	0.012%
87	6.705	6.678	6.738	VV	515	6341	0.13%	0.056%
88	6.759	6.738	6.793	VV	494	10544	0.22%	0.094%
89	6.809	6.793	6.855	VV	522	10877	0.23%	0.097%

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90	6.883	6.855	6.907	VV	729	12663	0.27%	0.113%
91	6.926	6.907	6.940	VV	240	3270	0.07%	0.029%
92	6.964	6.940	6.979	VV	211	4145	0.09%	0.037%
93	6.988	6.979	7.008	VV	243	2371	0.05%	0.021%
94	7.045	7.008	7.077	VV	1828	21532	0.45%	0.191%
95	7.106	7.077	7.135	VV	272	6551	0.14%	0.058%
96	7.188	7.135	7.231	VV	1995	31602	0.67%	0.281%
97	7.247	7.231	7.268	VV	365	5460	0.12%	0.049%
98	7.277	7.268	7.303	VV	340	4349	0.09%	0.039%
99	7.314	7.303	7.326	VV	146	1590	0.03%	0.014%
100	7.359	7.326	7.379	VV	238	4659	0.10%	0.041%
101	7.446	7.379	7.494	VV	678	12733	0.27%	0.113%
102	7.516	7.494	7.533	VV	262	4003	0.08%	0.036%
103	7.546	7.533	7.573	VV	297	4095	0.09%	0.036%
104	7.610	7.573	7.628	VV	382	6760	0.14%	0.060%
105	7.638	7.628	7.695	VV	266	6603	0.14%	0.059%
106	7.705	7.695	7.728	VV	305	3090	0.07%	0.027%
107	7.751	7.728	7.788	PV	993	12937	0.27%	0.115%
108	7.806	7.788	7.831	VV	1538	17828	0.38%	0.158%
109	7.841	7.831	7.861	VV	265	2760	0.06%	0.025%
110	7.876	7.861	7.927	VV	331	6643	0.14%	0.059%
111	7.963	7.927	7.982	VV	634	8975	0.19%	0.080%
112	7.993	7.982	8.025	VV	224	4962	0.10%	0.044%
113	8.054	8.025	8.128	VV	6258	84158	1.78%	0.748%
114	8.156	8.128	8.185	VV	473	11708	0.25%	0.104%
115	8.200	8.185	8.225	VV	452	7100	0.15%	0.063%
116	8.242	8.225	8.268	VV	310	4869	0.10%	0.043%
117	8.287	8.268	8.320	VV	380	4899	0.10%	0.044%
118	8.355	8.320	8.525	VV	11407	278544	5.88%	2.475%
119	8.540	8.525	8.571	VV	802	18981	0.40%	0.169%
120	8.589	8.571	8.626	VV	1287	26101	0.55%	0.232%
121	8.648	8.626	8.683	VV	560	11629	0.25%	0.103%
122	8.704	8.683	8.748	VV	392	10110	0.21%	0.090%
123	8.772	8.748	8.792	VV	1249	17759	0.37%	0.158%
124	8.809	8.792	8.837	VV	899	16157	0.34%	0.144%
125	8.877	8.837	8.941	VV	3327	72446	1.53%	0.644%
126	8.958	8.941	8.991	VV	611	11362	0.24%	0.101%
127	9.007	8.991	9.034	VV	511	8423	0.18%	0.075%
128	9.063	9.034	9.081	VV	369	7313	0.15%	0.065%
129	9.088	9.081	9.145	VV	307	9969	0.21%	0.089%
130	9.173	9.145	9.218	VV	496	12690	0.27%	0.113%
131	9.241	9.218	9.274	VV	1048	19299	0.41%	0.171%
132	9.292	9.274	9.316	VV	535	8729	0.18%	0.078%
133	9.332	9.316	9.358	VV	390	7396	0.16%	0.066%
134	9.380	9.358	9.410	VV	758	14256	0.30%	0.127%
135	9.430	9.410	9.475	VV	1266	18695	0.39%	0.166%
136	9.492	9.475	9.508	VV	237	3180	0.07%	0.028%
137	9.523	9.508	9.536	VV	258	3048	0.06%	0.027%
138	9.572	9.536	9.594	VV	550	9846	0.21%	0.087%
139	9.613	9.594	9.626	VV	330	5424	0.11%	0.048%
140	9.652	9.626	9.699	VV	4315	63860	1.35%	0.567%
141	9.719	9.699	9.807	VV	483	21777	0.46%	0.194%

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142	9.825	9.807	9.846	VV	267	4522	0.10%	0.040%
143	9.865	9.846	9.878	VV	221	3200	0.07%	0.028%
144	9.882	9.878	9.889	VV	202	1067	0.02%	0.009%
145	9.926	9.889	9.942	VV	269	5555	0.12%	0.049%
146	9.970	9.942	9.980	VV	363	6138	0.13%	0.055%
147	10.038	9.980	10.068	VV	1166	30275	0.64%	0.269%
148	10.078	10.068	10.101	VV	503	8220	0.17%	0.073%
149	10.130	10.101	10.165	VV	542	14285	0.30%	0.127%
150	10.179	10.165	10.227	VV	478	10906	0.23%	0.097%
151	10.248	10.227	10.265	VV	402	6401	0.14%	0.057%
152	10.279	10.265	10.299	VV	369	6072	0.13%	0.054%
153	10.328	10.299	10.351	VV	513	11720	0.25%	0.104%
154	10.388	10.351	10.424	VV	2648	48995	1.03%	0.435%
155	10.458	10.424	10.485	VV	1191	27825	0.59%	0.247%
156	10.511	10.485	10.542	VV	1046	20738	0.44%	0.184%
157	10.557	10.542	10.587	VV	377	8730	0.18%	0.078%
158	10.601	10.587	10.658	VV	381	12135	0.26%	0.108%
159	10.709	10.658	10.740	VV	538	16714	0.35%	0.149%
160	10.773	10.740	10.792	VV	623	15244	0.32%	0.135%
161	10.806	10.792	10.825	VV	623	8955	0.19%	0.080%
162	10.838	10.825	10.862	VV	493	7927	0.17%	0.070%
163	10.893	10.862	10.975	VV	490	16576	0.35%	0.147%
164	11.021	10.975	11.056	VV	2413	41674	0.88%	0.370%
165	11.089	11.056	11.148	VV	4350	73033	1.54%	0.649%
166	11.180	11.148	11.224	VV	1267	28451	0.60%	0.253%
167	11.241	11.224	11.261	VV	226	4402	0.09%	0.039%
168	11.291	11.261	11.345	VV	209	8709	0.18%	0.077%
169	11.379	11.345	11.428	VV	441	15232	0.32%	0.135%
170	11.441	11.428	11.461	VV	413	6876	0.15%	0.061%
171	11.477	11.461	11.528	VV	559	15899	0.34%	0.141%
172	11.542	11.528	11.599	VV	470	14216	0.30%	0.126%
173	11.604	11.599	11.614	VV	200	1664	0.04%	0.015%
174	11.690	11.614	11.701	VV	353	12448	0.26%	0.111%
175	11.756	11.701	11.867	VV	1800	54345	1.15%	0.483%
176	11.884	11.867	11.931	VV	465	11937	0.25%	0.106%
177	11.968	11.931	12.010	VV	641	18059	0.38%	0.160%
178	12.032	12.010	12.115	VV	382	15690	0.33%	0.139%
179	12.165	12.115	12.186	VV	418	12468	0.26%	0.111%
180	12.208	12.186	12.237	VV	538	12854	0.27%	0.114%
181	12.255	12.237	12.300	VV	1279	19544	0.41%	0.174%
182	12.333	12.300	12.361	VV	1498	22625	0.48%	0.201%
183	12.393	12.361	12.495	VV	3785	61387	1.30%	0.545%
184	12.516	12.495	12.559	VV	333	7222	0.15%	0.064%
185	12.585	12.559	12.626	PV	112	3361	0.07%	0.030%
186	12.653	12.626	12.729	VV	276	10763	0.23%	0.096%
187	12.836	12.729	12.976	VV	386937	4739691	100.00%	42.117%
188	13.003	12.976	13.042	VV	1571	32165	0.68%	0.286%
189	13.051	13.042	13.061	VV	494	4894	0.10%	0.043%
190	13.067	13.061	13.156	VV	481	18542	0.39%	0.165%
191	13.210	13.156	13.240	VV	334	13158	0.28%	0.117%
192	13.284	13.240	13.325	VV	453	16069	0.34%	0.143%
193	13.332	13.325	13.339	VV	180	1530	0.03%	0.014%
194	13.353	13.339	13.369	VV	298	3407	0.07%	0.030%

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195	13.389	13.369	13.416	VV	276	6301	0.13%	0.056%
196	13.453	13.416	13.481	VV	348	10945	0.23%	0.097%
197	13.493	13.481	13.510	VV	264	3725	0.08%	0.033%
198	13.538	13.510	13.562	VV	1210	18847	0.40%	0.167%
199	13.591	13.562	13.655	VV	3073	50462	1.06%	0.448%
200	13.665	13.655	13.695	VV	170	3038	0.06%	0.027%
201	13.716	13.695	13.772	VV	146	3784	0.08%	0.034%
202	13.819	13.772	13.911	PV	329	13297	0.28%	0.118%
203	13.947	13.911	13.991	VV	187	5183	0.11%	0.046%
204	14.028	13.991	14.115	VV	1020	26712	0.56%	0.237%
205	14.151	14.115	14.195	VV	2574	42146	0.89%	0.375%
206	14.211	14.195	14.231	VV	200	3763	0.08%	0.033%
207	14.242	14.231	14.255	VV	178	2290	0.05%	0.020%
208	14.290	14.255	14.325	VV	301	9561	0.20%	0.085%
209	14.334	14.325	14.380	VV	217	4863	0.10%	0.043%
210	14.394	14.380	14.421	VV	218	3716	0.08%	0.033%
211	14.465	14.421	14.480	VV	281	6522	0.14%	0.058%
212	14.496	14.480	14.525	VV	264	4126	0.09%	0.037%
213	14.544	14.525	14.581	VV	204	4240	0.09%	0.038%
214	14.585	14.581	14.596	VV	143	675	0.01%	0.006%
215	14.646	14.596	14.663	VV	1043	16248	0.34%	0.144%
216	14.690	14.663	14.818	VV	5897	98659	2.08%	0.877%
217	14.825	14.818	14.834	VV	68	560	0.01%	0.005%
218	14.866	14.834	14.882	VV	252	4743	0.10%	0.042%
219	14.890	14.882	14.960	VV	138	4851	0.10%	0.043%
220	14.994	14.960	15.020	PV	186	3312	0.07%	0.029%
221	15.029	15.020	15.036	VV	112	796	0.02%	0.007%
222	15.041	15.036	15.064	VV	111	1228	0.03%	0.011%
223	15.116	15.064	15.145	PV	297	8294	0.17%	0.074%
224	15.209	15.145	15.303	VV	12589	188776	3.98%	1.677%
225	15.362	15.303	15.371	VV	168	4919	0.10%	0.044%
226	15.387	15.371	15.433	VV	180	5095	0.11%	0.045%
227	15.446	15.433	15.459	VV	146	1870	0.04%	0.017%
228	15.509	15.459	15.531	VV	257	7177	0.15%	0.064%
229	15.552	15.531	15.568	VV	203	3737	0.08%	0.033%
230	15.571	15.568	15.578	VV	203	1074	0.02%	0.010%
231	15.585	15.578	15.592	VV	156	1287	0.03%	0.011%
232	15.601	15.592	15.618	VV	186	2201	0.05%	0.020%
233	15.671	15.618	15.683	VV	864	14976	0.32%	0.133%
234	15.709	15.683	15.801	VV	6318	101183	2.13%	0.899%
235	15.806	15.801	15.831	VV	179	1995	0.04%	0.018%
236	15.856	15.831	15.874	VV	215	3778	0.08%	0.034%
237	15.897	15.874	15.969	VV	182	6547	0.14%	0.058%
238	16.128	15.969	16.141	PV	257	9496	0.20%	0.084%
239	16.192	16.141	16.298	VV	14330	231044	4.87%	2.053%
240	16.317	16.298	16.334	VV	208	3495	0.07%	0.031%
241	16.377	16.334	16.412	VV	213	7108	0.15%	0.063%
242	16.429	16.412	16.451	VV	153	2788	0.06%	0.025%
243	16.461	16.451	16.523	VV	183	4190	0.09%	0.037%
244	16.552	16.523	16.588	VV	285	6802	0.14%	0.060%
245	16.626	16.588	16.634	VV	773	12916	0.27%	0.115%
246	16.659	16.634	16.751	VV	3327	59295	1.25%	0.527%

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247	16.758	16.751	16.785	VV	181	2653	0.06%	0.024%
248	16.791	16.785	16.811	VV	71	1240	0.03%	0.011%
249	16.819	16.811	16.852	VV	134	1869	0.04%	0.017%
250	16.890	16.852	16.911	VV	102	2432	0.05%	0.022%
251	16.952	16.911	16.985	VV	190	4226	0.09%	0.038%
252	16.996	16.985	17.012	PV	156	1242	0.03%	0.011%
253	17.019	17.012	17.027	VV	91	681	0.01%	0.006%
254	17.110	17.027	17.180	PV	5141	85871	1.81%	0.763%
255	17.206	17.180	17.268	VV	275	7274	0.15%	0.065%
256	17.302	17.268	17.381	VV	211	7842	0.17%	0.070%
257	17.391	17.381	17.431	VV	157	2750	0.06%	0.024%
258	17.546	17.431	17.588	VV	2646	56404	1.19%	0.501%
259	17.601	17.588	17.645	VV	228	5542	0.12%	0.049%
260	17.651	17.645	17.661	VV	107	1187	0.03%	0.011%
261	17.698	17.661	17.785	VV	212	8329	0.18%	0.074%
262	17.826	17.785	17.908	PV	333	8580	0.18%	0.076%
263	17.969	17.908	18.061	PV	3499	65533	1.38%	0.582%
264	18.072	18.061	18.077	VV	124	724	0.02%	0.006%
265	18.085	18.077	18.136	VV	128	2974	0.06%	0.026%
266	18.179	18.136	18.201	VV	152	3529	0.07%	0.031%
267	18.249	18.201	18.261	PV	244	6661	0.14%	0.059%
268	18.267	18.261	18.291	VV	169	2331	0.05%	0.021%
269	18.301	18.291	18.309	VV	97	932	0.02%	0.008%
270	18.378	18.309	18.455	VV	2040	48291	1.02%	0.429%
271	18.538	18.455	18.547	PV	129	3534	0.07%	0.031%
272	18.558	18.547	18.571	VV	91	1018	0.02%	0.009%
273	18.575	18.571	18.605	VV	117	1035	0.02%	0.009%
274	18.775	18.605	18.851	PV	1686	34158	0.72%	0.304%
275	18.953	18.851	18.970	PV	300	9123	0.19%	0.081%
276	19.161	18.970	19.228	VV	1552	43711	0.92%	0.388%
277	19.238	19.228	19.244	VV	109	862	0.02%	0.008%
278	19.396	19.244	19.409	VV	420	19986	0.42%	0.178%
279	19.465	19.409	19.497	VV	546	21426	0.45%	0.190%
280	19.536	19.497	19.565	VV	1156	27154	0.57%	0.241%
281	19.741	19.565	19.753	VV	5507	73138	1.54%	0.650%
282	19.794	19.753	19.809	VV	1026	30330	0.64%	0.270%
283	19.899	19.809	19.941	VV	1921	91051	1.92%	0.809%
284	19.962	19.941	19.998	VV	1349	41816	0.88%	0.372%
285	20.254	19.998	20.287	VV	2447	276629	5.84%	2.458%
286	20.431	20.287	20.458	VV	2898	250724	5.29%	2.228%
287	20.612	20.458	20.658	VV	3449	348380	7.35%	3.096%
288	20.796	20.658	20.898	VV	2948	407306	8.59%	3.619%
289	20.941	20.898	20.985	VV	2624	133269	2.81%	1.184%
290	21.015	20.985	21.051	VV	2534	95704	2.02%	0.850%
291	21.314	21.051	21.421	VV	1919	436573	9.21%	3.879%
292	21.467	21.421	21.513	VV	1757	87530	1.85%	0.778%
293	21.534	21.513	21.576	VV	1375	48015	1.01%	0.427%
294	21.594	21.576	21.623	VV	1075	28975	0.61%	0.257%
295	21.799	21.623	21.843	VV	655	101011	2.13%	0.898%
296	21.906	21.843	21.956	VV	384	25561	0.54%	0.227%
297	21.979	21.956	22.083	VV	317	14519	0.31%	0.129%

Sum of corrected areas: 11253663

rteres

Aliphatic EPH 021125.M Wed Mar 05 23:13:17 2025

A
B
C
D
E
F
G
H
I
J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
 Data File : FD049164.D
 Signal(s) : FID2B.ch
 Acq On : 05 Mar 2025 19:04
 Operator : YP/AJ
 Sample : Q1488-14
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 ENV-104-GW01

Integration File: autoint1.e
 Quant Time: Mar 05 23:31:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.351	7709000	53.868 ug/ml
Spiked Amount 50.000		Recovery =	107.74%
6) S 2-Fluorobiphenyl (SURR)	8.201	4707811	53.551 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.10%
11) S ortho-Terphenyl (SURR)	11.235	7345608	45.407 ug/ml
Spiked Amount 50.000		Recovery =	90.81%

Target Compounds

(f)=RT Delta > 1/2 Window

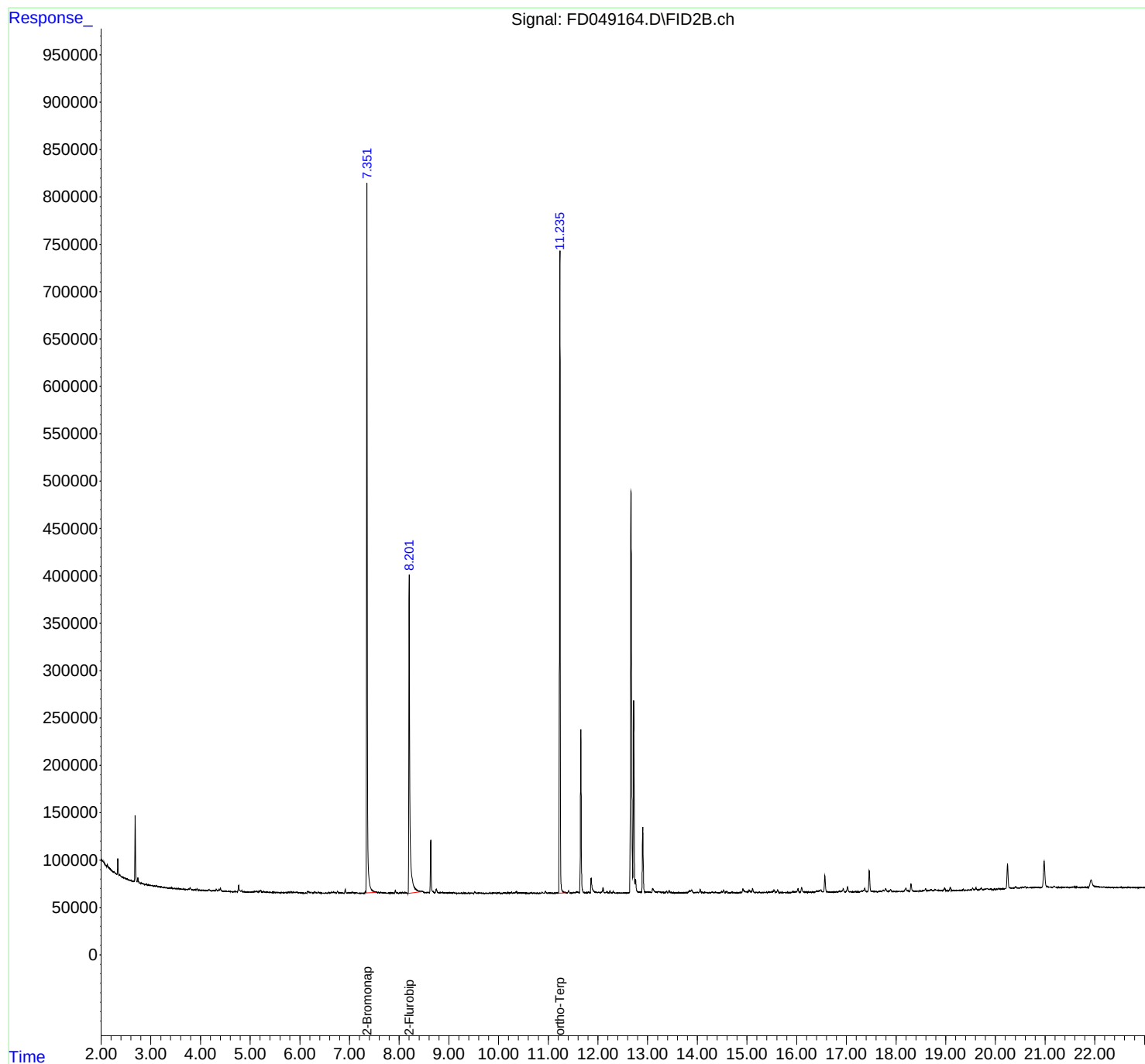
(m)=manual int.

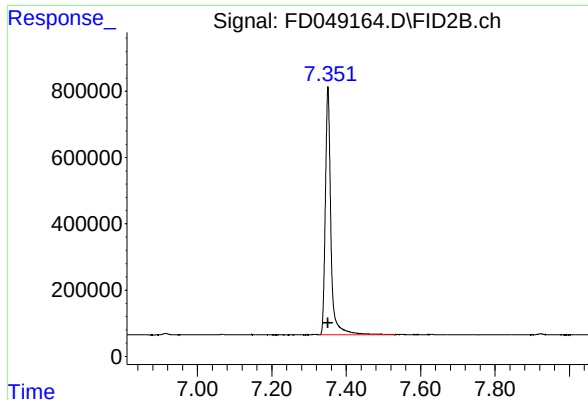
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
Data File : FD049164.D
Signal(s) : FID2B.ch
Acq On : 05 Mar 2025 19:04
Operator : YP/AJ
Sample : Q1488-14
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
ENV-104-GW01

Integration File: autoint1.e
Quant Time: Mar 05 23:31:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

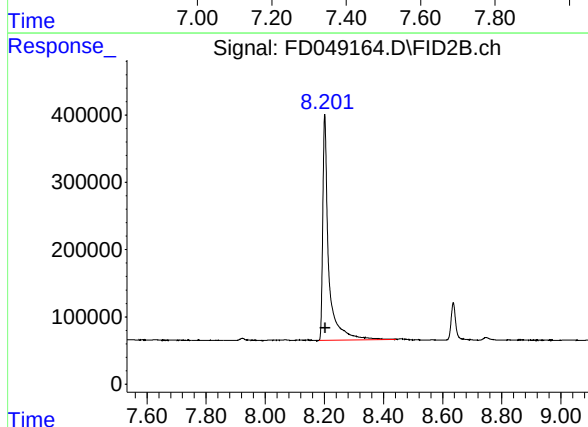




#4 2-Bromonaphthalene (SURR)

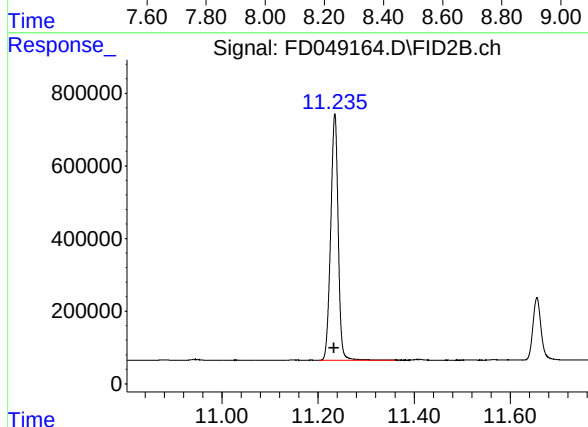
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 7709000
Conc: 53.87 ug/ml

Instrument :
FID_D
ClientSampleId :
ENV-104-GW01



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 4707811
Conc: 53.55 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: 0.002 min
Response: 7345608
Conc: 45.41 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
 Data File : FD049164.D
 Signal(s) : FID2B.ch
 Acq On : 05 Mar 2025 19:04
 Sample : Q1488-14
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.056	4.042	4.069	BV	202	1442	0.02%	0.003%
2	4.085	4.069	4.102	PV	255	1133	0.01%	0.003%
3	4.129	4.122	4.147	VV	170	1700	0.02%	0.004%
4	4.169	4.147	4.209	VV	1215	21632	0.28%	0.049%
5	4.221	4.209	4.227	VV	229	1722	0.02%	0.004%
6	4.231	4.227	4.237	VV	238	1074	0.01%	0.002%
7	4.264	4.237	4.285	VV	598	12146	0.16%	0.028%
8	4.291	4.285	4.300	VV	435	2413	0.03%	0.006%
9	4.318	4.300	4.359	VV	2181	31029	0.40%	0.071%
10	4.373	4.359	4.387	VV	2094	22522	0.29%	0.051%
11	4.402	4.387	4.462	VV	3510	48888	0.63%	0.112%
12	4.469	4.462	4.480	VV	280	2378	0.03%	0.005%
13	4.497	4.480	4.501	VV	619	4990	0.06%	0.011%
14	4.512	4.501	4.543	VV	725	11141	0.14%	0.025%
15	4.554	4.543	4.565	PV	176	1486	0.02%	0.003%
16	4.582	4.565	4.645	VV	536	10325	0.13%	0.024%
17	4.648	4.645	4.675	PV	189	2002	0.03%	0.005%
18	4.689	4.675	4.702	VV	476	5068	0.07%	0.012%
19	4.708	4.702	4.745	VV	387	7256	0.09%	0.017%
20	4.768	4.745	4.815	VV	7184	102939	1.32%	0.235%
21	4.828	4.815	4.854	VV	1590	21364	0.27%	0.049%
22	4.857	4.854	4.874	VV	472	4227	0.05%	0.010%
23	4.879	4.874	4.915	VV	474	7558	0.10%	0.017%
24	4.921	4.915	4.939	VV	347	3981	0.05%	0.009%
25	4.949	4.939	4.979	VV	334	6951	0.09%	0.016%
26	4.983	4.979	4.996	VV	249	1370	0.02%	0.003%
27	5.013	4.996	5.022	PV	408	2929	0.04%	0.007%
28	5.041	5.022	5.049	VV	466	5632	0.07%	0.013%
29	5.052	5.049	5.062	VV	430	2893	0.04%	0.007%
30	5.065	5.062	5.072	VV	452	2054	0.03%	0.005%
31	5.100	5.072	5.107	VV	1008	16942	0.22%	0.039%
32	5.112	5.107	5.131	VV	1057	13025	0.17%	0.030%
33	5.137	5.131	5.166	VV	983	16100	0.21%	0.037%
34	5.183	5.166	5.200	VV	1602	22500	0.29%	0.051%
35	5.213	5.200	5.239	VV	2349	31705	0.41%	0.072%
36	5.242	5.239	5.255	VV	531	4513	0.06%	0.010%

