



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-SB01	SDG No.:	Q1514
Lab Sample ID:	Q1514-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.6
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	03/11/25 2:04	PB167058

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.41	U	1	0.41	1.09	mg/kg	FE052720.D
Aliphatic C12-C16	Aliphatic C12-C16	0.65	J	1	0.26	0.73	mg/kg	FE052720.D
Aliphatic C16-C21	Aliphatic C16-C21	4.48		1	0.33	1.09	mg/kg	FE052720.D
Aliphatic C21-C28	Aliphatic C21-C28	23.3		1	0.87	1.45	mg/kg	FE052720.D
Aliphatic C28-C40	Aliphatic C28-C40	57.9		2	3.93	4.36	mg/kg	FE052728.D
Aromatic C10-C12	Aromatic C10-C12	0.35	J	1	0.33	0.73	mg/kg	FF015641.D
Aromatic C12-C16	Aromatic C12-C16	0.65	J	1	0.37	1.09	mg/kg	FF015641.D
Aromatic C16-C21	Aromatic C16-C21	10.1		1	1.05	1.82	mg/kg	FF015641.D
Aromatic C21-C36	Aromatic C21-C36	69.3		2	4.36	5.82	mg/kg	FF015649.D
Total AliphaticEPH	Total AliphaticEPH	86.3			5.80	8.72	mg/kg	
Total AromaticEPH	Total AromaticEPH	80.4			6.11	9.46	mg/kg	
Total EPH	Total EPH	167			11.9	18.2	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:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-SB01	SDG No.:	Q1514
Lab Sample ID:	Q1514-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.6
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
FE052720.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	0.41	U	0.41	1.09	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.65	J	0.26	0.73	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	4.48		0.33	1.09	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	23.3		0.87	1.45	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	60.6	E	1.96	2.18	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.2		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:	Q1514-01	Acq On:	11 Mar 2025 02:04
Client Sample ID:	ENV-105-SB01	Operator:	YP\AJ
Data file:	FE052720.D	Misc:	
Instrument:	FID_E	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.151	6.796	531650	3.409	300	ug/ml
Aliphatic C12-C16	6.797	10.250	1348473	8.866	200	ug/ml
Aliphatic C16-C21	10.251	13.630	9036055	61.659	300	ug/ml
Aliphatic C21-C28	13.631	17.305	45655992	320.501	400	ug/ml
Aliphatic C28-C40	17.306	22.234	106359845	833.612	600	ug/ml
Aliphatic EPH	3.151	22.234	162932015	1230		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.357	13.357	4035950	33.24		ug/ml
Aliphatic C9-C28	3.151	17.305	56572170	394.435	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-SB01	SDG No.:	Q1514
Lab Sample ID:	Q1514-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.6
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
FF015641.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	J	0.33	0.73	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.65	J	0.37	1.09	mg/kg
Aromatic C16-C21	Aromatic C16-C21	10.1		1.05	1.82	mg/kg
Aromatic C21-C36	Aromatic C21-C36	69.5	E	2.18	2.91	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.9		40 - 140	108%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	51.0		40 - 140	102%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.7		40 - 140	61%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1514-01	Acq On:	10 Mar 2025 22:39
Client Sample ID:	ENV-105-SB01	Operator:	YP\AJ
Data file:	FF015641.D	Misc:	
Instrument:	FID_F	ALS Vial:	83
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	618764	4.82	200	ug/ml
Aromatic C12-C16	6.378	9.069	1230509	8.995	300	ug/ml
Aromatic C16-C21	9.070	13.390	18399654	138.303	500	ug/ml
Aromatic C21-C36	13.391	18.845	124273362	955.539	800	ug/ml
Aromatic EPH	4.505	18.845	144522289	1110		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	6276281	53.91		ug/ml
2-Fluorobiphenyl (SURR)	8.874	8.874	3631679	50.98		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	4512420	30.68		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-SB01DL	SDG No.:	Q1514
Lab Sample ID:	Q1514-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.6
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
FE052728.D	2	03/10/25	03/11/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.83	U	0.83	2.18	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.78	J	0.52	1.45	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	4.86		0.65	2.18	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	25.1		1.74	2.91	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	57.9		3.93	4.36	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	15.9		40 - 140	64%	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:	Q1514-01DL	Acq On:	11 Mar 2025 10:20
Client Sample ID:	Q1514-01DL	Operator:	YP\AJ
Data file:	FE052728.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.148	6.791	163860	1.051	300	ug/ml
Aliphatic C12-C16	6.792	10.243	819930	5.391	200	ug/ml