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37	5.269	5.255	5.306	VV	1031	17707	0.23%	0.040%
38	5.311	5.306	5.325	VV	378	3543	0.05%	0.008%
39	5.345	5.325	5.359	VV	604	9828	0.13%	0.022%
40	5.366	5.359	5.371	VV	505	3303	0.04%	0.008%
41	5.377	5.371	5.398	VV	538	5627	0.07%	0.013%
42	5.403	5.398	5.427	VV	311	4402	0.06%	0.010%
43	5.432	5.427	5.444	VV	317	2093	0.03%	0.005%
44	5.466	5.444	5.474	VV	555	5070	0.07%	0.012%
45	5.483	5.474	5.508	VV	301	5058	0.06%	0.012%
46	5.512	5.508	5.548	VV	390	6196	0.08%	0.014%
47	5.553	5.548	5.578	VV	254	2309	0.03%	0.005%
48	5.589	5.578	5.597	VV	168	1219	0.02%	0.003%
49	5.609	5.597	5.614	VV	172	1334	0.02%	0.003%
50	5.630	5.620	5.656	VV	296	4184	0.05%	0.010%
51	5.664	5.656	5.675	VV	298	2638	0.03%	0.006%
52	5.693	5.675	5.709	VV	398	5541	0.07%	0.013%
53	5.743	5.709	5.749	VV	536	9023	0.12%	0.021%
54	5.778	5.749	5.803	VV	744	16595	0.21%	0.038%
55	5.819	5.803	5.863	VV	1267	26844	0.34%	0.061%
56	5.870	5.863	5.899	VV	844	11890	0.15%	0.027%
57	5.902	5.899	5.909	VV	538	2739	0.04%	0.006%
58	5.942	5.909	5.985	VV	887	26482	0.34%	0.060%
59	5.989	5.985	6.008	VV	445	4532	0.06%	0.010%
60	6.022	6.008	6.053	VV	387	5279	0.07%	0.012%
61	6.060	6.053	6.066	VV	290	1034	0.01%	0.002%
62	6.086	6.073	6.094	PV	272	2005	0.03%	0.005%
63	6.108	6.094	6.122	VV	195	1871	0.02%	0.004%
64	6.129	6.122	6.137	VV	310	1683	0.02%	0.004%
65	6.159	6.137	6.205	VV	2141	41672	0.54%	0.095%
66	6.223	6.205	6.254	VV	1395	20961	0.27%	0.048%
67	6.267	6.254	6.282	VV	699	9480	0.12%	0.022%
68	6.299	6.282	6.324	VV	1904	30692	0.39%	0.070%
69	6.329	6.324	6.353	VV	729	9102	0.12%	0.021%
70	6.371	6.353	6.420	VV	1098	21521	0.28%	0.049%
71	6.425	6.420	6.434	VV	231	1598	0.02%	0.004%
72	6.447	6.434	6.466	PV	378	4573	0.06%	0.010%
73	6.472	6.466	6.490	VV	227	2643	0.03%	0.006%
74	6.511	6.490	6.517	VV	522	5484	0.07%	0.013%
75	6.522	6.517	6.534	VV	480	3378	0.04%	0.008%
76	6.541	6.534	6.565	VV	325	3878	0.05%	0.009%
77	6.583	6.565	6.609	VV	1084	15655	0.20%	0.036%
78	6.633	6.609	6.644	VV	1076	14234	0.18%	0.032%
79	6.651	6.644	6.660	VV	985	9377	0.12%	0.021%
80	6.681	6.660	6.702	VV	1644	29615	0.38%	0.068%
81	6.709	6.702	6.734	VV	1012	13777	0.18%	0.031%
82	6.758	6.734	6.803	VV	2234	38850	0.50%	0.089%
83	6.809	6.803	6.813	VV	507	2369	0.03%	0.005%
84	6.820	6.813	6.830	VV	441	3622	0.05%	0.008%
85	6.850	6.830	6.873	VV	603	9905	0.13%	0.023%
86	6.915	6.894	6.942	VV	4366	49590	0.64%	0.113%
87	6.945	6.942	6.954	VV	342	1757	0.02%	0.004%
88	6.964	6.954	6.968	VV	344	2323	0.03%	0.005%
89	6.988	6.968	7.016	VV	923	16074	0.21%	0.037%

					rt	Area	Height	%Area	%Height
90	7.028	7.016	7.037	VV	814	7764	0.10%	0.018%	
91	7.040	7.037	7.051	VV	668	5187	0.07%	0.012%	
92	7.065	7.051	7.101	VV	1266	23931	0.31%	0.055%	
93	7.118	7.101	7.132	VV	791	10368	0.13%	0.024%	
94	7.148	7.132	7.167	VV	1099	13126	0.17%	0.030%	
95	7.170	7.167	7.176	VV	346	1446	0.02%	0.003%	
96	7.182	7.176	7.189	VV	281	1692	0.02%	0.004%	
97	7.198	7.189	7.217	VV	337	2593	0.03%	0.006%	
98	7.221	7.217	7.235	VV	424	2061	0.03%	0.005%	
99	7.239	7.235	7.245	VV	218	1008	0.01%	0.002%	
100	7.250	7.245	7.257	VV	284	1368	0.02%	0.003%	
101	7.266	7.257	7.295	VV	371	4610	0.06%	0.011%	
102	7.315	7.295	7.327	VV	1647	16805	0.22%	0.038%	
103	7.351	7.327	7.511	VV	746687	7783871	100.00%	17.765%	
104	7.515	7.511	7.533	VV	1507	17775	0.23%	0.041%	
105	7.541	7.533	7.569	VV	1285	23838	0.31%	0.054%	
106	7.571	7.569	7.576	VV	889	4119	0.05%	0.009%	
107	7.586	7.576	7.607	VV	985	16754	0.22%	0.038%	
108	7.629	7.607	7.665	VV	1295	29831	0.38%	0.068%	
109	7.684	7.665	7.759	VV	784	30570	0.39%	0.070%	
110	7.776	7.759	7.809	VV	529	10844	0.14%	0.025%	
111	7.814	7.809	7.825	VV	499	3625	0.05%	0.008%	
112	7.839	7.825	7.861	VV	470	8893	0.11%	0.020%	
113	7.879	7.861	7.902	VV	378	8201	0.11%	0.019%	
114	7.923	7.902	7.961	VV	3382	48773	0.63%	0.111%	
115	7.967	7.961	7.990	VV	565	5879	0.08%	0.013%	
116	8.016	7.990	8.027	VV	716	10408	0.13%	0.024%	
117	8.035	8.027	8.050	VV	774	10149	0.13%	0.023%	
118	8.069	8.050	8.095	VV	1127	19162	0.25%	0.044%	
119	8.117	8.095	8.134	VV	914	14782	0.19%	0.034%	
120	8.147	8.134	8.180	VV	947	13387	0.17%	0.031%	
121	8.202	8.180	8.404	VV	334695	4809796	61.79%	10.977%	
122	8.410	8.404	8.442	VV	2317	49820	0.64%	0.114%	
123	8.459	8.442	8.505	VV	2619	70783	0.91%	0.162%	
124	8.513	8.505	8.537	VV	1266	19560	0.25%	0.045%	
125	8.564	8.537	8.607	VV	1258	37992	0.49%	0.087%	
126	8.636	8.607	8.722	VV	56509	658265	8.46%	1.502%	
127	8.747	8.722	8.806	VV	4669	94990	1.22%	0.217%	
128	8.823	8.806	8.845	VV	1183	22359	0.29%	0.051%	
129	8.870	8.845	8.902	VV	1211	29536	0.38%	0.067%	
130	8.924	8.902	8.942	VV	854	15355	0.20%	0.035%	
131	8.949	8.942	8.992	VV	822	16571	0.21%	0.038%	
132	9.017	8.992	9.074	VV	999	31865	0.41%	0.073%	
133	9.095	9.074	9.158	VV	1245	22761	0.29%	0.052%	
134	9.193	9.158	9.230	VV	433	12473	0.16%	0.028%	
135	9.252	9.230	9.285	VV	616	11236	0.14%	0.026%	
136	9.307	9.285	9.365	VV	783	12834	0.16%	0.029%	
137	9.385	9.365	9.426	PV	466	12136	0.16%	0.028%	
138	9.449	9.426	9.495	VV	581	13781	0.18%	0.031%	
139	9.521	9.495	9.572	VV	1838	30773	0.40%	0.070%	
140	9.588	9.572	9.639	VV	718	19760	0.25%	0.045%	
141	9.647	9.639	9.674	VV	541	5867	0.08%	0.013%	

					rteres			
142	9.687	9.674	9.727	VV	377	5498	0.07%	0.013%
143	9.783	9.727	9.804	VV	459	12423	0.16%	0.028%
144	9.822	9.804	9.849	VV	634	10412	0.13%	0.024%
145	9.908	9.849	9.925	VV	782	19027	0.24%	0.043%
146	9.933	9.925	9.959	VV	420	7984	0.10%	0.018%
147	9.976	9.959	9.989	VV	504	7397	0.10%	0.017%
148	10.013	9.989	10.037	VV	1118	19098	0.25%	0.044%
149	10.047	10.037	10.060	VV	399	4316	0.06%	0.010%
150	10.103	10.060	10.132	VV	829	20135	0.26%	0.046%
151	10.138	10.132	10.159	VV	492	6080	0.08%	0.014%
152	10.187	10.159	10.208	VV	1037	19432	0.25%	0.044%
153	10.222	10.208	10.239	VV	539	9416	0.12%	0.021%
154	10.256	10.239	10.280	VV	1350	21065	0.27%	0.048%
155	10.293	10.280	10.312	VV	746	11046	0.14%	0.025%
156	10.363	10.312	10.389	VV	2239	52804	0.68%	0.121%
157	10.406	10.389	10.422	VV	640	10777	0.14%	0.025%
158	10.433	10.422	10.444	VV	641	7714	0.10%	0.018%
159	10.455	10.444	10.485	VV	787	13114	0.17%	0.030%
160	10.528	10.485	10.559	VV	648	20003	0.26%	0.046%
161	10.565	10.559	10.585	VV	472	5295	0.07%	0.012%
162	10.603	10.585	10.616	VV	479	6165	0.08%	0.014%
163	10.634	10.616	10.646	VV	671	8514	0.11%	0.019%
164	10.663	10.646	10.684	VV	989	13711	0.18%	0.031%
165	10.712	10.684	10.739	VV	507	11651	0.15%	0.027%
166	10.763	10.739	10.784	VV	376	7769	0.10%	0.018%
167	10.798	10.784	10.818	VV	309	5731	0.07%	0.013%
168	10.847	10.818	10.862	VV	515	9487	0.12%	0.022%
169	10.880	10.862	10.915	VV	1406	23205	0.30%	0.053%
170	10.944	10.915	10.980	VV	2483	43001	0.55%	0.098%
171	10.988	10.980	11.012	VV	628	10227	0.13%	0.023%
172	11.030	11.012	11.054	VV	751	14650	0.19%	0.033%
173	11.062	11.054	11.078	VV	538	6072	0.08%	0.014%
174	11.091	11.078	11.120	VV	580	8794	0.11%	0.020%
175	11.148	11.120	11.170	VV	892	17594	0.23%	0.040%
176	11.185	11.170	11.201	VV	790	11027	0.14%	0.025%
177	11.235	11.201	11.385	VV	681535	7405929	95.14%	16.902%
178	11.410	11.385	11.449	VV	2570	47914	0.62%	0.109%
179	11.469	11.449	11.478	VV	721	10991	0.14%	0.025%
180	11.514	11.478	11.545	VV	1402	35425	0.46%	0.081%
181	11.565	11.545	11.583	VV	1850	30773	0.40%	0.070%
182	11.595	11.583	11.625	VV	1635	31508	0.40%	0.072%
183	11.656	11.625	11.725	VV	173007	2068559	26.57%	4.721%
184	11.737	11.725	11.777	VV	1131	30912	0.40%	0.071%
185	11.812	11.777	11.841	VV	1545	41318	0.53%	0.094%
186	11.865	11.841	11.981	VV	16127	356745	4.58%	0.814%
187	11.989	11.981	12.010	VV	1205	20679	0.27%	0.047%
188	12.022	12.010	12.054	VV	1250	29364	0.38%	0.067%
189	12.102	12.054	12.147	VV	6178	121076	1.56%	0.276%
190	12.181	12.147	12.209	VV	2224	45171	0.58%	0.103%
191	12.243	12.209	12.283	VV	3173	56826	0.73%	0.130%
192	12.309	12.283	12.344	VV	2163	42521	0.55%	0.097%
193	12.356	12.344	12.399	VV	755	20479	0.26%	0.047%
194	12.402	12.399	12.461	VV	618	19121	0.25%	0.044%

					rteres			
195	12.492	12.461	12.502	VV	676	14113	0.18%	0.032%
196	12.512	12.502	12.542	VV	785	15789	0.20%	0.036%
197	12.553	12.542	12.561	VV	657	6712	0.09%	0.015%
198	12.571	12.561	12.584	VV	652	7479	0.10%	0.017%
199	12.612	12.584	12.628	VV	878	18731	0.24%	0.043%
200	12.666	12.628	12.700	VV	424226	6464541	83.05%	14.754%
201	12.721	12.700	12.745	VV	203391	2436791	31.31%	5.561%
202	12.756	12.745	12.815	VV	15195	251568	3.23%	0.574%
203	12.831	12.815	12.874	VV	1644	48812	0.63%	0.111%
204	12.902	12.874	12.952	VV	70138	917323	11.78%	2.094%
205	12.974	12.952	13.007	VV	1967	56288	0.72%	0.128%
206	13.027	13.007	13.080	VV	1920	63841	0.82%	0.146%
207	13.100	13.080	13.196	VV	5116	175436	2.25%	0.400%
208	13.222	13.196	13.292	VV	2159	89975	1.16%	0.205%
209	13.302	13.292	13.320	VV	1374	20862	0.27%	0.048%
210	13.332	13.320	13.360	VV	1192	26674	0.34%	0.061%
211	13.381	13.360	13.412	VV	2572	47900	0.62%	0.109%
212	13.433	13.412	13.457	VV	3279	51271	0.66%	0.117%
213	13.474	13.457	13.510	VV	1447	33913	0.44%	0.077%
214	13.527	13.510	13.537	VV	1035	14544	0.19%	0.033%
215	13.541	13.537	13.565	VV	984	13723	0.18%	0.031%
216	13.589	13.565	13.600	VV	883	17289	0.22%	0.039%
217	13.609	13.600	13.635	VV	936	16267	0.21%	0.037%
218	13.687	13.635	13.697	VV	940	31156	0.40%	0.071%
219	13.726	13.697	13.746	VV	1120	26259	0.34%	0.060%
220	13.804	13.746	13.813	VV	1199	40204	0.52%	0.092%
221	13.843	13.813	13.860	VV	2844	62618	0.80%	0.143%
222	13.886	13.860	13.974	VV	3598	124895	1.60%	0.285%
223	13.995	13.974	14.017	VV	1549	30547	0.39%	0.070%
224	14.057	14.017	14.100	VV	4413	99118	1.27%	0.226%
225	14.111	14.100	14.121	VV	1171	14427	0.19%	0.033%
226	14.133	14.121	14.144	VV	1164	15261	0.20%	0.035%
227	14.157	14.144	14.178	VV	1396	22716	0.29%	0.052%
228	14.192	14.178	14.227	VV	1262	27952	0.36%	0.064%
229	14.247	14.227	14.262	VV	1074	19325	0.25%	0.044%
230	14.297	14.262	14.327	VV	1627	47167	0.61%	0.108%
231	14.335	14.327	14.344	VV	1191	11403	0.15%	0.026%
232	14.371	14.344	14.459	VV	1679	76943	0.99%	0.176%
233	14.487	14.459	14.509	VV	2417	48027	0.62%	0.110%
234	14.531	14.509	14.566	VV	3689	69786	0.90%	0.159%
235	14.590	14.566	14.667	VV	2648	77742	1.00%	0.177%
236	14.698	14.667	14.722	VV	1477	38031	0.49%	0.087%
237	14.734	14.722	14.749	VV	1142	15941	0.20%	0.036%
238	14.756	14.749	14.783	VV	1016	18298	0.24%	0.042%
239	14.795	14.783	14.805	VV	876	10333	0.13%	0.024%
240	14.852	14.805	14.875	VV	1017	39584	0.51%	0.090%
241	14.917	14.875	15.000	VV	5099	185661	2.39%	0.424%
242	15.010	15.000	15.025	VV	1842	25443	0.33%	0.058%
243	15.046	15.025	15.090	VV	3777	93478	1.20%	0.213%
244	15.112	15.090	15.164	VV	5350	110643	1.42%	0.253%
245	15.194	15.164	15.220	VV	1523	42974	0.55%	0.098%
246	15.242	15.220	15.280	VV	1460	45554	0.59%	0.104%

					rteres			
247	15.290	15.280	15.317	VV	1113	22921	0.29%	0.052%
248	15.338	15.317	15.349	VV	1212	21910	0.28%	0.050%
249	15.364	15.349	15.384	VV	1265	25757	0.33%	0.059%
250	15.394	15.384	15.410	VV	1344	20374	0.26%	0.046%
251	15.443	15.410	15.475	VV	1545	51547	0.66%	0.118%
252	15.509	15.475	15.525	VV	2503	55036	0.71%	0.126%
253	15.545	15.525	15.573	VV	4025	72719	0.93%	0.166%
254	15.584	15.573	15.591	VV	1495	15715	0.20%	0.036%
255	15.615	15.591	15.671	VV	4128	98300	1.26%	0.224%
256	15.688	15.671	15.724	VV	1327	37270	0.48%	0.085%
257	15.739	15.724	15.771	VV	1303	34062	0.44%	0.078%
258	15.807	15.771	15.847	VV	1427	51909	0.67%	0.118%
259	15.930	15.847	15.970	VV	2087	111618	1.43%	0.255%
260	16.024	15.970	16.064	VV	5090	142895	1.84%	0.326%
261	16.099	16.064	16.215	VV	6571	212163	2.73%	0.484%
262	16.238	16.215	16.285	VV	1603	60177	0.77%	0.137%
263	16.309	16.285	16.324	VV	1594	34172	0.44%	0.078%
264	16.350	16.324	16.364	VV	1591	35549	0.46%	0.081%
265	16.402	16.364	16.435	VV	2890	97524	1.25%	0.223%
266	16.454	16.435	16.467	VV	3167	54335	0.70%	0.124%
267	16.487	16.467	16.513	VV	4127	83748	1.08%	0.191%
268	16.566	16.513	16.700	VV	19081	441689	5.67%	1.008%
269	16.711	16.700	16.746	VV	1607	41908	0.54%	0.096%
270	16.760	16.746	16.779	VV	1599	31010	0.40%	0.071%
271	16.797	16.779	16.828	VV	1808	51078	0.66%	0.117%
272	16.864	16.828	16.893	VV	2545	86003	1.10%	0.196%
273	16.936	16.893	16.974	VV	5365	143636	1.85%	0.328%
274	17.023	16.974	17.064	VV	7351	179806	2.31%	0.410%
275	17.077	17.064	17.108	VV	1988	49290	0.63%	0.112%
276	17.117	17.108	17.158	VV	1868	53918	0.69%	0.123%
277	17.191	17.158	17.204	VV	1964	50009	0.64%	0.114%
278	17.224	17.204	17.235	VV	1927	34708	0.45%	0.079%
279	17.252	17.235	17.269	VV	1945	36955	0.47%	0.084%
280	17.309	17.269	17.322	VV	2844	75495	0.97%	0.172%
281	17.370	17.322	17.399	VV	5234	159000	2.04%	0.363%
282	17.410	17.399	17.421	VV	2127	27413	0.35%	0.063%
283	17.460	17.421	17.500	VV	24127	415050	5.33%	0.947%
284	17.521	17.500	17.558	VV	2660	83674	1.07%	0.191%
285	17.578	17.558	17.599	VV	2456	54188	0.70%	0.124%
286	17.604	17.599	17.616	VV	2114	21118	0.27%	0.048%
287	17.668	17.616	17.703	VV	2640	116717	1.50%	0.266%
288	17.739	17.703	17.767	VV	4032	116392	1.50%	0.266%
289	17.791	17.767	17.837	VV	5287	148126	1.90%	0.338%
290	17.890	17.837	17.925	VV	4445	159318	2.05%	0.364%
291	17.934	17.925	17.964	VV	2368	53015	0.68%	0.121%
292	17.968	17.964	17.980	VV	2409	22428	0.29%	0.051%
293	17.987	17.980	18.000	VV	2292	26920	0.35%	0.061%
294	18.010	18.000	18.024	VV	2357	31301	0.40%	0.071%
295	18.041	18.024	18.073	VV	2412	69509	0.89%	0.159%
296	18.084	18.073	18.098	VV	2337	33973	0.44%	0.078%
297	18.111	18.098	18.140	VV	2416	58513	0.75%	0.134%
298	18.197	18.140	18.227	VV	5883	192231	2.47%	0.439%
299	18.233	18.227	18.264	VV	3164	62869	0.81%	0.143%

rteres								
300	18.301	18.264	18.349	VV	10406	244660	3.14%	0.558%
301	18.356	18.349	18.377	VV	2824	45311	0.58%	0.103%
302	18.415	18.377	18.429	VV	2692	81044	1.04%	0.185%
303	18.444	18.429	18.470	VV	2790	67292	0.86%	0.154%
304	18.539	18.470	18.550	VV	3161	137737	1.77%	0.314%
305	18.595	18.550	18.647	VV	5078	214477	2.76%	0.489%
306	18.708	18.647	18.750	VBA	4181	220743	2.84%	0.504%
Sum of corrected areas:						43816009		

Aromatic EPH 021125.M Wed Mar 05 23:54:16 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030525AL\
Data File : FC068369.D
Signal(s) : FID1A.ch
Acq On : 05 Mar 2025 15:58
Operator : YP/AJ
Sample : PB166976BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB166976BL

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
Quant Time: Mar 05 22:32:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.835	4498831	39.999 ug/ml
Spiked Amount	50.000	Recovery	= 80.00%

Target Compounds

(f)=RT Delta > 1/2 Window

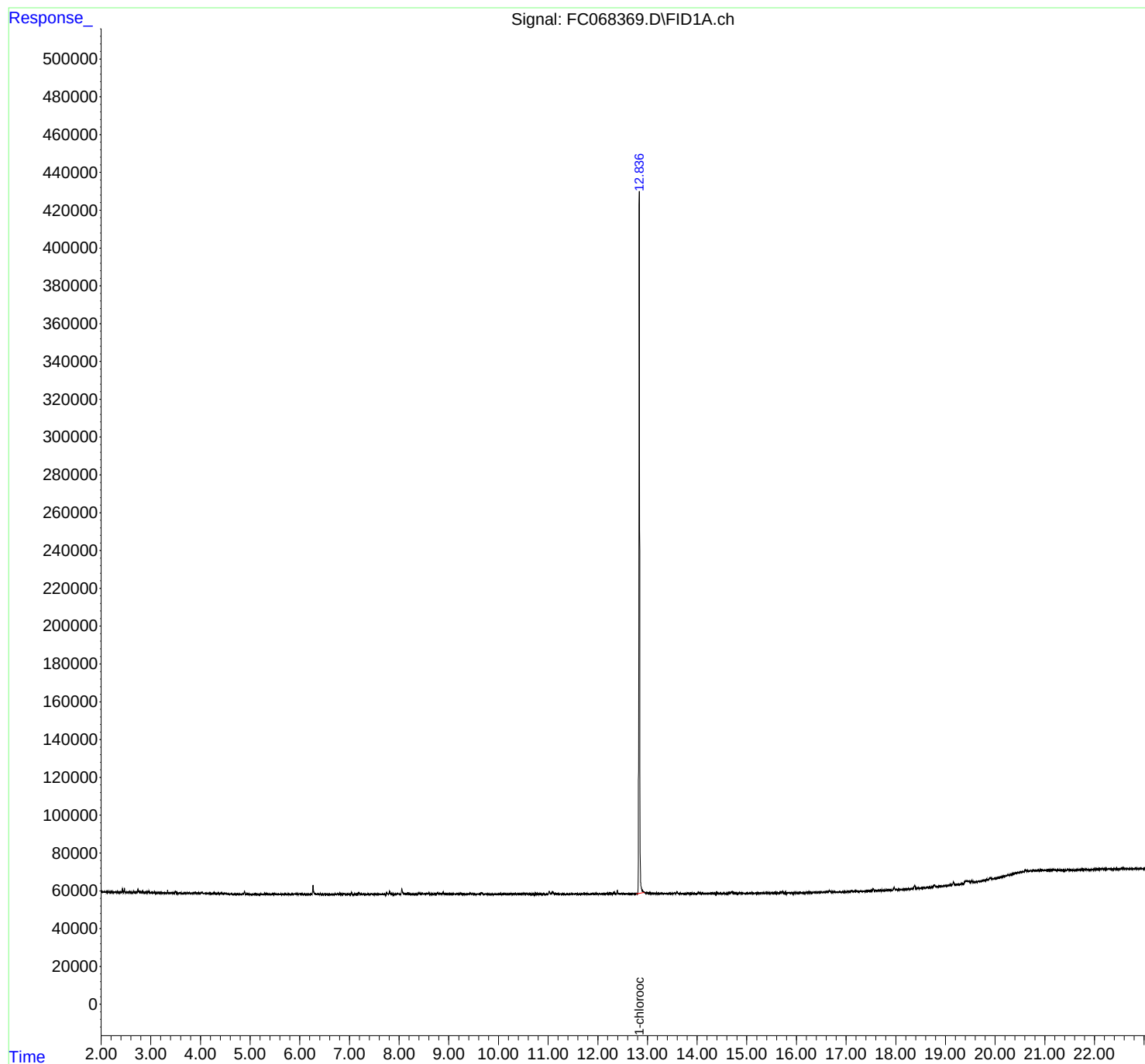
(m)=manual int.

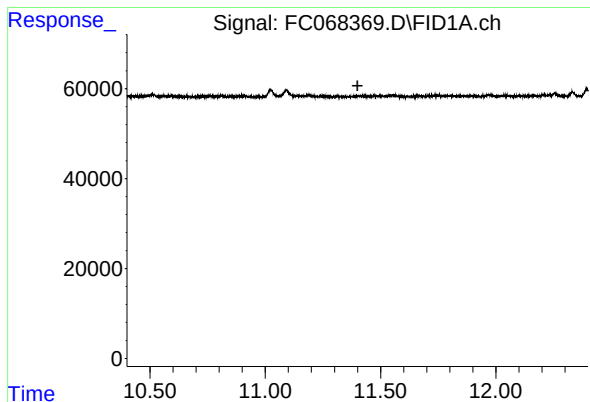
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030525AL\
Data File : FC068369.D
Signal(s) : FID1A.ch
Acq On : 05 Mar 2025 15:58
Operator : YP/AJ
Sample : PB166976BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB166976BL

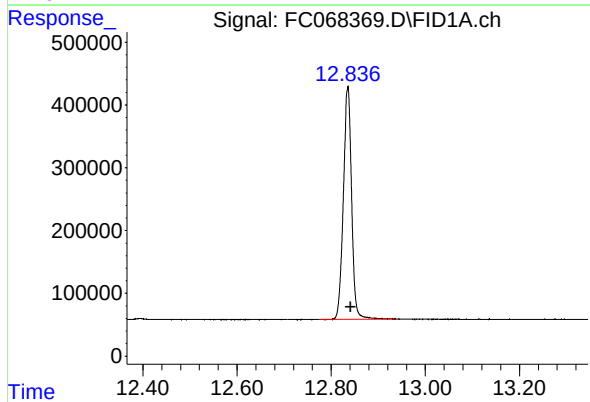
Integration File: autoint1.e
Quant Time: Mar 05 22:32:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





Instrument :
FID_C
ClientSampleId :
PB166976BL



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030525AL\
 Data File : FC068369.D
 Signal(s) : FID1A.ch
 Acq On : 05 Mar 2025 15:58
 Sample : PB166976BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	12.835	12.774	12.938	BB	370023	4498831	100.00%	100.000%
Sum of corrected areas:						4498831		

Aliphatic EPH 021125.M Wed Mar 05 23:05:58 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
 Data File : FD049159.D
 Signal(s) : FID2B.ch
 Acq On : 05 Mar 2025 15:58
 Operator : YP/AJ
 Sample : PB166976BL
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166976BL

Integration File: autoint1.e
 Quant Time: Mar 05 23:29:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.351	8157579	57.003 ug/ml
Spiked Amount 50.000		Recovery =	114.01%
6) S 2-Fluorobiphenyl (SURR)	8.202	5123276	58.277 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	116.55%
11) S ortho-Terphenyl (SURR)	11.235	8019786	49.574 ug/ml
Spiked Amount 50.000		Recovery =	99.15%

Target Compounds

(f)=RT Delta > 1/2 Window

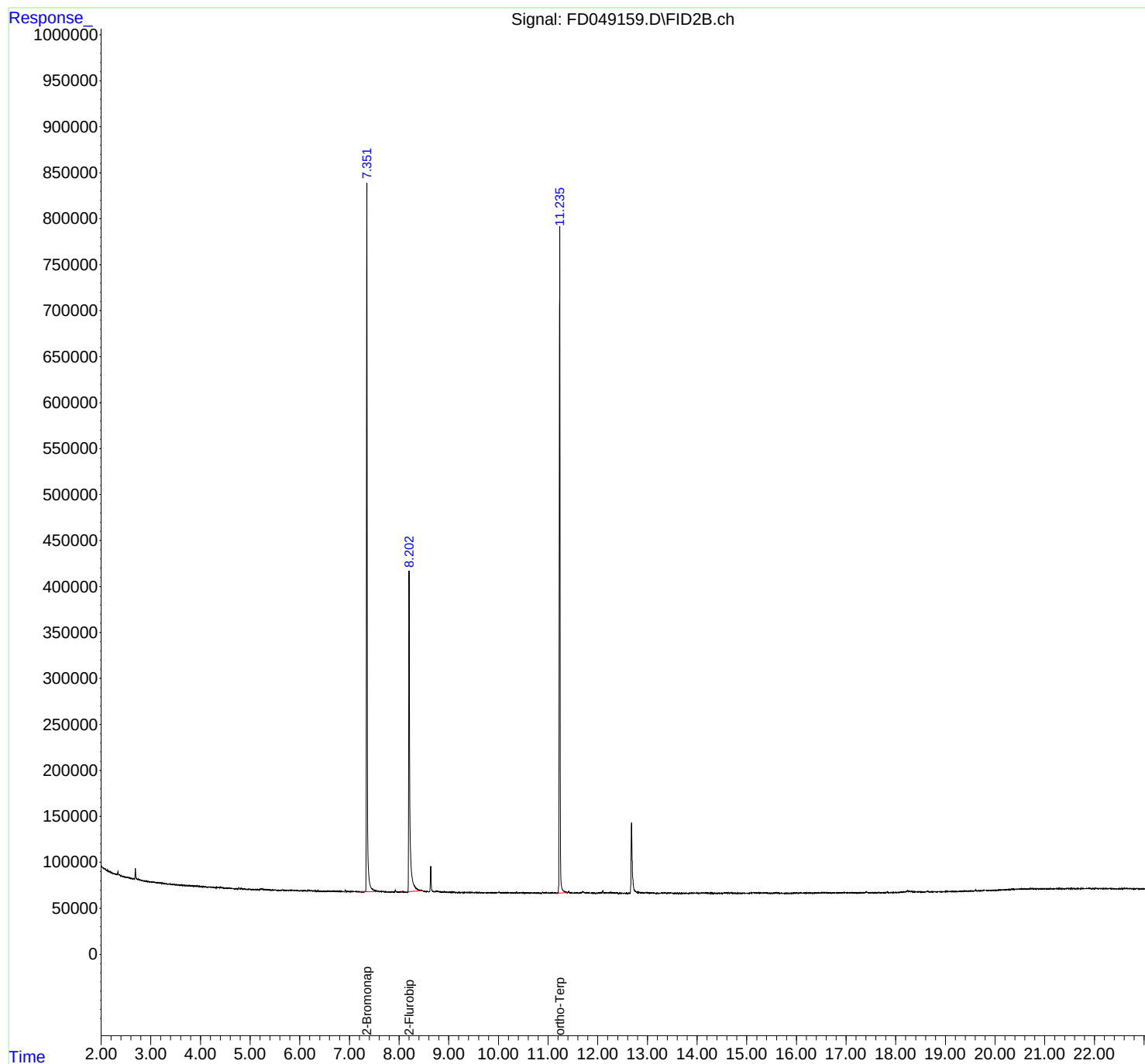
(m)=manual int.

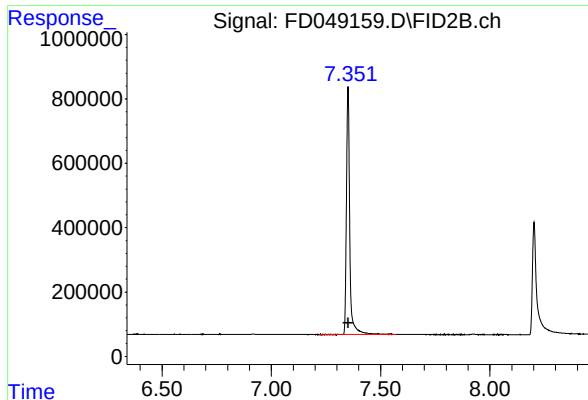
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
Data File : FD049159.D
Signal(s) : FID2B.ch
Acq On : 05 Mar 2025 15:58
Operator : YP/AJ
Sample : PB166976BL
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB166976BL

Integration File: autoint1.e
Quant Time: Mar 05 23:29:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

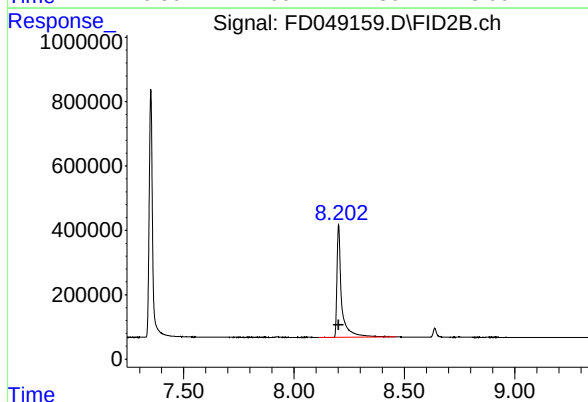




#4 2-Bromonaphthalene (SURR)

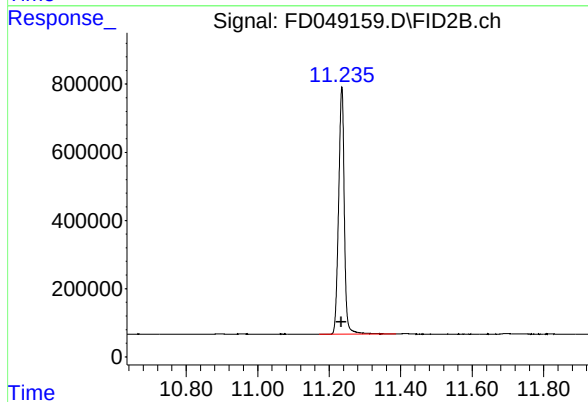
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 8157579
Conc: 57.00 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166976BL



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 5123276
Conc: 58.28 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: 0.002 min
Response: 8019786
Conc: 49.57 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
Data File : FD049159.D
Signal(s) : FID2B.ch
Acq On : 05 Mar 2025 15:58
Sample : PB166976BL
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	7.351	7.218	7.570	BB	768953	8157579	100.00%	38.297%
2	8.202	8.113	8.462	BB	348909	5123276	62.80%	24.052%
3	11.235	11.172	11.387	BV	725284	8019786	98.31%	37.650%
Sum of corrected areas:						21300641		

Aromatic EPH 021125.M Wed Mar 05 23:45:21 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015629.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 16:47
 Operator : YP\AJ
 Sample : PB167058BL
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB167058BL

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Mar 11 03:21:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.986	6103809	52.432 ug/ml
Spiked Amount 50.000		Recovery =	104.86%
6) S 2-Fluorobiphenyl (SURR)	8.864	3965538	55.671 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.34%
11) S ortho-Terphenyl (SURR)	11.928	6277057	42.671 ug/ml
Spiked Amount 50.000		Recovery =	85.34%

Target Compounds

(f)=RT Delta > 1/2 Window

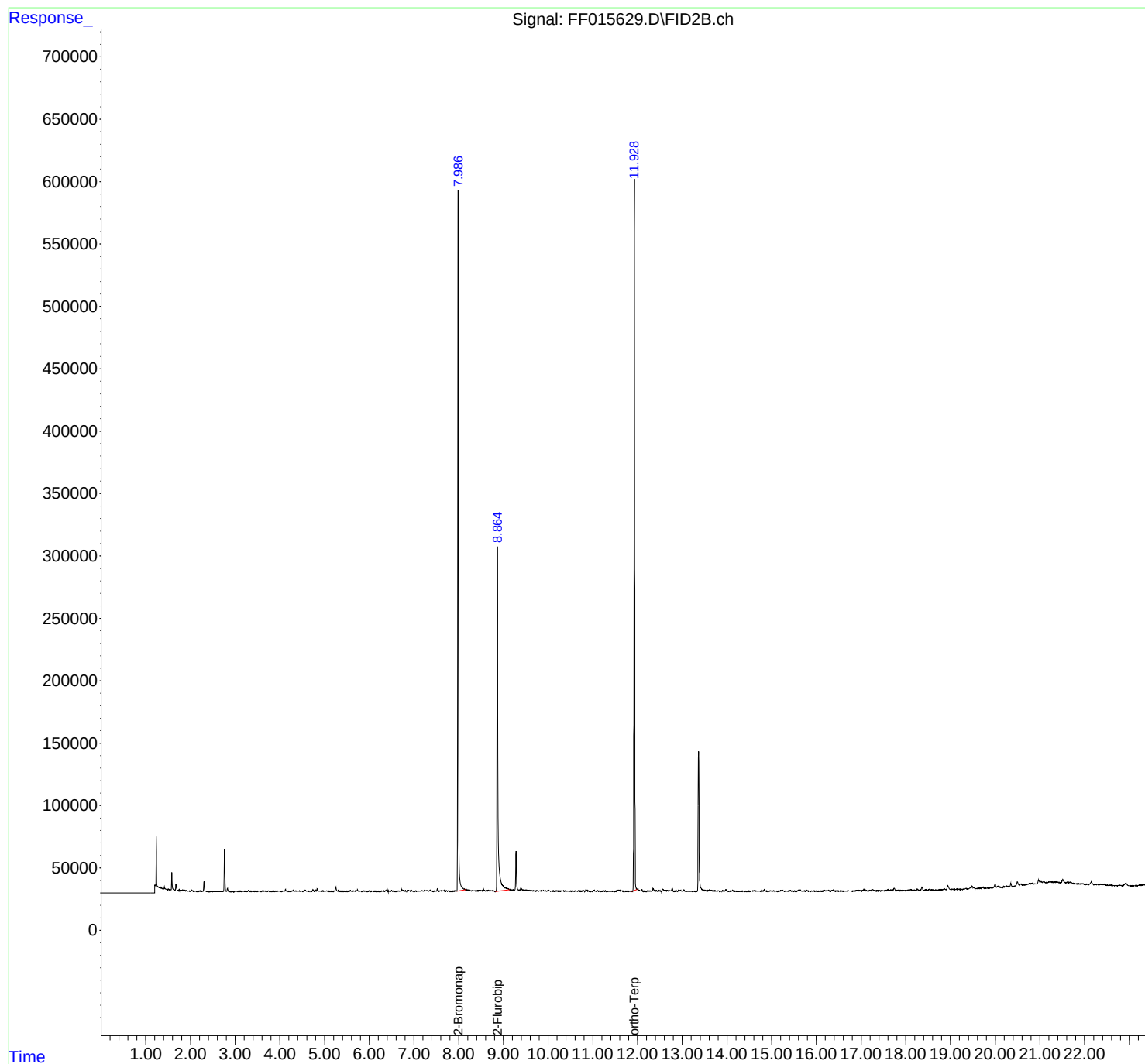
(m)=manual int.

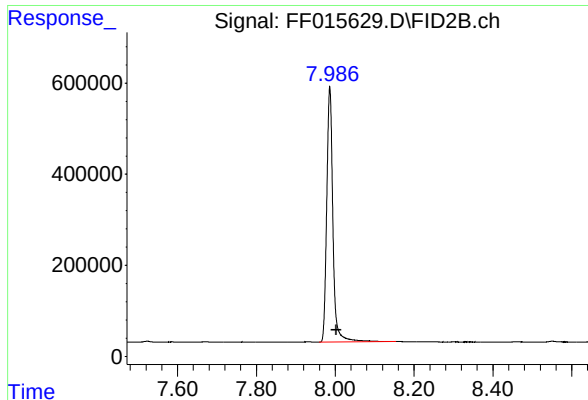
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
Data File : FF015629.D
Signal(s) : FID2B.ch
Acq On : 10 Mar 2025 16:47
Operator : YP\AJ
Sample : PB167058BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB167058BL

Integration File: autoint1.e
Quant Time: Mar 11 03:21:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Quant Title : GC Extractables
QLast Update : Wed Feb 26 12:36:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

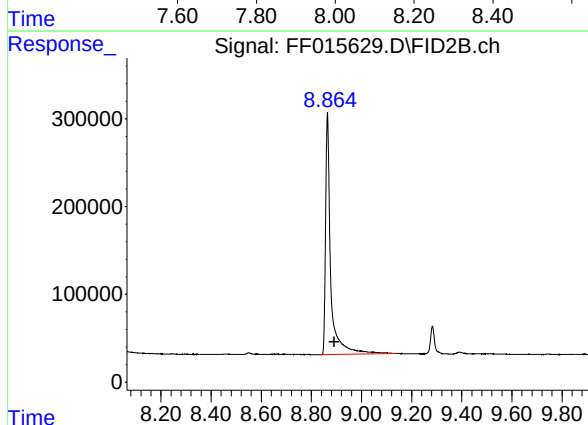




#4 2-Bromonaphthalene (SURR)

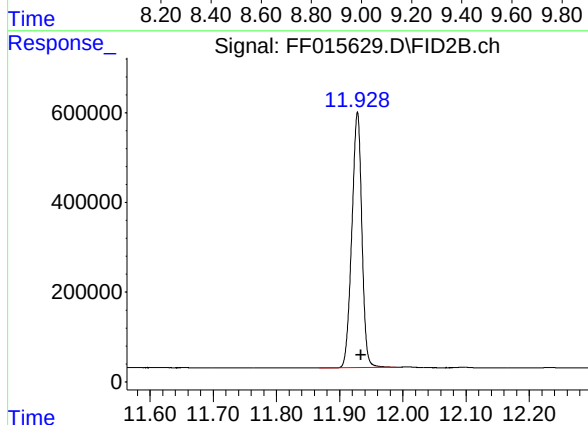
R.T.: 7.986 min
Delta R.T.: -0.017 min
Response: 6103809
Conc: 52.43 ug/ml

Instrument :
FID_F
ClientSampleId :
PB167058BL



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.864 min
Delta R.T.: -0.027 min
Response: 3965538
Conc: 55.67 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: -0.005 min
Response: 6277057
Conc: 42.67 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015629.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 16:47
 Sample : PB167058BL
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	7.986	7.959	8.154	BB	561935	6103809	97.24%	37.340%
2	8.864	8.831	9.137	BB	275614	3965538	63.18%	24.259%
3	11.928	11.867	11.989	BV	569136	6277057	100.00%	38.400%
Sum of corrected areas:						16346404		

Aromatic EPH 022625.M Tue Mar 11 03:57:44 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052708.D
Signal(s) : FID1B.ch
Acq On : 10 Mar 2025 20:02
Operator : YP\AJ
Sample : PB167058BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB167058BL

Integration File: autoint1.e
Quant Time: Mar 11 05:22:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.358	4505970	37.109 ug/ml
Spiked Amount	50.000	Recovery	= 74.22%

Target Compounds

(f)=RT Delta > 1/2 Window

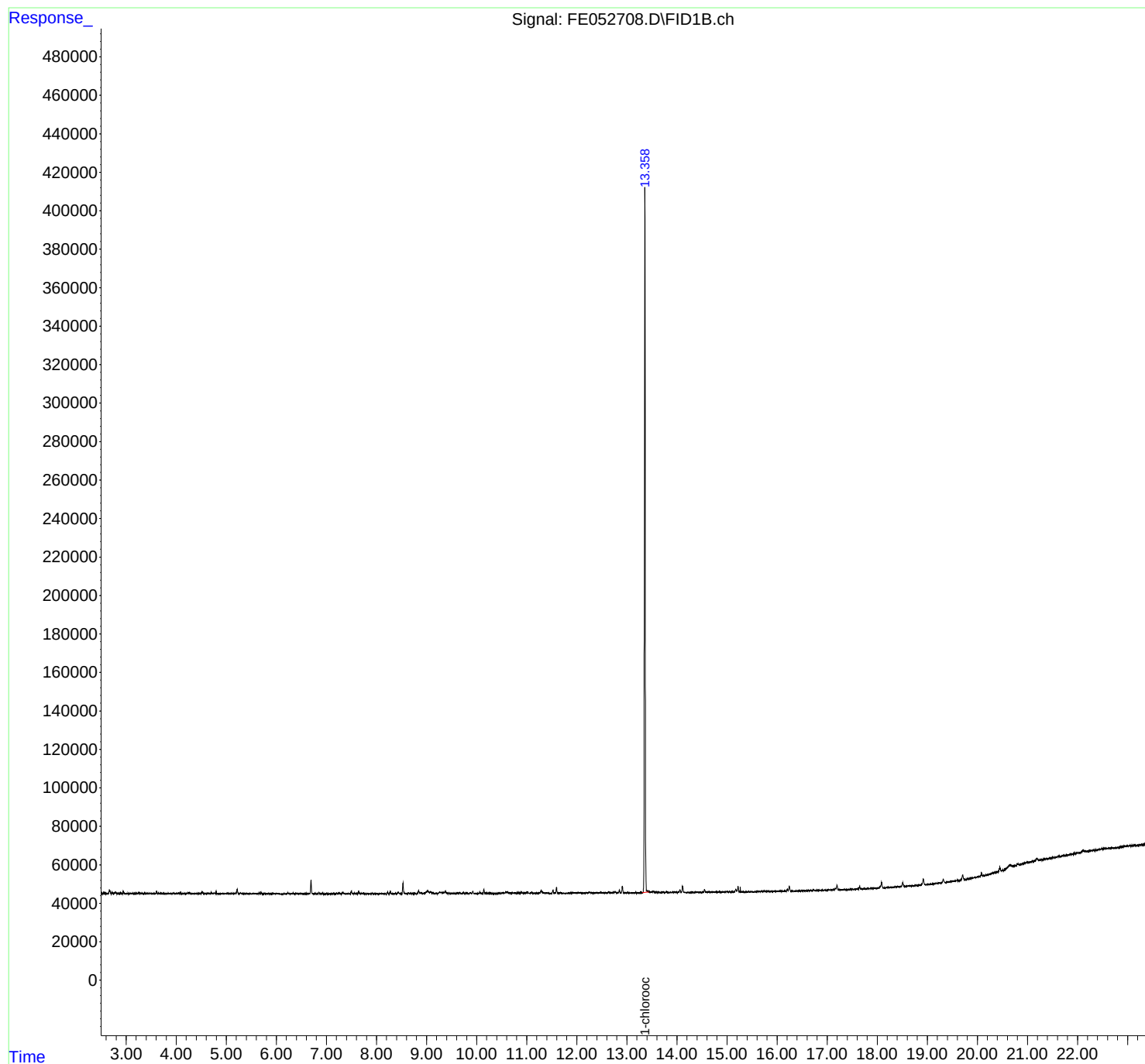
(m)=manual int.

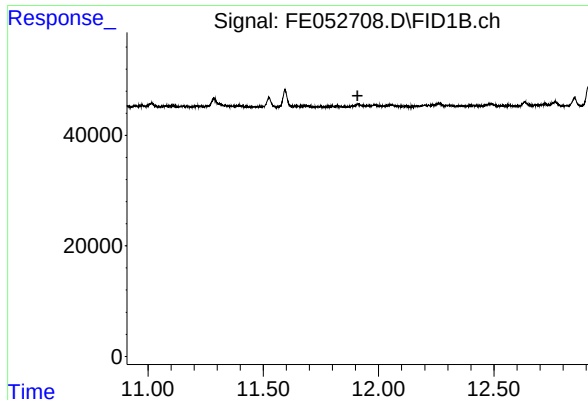
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052708.D
Signal(s) : FID1B.ch
Acq On : 10 Mar 2025 20:02
Operator : YP\AJ
Sample : PB167058BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB167058BL

Integration File: autoint1.e
Quant Time: Mar 11 05:22:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

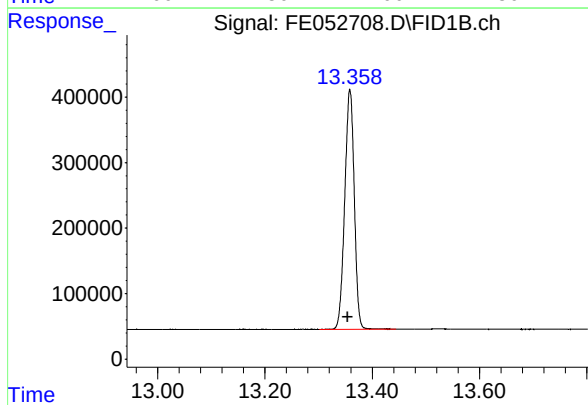




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.909 min
Response: 0
Conc: N.D.

Instrument :
FID_E
ClientSampleId :
PB167058BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: 0.004 min
Response: 4505970
Conc: 37.11 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052708.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 20:02
 Sample : PB167058BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	13.358	13.301	13.444	BB	366698	4505970	100.00%	100.000%
Sum of corrected areas:						4505970		

Aliphatic EPH 030325.M Tue Mar 11 06:18:58 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030525AL\
 Data File : FC068370.D
 Signal(s) : FID1A.ch
 Acq On : 05 Mar 2025 16:35
 Operator : YP/AJ
 Sample : PB166976BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB166976BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/06/2025

Supervised By :mohammad ahmed 03/07/2025

Integration File: autoint1.e

Quant Time: Mar 05 22:32:43 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M

Quant Title : GC Extractables

QLast Update : Wed Mar 05 03:08:52 2025

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.835	4883798	43.421 ug/ml
Spiked Amount 50.000		Recovery =	86.84%
Target Compounds			
1) T n-Nonane (C9)	3.203	2827544	20.100 ug/mlm
2) T n-Decane (C10)	4.259	3559909	25.128 ug/ml
4) T n-Dodecane (C12)	6.267	4529774	32.181 ug/ml
6) T n-Tetradecane (C14)	8.055	5054909	37.075 ug/ml
7) T n-Hexadecane (C16)	9.651	5354888	39.097 ug/ml
8) T n-Octadecane (C18)	11.088	5591448	40.886 ug/ml
10) T n-Eicosane (C20)	12.395	5948137	45.654 ug/ml
11) T n-Heneicosane (C21)	13.005	5750147	44.977 ug/ml
13) T n-Docosane (C22)	13.591	5722955	45.410 ug/ml
14) T n-Tetracosane (C24)	14.692	5629723	45.263 ug/ml
15) T n-Hexacosane (C26)	15.709	5518200	45.383 ug/ml
16) T n-Octacosane (C28)	16.659	5355981	45.096 ug/ml
17) T n-Tricontane (C30)	17.544	5374125	44.648 ug/ml
18) T n-Dotriacontane (C32)	18.375	5335525	45.969 ug/ml
19) T n-Tetratriacontane (C34)	19.159	5236268	48.458 ug/ml
20) T n-Hexatriacontane (C36)	19.897	5035566	52.362 ug/ml
21) T n-Octatriacontane (C38)	20.609	4926005	54.796 ug/ml
22) T n-Tetracontane (C40)	21.459	4773044	55.167 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030525AL\
Data File : FC068370.D
Signal(s) : FID1A.ch
Acq On : 05 Mar 2025 16:35
Operator : YP/AJ
Sample : PB166976BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB166976BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/06/2025

Supervised By :mohammad ahmed 03/07/2025

Integration File: autoint1.e

Quant Time: Mar 05 22:32:43 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M

Quant Title : GC Extractables

QLast Update : Wed Mar 05 03:08:52 2025

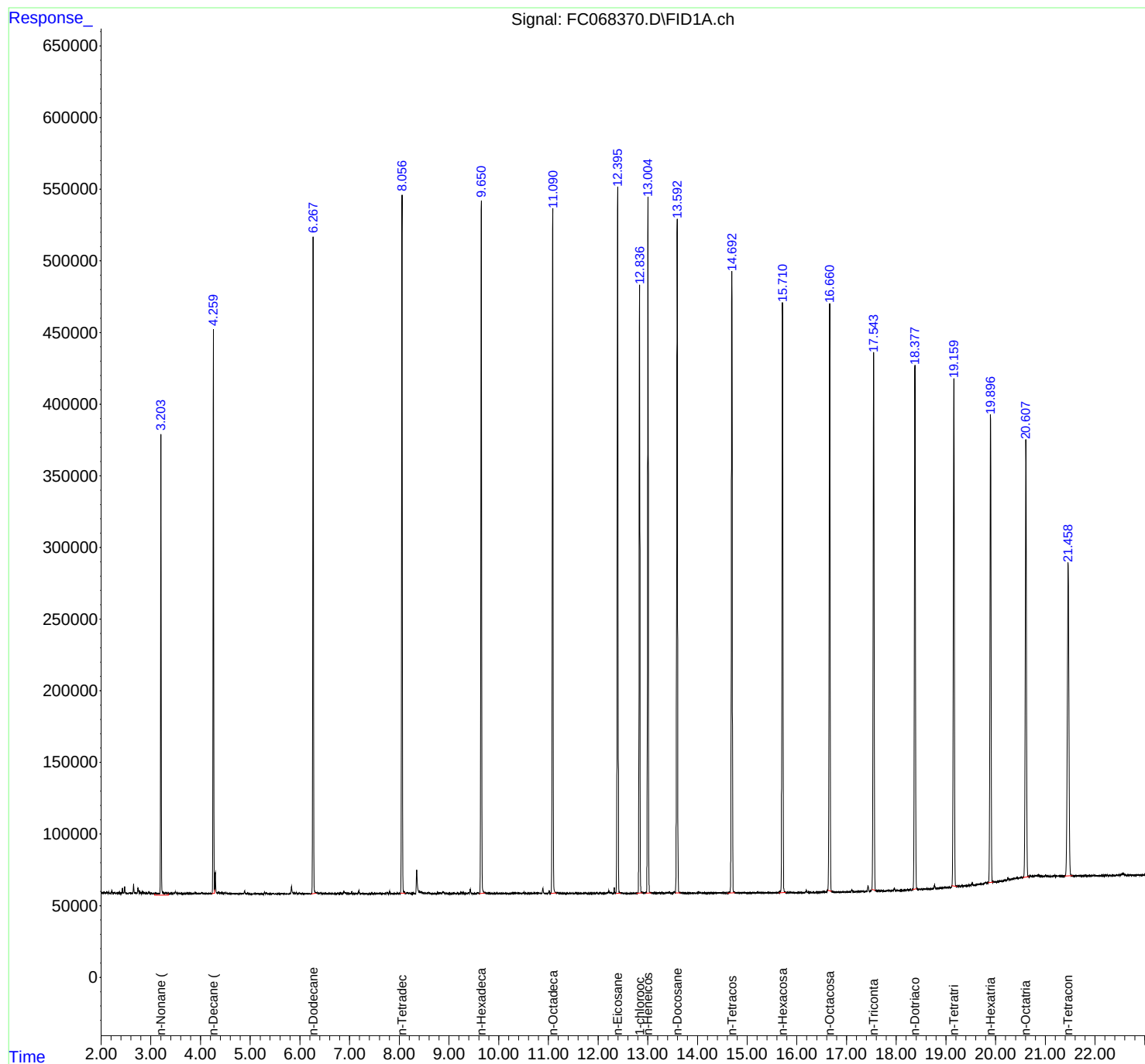
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um



rteres

Instrument :