Aliphatic C16-C21	10.244	13.622	4895068	33.402	300	ug/ml
Aliphatic C21-C28	13.623	17.293	24624304	172.861	400	ug/ml
Aliphatic C28-C40	17.294	22.207	50845112	398.507	600	ug/ml
Aliphatic EPH	3.148	22.207	81348274	611.211		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.355	13.355	1932296	15.91		ug/ml
Aliphatic C9-C28	3.148	17.293	30503162	212.705	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-SB01DL	SDG No.:	Q1514
Lab Sample ID:	Q1514-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.6
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
FF015649.D	2	03/10/25	03/11/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.37	J	0.65	1.45	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.86	J	0.74	2.18	mg/kg
Aromatic C16-C21	Aromatic C16-C21	9.48		2.09	3.64	mg/kg
Aromatic C21-C36	Aromatic C21-C36	69.3		4.36	5.82	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	25.4		40 - 140	102%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	22.5		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	15.1		40 - 140	60%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1514-01DL	Acq On:	11 Mar 2025 10:17
Client Sample ID:	Q1514-01DL	Operator:	YP\AJ
Data file:	FF015649.D	Misc:	
Instrument:	FID_F	ALS Vial:	71
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.503	6.375	324903	2.531	200	ug/ml
Aromatic C12-C16	6.376	9.068	804804	5.883	300	ug/ml
Aromatic C16-C21	9.069	13.389	8670761	65.175	500	ug/ml
Aromatic C21-C36	13.390	18.846	61959181	476.404	800	ug/ml
Aromatic EPH	4.503	18.846	71759649	549.993		ug/ml
2-Fluorobiphenyl (SURR)	8.873	8.873	1600875	22.47		ug/ml
2-Bromonaphthalene (SURR)	7.991	7.991	2959399	25.42		ug/ml
ortho-Terphenyl (SURR)	11.929	11.929	2221251	15.1		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-SB02	SDG No.:	Q1514
Lab Sample ID:	Q1514-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.05 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 2:34	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	FE052721.D
Aliphatic C12-C16	Aliphatic C12-C16	0.52	J	1	0.30	0.82	mg/kg	FE052721.D
Aliphatic C16-C21	Aliphatic C16-C21	0.37	U	1	0.37	1.23	mg/kg	FE052721.D
Aliphatic C21-C28	Aliphatic C21-C28	0.99	U	1	0.99	1.64	mg/kg	FE052721.D
Aliphatic C28-C40	Aliphatic C28-C40	3.26		1	2.22	2.47	mg/kg	FE052721.D
Aromatic C10-C12	Aromatic C10-C12	0.37	U	1	0.37	0.82	mg/kg	FF015642.D
Aromatic C12-C16	Aromatic C12-C16	0.49	J	1	0.42	1.23	mg/kg	FF015642.D
Aromatic C16-C21	Aromatic C16-C21	1.73	J	1	1.18	2.05	mg/kg	FF015642.D
Aromatic C21-C36	Aromatic C21-C36	2.47	U	1	2.47	3.29	mg/kg	FF015642.D
Total AliphaticEPH	Total AliphaticEPH	4.34	U		4.34	7.39	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.44	U		4.44	7.39	mg/kg	
Total EPH	Total EPH	8.78	U		8.78	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:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-SB02	SDG No.:	Q1514
Lab Sample ID:	Q1514-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052721.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	0.52	J	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	0.99	U	0.99	1.64	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.26		2.22	2.47	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.6		40 - 140	67%	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:	Q1514-03	Acq On:	11 Mar 2025 02:34
Client Sample ID:	ENV-105-SB02	Operator:	YP\AJ
Data file:	FE052721.D	Misc:	
Instrument:	FID_E	ALS Vial:	32
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.151	6.796	464901	2.981	300	ug/ml
Aliphatic C12-C16	6.797	10.250	964505	6.341	200	ug/ml
Aliphatic C16-C21	10.251	13.630	500539	3.416	300	ug/ml
Aliphatic C21-C28	13.631	17.305	652029	4.577	400	ug/ml
Aliphatic C28-C40	17.306	22.234	5064467	39.694	600	ug/ml
Aliphatic EPH	3.151	22.234	7646441	57.009		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.357	13.357	4082642	33.62		ug/ml
Aliphatic C9-C28	3.151	17.305	2581974	17.315	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-SB02	SDG No.:	Q1514
Lab Sample ID:	Q1514-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015642.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	0.49	J	0.42	1.23	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.73	J	1.18	2.05	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.47	U	2.47	3.29	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	51.2		40 - 140	102%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.6		40 - 140	99%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.4		40 - 140	51%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1514-03	Acq On:	10 Mar 2025 23:08
Client Sample ID:	ENV-105-SB02	Operator:	YP\AJ
Data file:	FF015642.D	Misc:	
Instrument:	FID_F	ALS Vial:	84
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	346820	2.702	200	ug/ml
Aromatic C12-C16	6.378	9.069	811947	5.935	300	ug/ml