FID_C

ClientSampleId :

PB166976BS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/06/2025

Supervised By :mohammad ahmed 03/07/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC03052

Data File : FC068370.D

Signal(s) : FID1A.ch

Acq On : 05 Mar 2025 16:35

Sample : PB166976BS

Misc :

ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M

Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.203	3.171	3.264	BB	314530	2636542	44.33%	2.740%
2	4.259	4.228	4.283	BV	391552	3559909	59.85%	3.700%
3	6.267	6.228	6.331	BB	459065	4529774	76.15%	4.708%
4	8.055	8.028	8.124	BB	484233	5054909	84.98%	5.254%
5	9.651	9.611	9.728	BB	484057	5354888	90.03%	5.565%
6	11.088	11.051	11.164	BB	478566	5591448	94.00%	5.811%
7	12.395	12.354	12.458	BB	490147	5948137	100.00%	6.182%
8	12.835	12.771	12.898	BB	419014	4883798	82.11%	5.076%
9	13.005	12.961	13.068	BB	483011	5750147	96.67%	5.976%
10	13.591	13.551	13.654	BB	466071	5722955	96.21%	5.948%
11	14.692	14.611	14.754	BB	433349	5629723	94.65%	5.851%
12	15.709	15.631	15.774	BB	412568	5518200	92.77%	5.735%
13	16.659	16.621	16.699	BBA	401245	5355981	90.04%	5.567%
14	17.544	17.508	17.576	BBA	374770	5374125	90.35%	5.585%
15	18.375	18.321	18.409	BBA	362149	5335525	89.70%	5.545%
16	19.159	19.121	19.221	BB	349323	5236268	88.03%	5.442%
17	19.897	19.851	19.948	BB	324621	5035566	84.66%	5.234%
18	20.609	20.551	20.671	BB	302419	4926005	82.82%	5.120%
19	21.459	21.391	21.548	BB	217673	4773044	80.24%	4.961%
Sum of corrected areas:						96216942		

Aliphatic EPH 021125.M Wed Mar 05 23:06:20 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
 Data File : FD049160.D
 Signal(s) : FID2B.ch
 Acq On : 05 Mar 2025 16:35
 Operator : YP/AJ
 Sample : PB166976BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166976BS

Integration File: autoint1.e
 Quant Time: Mar 05 23:29:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.351	8453892	59.073 ug/ml
Spiked Amount 50.000		Recovery =	118.15%
6) S 2-Fluorobiphenyl (SURR)	8.202	5054241	57.492 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	114.98%
11) S ortho-Terphenyl (SURR)	11.236	8417347	52.031 ug/ml
Spiked Amount 50.000		Recovery =	104.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	5552142	34.864 ug/ml
2) T Naphthalene (C11.7)	5.691	6350091	39.991 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	6465727	41.529 ug/ml
5) T Acenaphthylene (C15.06)	8.004	7500307	46.126 ug/ml
7) T Acenaphthene (C15.5)	8.299	8145079	49.512 ug/ml
8) T Fluorene (C16.55)	9.077	7912127	50.188 ug/ml
9) T Phenanthrene (C19.36)	10.465	7970215	52.888 ug/ml
10) T Anthracene (C19.43)	10.541	8037215	53.217 ug/ml
12) T Fluoranthene (C21.85)	12.270	8243131	53.418 ug/ml
13) T Pyrene (C20.8)	12.563	8165876	53.005 ug/ml
14) T Benzo[a]anthracene (C...	14.435	7533013	57.333 ug/ml
15) T Chrysene (C27.41)	14.476	7422754	45.908 ug/ml
16) T benzo[b]fluoranthene ...	15.984	7569764	55.015 ug/ml
17) T Bnezo[k]fluoranthene ...	16.018	7928873	50.201 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.359	7273189	53.583 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.728	6578388	60.199 ug/ml
20) T Dibenz[a,h]anthracene...	17.762	7368166	47.494 ug/ml
21) T Benzo[g,h,i]perylene ...	17.979	7187811	49.588 ug/ml

(f)=RT Delta > 1/2 Window

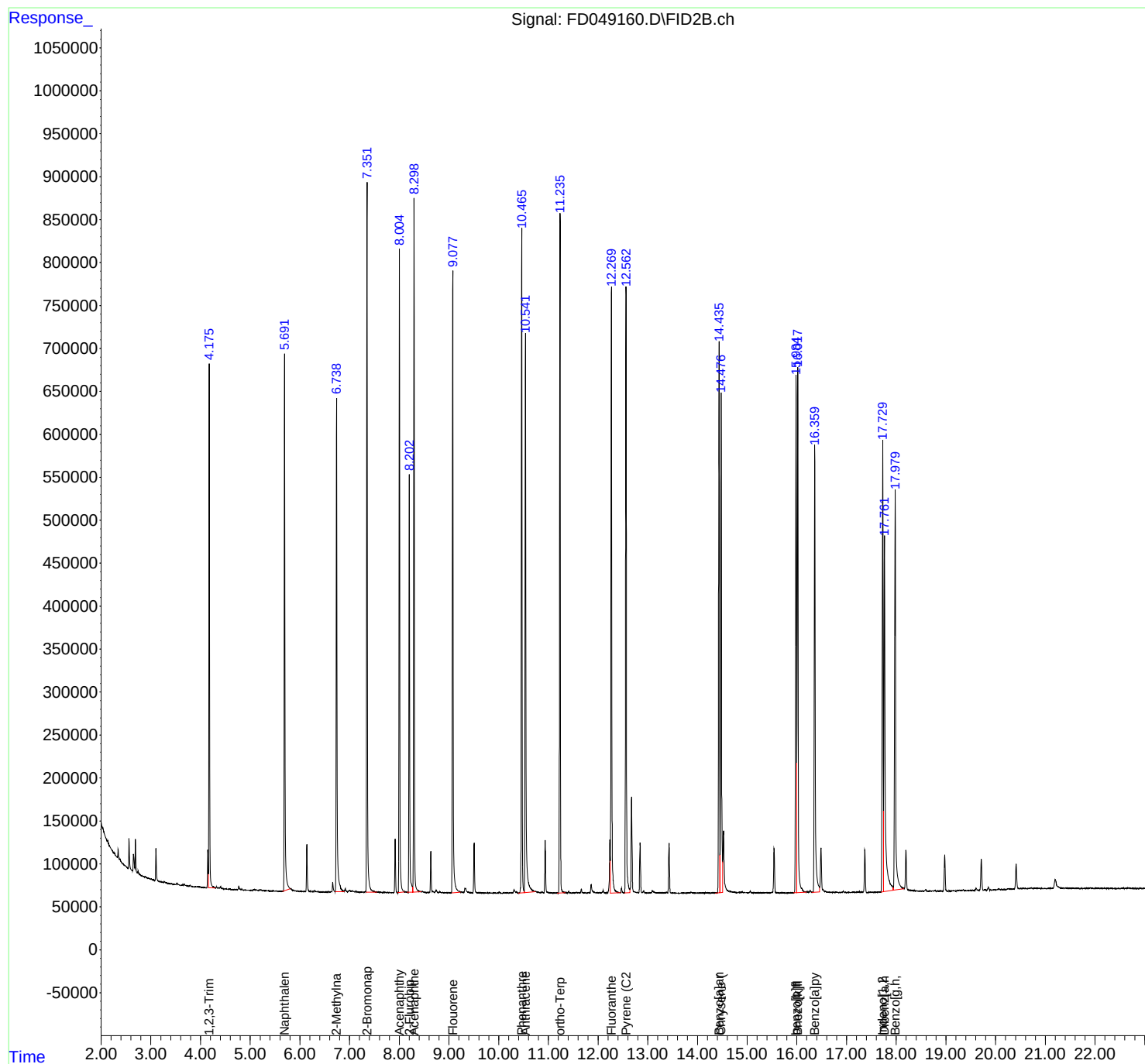
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
Data File : FD049160.D
Signal(s) : FID2B.ch
Acq On : 05 Mar 2025 16:35
Operator : YP/AJ
Sample : PB166976BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB166976BS

Integration File: autoint1.e
Quant Time: Mar 05 23:29:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
 Data File : FD049160.D
 Signal(s) : FID2B.ch
 Acq On : 05 Mar 2025 16:35
 Sample : PB166976BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.175	4.159	4.299	VV	609832	5552142	65.68%	3.579%
2	5.691	5.645	5.806	BV	625008	6350091	75.11%	4.093%
3	6.738	6.709	6.890	BV	574734	6465727	76.48%	4.168%
4	7.351	7.327	7.554	VB	826973	8453892	100.00%	5.450%
5	8.004	7.960	8.105	BV	747937	7500307	88.72%	4.835%
6	8.202	8.149	8.270	BV	485727	5054241	59.79%	3.258%
7	8.299	8.270	8.444	VV	808027	8145079	96.35%	5.251%
8	9.077	9.052	9.232	PV	723637	7912127	93.59%	5.100%
9	10.465	10.390	10.513	BV	774039	7970215	94.28%	5.138%
10	10.541	10.513	10.739	VV	650563	8037215	95.07%	5.181%
11	11.236	11.172	11.345	BB	790904	8417347	99.57%	5.426%
12	12.270	12.247	12.444	VB	706154	8243131	97.51%	5.314%
13	12.563	12.525	12.639	BV	705656	8165876	96.59%	5.264%
14	14.435	14.359	14.453	BV	642640	7533013	89.11%	4.856%
15	14.476	14.453	14.507	VV	579499	7422754	87.80%	4.785%
16	15.984	15.930	15.998	BV	598874	7569764	89.54%	4.880%
17	16.018	15.998	16.197	VV	612039	7928873	93.79%	5.111%
18	16.359	16.295	16.457	PV	520603	7273189	86.03%	4.688%
19	17.728	17.690	17.743	BV	525918	6578388	77.81%	4.241%
20	17.762	17.743	17.940	VV	413708	7368166	87.16%	4.750%
21	17.979	17.940	18.160	VV	465448	7187811	85.02%	4.633%
Sum of corrected areas:						155129349		

Aromatic EPH 021125.M Wed Mar 05 23:50:07 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052709.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 20:32
 Operator : YP\AJ
 Sample : PB167058BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167058BS

Integration File: autoint1.e
 Quant Time: Mar 11 05:22:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.359	5139492	42.326 ug/ml
Spiked Amount 50.000		Recovery =	84.65%
Target Compounds			
1) T n-Nonane (C9)	3.251	3149781	20.315 ug/ml
2) T n-Decane (C10)	4.513	4262023	27.130 ug/ml
4) T n-Dodecane (C12)	6.694	5383747	34.578 ug/ml
6) T n-Tetradecane (C14)	8.532	5974264	39.484 ug/ml
7) T n-Hexadecane (C16)	10.148	6261316	40.954 ug/ml
8) T n-Octadecane (C18)	11.598	6613379	43.469 ug/ml
10) T n-Eicosane (C20)	12.913	6807737	46.894 ug/ml
11) T n-Heneicosane (C21)	13.527	6543581	45.975 ug/ml
13) T n-Docosane (C22)	14.116	6550624	46.031 ug/ml
14) T n-Tetracosane (C24)	15.223	6506786	45.467 ug/ml
15) T n-Hexacosane (C26)	16.248	6455544	45.400 ug/ml
16) T n-Octacosane (C28)	17.200	6404791	45.042 ug/ml
17) T n-Tricontane (C30)	18.091	6509204	44.070 ug/ml
18) T n-Dotriacontane (C32)	18.926	6546250	45.091 ug/ml
19) T n-Tetratriacontane (C34)	19.712	6565176	48.711 ug/ml
20) T n-Hexatriacontane (C36)	20.454	6469074	54.443 ug/ml
21) T n-Octatriacontane (C38)	21.199	6501240	58.603 ug/ml
22) T n-Tetracontane (C40)	22.123	6486247	59.993 ug/ml

(f)=RT Delta > 1/2 Window

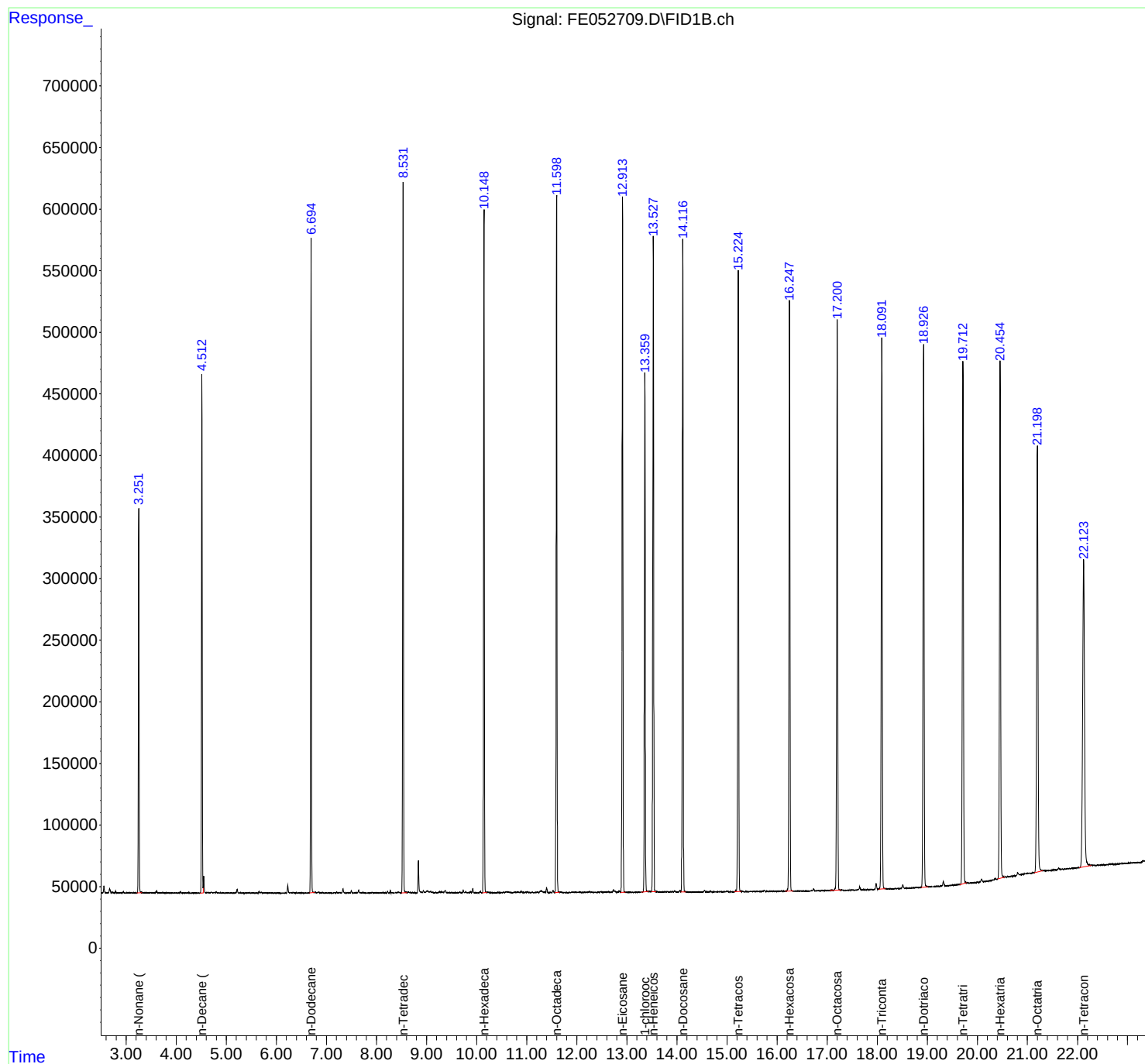
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052709.D
Signal(s) : FID1B.ch
Acq On : 10 Mar 2025 20:32
Operator : YP\AJ
Sample : PB167058BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB167058BS

Integration File: autoint1.e
Quant Time: Mar 11 05:22:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052709.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 20:32
 Sample : PB167058BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.251	3.215	3.318	BB	312332	3149781	46.27%	2.736%
2	4.513	4.475	4.537	BV	419371	4262023	62.61%	3.702%
3	6.694	6.658	6.758	BB	531950	5383747	79.08%	4.676%
4	8.532	8.495	8.605	BB	574343	5974264	87.76%	5.189%
5	10.148	10.108	10.205	BB	554166	6261316	91.97%	5.438%
6	11.598	11.555	11.658	PB	566127	6613379	97.15%	5.744%
7	12.913	12.873	12.975	PB	566176	6807737	100.00%	5.913%
8	13.359	13.295	13.431	BB	420903	5139492	75.49%	4.464%
9	13.527	13.488	13.588	BB	534779	6543581	96.12%	5.684%
10	14.116	14.077	14.175	VB	526836	6550624	96.22%	5.690%
11	15.223	15.145	15.285	BB	506210	6506786	95.58%	5.652%
12	16.248	16.168	16.325	BB	480474	6455544	94.83%	5.607%
13	17.200	17.051	17.268	BB	456860	6404791	94.08%	5.563%
14	18.091	18.025	18.165	BB	448088	6509204	95.61%	5.654%
15	18.926	18.871	19.021	BB	440846	6546250	96.16%	5.686%
16	19.712	19.651	19.778	BB	422178	6565176	96.44%	5.702%
17	20.454	20.401	20.548	BB	420660	6469074	95.03%	5.619%
18	21.199	21.131	21.311	BB	345771	6501240	95.50%	5.647%
19	22.123	22.041	22.275	BB	249504	6486247	95.28%	5.634%
Sum of corrected areas:						115130255		

Aliphatic EPH 030325.M Tue Mar 11 06:18:41 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015630.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 17:17
 Operator : YP\AJ
 Sample : PB167058BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB167058BS

Integration File: autoint1.e
 Quant Time: Mar 11 03:22:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.996	7701341	66.154 ug/ml
Spiked Amount 50.000		Recovery =	132.31%
6) S 2-Fluorobiphenyl (SURR)	8.873	4814742	67.593 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	135.19%#
11) S ortho-Terphenyl (SURR)	11.934	8163013	55.492 ug/ml
Spiked Amount 50.000		Recovery =	110.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	5019387	38.881 ug/ml
2) T Naphthalene (C11.7)	6.273	5751283	45.064 ug/ml
3) T 2-Methylnaphthalene (...)	7.369	5893791	46.547 ug/ml
5) T Acenaphthylene (C15.06)	8.671	7008327	49.580 ug/ml
7) T Acenaphthene (C15.5)	8.970	7577334	53.201 ug/ml
8) T Fluorene (C16.55)	9.761	7521898	56.529 ug/ml
9) T Phenanthrene (C19.36)	11.169	7647213	58.790 ug/ml
10) T Anthracene (C19.43)	11.245	7699079	61.469 ug/ml
12) T Fluoranthene (C21.85)	12.994	7965097	56.402 ug/ml
13) T Pyrene (C20.8)	13.292	7913566	55.045 ug/ml
14) T Benzo[a]anthracene (C...	15.177	7357313	62.634 ug/ml
15) T Chrysene (C27.41)	15.220	8751942	58.595 ug/ml
16) T benzo[b]fluoranthene ...	16.741	7278110	55.883 ug/ml
17) T Bnezo[k]fluoranthene ...	16.774	7689052	51.530 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.121	6782739	53.447 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.500	6800974	66.444 ug/ml
20) T Dibenz[a,h]anthracene...	18.532	6920863	53.527 ug/ml
21) T Benzo[g,h,i]perylene ...	18.755	6885368	55.330 ug/ml

(f)=RT Delta > 1/2 Window

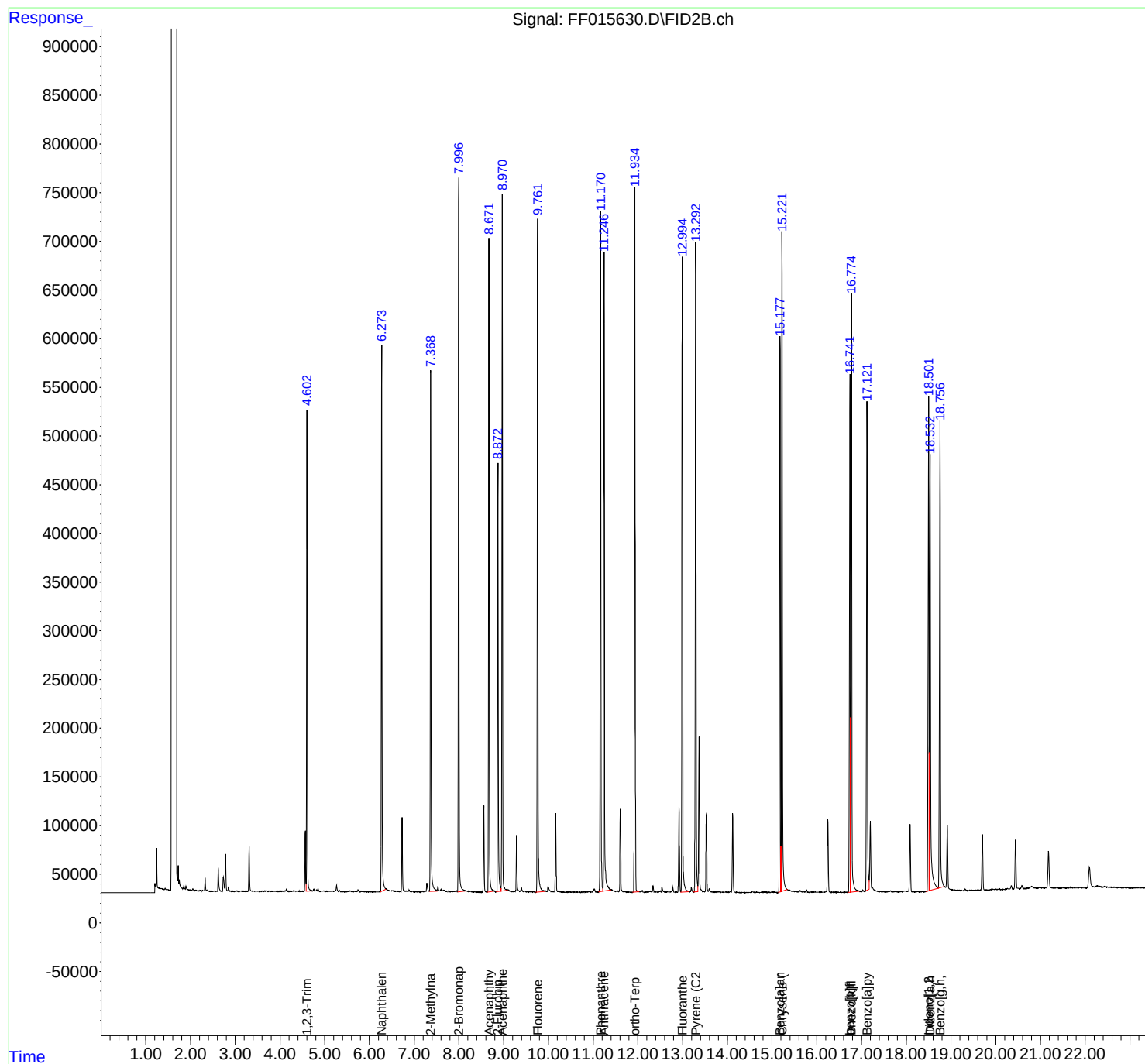
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
Data File : FF015630.D
Signal(s) : FID2B.ch
Acq On : 10 Mar 2025 17:17
Operator : YP\AJ
Sample : PB167058BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB167058BS

Integration File: autoint1.e
Quant Time: Mar 11 03:22:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Quant Title : GC Extractables
QLast Update : Wed Feb 26 12:36:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015630.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 17:17
 Sample : PB167058BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.602	4.582	4.722	VB	495164	5019387	57.35%	3.365%
2	6.273	6.239	6.369	BV	560029	5751283	65.71%	3.856%
3	7.369	7.336	7.512	PV	535731	5893791	67.34%	3.952%
4	7.996	7.969	8.161	PB	732224	7701341	88.00%	5.164%
5	8.671	8.631	8.777	BV	671112	7008327	80.08%	4.699%
6	8.873	8.831	8.942	BV	439329	4814742	55.01%	3.228%
7	8.970	8.942	9.084	VV	716832	7577334	86.58%	5.081%
8	9.761	9.722	9.929	BV	691623	7521898	85.95%	5.043%
9	11.169	11.121	11.219	BV	696492	7647213	87.38%	5.127%
10	11.245	11.219	11.401	VBA	657664	7699079	87.97%	5.162%
11	11.934	11.879	12.034	BB	725105	8163013	93.27%	5.473%
12	12.994	12.960	13.154	VB	654399	7965097	91.01%	5.341%
13	13.292	13.241	13.338	BV	669022	7913566	90.42%	5.306%
14	15.177	15.139	15.197	BV	570426	7357313	84.06%	4.933%
15	15.220	15.197	15.341	VBA	678322	8751942	100.00%	5.868%
16	16.741	16.697	16.756	BV	530938	7278110	83.16%	4.880%
17	16.774	16.756	16.957	VB	610130	7689052	87.86%	5.156%
18	17.121	17.071	17.169	BV	501657	6782739	77.50%	4.548%
19	18.500	18.451	18.514	BV	506273	6800974	77.71%	4.560%
20	18.532	18.514	18.714	VV	447432	6920863	79.08%	4.640%
21	18.755	18.714	18.851	VBA	480926	6885368	78.67%	4.617%
Sum of corrected areas:						149142433		

Aromatic EPH 022625.M Tue Mar 11 03:58:51 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030525AL\
 Data File : FC068371.D
 Signal(s) : FID1A.ch
 Acq On : 05 Mar 2025 17:12
 Operator : YP/AJ
 Sample : PB166976BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB166976BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/06/2025

Supervised By :mohammad ahmed 03/07/2025

Integration File: autoint1.e

Quant Time: Mar 05 22:33:10 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M

Quant Title : GC Extractables

QLast Update : Wed Mar 05 03:08:52 2025

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.835	4989985	44.366 ug/ml
Spiked Amount 50.000		Recovery =	88.73%
Target Compounds			
1) T n-Nonane (C9)	3.202	2915968	20.728 ug/mlm
2) T n-Decane (C10)	4.259	3555925	25.100 ug/ml
4) T n-Dodecane (C12)	6.267	4530569	32.187 ug/ml
6) T n-Tetradecane (C14)	8.055	5057084	37.091 ug/ml
7) T n-Hexadecane (C16)	9.651	5376555	39.255 ug/ml
8) T n-Octadecane (C18)	11.089	5618922	41.086 ug/ml
10) T n-Eicosane (C20)	12.395	5974676	45.858 ug/ml
11) T n-Heneicosane (C21)	13.005	5772498	45.151 ug/ml
13) T n-Docosane (C22)	13.591	5744572	45.582 ug/ml
14) T n-Tetracosane (C24)	14.691	5641632	45.359 ug/ml
15) T n-Hexacosane (C26)	15.710	5522630	45.419 ug/ml
16) T n-Octacosane (C28)	16.658	5356837	45.104 ug/ml
17) T n-Tricontane (C30)	17.544	5380902	44.704 ug/ml
18) T n-Dotriacontane (C32)	18.375	5335339	45.968 ug/ml
19) T n-Tetratriacontane (C34)	19.157	5245337	48.542 ug/ml
20) T n-Hexatriacontane (C36)	19.898	5039804	52.406 ug/ml
21) T n-Octatriacontane (C38)	20.609	4927229	54.809 ug/ml
22) T n-Tetracontane (C40)	21.461	4792754	55.394 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030525AL\
Data File : FC068371.D
Signal(s) : FID1A.ch
Acq On : 05 Mar 2025 17:12
Operator : YP/AJ
Sample : PB166976BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_C

Client SampleId :

PB166976BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/06/2025

Supervised By :mohammad ahmed 03/07/2025

Integration File: autoint1.e

Quant Time: Mar 05 22:33:10 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M

Quant Title : GC Extractables

QLast Update : Wed Mar 05 03:08:52 2025

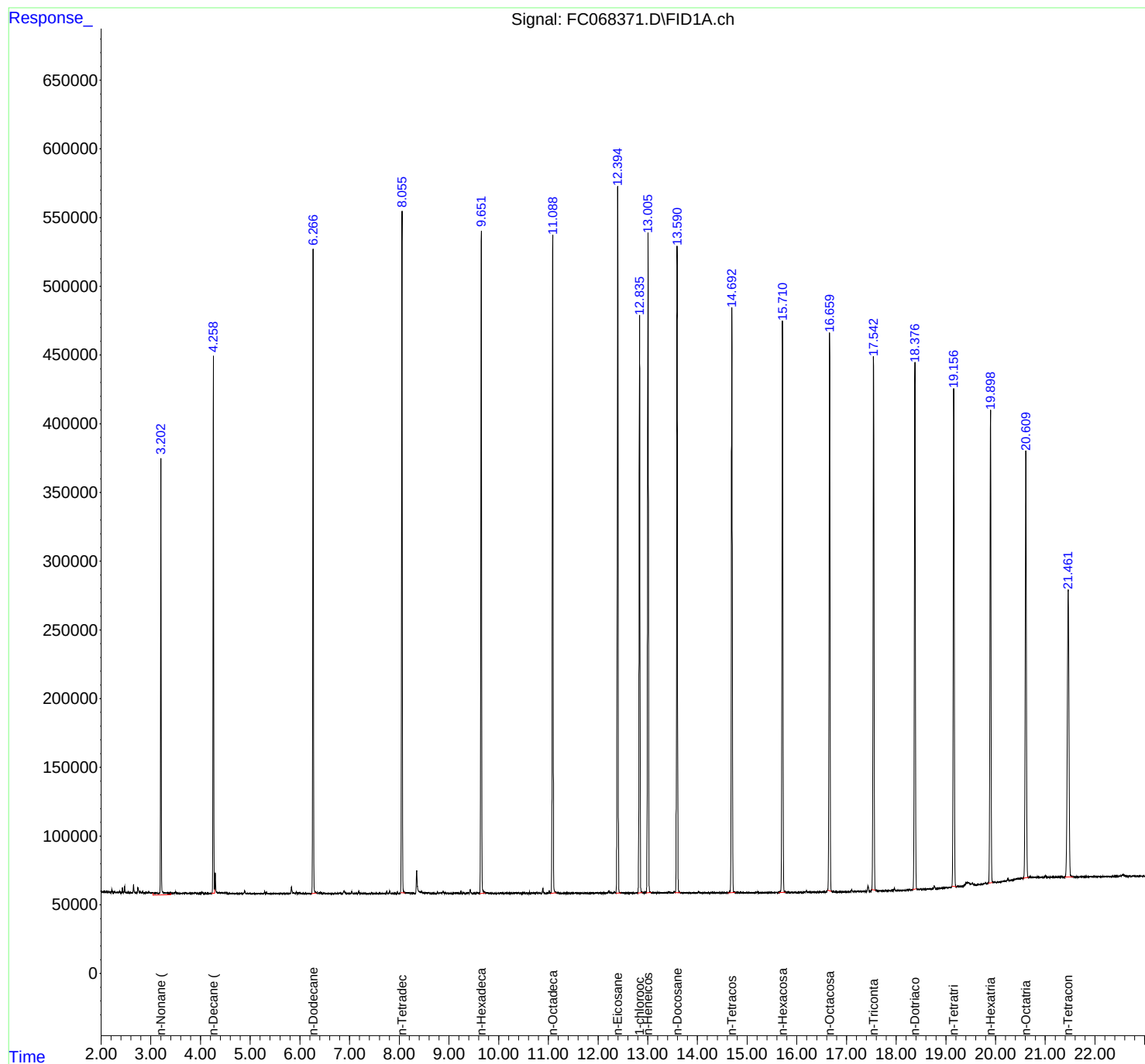
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um



rteres

Instrument :

FID_C

ClientSampleId :

PB166976BSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/06/2025

Supervised By :mohammad ahmed 03/07/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC03052
 Data File : FC068371.D
 Signal(s) : FID1A.ch
 Acq On : 05 Mar 2025 17:12
 Sample : PB166976BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.202	3.158	3.264	BB	313739	2633949	44.09%	2.730%
2	4.259	4.221	4.283	BV	388220	3555925	59.52%	3.685%
3	6.267	6.231	6.334	BB	469532	4530569	75.83%	4.695%
4	8.055	8.028	8.118	BB	492662	5057084	84.64%	5.241%
5	9.651	9.611	9.728	BB	482972	5376555	89.99%	5.572%
6	11.089	11.051	11.164	BB	477952	5618922	94.05%	5.823%
7	12.395	12.354	12.458	BB	512548	5974676	100.00%	6.192%
8	12.835	12.794	12.898	BB	413822	4989985	83.52%	5.171%
9	13.005	12.964	13.068	BB	470117	5772498	96.62%	5.982%
10	13.591	13.551	13.654	BB	470036	5744572	96.15%	5.953%
11	14.691	14.611	14.754	BB	423710	5641632	94.43%	5.846%
12	15.710	15.631	15.774	BB	417975	5522630	92.43%	5.723%
13	16.658	16.621	16.699	BBA	404529	5356837	89.66%	5.551%
14	17.544	17.508	17.576	BBA	383025	5380902	90.06%	5.576%
15	18.375	18.321	18.409	BBA	382661	5335339	89.30%	5.529%
16	19.158	19.121	19.218	BB	359177	5245337	87.79%	5.436%
17	19.898	19.851	19.941	BB	342461	5039804	84.35%	5.223%
18	20.609	20.551	20.664	BB	305335	4927229	82.47%	5.106%
19	21.461	21.391	21.554	BB	207538	4792754	80.22%	4.967%
Sum of corrected areas:						96497197		

Aliphatic EPH 021125.M Wed Mar 05 23:07:07 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
 Data File : FD049161.D
 Signal(s) : FID2B.ch
 Acq On : 05 Mar 2025 17:12
 Operator : YP/AJ
 Sample : PB166976BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166976BSD

Integration File: autoint1.e
 Quant Time: Mar 05 23:30:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.351	8619183	60.228 ug/ml
Spiked Amount 50.000		Recovery =	120.46%
6) S 2-Fluorobiphenyl (SURR)	8.201	5168475	58.792 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.58%
11) S ortho-Terphenyl (SURR)	11.236	8602132	53.174 ug/ml
Spiked Amount 50.000		Recovery =	106.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	5624480	35.318 ug/ml
2) T Naphthalene (C11.7)	5.692	6447560	40.605 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	6620553	42.523 ug/ml
5) T Acenaphthylene (C15.06)	8.003	7668529	47.160 ug/ml
7) T Acenaphthene (C15.5)	8.298	8295826	50.428 ug/ml
8) T Fluorene (C16.55)	9.077	8069862	51.189 ug/ml
9) T Phenanthrene (C19.36)	10.465	8131454	53.957 ug/ml
10) T Anthracene (C19.43)	10.540	8198495	54.284 ug/ml
12) T Fluoranthene (C21.85)	12.270	8348434	54.100 ug/ml
13) T Pyrene (C20.8)	12.562	8266371	53.657 ug/ml
14) T Benzo[a]anthracene (C...	14.434	7642958	58.170 ug/ml
15) T Chrysene (C27.41)	14.476	7520161	46.511 ug/ml
16) T benzo[b]fluoranthene ...	15.985	7675923	55.787 ug/ml
17) T Bnezo[k]fluoranthene ...	16.017	7993047	50.607 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.359	7376396	54.343 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.729	6733767	61.621 ug/ml
20) T Dibenz[a,h]anthracene...	17.763	7529723	48.535 ug/ml
21) T Benzo[g,h,i]perylene ...	17.980	7291670	50.304 ug/ml

(f)=RT Delta > 1/2 Window

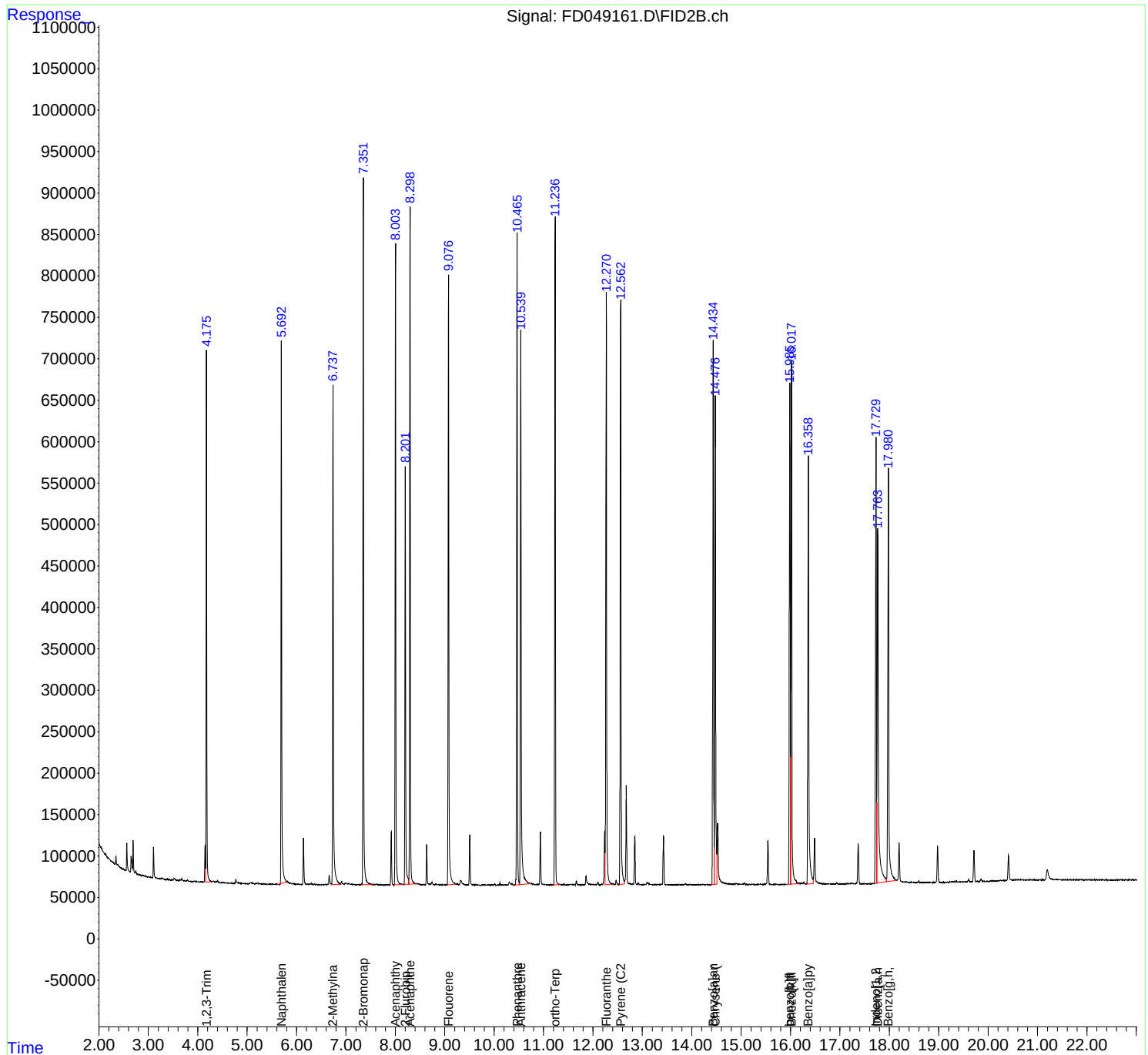
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
Data File : FD049161.D
Signal(s) : FID2B.ch
Acq On : 05 Mar 2025 17:12
Operator : YP/AJ
Sample : PB166976BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB166976BSD

Integration File: autoint1.e
Quant Time: Mar 05 23:30:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
 Data File : FD049161.D
 Signal(s) : FID2B.ch
 Acq On : 05 Mar 2025 17:12
 Sample : PB166976BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.175	4.159	4.297	VV	640771	5624480	65.26%	3.564%
2	5.692	5.618	5.807	PV	653844	6447560	74.80%	4.085%
3	6.738	6.702	6.882	VV	601549	6620553	76.81%	4.195%
4	7.351	7.326	7.542	VB	852911	8619183	100.00%	5.461%
5	8.003	7.960	8.133	BB	773719	7668529	88.97%	4.859%
6	8.201	8.145	8.271	BV	504187	5168475	59.96%	3.275%
7	8.298	8.271	8.432	VV	817291	8295826	96.25%	5.256%
8	9.077	9.043	9.228	BV	736277	8069862	93.63%	5.113%
9	10.465	10.398	10.513	BV	786847	8131454	94.34%	5.152%
10	10.540	10.513	10.740	VV	667558	8198495	95.12%	5.195%
11	11.236	11.173	11.348	BB	808109	8602132	99.80%	5.450%
12	12.270	12.247	12.415	VB	715005	8348434	96.86%	5.290%
13	12.562	12.517	12.637	BV	702607	8266371	95.91%	5.238%
14	14.434	14.375	14.453	BV	655650	7642958	88.67%	4.843%
15	14.476	14.453	14.507	VV	591816	7520161	87.25%	4.765%
16	15.985	15.930	15.998	BV	606361	7675923	89.06%	4.864%
17	16.017	15.998	16.177	VV	630458	7993047	92.74%	5.065%
18	16.359	16.318	16.458	BV	516813	7376396	85.58%	4.674%
19	17.729	17.690	17.743	BV	539084	6733767	78.13%	4.267%
20	17.763	17.743	17.938	VV	428028	7529723	87.36%	4.771%
21	17.980	17.938	18.150	VV	499171	7291670	84.60%	4.620%
Sum of corrected areas:						157824999		

Aromatic EPH 021125.M Wed Mar 05 23:52:04 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052710.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 21:02
 Operator : YP\AJ
 Sample : PB167058BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167058BSD

Integration File: autoint1.e
 Quant Time: Mar 11 05:23:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.359	5296371	43.618 ug/ml
Spiked Amount 50.000		Recovery =	87.24%
Target Compounds			
1) T n-Nonane (C9)	3.252	3184968	20.542 ug/ml
2) T n-Decane (C10)	4.513	4302223	27.386 ug/ml
4) T n-Dodecane (C12)	6.694	5434184	34.902 ug/ml
6) T n-Tetradecane (C14)	8.533	6022996	39.806 ug/ml
7) T n-Hexadecane (C16)	10.147	6298949	41.200 ug/ml
8) T n-Octadecane (C18)	11.597	6644892	43.676 ug/ml
10) T n-Eicosane (C20)	12.913	6831700	47.059 ug/ml
11) T n-Heneicosane (C21)	13.528	6563747	46.117 ug/ml
13) T n-Docosane (C22)	14.116	6576156	46.210 ug/ml
14) T n-Tetracosane (C24)	15.223	6518581	45.550 ug/ml
15) T n-Hexacosane (C26)	16.247	6478447	45.561 ug/ml
16) T n-Octacosane (C28)	17.200	6430737	45.225 ug/ml
17) T n-Tricontane (C30)	18.090	6567154	44.463 ug/ml
18) T n-Dotriacontane (C32)	18.925	6615939	45.571 ug/ml
19) T n-Tetratriacontane (C34)	19.710	6628461	49.180 ug/ml
20) T n-Hexatriacontane (C36)	20.453	6495807	54.668 ug/ml
21) T n-Octatriacontane (C38)	21.196	6520037	58.773 ug/ml
22) T n-Tetracontane (C40)	22.121	6523072	60.334 ug/ml

(f)=RT Delta > 1/2 Window

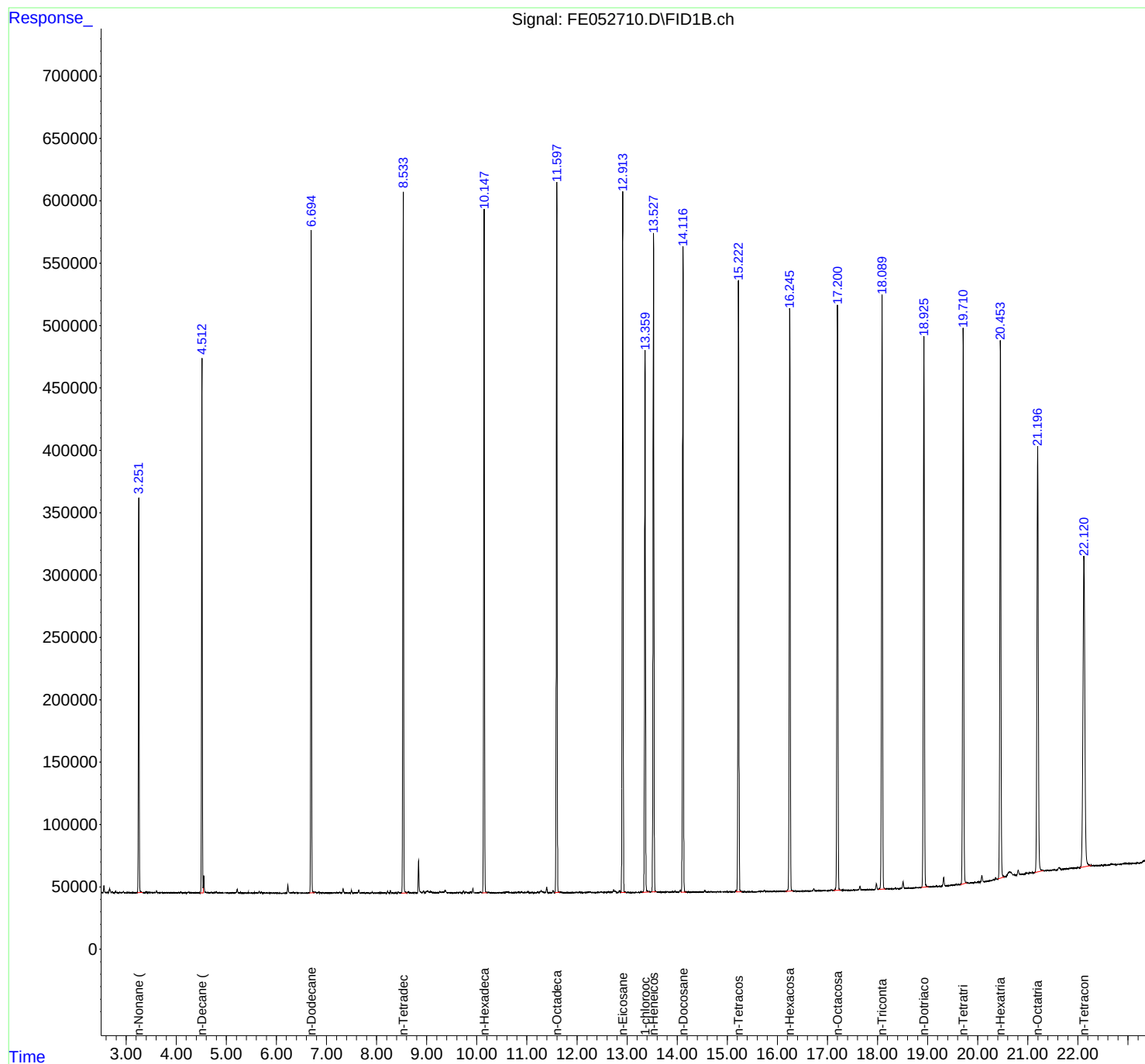
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052710.D
Signal(s) : FID1B.ch
Acq On : 10 Mar 2025 21:02
Operator : YP\AJ
Sample : PB167058BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB167058BSD

Integration File: autoint1.e
Quant Time: Mar 11 05:23:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052710.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 21:02
 Sample : PB167058BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.252	3.221	3.325	BB	315967	3184968	46.62%	2.747%
2	4.513	4.475	4.537	BV	426301	4302223	62.97%	3.711%
3	6.694	6.658	6.765	BB	531530	5434184	79.54%	4.687%
4	8.533	8.495	8.608	BV	556162	6022996	88.16%	5.195%
5	10.147	10.105	10.205	BB	549322	6298949	92.20%	5.433%
6	11.597	11.558	11.658	PB	566739	6644892	97.27%	5.732%
7	12.913	12.873	12.975	PB	564884	6831700	100.00%	5.893%
8	13.359	13.301	13.441	BB	433916	5296371	77.53%	4.568%
9	13.528	13.485	13.588	BB	528155	6563747	96.08%	5.662%
10	14.116	14.077	14.185	VB	519851	6576156	96.26%	5.672%
11	15.223	15.184	15.288	VB	491283	6518581	95.42%	5.623%
12	16.247	16.161	16.315	BB	464966	6478447	94.83%	5.588%
13	17.200	17.121	17.265	BB	472858	6430737	94.13%	5.547%
14	18.090	18.025	18.161	BB	469286	6567154	96.13%	5.665%
15	18.925	18.871	19.018	BB	439295	6615939	96.84%	5.707%
16	19.710	19.651	19.785	BB	444154	6628461	97.03%	5.717%
17	20.453	20.401	20.535	BB	431882	6495807	95.08%	5.603%
18	21.196	21.131	21.308	BB	340013	6520037	95.44%	5.624%
19	22.121	22.041	22.271	BB	248353	6523072	95.48%	5.627%
Sum of corrected areas:						115934419		

Aliphatic EPH 030325.M Tue Mar 11 06:19:24 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015631.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 17:46
 Operator : YP\AJ
 Sample : PB167058BSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB167058BSD

Integration File: autoint1.e
 Quant Time: Mar 11 03:22:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.997	6861975	58.944 ug/ml
Spiked Amount 50.000		Recovery =	117.89%
6) S 2-Fluorobiphenyl (SURR)	8.874	4252404	59.698 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	119.40%
11) S ortho-Terphenyl (SURR)	11.935	7259660	49.351 ug/ml
Spiked Amount 50.000		Recovery =	98.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	4491192	34.789 ug/ml
2) T Naphthalene (C11.7)	6.274	5225784	40.946 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	5253176	41.488 ug/ml
5) T Acenaphthylene (C15.06)	8.673	6294057	44.527 ug/ml
7) T Acenaphthene (C15.5)	8.972	6763066	47.484 ug/ml
8) T Fluorene (C16.55)	9.762	6670028	50.127 ug/ml
9) T Phenanthrene (C19.36)	11.171	6781201	52.132 ug/ml
10) T Anthracene (C19.43)	11.246	6827746	54.512 ug/ml
12) T Fluoranthene (C21.85)	12.993	7078040	50.121 ug/ml
13) T Pyrene (C20.8)	13.292	7020250	48.831 ug/ml
14) T Benzo[a]anthracene (C...	15.178	6514139	55.456 ug/ml
15) T Chrysene (C27.41)	15.221	7816361	52.331 ug/ml
16) T benzo[b]fluoranthene ...	16.740	6492778	49.853 ug/ml
17) T Bnezo[k]fluoranthene ...	16.773	6889705	46.173 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.122	6032279	47.533 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.500	5980933	58.433 ug/ml
20) T Dibenz[a,h]anthracene...	18.534	6283187	48.595 ug/ml
21) T Benzo[g,h,i]perylene ...	18.756	6114763	49.138 ug/ml

(f)=RT Delta > 1/2 Window

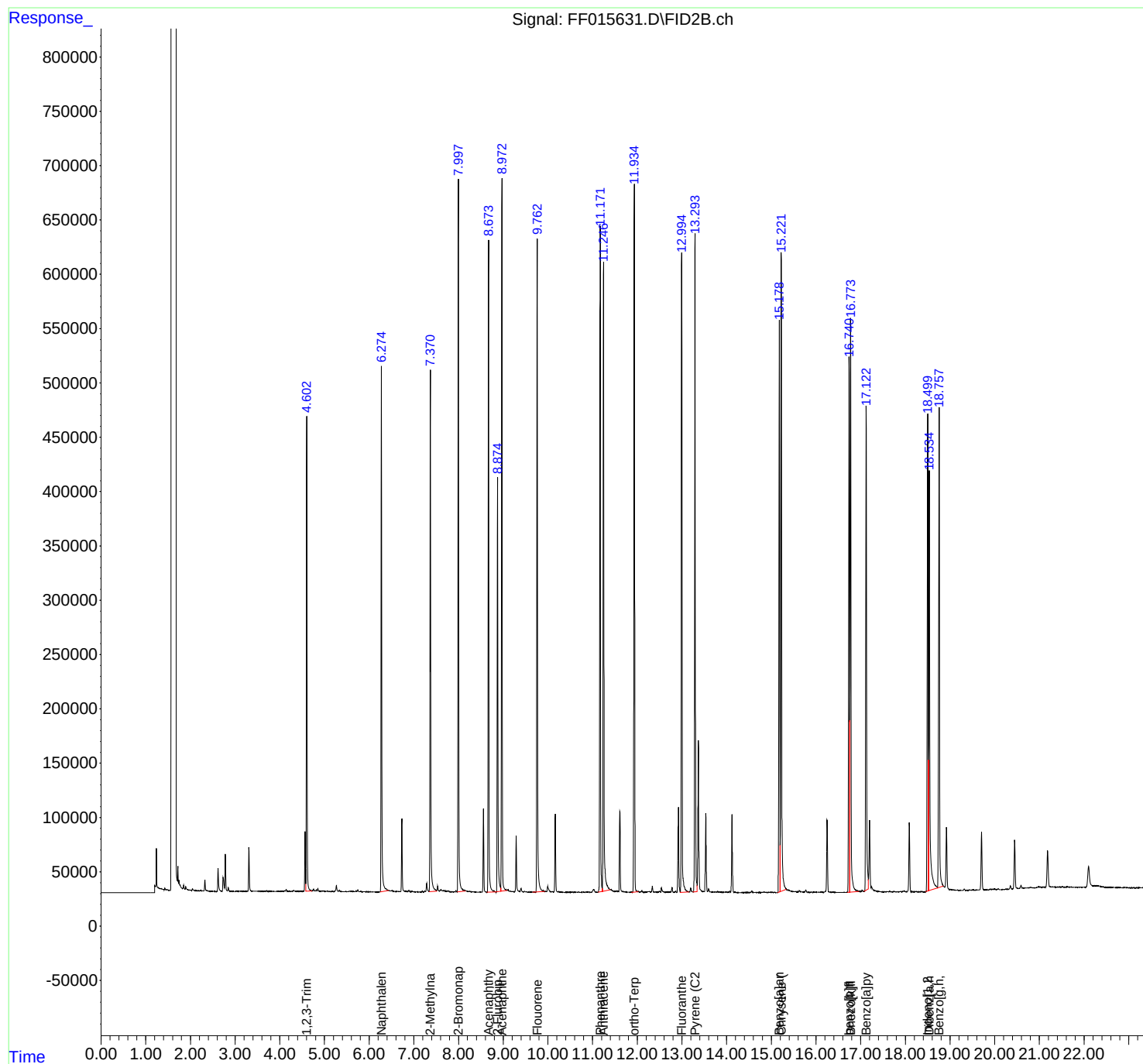
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
Data File : FF015631.D
Signal(s) : FID2B.ch
Acq On : 10 Mar 2025 17:46
Operator : YP\AJ
Sample : PB167058BSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB167058BSD

Integration File: autoint1.e
Quant Time: Mar 11 03:22:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Quant Title : GC Extractables
QLast Update : Wed Feb 26 12:36:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015631.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 17:46
 Sample : PB167058BSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.603	4.584	4.727	VB	437069	4491192	57.46%	3.379%
2	6.274	6.245	6.437	BB	483497	5225784	66.86%	3.932%
3	7.370	7.339	7.512	PV	478895	5253176	67.21%	3.953%
4	7.997	7.969	8.160	PB	656019	6861975	87.79%	5.163%
5	8.673	8.632	8.830	BBA	596827	6294057	80.52%	4.736%
6	8.874	8.830	8.944	BV	381002	4252404	54.40%	3.200%
7	8.972	8.944	9.087	VV	657903	6763066	86.52%	5.089%
8	9.762	9.654	9.934	BB	602375	6670028	85.33%	5.019%
9	11.171	11.120	11.218	BV	611709	6781201	86.76%	5.102%
10	11.246	11.218	11.400	VBA	580008	6827746	87.35%	5.137%
11	11.935	11.867	12.022	BB	651600	7259660	92.88%	5.462%
12	12.993	12.964	13.162	VB	589805	7078040	90.55%	5.326%
13	13.292	13.240	13.340	BV	600210	7020250	89.81%	5.282%
14	15.178	15.140	15.198	BV	526661	6514139	83.34%	4.901%
15	15.221	15.198	15.340	VBA	584008	7816361	100.00%	5.881%
16	16.740	16.699	16.755	BV	492671	6492778	83.07%	4.885%
17	16.773	16.755	16.967	VB	530972	6889705	88.14%	5.184%
18	17.122	17.070	17.171	BV	445416	6032279	77.18%	4.539%
19	18.500	18.450	18.515	BV	439986	5980933	76.52%	4.500%
20	18.534	18.515	18.719	VV	386081	6283187	80.39%	4.728%
21	18.756	18.719	18.850	VBA	437363	6114763	78.23%	4.601%
Sum of corrected areas:						132902723		

Aromatic EPH 022625.M Tue Mar 11 03:59:58 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015634.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 19:14
 Operator : YP\AJ
 Sample : Q1488-01MS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

ENV-101-SB01MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/11/2025

Supervised By :Ankita Jodhani 03/11/2025

Integration File: autoint1.e

Quant Time: Mar 11 03:24:04 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M

Quant Title : GC Extractables

QLast Update : Wed Feb 26 12:36:06 2025

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.997	6376280	54.772 ug/ml
Spiked Amount 50.000		Recovery =	109.54%
6) S 2-Fluorobiphenyl (SURR)	8.875	3847204	54.010 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.02%
11) S ortho-Terphenyl (SURR)	11.934	4755517	32.328 ug/ml
Spiked Amount 50.000		Recovery =	64.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	4287013	33.208 ug/ml
2) T Naphthalene (C11.7)	6.275	4728989	37.054 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	4613932	36.440 ug/ml
5) T Acenaphthylene (C15.06)	8.673	5488943	38.831 ug/ml
7) T Acenaphthene (C15.5)	8.971	5941626	41.717 ug/ml
8) T Flouorene (C16.55)	9.762	5982248	44.958 ug/ml
9) T Phenanthrene (C19.36)	11.170	6154497	47.314 ug/ml
10) T Anthracene (C19.43)	11.245	6129272	48.936 ug/ml
12) T Fluoranthene (C21.85)	12.994	6454604	45.706 ug/ml
13) T Pyrene (C20.8)	13.292	6386504	44.423 ug/ml
14) T Benzo[a]anthracene (C...	15.177	5803370	49.405 ug/ml
15) T Chrysene (C27.41)	15.219	6980582	46.736 ug/ml
16) T benzo[b]fluoranthene ...	16.740	5812993	44.633 ug/ml
17) T Bnezo[k]fluoranthene ...	16.772	6180819	41.422 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.120	5381621	42.406 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.499	5193699	50.742 ug/mlm
20) T Dibenz[a,h]anthracene...	18.531	5339576	41.297 ug/ml
21) T Benzo[g,h,i]perylene ...	18.753	5437974	43.699 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
Data File : FF015634.D
Signal(s) : FID2B.ch
Acq On : 10 Mar 2025 19:14
Operator : YP\AJ
Sample : Q1488-01MS
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

ENV-101-SB01MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/11/2025

Supervised By :Ankita Jodhani 03/11/2025

Integration File: autoint1.e

Quant Time: Mar 11 03:24:04 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M

Quant Title : GC Extractables

QLast Update : Wed Feb 26 12:36:06 2025

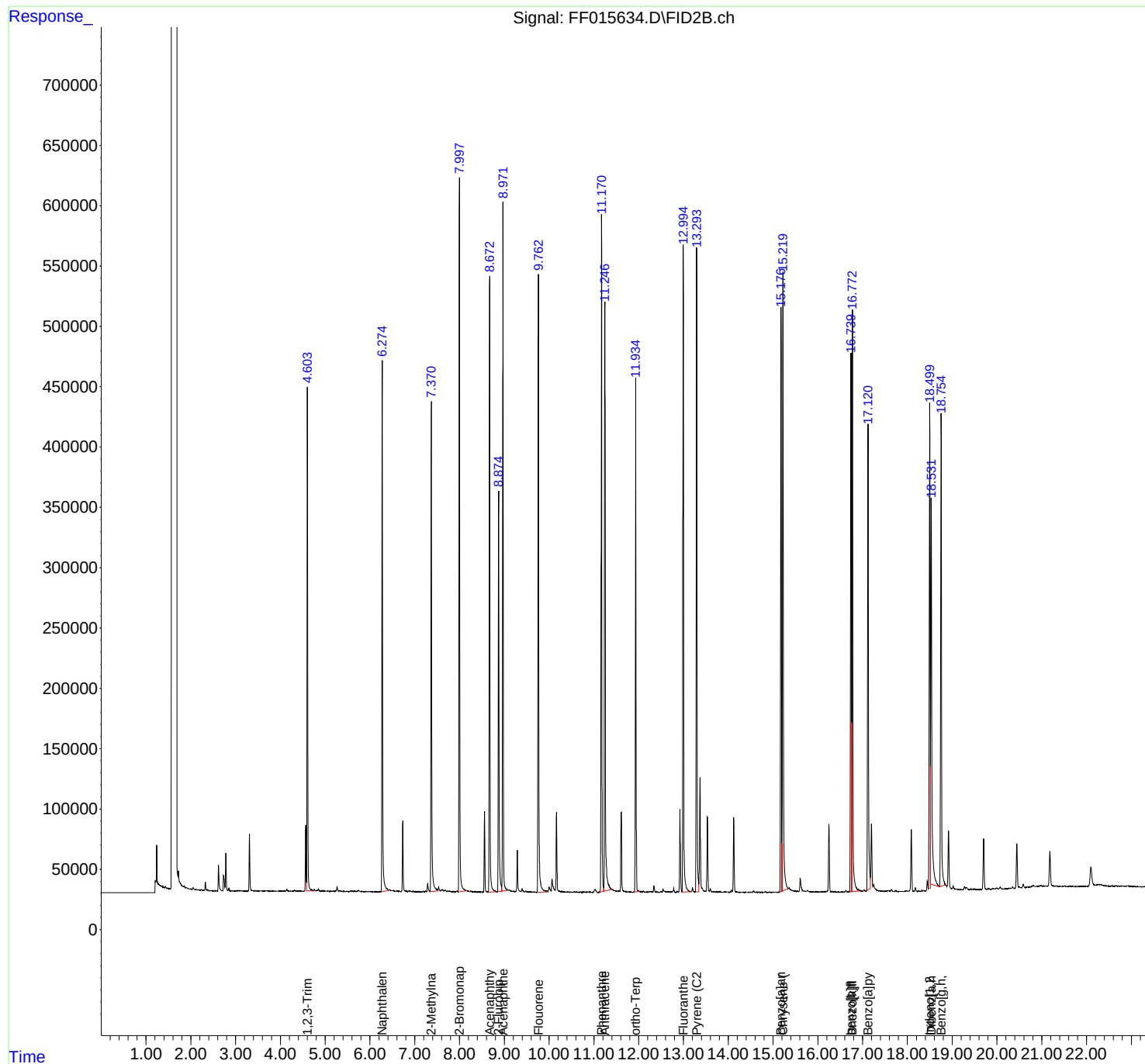
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm



rteres

Instrument :

FID_F

ClientSampleId :

ENV-101-SB01MS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/11/2025

Supervised By :Ankita Jodhani 03/11/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF03102
 Data File : FF015634.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 19:14
 Sample : Q1488-01MS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.566	4.507	4.584	BV	54787	566878	8.12%	0.444%
2	4.603	4.584	4.732	VB	419253	4287013	61.41%	3.355%
3	5.267	5.204	5.314	BV	3609	49638	0.71%	0.039%
4	6.275	6.247	6.429	BV	439443	4728989	67.74%	3.701%
5	6.733	6.684	6.792	BV	58192	632538	9.06%	0.495%
6	7.289	7.216	7.341	BV	6706	106406	1.52%	0.083%
7	7.371	7.341	7.514	VV	405738	4613932	66.10%	3.611%
8	7.535	7.514	7.572	VV	3295	43826	0.63%	0.034%
9	7.997	7.969	8.166	BB	592318	6376280	91.34%	4.990%
10	8.560	8.521	8.626	BB	66691	715981	10.26%	0.560%
11	8.673	8.631	8.830	BBA	510392	5488943	78.63%	4.295%
12	8.875	8.846	8.944	BV	332469	3847204	55.11%	3.011%
13	8.971	8.944	9.091	VV	571018	5941626	85.12%	4.649%
14	9.293	9.231	9.369	BB	34266	386854	5.54%	0.303%
15	9.762	9.729	9.974	BB	514364	5982248	85.70%	4.681%
16	9.999	9.976	10.047	BV	3892	79854	1.14%	0.062%
17	10.066	10.047	10.138	VV	9828	205939	2.95%	0.161%
18	10.167	10.138	10.234	VB	65719	768957	11.02%	0.602%
19	11.170	11.121	11.221	BV	562005	6154497	88.17%	4.816%
20	11.245	11.221	11.401	VBA	489151	6129272	87.80%	4.796%
21	11.610	11.571	11.679	BB	65557	802529	11.50%	0.628%
22	11.934	11.871	12.011	BB	426938	4755517	68.12%	3.721%
23	12.340	12.291	12.384	BB	4871	58217	0.83%	0.046%
24	12.922	12.889	12.962	PV	68602	860427	12.33%	0.673%
25	12.994	12.962	13.157	VB	539336	6454604	92.47%	5.051%
26	13.199	13.172	13.240	BBA	3322	43658	0.63%	0.034%
27	13.292	13.259	13.342	BV	534177	6386504	91.49%	4.998%
28	13.368	13.342	13.472	VB	94152	1331767	19.08%	1.042%
29	13.534	13.474	13.572	BV	61743	760942	10.90%	0.595%
30	14.121	14.092	14.174	VB	61975	770259	11.03%	0.603%
31	15.177	15.137	15.196	BV	483521	5803370	83.14%	4.541%
32	15.219	15.196	15.341	VBA	514065	6980582	100.00%	5.462%
33	15.607	15.547	15.694	BB	10636	191846	2.75%	0.150%
34	16.247	16.184	16.282	BB	56085	754934	10.81%	0.591%
35	16.740	16.702	16.755	BV	446867	5812993	83.27%	4.549%
36	16.772	16.755	16.961	VB	484127	6180819	88.54%	4.837%

	Area	Height	Retention	Integration	Area	Height	Retention	Integration	Area	Height	Retention	Integration
37	17.120	17.071	17.172	BV	387572	5381621	77.09%	4.211%				
38	17.197	17.172	17.229	VV	53020	776583						
39	18.087	18.011	18.141	BB	51274	730166						
40	18.444	18.397	18.450	BBA	2594	-4776						
41	18.499	18.451	18.514	BV	399805	5074495						
42	18.531	18.514	18.712	VV	318781	5339576						
43	18.753	18.712	18.851	PBA	393838	5437974	77.90%	4.255%				
Sum of corrected areas: 127791480												

Instrument :

FID_F

ClientSampleId :

ENV-101-SB01MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/11/2025
 Supervised By :Ankita Jodhani 03/11/2025

Aromatic EPH 022625.M Tue Mar 11 04:31:26 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052713.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 22:32
 Operator : YP\AJ
 Sample : Q1488-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ENV-101-SB01MS

Integration File: autoint1.e
 Quant Time: Mar 11 05:24:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.358	4515939	37.191 ug/ml
Spiked Amount 50.000		Recovery =	74.38%
Target Compounds			
1) T n-Nonane (C9)	3.251	3926499	25.324 ug/ml
2) T n-Decane (C10)	4.512	4725334	30.079 ug/ml
4) T n-Dodecane (C12)	6.694	5189852	33.333 ug/ml
6) T n-Tetradecane (C14)	8.532	5619054	37.136 ug/ml
7) T n-Hexadecane (C16)	10.148	6134619	40.125 ug/ml
8) T n-Octadecane (C18)	11.598	6467491	42.510 ug/ml
10) T n-Eicosane (C20)	12.913	6560393	45.190 ug/ml
11) T n-Heneicosane (C21)	13.527	6286711	44.170 ug/ml
13) T n-Docosane (C22)	14.115	6285602	44.169 ug/ml
14) T n-Tetracosane (C24)	15.222	6226039	43.506 ug/ml
15) T n-Hexacosane (C26)	16.246	6171430	43.401 ug/ml
16) T n-Octacosane (C28)	17.198	6117068	43.019 ug/ml
17) T n-Tricontane (C30)	18.088	6214716	42.076 ug/ml
18) T n-Dotriacontane (C32)	18.924	6240074	42.982 ug/ml
19) T n-Tetratriacontane (C34)	19.710	6279158	46.588 ug/ml
20) T n-Hexatriacontane (C36)	20.453	6191104	52.103 ug/ml
21) T n-Octatriacontane (C38)	21.196	6275071	56.565 ug/ml
22) T n-Tetracontane (C40)	22.122	6329171	58.541 ug/ml

(f)=RT Delta > 1/2 Window

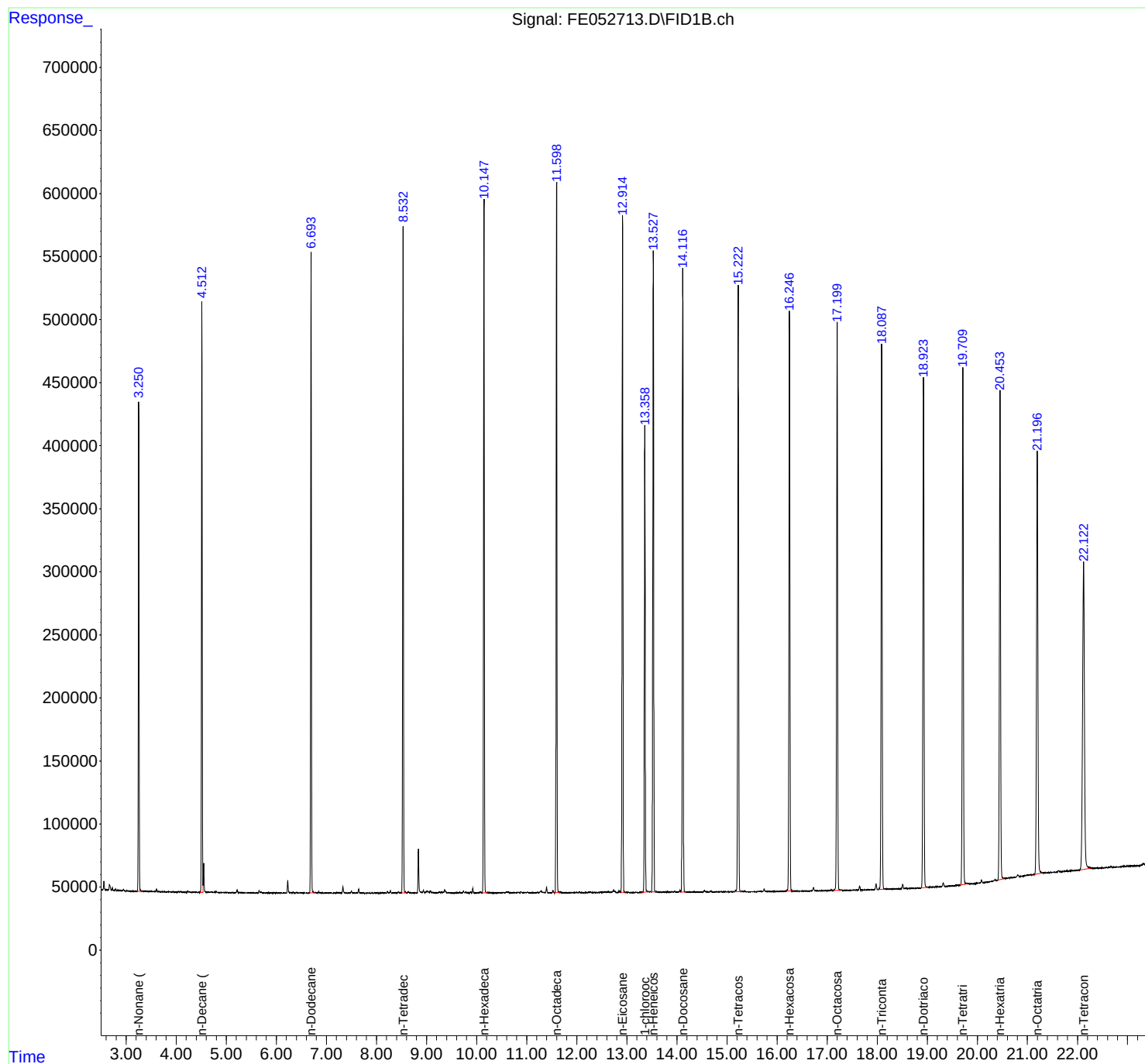
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052713.D
Signal(s) : FID1B.ch
Acq On : 10 Mar 2025 22:32
Operator : YP\AJ
Sample : Q1488-01MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
ENV-101-SB01MS

Integration File: autoint1.e
Quant Time: Mar 11 05:24:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052713.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 22:32
 Sample : Q1488-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.555	2.531	2.614	BB	6999	69975	1.07%	0.062%
2	3.251	3.211	3.321	BB	388027	3926499	59.85%	3.488%
3	4.512	4.471	4.536	BV	465144	4725334	72.03%	4.198%
4	4.549	4.536	4.608	VB	22925	238289	3.63%	0.212%
5	6.228	6.201	6.274	BB	9945	109711	1.67%	0.097%
6	6.694	6.658	6.761	BB	507152	5189852	79.11%	4.611%
7	8.532	8.494	8.604	BB	526459	5619054	85.65%	4.992%
8	8.838	8.798	8.914	BB	35016	392042	5.98%	0.348%
9	10.148	10.111	10.218	BB	549665	6134619	93.51%	5.450%
10	11.598	11.554	11.661	PB	563375	6467491	98.58%	5.746%
11	12.913	12.872	12.964	PB	538710	6560393	100.00%	5.828%
12	13.358	13.298	13.434	BB	369939	4515939	68.84%	4.012%
13	13.527	13.484	13.591	BB	510532	6286711	95.83%	5.585%
14	14.115	14.077	14.188	VB	489887	6285602	95.81%	5.584%
15	15.222	15.144	15.294	BB	477358	6226039	94.90%	5.531%
16	16.246	16.178	16.314	BB	455802	6171430	94.07%	5.483%
17	17.198	17.128	17.271	BB	447635	6117068	93.24%	5.434%
18	18.088	18.021	18.154	BB	433849	6214716	94.73%	5.521%
19	18.924	18.871	19.014	BB	403051	6240074	95.12%	5.544%
20	19.710	19.651	19.804	BB	408851	6279158	95.71%	5.578%
21	20.453	20.401	20.534	BB	386412	6191104	94.37%	5.500%
22	21.196	21.131	21.311	BB	333367	6275071	95.65%	5.575%
23	22.122	22.041	22.271	BB	243759	6329171	96.48%	5.623%

Sum of corrected areas: 112565338

Aliphatic EPH 030325.M Tue Mar 11 06:21:04 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015635.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 19:43
 Operator : YP\AJ
 Sample : Q1488-01MSD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

ENV-101-SB01MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/11/2025

Supervised By :Ankita Jodhani 03/11/2025

Integration File: autoint1.e

Quant Time: Mar 11 03:24:37 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M

Quant Title : GC Extractables

QLast Update : Wed Feb 26 12:36:06 2025

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.997	6125678	52.619 ug/ml
Spiked Amount 50.000		Recovery =	105.24%
6) S 2-Fluorobiphenyl (SURR)	8.875	3708178	52.058 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.12%
11) S ortho-Terphenyl (SURR)	11.934	4585479	31.172 ug/ml
Spiked Amount 50.000		Recovery =	62.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	4111239	31.846 ug/ml
2) T Naphthalene (C11.7)	6.275	4526606	35.468 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	4432188	35.004 ug/ml
5) T Acenaphthylene (C15.06)	8.673	5277450	37.335 ug/ml
7) T Acenaphthene (C15.5)	8.971	5794370	40.683 ug/ml
8) T Flouorene (C16.55)	9.762	5723946	43.017 ug/ml
9) T Phenanthrene (C19.36)	11.170	5935463	45.631 ug/ml
10) T Anthracene (C19.43)	11.245	5909263	47.179 ug/ml
12) T Fluoranthene (C21.85)	12.993	6241118	44.194 ug/ml
13) T Pyrene (C20.8)	13.292	6164085	42.876 ug/ml
14) T Benzo[a]anthracene (C...	15.177	5614385	47.796 ug/ml
15) T Chrysene (C27.41)	15.220	6749937	45.192 ug/ml
16) T benzo[b]fluoranthene ...	16.739	5614781	43.111 ug/ml
17) T Bnezo[k]fluoranthene ...	16.772	5987374	40.126 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.120	5198895	40.966 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.498	4934634	48.211 ug/mlm
20) T Dibenz[a,h]anthracene...	18.531	5179421	40.058 ug/ml
21) T Benzo[g,h,i]perylene ...	18.753	5263590	42.298 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
Data File : FF015635.D
Signal(s) : FID2B.ch
Acq On : 10 Mar 2025 19:43
Operator : YP\AJ
Sample : Q1488-01MSD
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

ENV-101-SB01MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/11/2025

Supervised By :Ankita Jodhani 03/11/2025

Integration File: autoint1.e

Quant Time: Mar 11 03:24:37 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M

Quant Title : GC Extractables

QLast Update : Wed Feb 26 12:36:06 2025

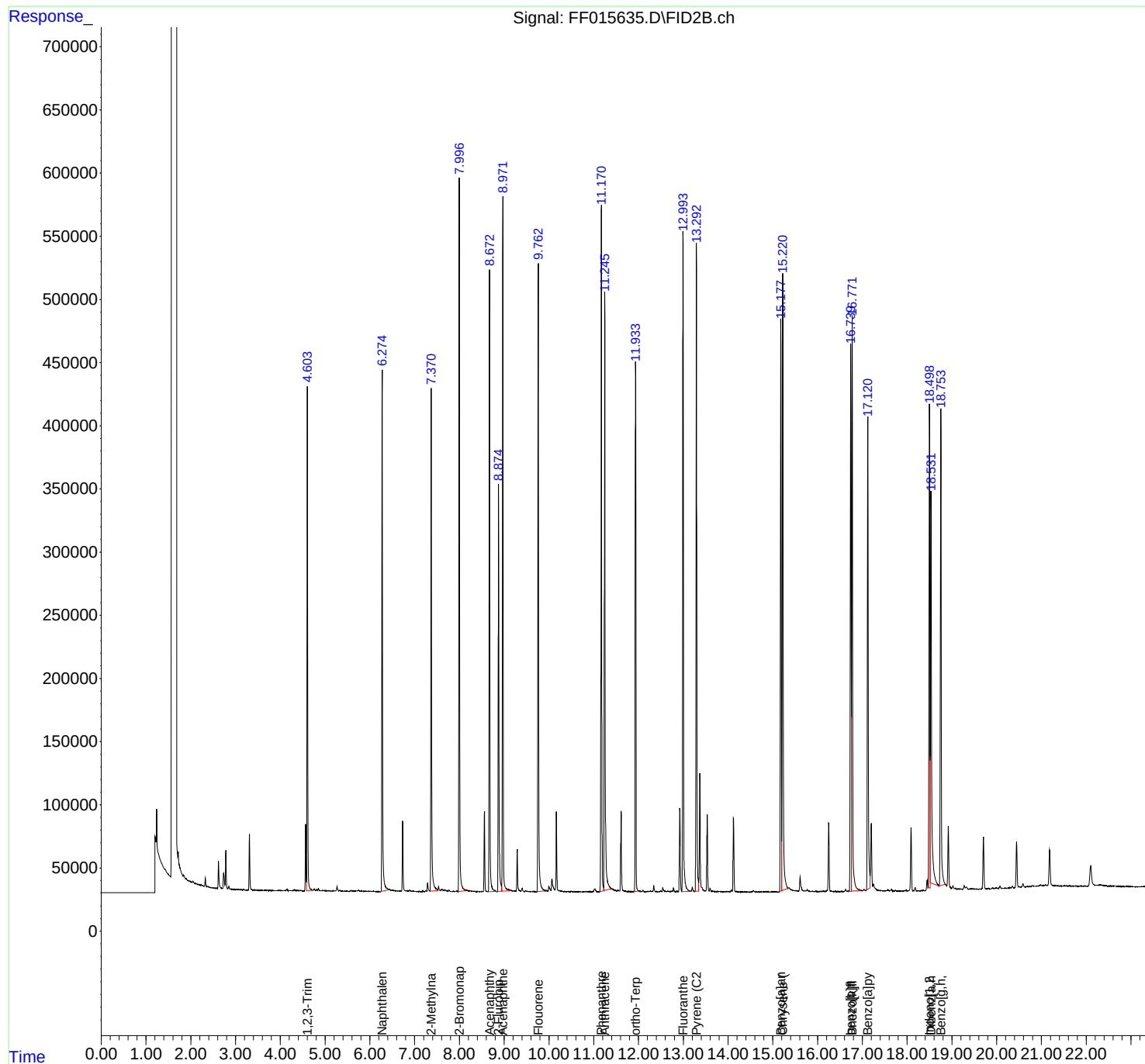
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm



rteres

Instrument :

FID_F

ClientSampleId :

ENV-101-SB01MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/11/2025

Supervised By :Ankita Jodhani 03/11/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF03102
 Data File : FF015635.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 19:43
 Sample : Q1488-01MSD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.567	4.507	4.583	BV	52516	538731	7.98%	0.437%
2	4.603	4.583	4.724	VB	399109	4111239	60.91%	3.336%
3	5.268	5.207	5.312	BV	3476	48919	0.72%	0.040%
4	6.275	6.220	6.430	BV	411716	4526606	67.06%	3.673%
5	6.734	6.674	6.794	BV	55217	607055	8.99%	0.493%
6	7.289	7.212	7.340	BV	6505	99683	1.48%	0.081%
7	7.371	7.340	7.515	VV	397676	4432188	65.66%	3.596%
8	7.535	7.515	7.570	VV	3209	43167	0.64%	0.035%
9	7.997	7.972	8.159	BB	563426	6125678	90.75%	4.970%
10	8.560	8.505	8.620	BB	63166	682636	10.11%	0.554%
11	8.673	8.620	8.830	BBA	492496	5277450	78.19%	4.282%
12	8.875	8.830	8.945	BV	321617	3708178	54.94%	3.009%
13	8.971	8.945	9.149	VB	549044	5794370	85.84%	4.701%
14	9.293	9.182	9.364	BB	33051	368400	5.46%	0.299%
15	9.762	9.709	9.937	BV	498503	5723946	84.80%	4.644%
16	9.999	9.974	10.046	BV	3916	75734	1.12%	0.061%
17	10.067	10.046	10.142	VV	9529	200549	2.97%	0.163%
18	10.167	10.142	10.224	VB	62903	737667	10.93%	0.599%
19	11.170	11.120	11.220	BV	543593	5935463	87.93%	4.816%
20	11.245	11.220	11.400	VBA	473680	5909263	87.55%	4.795%
21	11.611	11.570	11.684	BB	63100	774829	11.48%	0.629%
22	11.934	11.877	12.007	BB	419933	4585479	67.93%	3.721%
23	12.339	12.294	12.385	BB	4753	58599	0.87%	0.048%
24	12.921	12.885	12.964	PV	66089	830248	12.30%	0.674%
25	12.993	12.964	13.174	VB	522106	6241118	92.46%	5.064%
26	13.292	13.240	13.342	BV	513200	6164085	91.32%	5.001%
27	13.368	13.342	13.475	VB	93058	1288213	19.08%	1.045%
28	13.533	13.479	13.574	BV	60062	735531	10.90%	0.597%
29	14.120	14.091	14.179	VB	58064	743446	11.01%	0.603%
30	15.177	15.130	15.197	BV	453476	5614385	83.18%	4.555%
31	15.220	15.197	15.340	VBA	489065	6749937	100.00%	5.477%
32	15.607	15.550	15.700	BB	10920	193123	2.86%	0.157%
33	16.247	16.160	16.287	BB	54344	731513	10.84%	0.594%
34	16.739	16.677	16.754	BV	432186	5614781	83.18%	4.556%
35	16.772	16.754	16.964	VB	457278	5987374	88.70%	4.858%
36	17.120	17.070	17.172	BV	374120	5198895	77.02%	4.218%

							Instrument :	
							FID_F	
							ClientSampleId :	
							ENV-101-SB01MSD	
							rteres	
37	17.197	17.172	17.230	VV	50697	755287	11.19%	0.613%
38	18.086	18.012	18.144	BB	50337	704846	10.19%	0.613%
39	18.498	18.450	18.514	BV	380560	4886053	72.02%	0.613%
40	18.531	18.514	18.715	VV	310140	5179421	76.80%	0.613%
41	18.753	18.715	18.850	PBA	374708	5263590	77.80%	0.613%
Sum of corrected areas:							1232	

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/11/2025
 Supervised By :Ankita Jodhani 03/11/2025

Aromatic EPH 022625.M Tue Mar 11 04:31:48 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052714.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 23:03
 Operator : YP\AJ
 Sample : Q1488-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ENV-101-SB01MSD

Integration File: autoint1.e
 Quant Time: Mar 11 05:24:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.358	4685264	38.585 ug/ml
Spiked Amount 50.000		Recovery =	77.17%
Target Compounds			
1) T n-Nonane (C9)	3.251	3992647	25.751 ug/ml
2) T n-Decane (C10)	4.512	4811237	30.626 ug/ml
4) T n-Dodecane (C12)	6.694	5292645	33.993 ug/ml
6) T n-Tetradecane (C14)	8.532	5735650	37.907 ug/ml
7) T n-Hexadecane (C16)	10.147	6252593	40.897 ug/ml
8) T n-Octadecane (C18)	11.597	6578667	43.241 ug/ml
10) T n-Eicosane (C20)	12.912	6668442	45.934 ug/ml
11) T n-Heneicosane (C21)	13.526	6390314	44.898 ug/ml
13) T n-Docosane (C22)	14.115	6386541	44.878 ug/ml
14) T n-Tetracosane (C24)	15.222	6323730	44.188 ug/ml
15) T n-Hexacosane (C26)	16.247	6293313	44.259 ug/ml
16) T n-Octacosane (C28)	17.198	6250184	43.955 ug/ml
17) T n-Tricontane (C30)	18.089	6337909	42.911 ug/ml
18) T n-Dotriacontane (C32)	18.924	6355288	43.775 ug/ml
19) T n-Tetratriacontane (C34)	19.710	6368875	47.254 ug/ml
20) T n-Hexatriacontane (C36)	20.452	6272863	52.791 ug/ml
21) T n-Octatriacontane (C38)	21.195	6365465	57.380 ug/ml
22) T n-Tetracontane (C40)	22.118	6423303	59.411 ug/ml

(f)=RT Delta > 1/2 Window

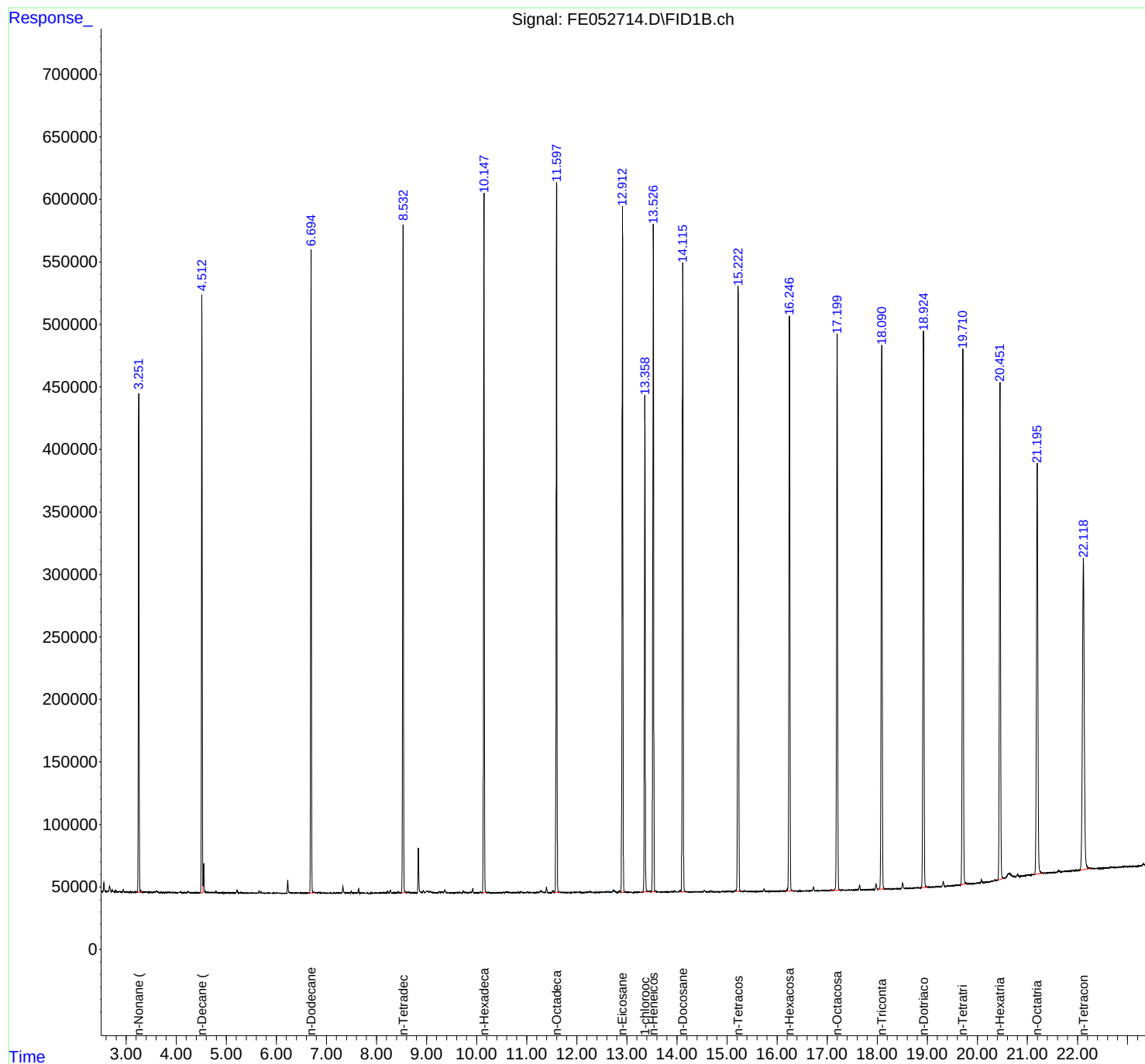
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052714.D
Signal(s) : FID1B.ch
Acq On : 10 Mar 2025 23:03
Operator : YP\AJ
Sample : Q1488-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
ENV-101-SB01MSD

Integration File: autoint1.e
Quant Time: Mar 11 05:24:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052714.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 23:03
 Sample : Q1488-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.555	2.531	2.618	BB	7137	73710	1.11%	0.064%
2	3.251	3.218	3.321	BB	398705	3992647	59.87%	3.484%
3	4.512	4.474	4.536	BV	475837	4811237	72.15%	4.198%
4	4.549	4.536	4.611	VB	23212	242270	3.63%	0.211%
5	6.228	6.198	6.278	BB	10297	113007	1.69%	0.099%
6	6.694	6.651	6.754	BB	515731	5292645	79.37%	4.618%
7	8.532	8.494	8.601	BV	531369	5735650	86.01%	5.005%
8	8.837	8.701	8.901	BB	35549	387826	5.82%	0.338%
9	10.147	10.104	10.204	BB	561197	6252593	93.76%	5.456%
10	11.597	11.554	11.658	PB	572601	6578667	98.65%	5.740%
11	12.912	12.872	12.964	PB	546952	6668442	100.00%	5.819%
12	13.358	13.298	13.438	BB	396329	4685264	70.26%	4.088%
13	13.526	13.484	13.588	BB	535640	6390314	95.83%	5.576%
14	14.115	14.077	14.178	VB	503417	6386541	95.77%	5.573%
15	15.222	15.183	15.281	VB	479277	6323730	94.83%	5.518%
16	16.247	16.171	16.321	BB	457285	6293313	94.37%	5.491%
17	17.198	17.058	17.268	BB	445231	6250184	93.73%	5.454%
18	18.089	18.018	18.158	BB	435734	6337909	95.04%	5.530%
19	18.924	18.871	19.011	BB	447217	6355288	95.30%	5.546%
20	19.710	19.651	19.774	BB	428119	6368875	95.51%	5.557%
21	20.452	20.401	20.528	BB	397138	6272863	94.07%	5.474%
22	21.195	21.131	21.321	BB	328488	6365465	95.46%	5.554%
23	22.118	22.041	22.264	BB	249109	6423303	96.32%	5.605%

Sum of corrected areas: 114601739

Aliphatic EPH 030325.M Tue Mar 11 06:21:23 2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:

FC021125AL

Instrument

FID_c

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:

FC030525AL

Instrument

FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FC068368.D	n-Tetracosane (C24)	yogesh	3/6/2025 7:46:57 AM	mohammad	3/7/2025 1:37:01	Peak Integrated by Software
PB166976BS	FC068370.D	n-Nonane (C9)	yogesh	3/6/2025 7:46:59 AM	mohammad	3/7/2025 1:37:05	Peak Integrated by Software
PB166976BSD	FC068371.D	n-Nonane (C9)	yogesh	3/6/2025 7:47:00 AM	mohammad	3/7/2025 1:37:08	Peak Integrated by Software

Manual Integration Report

Sequence:

FD021125AR

Instrument

FID_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM AROMATIC HC	FD049077.D	Indeno[1,2,3-cd]pyrene (C35.01)	yogesh	2/11/2025 7:39:10 AM	Ankita	2/11/2025 9:13:40	Peak Integrated by Software
20 PPM AROMATIC HC	FD049079.D	Indeno[1,2,3-cd]pyrene (C35.01)	yogesh	2/11/2025 7:39:12 AM	Ankita	2/11/2025 9:13:41	Peak Integrated by Software



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:

FD030525AR

Instrument

FID_d

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FE030325AL	Instrument	FID_e
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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Manual Integration Report

Sequence:

FE031025AL

Instrument

FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1508-01DL	FE052693.D	1-chlorooctadecane (SURR)	yogesh	3/11/2025 8:09:43 AM	Ankita	3/11/2025 9:25:02	Peak Integrated by Software
Q1508-01DL	FE052693.D	ortho-Terphenyl (SURR)	yogesh	3/11/2025 8:09:43 AM	Ankita	3/11/2025 9:25:02	Peak Integrated by Software
Q1508-02DL	FE052694.D	ortho-Terphenyl (SURR)	yogesh	3/11/2025 8:09:45 AM	Ankita	3/11/2025 9:25:03	Peak Integrated by Software

Manual Integration Report

Sequence:	FF022625AR	Instrument	FID_f
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM AROMATIC HC	FF015532.D	Indeno[1,2,3-cd]pyrene (C35.01)	yogesh	2/26/2025 3:00:00 PM	Ankita	2/27/2025 8:55:09	Peak Integrated by Software
20 PPM AROMATIC HC	FF015534.D	Indeno[1,2,3-cd]pyrene (C35.01)	yogesh	2/26/2025 2:59:58 PM	Ankita	2/27/2025 8:55:10	Peak Integrated by Software

Manual Integration Report

Sequence:	FF031025AR	Instrument	FID_f
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1488-01MS	FF015634.D	Indeno[1,2,3-cd]pyrene (C35.01)	yogesh	3/11/2025 7:58:21 AM	Ankita	3/11/2025 9:25:32	Peak Integrated by Software
Q1488-01MSD	FF015635.D	Indeno[1,2,3-cd]pyrene (C35.01)	yogesh	3/11/2025 7:58:22 AM	Ankita	3/11/2025 9:25:34	Peak Integrated by Software

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC021125AL

Review By	yogesh	Review On	2/10/2025 4:11:01 PM
Supervise By	Ankita	Supervise On	2/11/2025 9:13:33 AM
SubDirectory	FC021125AL	HP Acquire Method	HP Processing Method FC021125AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC068250.D	10 Feb 2025 15:12	YP/AJ	Ok
2	I.BLK	FC068251.D	10 Feb 2025 15:48	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC068252.D	10 Feb 2025 16:24	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC068253.D	10 Feb 2025 17:01	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC068254.D	10 Feb 2025 17:38	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC068255.D	10 Feb 2025 18:14	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC068256.D	10 Feb 2025 18:50	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC068257.D	10 Feb 2025 19:26	YP/AJ	Ok
9	I.BLK	FC068258.D	10 Feb 2025 20:39	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC068259.D	10 Feb 2025 21:16	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC030525AL

Review By	yogesh	Review On	3/5/2025 3:16:09 PM
Supervise By	mohammad	Supervise On	3/8/2025 4:27:39 AM
SubDirectory	FC030525AL	HP Acquire Method	HP Processing Method FC021125AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC068366.D	05 Mar 2025 10:12	YP/AJ	Ok
2	I.BLK	FC068367.D	05 Mar 2025 13:31	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC068368.D	05 Mar 2025 15:22	YP/AJ	Ok,M
4	PB166976BL	FC068369.D	05 Mar 2025 15:58	YP/AJ	Ok
5	PB166976BS	FC068370.D	05 Mar 2025 16:35	YP/AJ	Ok,M
6	PB166976BSD	FC068371.D	05 Mar 2025 17:12	YP/AJ	Ok,M
7	Q1480-33	FC068372.D	05 Mar 2025 17:50	YP/AJ	Ok
8	Q1488-13	FC068373.D	05 Mar 2025 18:27	YP/AJ	Ok
9	Q1488-14	FC068374.D	05 Mar 2025 19:04	YP/AJ	Ok
10	I.BLK	FC068375.D	05 Mar 2025 19:41	YP/AJ	Ok
11	20 PPM ALIPHATIC HC STD	FC068376.D	05 Mar 2025 20:18	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD021125AR

Review By	yogesh	Review On	2/10/2025 4:12:05 PM
Supervise By	Ankita	Supervise On	2/11/2025 9:13:44 AM
SubDirectory	FD021125AR	HP Acquire Method	HP Processing Method FD021125AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23968,PP23970,PP23971,PP23972,PP23973		
CCC Internal Standard/PEM	PP23971		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23969,PP23974		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FD049070.D	10 Feb 2025 12:09	YP/AJ	Ok
2	I.BLK	FD049071.D	10 Feb 2025 12:45	YP/AJ	Ok
3	100 PPM AROMATIC HC STD1	FD049072.D	10 Feb 2025 13:22	YP/AJ	Ok
4	50 PPM AROMATIC HC STD2	FD049073.D	10 Feb 2025 13:58	YP/AJ	Ok
5	20 PPM AROMATIC HC STD3	FD049074.D	10 Feb 2025 14:35	YP/AJ	Ok
6	10 PPM AROMATIC HC STD4	FD049075.D	10 Feb 2025 15:12	YP/AJ	Ok
7	5 PPM AROMATIC HC STD5	FD049076.D	10 Feb 2025 15:48	YP/AJ	Ok
8	20 PPM AROMATIC HC STD ICV	FD049077.D	10 Feb 2025 16:24	YP/AJ	Ok,M
9	I.BLK	FD049078.D	10 Feb 2025 17:01	YP/AJ	Ok
10	20 PPM AROMATIC HC STD	FD049079.D	10 Feb 2025 17:38	YP/AJ	Ok,M

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD030525AR

Review By	yogesh	Review On	3/5/2025 3:17:07 PM
Supervise By	mohammad	Supervise On	3/8/2025 4:35:54 AM
SubDirectory	FD030525AR	HP Acquire Method	HP Processing Method FD021125AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23968,PP23970,PP23971,PP23972,PP23973		
CCC Internal Standard/PEM	PP23971		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23969,PP24199		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FD049156.D	05 Mar 2025 10:12	YP/AJ	Ok
2	I.BLK	FD049157.D	05 Mar 2025 13:31	YP/AJ	Ok
3	20 PPM AROMATIC HC STD	FD049158.D	05 Mar 2025 15:22	YP/AJ	Ok
4	PB166976BL	FD049159.D	05 Mar 2025 15:58	YP/AJ	Ok
5	PB166976BS	FD049160.D	05 Mar 2025 16:35	YP/AJ	Ok
6	PB166976BSD	FD049161.D	05 Mar 2025 17:12	YP/AJ	Ok
7	Q1480-33	FD049162.D	05 Mar 2025 17:50	YP/AJ	Ok
8	Q1488-13	FD049163.D	05 Mar 2025 18:27	YP/AJ	Ok
9	Q1488-14	FD049164.D	05 Mar 2025 19:04	YP/AJ	Ok
10	I.BLK	FD049165.D	05 Mar 2025 19:41	YP/AJ	Ok
11	20 PPM AROMATIC HC STD	FD049166.D	05 Mar 2025 20:18	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE030325AL

Review By	yogesh	Review On	3/3/2025 1:02:44 PM
Supervise By	mohammad	Supervise On	3/7/2025 1:35:41 AM
SubDirectory	FE030325AL	HP Acquire Method	HP Processing Method FE030325AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE052572.D	03 Mar 2025 08:32	YP\AJ	Ok
2	I.BLK	FE052573.D	03 Mar 2025 09:02	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE052574.D	03 Mar 2025 11:03	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE052575.D	03 Mar 2025 11:34	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FE052576.D	03 Mar 2025 12:04	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE052577.D	03 Mar 2025 12:34	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE052578.D	03 Mar 2025 13:04	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FE052579.D	03 Mar 2025 13:35	YP\AJ	Ok
9	I.BLK	FE052580.D	03 Mar 2025 14:05	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE052581.D	03 Mar 2025 14:35	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE031025AL

Review By	yogesh	Review On	3/10/2025 11:00:03 AM
Supervise By	Ankita	Supervise On	3/11/2025 9:25:11 AM
SubDirectory	FE031025AL	HP Acquire Method	HP Processing Method FE030325AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE052690.D	10 Mar 2025 08:38	YP\AJ	Ok
2	I.BLK	FE052691.D	10 Mar 2025 09:09	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE052692.D	10 Mar 2025 10:09	YP\AJ	Ok
4	Q1508-01DL	FE052693.D	10 Mar 2025 11:00	YP\AJ	Ok,M
5	Q1508-02DL	FE052694.D	10 Mar 2025 11:30	YP\AJ	Ok,M
6	Q1518-01DL	FE052695.D	10 Mar 2025 12:00	YP\AJ	Ok
7	I.BLK	FE052696.D	10 Mar 2025 13:00	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD	FE052697.D	10 Mar 2025 13:31	YP\AJ	Ok
9	PB167046BL	FE052698.D	10 Mar 2025 14:01	YP\AJ	Ok
10	PB167046BS	FE052699.D	10 Mar 2025 14:31	YP\AJ	Ok
11	PB167046BSD	FE052700.D	10 Mar 2025 15:01	YP\AJ	Ok
12	Q1524-01	FE052701.D	10 Mar 2025 15:32	YP\AJ	Ok
13	Q1524-01D	FE052702.D	10 Mar 2025 16:01	YP\AJ	Ok
14	Q1524-01MS	FE052703.D	10 Mar 2025 16:31	YP\AJ	Ok
15	Q1524-01MSD	FE052704.D	10 Mar 2025 17:01	YP\AJ	Ok
16	Q1524-02	FE052705.D	10 Mar 2025 17:31	YP\AJ	Ok
17	I.BLK	FE052706.D	10 Mar 2025 18:32	YP\AJ	Ok
18	20 PPM ALIPHATIC HC STD	FE052707.D	10 Mar 2025 19:02	YP\AJ	Ok
19	PB167058BL	FE052708.D	10 Mar 2025 20:02	YP\AJ	Ok
20	PB167058BS	FE052709.D	10 Mar 2025 20:32	YP\AJ	Ok
21	PB167058BSD	FE052710.D	10 Mar 2025 21:02	YP\AJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE031025AL

Review By	yogesh	Review On	3/10/2025 11:00:03 AM
Supervise By	Ankita	Supervise On	3/11/2025 9:25:11 AM
SubDirectory	FE031025AL	HP Acquire Method	HP Processing Method FE030325AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24176 PP24174,PP24179		

22	Q1488-01	FE052711.D	10 Mar 2025 21:32	YP\AJ	Ok
23	Q1488-01D	FE052712.D	10 Mar 2025 22:02	YP\AJ	Ok
24	Q1488-01MS	FE052713.D	10 Mar 2025 22:32	YP\AJ	Ok
25	Q1488-01MSD	FE052714.D	10 Mar 2025 23:03	YP\AJ	Ok
26	Q1488-03	FE052715.D	10 Mar 2025 23:32	YP\AJ	Ok
27	Q1488-05	FE052716.D	11 Mar 2025 00:03	YP\AJ	Ok
28	Q1488-07	FE052717.D	11 Mar 2025 00:33	YP\AJ	Ok
29	Q1488-09	FE052718.D	11 Mar 2025 01:03	YP\AJ	Ok
30	Q1488-11	FE052719.D	11 Mar 2025 01:34	YP\AJ	Ok
31	Q1514-01	FE052720.D	11 Mar 2025 02:04	YP\AJ	Dilution
32	Q1514-03	FE052721.D	11 Mar 2025 02:34	YP\AJ	Ok
33	Q1514-05	FE052722.D	11 Mar 2025 03:04	YP\AJ	Ok
34	I.BLK	FE052723.D	11 Mar 2025 04:04	YP\AJ	Ok
35	20 PPM ALIPHATIC HC STD	FE052724.D	11 Mar 2025 04:34	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF022625AR

Review By	yogesh	Review On	2/26/2025 1:35:57 PM
Supervise By	Ankita	Supervise On	2/27/2025 8:55:13 AM
SubDirectory	FF022625AR	HP Acquire Method	HP Processing Method FF022625AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23968,PP24202,PP24203,PP24204,PP24205		
CCC Internal Standard/PEM	PP24203		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23969,PP24206		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF015525.D	25 Feb 2025 06:50	YP\AJ	Ok
2	I.BLK	FF015526.D	25 Feb 2025 07:19	YP\AJ	Ok
3	100 PPM AROMATIC HC STD1	FF015527.D	25 Feb 2025 09:00	YP\AJ	Ok
4	50 PPM AROMATIC HC STD2	FF015528.D	25 Feb 2025 09:30	YP\AJ	Ok
5	20 PPM AROMATIC HC STD3	FF015529.D	25 Feb 2025 09:59	YP\AJ	Ok
6	10 PPM AROMATIC HC STD4	FF015530.D	25 Feb 2025 10:28	YP\AJ	Ok
7	5 PPM AROMATIC HC STD5	FF015531.D	25 Feb 2025 10:58	YP\AJ	Ok
8	20 PPM AROMATIC HC STD ICV	FF015532.D	25 Feb 2025 11:27	YP\AJ	Ok,M
9	I.BLK	FF015533.D	25 Feb 2025 11:56	YP\AJ	Ok
10	20 PPM AROMATIC HC STD	FF015534.D	25 Feb 2025 12:26	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF031025AR

Review By	yogesh	Review On	3/10/2025 1:31:15 PM
Supervise By	Ankita	Supervise On	3/11/2025 9:25:39 AM
SubDirectory	FF031025AR	HP Acquire Method	HP Processing Method FF022625AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23968,PP24202,PP24203,PP24204,PP24205		
CCC Internal Standard/PEM	PP24203		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23969,PP24206		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF015626.D	10 Mar 2025 08:35	YP\AJ	Ok
2	I.BLK	FF015627.D	10 Mar 2025 13:00	YP\AJ	Ok
3	20 PPM AROMATIC HC STD	FF015628.D	10 Mar 2025 13:29	YP\AJ	Ok
4	PB167058BL	FF015629.D	10 Mar 2025 16:47	YP\AJ	Ok
5	PB167058BS	FF015630.D	10 Mar 2025 17:17	YP\AJ	Ok
6	PB167058BSD	FF015631.D	10 Mar 2025 17:46	YP\AJ	Ok
7	Q1488-01	FF015632.D	10 Mar 2025 18:15	YP\AJ	Ok
8	Q1488-01D	FF015633.D	10 Mar 2025 18:45	YP\AJ	Ok
9	Q1488-01MS	FF015634.D	10 Mar 2025 19:14	YP\AJ	Ok,M
10	Q1488-01MSD	FF015635.D	10 Mar 2025 19:43	YP\AJ	Ok,M
11	Q1488-03	FF015636.D	10 Mar 2025 20:13	YP\AJ	Ok
12	Q1488-05	FF015637.D	10 Mar 2025 20:42	YP\AJ	Ok
13	Q1488-07	FF015638.D	10 Mar 2025 21:11	YP\AJ	Ok
14	Q1488-09	FF015639.D	10 Mar 2025 21:41	YP\AJ	Ok
15	Q1488-11	FF015640.D	10 Mar 2025 22:10	YP\AJ	Ok
16	Q1514-01	FF015641.D	10 Mar 2025 22:39	YP\AJ	Dilution
17	Q1514-03	FF015642.D	10 Mar 2025 23:08	YP\AJ	Ok
18	Q1514-05	FF015643.D	10 Mar 2025 23:38	YP\AJ	Ok
19	I.BLK	FF015644.D	11 Mar 2025 00:36	YP\AJ	Ok
20	20 PPM AROMATIC HC STD	FF015645.D	11 Mar 2025 01:05	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC021125AL

Review By	yogesh	Review On	2/10/2025 4:11:01 PM
Supervise By	Ankita	Supervise On	2/11/2025 9:13:33 AM
SubDirectory	FC021125AL	HP Acquire Method	HP Processing Method FC021125AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC	PP24176		
Internal Standard/PEM	PP24174,PP24179		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC068250.D	10 Feb 2025 15:12		YP/AJ	Ok
2	I.BLK	I.BLK	FC068251.D	10 Feb 2025 15:48		YP/AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FC068252.D	10 Feb 2025 16:24		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC068253.D	10 Feb 2025 17:01		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068254.D	10 Feb 2025 17:38		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC068255.D	10 Feb 2025 18:14		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC068256.D	10 Feb 2025 18:50		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068257.D	10 Feb 2025 19:26		YP/AJ	Ok
9	I.BLK	I.BLK	FC068258.D	10 Feb 2025 20:39		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068259.D	10 Feb 2025 21:16		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC030525AL

Review By	yogesh	Review On	3/5/2025 3:16:09 PM
Supervise By	mohammad	Supervise On	3/8/2025 4:27:39 AM
SubDirectory	FC030525AL	HP Acquire Method	HP Processing Method FC021125AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC	PP24176		
Internal Standard/PEM	PP24174,PP24179		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC068366.D	05 Mar 2025 10:12		YP/AJ	Ok
2	I.BLK	I.BLK	FC068367.D	05 Mar 2025 13:31		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068368.D	05 Mar 2025 15:22		YP/AJ	Ok,M
4	PB166976BL	PB166976BL	FC068369.D	05 Mar 2025 15:58		YP/AJ	Ok
5	PB166976BS	PB166976BS	FC068370.D	05 Mar 2025 16:35		YP/AJ	Ok,M
6	PB166976BSD	PB166976BSD	FC068371.D	05 Mar 2025 17:12		YP/AJ	Ok,M
7	Q1480-33	TP-3-WATER-SAMPLE	FC068372.D	05 Mar 2025 17:50		YP/AJ	Ok
8	Q1488-13	ENV-102-GW01	FC068373.D	05 Mar 2025 18:27		YP/AJ	Ok
9	Q1488-14	ENV-104-GW01	FC068374.D	05 Mar 2025 19:04		YP/AJ	Ok
10	I.BLK	I.BLK	FC068375.D	05 Mar 2025 19:41		YP/AJ	Ok
11	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068376.D	05 Mar 2025 20:18		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD021125AR

Review By	yogesh	Review On	2/10/2025 4:12:05 PM
Supervise By	Ankita	Supervise On	2/11/2025 9:13:44 AM
SubDirectory	FD021125AR	HP Acquire Method	HP Processing Method FD021125AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23968,PP23970,PP23971,PP23972,PP23973		
CCC	PP23971		
Internal Standard/PEM	PP23969,PP23974		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FD049070.D	10 Feb 2025 12:09		YP/AJ	Ok
2	I.BLK	I.BLK	FD049071.D	10 Feb 2025 12:45		YP/AJ	Ok
3	100 PPM AROMATIC HC	100 PPM AROMATIC HC	FD049072.D	10 Feb 2025 13:22		YP/AJ	Ok
4	50 PPM AROMATIC HC	50 PPM AROMATIC HC	FD049073.D	10 Feb 2025 13:58		YP/AJ	Ok
5	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049074.D	10 Feb 2025 14:35		YP/AJ	Ok
6	10 PPM AROMATIC HC	10 PPM AROMATIC HC	FD049075.D	10 Feb 2025 15:12		YP/AJ	Ok
7	5 PPM AROMATIC HC	5 PPM AROMATIC HC	FD049076.D	10 Feb 2025 15:48		YP/AJ	Ok
8	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049077.D	10 Feb 2025 16:24		YP/AJ	Ok,M
9	I.BLK	I.BLK	FD049078.D	10 Feb 2025 17:01		YP/AJ	Ok
10	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049079.D	10 Feb 2025 17:38		YP/AJ	Ok,M

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD030525AR

Review By	yogesh	Review On	3/5/2025 3:17:07 PM
Supervise By	mohammad	Supervise On	3/8/2025 4:35:54 AM
SubDirectory	FD030525AR	HP Acquire Method	HP Processing Method FD021125AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23968,PP23970,PP23971,PP23972,PP23973		
CCC	PP23971		
Internal Standard/PEM			
ICV/I.BLK	PP23969,PP24199		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FD049156.D	05 Mar 2025 10:12		YP/AJ	Ok
2	I.BLK	I.BLK	FD049157.D	05 Mar 2025 13:31		YP/AJ	Ok
3	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049158.D	05 Mar 2025 15:22		YP/AJ	Ok
4	PB166976BL	PB166976BL	FD049159.D	05 Mar 2025 15:58		YP/AJ	Ok
5	PB166976BS	PB166976BS	FD049160.D	05 Mar 2025 16:35		YP/AJ	Ok
6	PB166976BSD	PB166976BSD	FD049161.D	05 Mar 2025 17:12		YP/AJ	Ok
7	Q1480-33	TP-3-WATER-SAMPLE	FD049162.D	05 Mar 2025 17:50		YP/AJ	Ok
8	Q1488-13	ENV-102-GW01	FD049163.D	05 Mar 2025 18:27		YP/AJ	Ok
9	Q1488-14	ENV-104-GW01	FD049164.D	05 Mar 2025 19:04		YP/AJ	Ok
10	I.BLK	I.BLK	FD049165.D	05 Mar 2025 19:41		YP/AJ	Ok
11	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049166.D	05 Mar 2025 20:18		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE030325AL

Review By	yogesh	Review On	3/3/2025 1:02:44 PM
Supervise By	mohammad	Supervise On	3/7/2025 1:35:41 AM
SubDirectory	FE030325AL	HP Acquire Method	HP Processing Method FE030325AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC	PP24176		
Internal Standard/PEM	PP24174,PP24179		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE052572.D	03 Mar 2025 08:32		YP\AJ	Ok
2	I.BLK	I.BLK	FE052573.D	03 Mar 2025 09:02		YP\AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FE052574.D	03 Mar 2025 11:03		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE052575.D	03 Mar 2025 11:34		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE052576.D	03 Mar 2025 12:04		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE052577.D	03 Mar 2025 12:34		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE052578.D	03 Mar 2025 13:04		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE052579.D	03 Mar 2025 13:35		YP\AJ	Ok
9	I.BLK	I.BLK	FE052580.D	03 Mar 2025 14:05		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE052581.D	03 Mar 2025 14:35		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE031025AL

Review By	yogesh	Review On	3/10/2025 11:00:03 AM
Supervise By	Ankita	Supervise On	3/11/2025 9:25:11 AM
SubDirectory	FE031025AL	HP Acquire Method	HP Processing Method FE030325AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC	PP24176		
Internal Standard/PEM	PP24174,PP24179		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE052690.D	10 Mar 2025 08:38		YPIAJ	Ok
2	I.BLK	I.BLK	FE052691.D	10 Mar 2025 09:09		YPIAJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE052692.D	10 Mar 2025 10:09		YPIAJ	Ok
4	Q1508-01DL	RBR251372DL	FE052693.D	10 Mar 2025 11:00		YPIAJ	Ok,M
5	Q1508-02DL	RBR251372-E2DL	FE052694.D	10 Mar 2025 11:30		YPIAJ	Ok,M
6	Q1518-01DL	OILY-DEBRIS-COMPD	FE052695.D	10 Mar 2025 12:00		YPIAJ	Ok
7	I.BLK	I.BLK	FE052696.D	10 Mar 2025 13:00		YPIAJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE052697.D	10 Mar 2025 13:31		YPIAJ	Ok
9	PB167046BL	PB167046BL	FE052698.D	10 Mar 2025 14:01		YPIAJ	Ok
10	PB167046BS	PB167046BS	FE052699.D	10 Mar 2025 14:31		YPIAJ	Ok
11	PB167046BSD	PB167046BSD	FE052700.D	10 Mar 2025 15:01		YPIAJ	Ok
12	Q1524-01	72-11930-343-COMP	FE052701.D	10 Mar 2025 15:32		YPIAJ	Ok
13	Q1524-01D	Q1524-01D	FE052702.D	10 Mar 2025 16:01		YPIAJ	Ok
14	Q1524-01MS	72-11930-343-COMPM	FE052703.D	10 Mar 2025 16:31	FE052701.D	YPIAJ	Ok
15	Q1524-01MSD	72-11930-343-COMPM	FE052704.D	10 Mar 2025 17:01	FE052701.D!FE052703.D	YPIAJ	Ok
16	Q1524-02	VNJ-241	FE052705.D	10 Mar 2025 17:31		YPIAJ	Ok
17	I.BLK	I.BLK	FE052706.D	10 Mar 2025 18:32		YPIAJ	Ok
18	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE052707.D	10 Mar 2025 19:02		YPIAJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE031025AL

Review By	yogesh	Review On	3/10/2025 11:00:03 AM
Supervise By	Ankita	Supervise On	3/11/2025 9:25:11 AM
SubDirectory	FE031025AL	HP Acquire Method	HP Processing Method
			FE030325AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC	PP24176		
Internal Standard/PEM			
ICV/I.BLK	PP24174,PP24179		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PB167058BL	PB167058BL	FE052708.D	10 Mar 2025 20:02		YPIAJ	Ok
20	PB167058BS	PB167058BS	FE052709.D	10 Mar 2025 20:32	naphthalene break down - 1.10, 2 methylnaphthalene break down - 0.64	YPIAJ	Ok
21	PB167058BSD	PB167058BSD	FE052710.D	10 Mar 2025 21:02	naphthalene break down - 0.84, 2 methylnaphthalene break down - 0.63	YPIAJ	Ok
22	Q1488-01	ENV-101-SB01	FE052711.D	10 Mar 2025 21:32		YPIAJ	Ok
23	Q1488-01D	Q1488-01D	FE052712.D	10 Mar 2025 22:02		YPIAJ	Ok
24	Q1488-01MS	ENV-101-SB01MS	FE052713.D	10 Mar 2025 22:32	FE052711.D	YPIAJ	Ok
25	Q1488-01MSD	ENV-101-SB01MSD	FE052714.D	10 Mar 2025 23:03	FE052711.D!FE052713.D	YPIAJ	Ok
26	Q1488-03	ENV-101-SB02	FE052715.D	10 Mar 2025 23:32		YPIAJ	Ok
27	Q1488-05	ENV-102-SB01	FE052716.D	11 Mar 2025 00:03		YPIAJ	Ok
28	Q1488-07	ENV-102-SB02	FE052717.D	11 Mar 2025 00:33		YPIAJ	Ok
29	Q1488-09	ENV-104-SB01	FE052718.D	11 Mar 2025 01:03		YPIAJ	Ok
30	Q1488-11	ENV-104-SB02	FE052719.D	11 Mar 2025 01:34		YPIAJ	Ok
31	Q1514-01	ENV-105-SB01	FE052720.D	11 Mar 2025 02:04	need 2x dilution	YPIAJ	Dilution
32	Q1514-03	ENV-105-SB02	FE052721.D	11 Mar 2025 02:34		YPIAJ	Ok
33	Q1514-05	ENV-103-SB01	FE052722.D	11 Mar 2025 03:04		YPIAJ	Ok
34	I.BLK	I.BLK	FE052723.D	11 Mar 2025 04:04		YPIAJ	Ok
35	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE052724.D	11 Mar 2025 04:34		YPIAJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF022625AR

Review By	yogesh	Review On	2/26/2025 1:35:57 PM
Supervise By	Ankita	Supervise On	2/27/2025 8:55:13 AM
SubDirectory	FF022625AR	HP Acquire Method	HP Processing Method FF022625AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23968,PP24202,PP24203,PP24204,PP24205		
CCC	PP24203		
Internal Standard/PEM	PP23969,PP24206		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FF015525.D	25 Feb 2025 06:50		YP\AJ	Ok
2	I.BLK	I.BLK	FF015526.D	25 Feb 2025 07:19		YP\AJ	Ok
3	100 PPM AROMATIC HC	100 PPM AROMATIC HC	FF015527.D	25 Feb 2025 09:00		YP\AJ	Ok
4	50 PPM AROMATIC HC	50 PPM AROMATIC HC	FF015528.D	25 Feb 2025 09:30		YP\AJ	Ok
5	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF015529.D	25 Feb 2025 09:59		YP\AJ	Ok
6	10 PPM AROMATIC HC	10 PPM AROMATIC HC	FF015530.D	25 Feb 2025 10:28		YP\AJ	Ok
7	5 PPM AROMATIC HC	5 PPM AROMATIC HC	FF015531.D	25 Feb 2025 10:58		YP\AJ	Ok
8	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF015532.D	25 Feb 2025 11:27		YP\AJ	Ok,M
9	I.BLK	I.BLK	FF015533.D	25 Feb 2025 11:56		YP\AJ	Ok
10	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF015534.D	25 Feb 2025 12:26		YP\AJ	Ok,M

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF031025AR

Review By	yogesh	Review On	3/10/2025 1:31:15 PM	
Supervise By	Ankita	Supervise On	3/11/2025 9:25:39 AM	
SubDirectory	FF031025AR	HP Acquire Method	HP Processing Method	FF022625AR
STD. NAME		STD REF.#		
Tune/Reschk Initial Calibration Stds		PP23968,PP24202,PP24203,PP24204,PP24205		
CCC		PP24203		
Internal Standard/PEM				
ICV/I.BLK		PP23969,PP24206		
Surrogate Standard				
MS/MSD Standard				
LCS Standard				

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FF015626.D	10 Mar 2025 08:35		YP\AJ	Ok
2	I.BLK	I.BLK	FF015627.D	10 Mar 2025 13:00		YP\AJ	Ok
3	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF015628.D	10 Mar 2025 13:29		YP\AJ	Ok
4	PB167058BL	PB167058BL	FF015629.D	10 Mar 2025 16:47		YP\AJ	Ok
5	PB167058BS	PB167058BS	FF015630.D	10 Mar 2025 17:17	naphthalene break down - 1.10, 2 methylnephthalene break down - 0.64	YP\AJ	Ok
6	PB167058BSD	PB167058BSD	FF015631.D	10 Mar 2025 17:46	naphthalene break down - 0.84, 2 methylnephthalene break down - 0.63	YP\AJ	Ok
7	Q1488-01	ENV-101-SB01	FF015632.D	10 Mar 2025 18:15		YP\AJ	Ok
8	Q1488-01D	Q1488-01D	FF015633.D	10 Mar 2025 18:45		YP\AJ	Ok
9	Q1488-01MS	ENV-101-SB01MS	FF015634.D	10 Mar 2025 19:14	FF015632.D	YP\AJ	Ok,M
10	Q1488-01MSD	ENV-101-SB01MSD	FF015635.D	10 Mar 2025 19:43	FF015632.D!FF015634.D	YP\AJ	Ok,M
11	Q1488-03	ENV-101-SB02	FF015636.D	10 Mar 2025 20:13		YP\AJ	Ok
12	Q1488-05	ENV-102-SB01	FF015637.D	10 Mar 2025 20:42		YP\AJ	Ok
13	Q1488-07	ENV-102-SB02	FF015638.D	10 Mar 2025 21:11		YP\AJ	Ok
14	Q1488-09	ENV-104-SB01	FF015639.D	10 Mar 2025 21:41		YP\AJ	Ok
15	Q1488-11	ENV-104-SB02	FF015640.D	10 Mar 2025 22:10		YP\AJ	Ok
16	Q1514-01	ENV-105-SB01	FF015641.D	10 Mar 2025 22:39	need 2x dilution	YP\AJ	Dilution

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF031025AR

Review By	yogesh	Review On	3/10/2025 1:31:15 PM
Supervise By	Ankita	Supervise On	3/11/2025 9:25:39 AM
SubDirectory	FF031025AR	HP Acquire Method	HP Processing Method
			FF022625AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23968,PP24202,PP24203,PP24204,PP24205		
CCC	PP24203		
Internal Standard/PEM			
ICV/I.BLK	PP23969,PP24206		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

17	Q1514-03	ENV-105-SB02	FF015642.D	10 Mar 2025 23:08		YP\AJ	Ok
18	Q1514-05	ENV-103-SB01	FF015643.D	10 Mar 2025 23:38		YP\AJ	Ok
19	I.BLK	I.BLK	FF015644.D	11 Mar 2025 00:36		YP\AJ	Ok
20	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF015645.D	11 Mar 2025 01:05		YP\AJ	Ok

M : Manual Integration

SOP ID: MNJDEP-EPH-7

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A **Extraction By:** RS

Balance check: N/A **Filter By:** RS

Balance ID: N/A **pH Meter ID:** N/A

pH Strip Lot#: E3880 **Hood ID:** 4,6,7

Extraction Method: ☒ Separatory Funnel ☐ Continous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Extraction Start Date : 03/05/2025

Extraction Start Time : 08:25

Extraction End Date : 03/05/2025

Extraction End Time : 15:45

Concentration By: EH

Supervisor By : RUPESH

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24207
Surrogate	1.0ML	100 PPM	PP24210
Fractionation Surrogate	1.0ML	100 PPM	PP24108
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3878
Baked Na2SO4	N/A	EP2589
Hexane	N/A	E3877
6N HCL	N/A	EP2569
EPH Cartridge	N/A	E3757
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210673.

KD Bath ID: WATER BATH-1,2 **Envap ID:** NE VAP-02

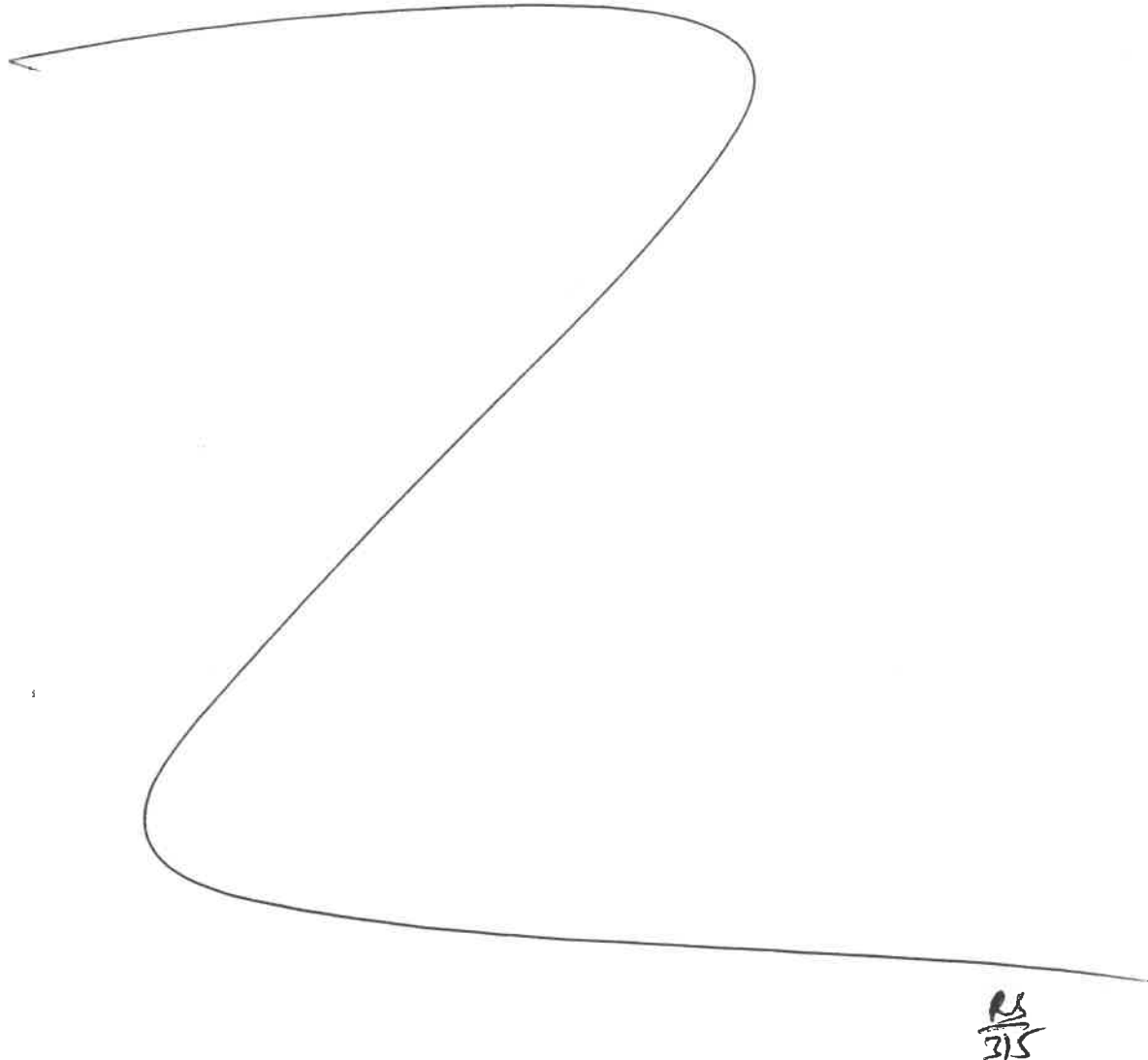
KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/5/25	RS (Ext Lab)	T.P. PATTAB.
15:50	Preparation Group	Analysis Group

Analytical Method: MNJDEP-EPH-7

Concentration Date: 03/05/2025

Sample ID	Client Sample ID	Test	g / <u>mL</u>	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166976BL	PB166976BL	EPH	1000	<2	RUPESH	ritesh	2			SEP-1
PB166976BS	PB166976BS	EPH	1000	<2	RUPESH	ritesh	2			2
PB166976BSD	PB166976BSD	EPH	1000	<2	RUPESH	ritesh	2			3
Q1480-33	TP-3-WATER-SAMPLE	EPH	990	<2	RUPESH	ritesh	2	T		4
Q1488-13	ENV-102-GW01	EPH	810	<2	RUPESH	ritesh	2	H		5
Q1488-14	ENV-104-GW01	EPH	970	<2	RUPESH	ritesh	2	H		6



WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1480EPH

WorkList ID : 188012

Department : Extraction

Date : 03-05-2025 08:18:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1480-33	TP-3-WATER-SAMPLE	Water	EPH	1:1 HCl to pH < 2	PSEG03	I11	03/03/2025	NJEPH
Q1488-13	ENV-102-GW01	Water	EPH	1:1 HCl to pH < 2	PORT06	H31	03/04/2025	NJEPH
Q1488-14	ENV-104-GW01	Water	EPH	1:1 HCl to pH < 2	PORT06	H31	03/04/2025	NJEPH

Date/Time 3/5/25 8:20

Raw Sample Received by: RS (Ext Lab)

Raw Sample Relinquished by: CR SM

Date/Time 3/5/25

Raw Sample Received by: CR SM

Raw Sample Relinquished by: RS (Ext Lab)

SOP ID:	MNJDEP-EPH-7		
Clean Up SOP #:	N/A	Extraction Start Date :	03/10/2025
Matrix :	Solid	Extraction Start Time :	09:20
Wegh By:	EH	Extraction By:	RJ
Balance check:	RJ	Filter By:	RJ
Balance ID:	EX-SC-2	pH Meter ID:	N/A
pH Strip Lot#:	N/A	Hood ID:	3,7
Extraction Method:	☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet		
Extraction End Date :	03/10/2025		
Extraction End Time :	16:40		
Concentration By:	EH		
Supervisor By :	RUPESH		

Standarded Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24207
Surrogate	1.0ML	100 PPM	PP24210
Fractionation Surrogate	1.0ML	100 PPM	PP24216
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2591
Baked Na2SO4	N/A	EP2593
Sand	N/A	E2865
Hexane	N/A	E3877
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210673.

KD Bath ID:	N/A	Envap ID:	NEVAP-02
KD Bath Temperature:	N/A	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/10/25	RS (Ext-Lab)	Y-P. PestipCB
16:45	Preparation Group	Analysis Group

Analytical Method: MNJDEP-EPH-7

Concentration Date: 03/10/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167058BL	PB167058BL	EPH	30.01	N/A	ritesh	Evelyn	2			U6-1
PB167058BS	PB167058BS	EPH	30.02	N/A	ritesh	Evelyn	2			2
PB167058BSD	PB167058BSD	EPH	30.02	N/A	ritesh	Evelyn	2			3
Q1488-01	ENV-101-SB01	EPH	30.06	N/A	ritesh	Evelyn	2	E		4
Q1488-01DUP	ENV-101-SB01DUP	EPH	30.05	N/A	ritesh	Evelyn	2	E		5
Q1488-01MS	ENV-101-SB01MS	EPH	30.02	N/A	ritesh	Evelyn	2	E		6
Q1488-01MSD	ENV-101-SB01MSD	EPH	30.03	N/A	ritesh	Evelyn	2	E		U2-1
Q1488-03	ENV-101-SB02	EPH	30.08	N/A	ritesh	Evelyn	2	E		2
Q1488-05	ENV-102-SB01	EPH	30.02	N/A	ritesh	Evelyn	2	E		3
Q1488-07	ENV-102-SB02	EPH	30.07	N/A	ritesh	Evelyn	2	E		4
Q1488-09	ENV-104-SB01	EPH	30.04	N/A	ritesh	Evelyn	2	E		5
Q1488-11	ENV-104-SB02	EPH	30.06	N/A	ritesh	Evelyn	2	E		6
Q1514-01	ENV-105-SB01	EPH	30.03	N/A	ritesh	Evelyn	2	E		U3-1
Q1514-03	ENV-105-SB02	EPH	30.05	N/A	ritesh	Evelyn	2	E		2
Q1514-05	ENV-103-SB01	EPH	30.04	N/A	ritesh	Evelyn	2	E		3

* Extracts relinquished on the same date as received.

Rg
3/10

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1488EPH

WorkList ID : 188160

Department : Extraction

Date : 03-10-2025 08:28:08

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1488-01	ENV-101-SB01	Solid	EPH	Cool 4 deg C	PORT06	H31	03/04/2025	NJEPH
Q1488-03	ENV-101-SB02	Solid	EPH	Cool 4 deg C	PORT06	H31	03/04/2025	NJEPH
Q1488-05	ENV-102-SB01	Solid	EPH	Cool 4 deg C	PORT06	H31	03/04/2025	NJEPH
Q1488-07	ENV-102-SB02	Solid	EPH	Cool 4 deg C	PORT06	H31	03/04/2025	NJEPH
Q1488-09	ENV-104-SB01	Solid	EPH	Cool 4 deg C	PORT06	H31	03/04/2025	NJEPH
Q1488-11	ENV-104-SB02	Solid	EPH	Cool 4 deg C	PORT06	H31	03/04/2025	NJEPH
Q1514-01	ENV-105-SB01	Solid	EPH	Cool 4 deg C	PORT06	I31	03/05/2025	NJEPH
Q1514-03	ENV-105-SB02	Solid	EPH	Cool 4 deg C	PORT06	I31	03/05/2025	NJEPH
Q1514-05	ENV-103-SB01	Solid	EPH	Cool 4 deg C	PORT06	I31	03/05/2025	NJEPH

Date/Time

3/10/25 9:15

Raw Sample Received by:

RJ(EX-66)

Raw Sample Relinquished by:

JD(CSM)

Date/Time

3/10/25 9:50

Raw Sample Received by:

JD(CSM)

Raw Sample Relinquished by:

RJ(EX-66)

LAB CHRONICLE

OrderID:	Q1488	OrderDate:	3/4/2025 3:39:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	H31,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1488-01	ENV-101-SB01	SOIL	PCB	8082A	03/04/25	03/05/25	03/05/25	03/04/25
			EPH	NJEPH		03/10/25	03/10/25	
Q1488-03	ENV-101-SB02	SOIL	PCB	8082A	03/04/25	03/05/25	03/05/25	03/04/25
			EPH	NJEPH		03/10/25	03/10/25	
Q1488-05	ENV-102-SB01	SOIL	PCB	8082A	03/04/25	03/05/25	03/05/25	03/04/25
			EPH	NJEPH		03/10/25	03/10/25	
			EPH	NJEPH		03/10/25	03/11/25	
Q1488-07	ENV-102-SB02	SOIL	PCB	8082A	03/04/25	03/05/25	03/05/25	03/04/25
			EPH	NJEPH		03/10/25	03/10/25	
			EPH	NJEPH		03/10/25	03/11/25	
Q1488-09	ENV-104-SB01	SOIL	PCB	8082A	03/04/25	03/05/25	03/05/25	03/04/25
			EPH	NJEPH		03/10/25	03/10/25	
			EPH	NJEPH		03/10/25	03/11/25	
Q1488-11	ENV-104-SB02	SOIL	PCB	8082A	03/04/25	03/05/25	03/05/25	03/04/25
			EPH	NJEPH		03/10/25	03/10/25	
			EPH	NJEPH		03/10/25	03/11/25	
Q1488-13	ENV-102-GW01	Water	EPH	NJEPH	03/04/25	03/05/25	03/05/25	03/04/25
			PCB	8082A		03/06/25	03/06/25	

LAB CHRONICLE

Q1488-14	ENV-104-GW01	Water			03/04/25		03/04/25
			EPH	NJEPH		03/05/25	03/05/25
			PCB	8082A		03/06/25	03/06/25

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