Aromatic C16-C21	9.070	13.390	2806768	21.097	500	ug/ml
Aromatic C21-C36	13.391	18.845	1762997	13.556	800	ug/ml
Aromatic EPH	4.505	18.845	5728532	43.29		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	3740615	25.43		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	5960858	51.2		ug/ml
2-Fluorobiphenyl (SURR)	8.874	8.874	3536543	49.65		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-103-SB01	SDG No.:	Q1514
Lab Sample ID:	Q1514-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.1
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 3:04	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	1.12	mg/kg	FE052722.D
Aliphatic C12-C16	Aliphatic C12-C16	0.44	J	1	0.27	0.75	mg/kg	FE052722.D
Aliphatic C16-C21	Aliphatic C16-C21	0.34	U	1	0.34	1.12	mg/kg	FE052722.D
Aliphatic C21-C28	Aliphatic C21-C28	0.90	U	1	0.90	1.49	mg/kg	FE052722.D
Aliphatic C28-C40	Aliphatic C28-C40	2.02	U	1	2.02	2.24	mg/kg	FE052722.D
Aromatic C10-C12	Aromatic C10-C12	0.34	U	1	0.34	0.75	mg/kg	FF015643.D
Aromatic C12-C16	Aromatic C12-C16	0.38	U	1	0.38	1.12	mg/kg	FF015643.D
Aromatic C16-C21	Aromatic C16-C21	1.08	U	1	1.08	1.87	mg/kg	FF015643.D
Aromatic C21-C36	Aromatic C21-C36	2.24	U	1	2.24	2.99	mg/kg	FF015643.D
Total AliphaticEPH	Total AliphaticEPH	3.95	U		3.95	6.72	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.04	U		4.04	6.73	mg/kg	
Total EPH	Total EPH	7.99	U		7.99	13.4	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:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-103-SB01	SDG No.:	Q1514
Lab Sample ID:	Q1514-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.1
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
FE052722.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	0.43	U	0.43	1.12	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.44	J	0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.34	U	0.34	1.12	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.90	U	0.90	1.49	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.02	U	2.02	2.24	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.0		40 - 140	58%	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:	Q1514-05	Acq On:	11 Mar 2025 03:04
Client Sample ID:	ENV-103-SB01	Operator:	YP\AJ
Data file:	FE052722.D	Misc:	
Instrument:	FID_E	ALS Vial:	33
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.151	6.796	401501	2.575	300	ug/ml
Aliphatic C12-C16	6.797	10.250	903609	5.941	200	ug/ml
Aliphatic C16-C21	10.251	13.630	485029	3.31	300	ug/ml
Aliphatic C21-C28	13.631	17.305	416585	2.924	400	ug/ml
Aliphatic C28-C40	17.306	22.234	2835604	22.224	600	ug/ml
Aliphatic EPH	3.151	22.234	5042328	36.974		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.356	13.356	3522443	29.01		ug/ml
Aliphatic C9-C28	3.151	17.305	2206724	14.75	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-103-SB01	SDG No.:	Q1514
Lab Sample ID:	Q1514-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.1
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
FF015643.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	1.12	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.08	U	1.08	1.87	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.24	U	2.24	2.99	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	55.6		40 - 140	111%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.3		40 - 140	109%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.0		40 - 140	54%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1514-05	Acq On:	10 Mar 2025 23:38
Client Sample ID:	ENV-103-SB01	Operator:	YP\AJ
Data file:	FF015643.D	Misc:	
Instrument:	FID_F	ALS Vial:	85
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	54960	0.428	200	ug/ml
Aromatic C12-C16	6.378	9.069	0	0	300	ug/ml
Aromatic C16-C21	9.070	13.390	1258358	9.459	500	ug/ml
Aromatic C21-C36	13.391	18.845	269243	2.07	800	ug/ml
Aromatic EPH	4.505	18.845	1582561	11.957		ug/ml
ortho-Terphenyl (SURR)	11.932	11.932	3967510	26.97		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	6468886	55.57		ug/ml
2-Fluorobiphenyl (SURR)	8.873	8.873	3869520	54.32		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-GW01	SDG No.:	Q1514
Lab Sample ID:	Q1514-07	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
03/10/25 08:45	03/11/25 11:11	PB167056

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.15	J	1	6.13	31.9	ug/l	FC068394.D
Aliphatic C12-C16	Aliphatic C12-C16	16.2	J	1	3.84	21.3	ug/l	FC068394.D
Aliphatic C16-C21	Aliphatic C16-C21	70.0		1	5.47	31.9	ug/l	FC068394.D
Aliphatic C21-C28	Aliphatic C21-C28	9.54	U	1	9.54	42.6	ug/l	FC068394.D
Aliphatic C28-C40	Aliphatic C28-C40	44.9	J	1	18.1	63.8	ug/l	FC068394.D
Aromatic C10-C12	Aromatic C10-C12	4.47	J	1	3.53	21.3	ug/l	FD049184.D
Aromatic C12-C16	Aromatic C12-C16	9.43	J	1	3.93	31.9	ug/l	FD049184.D
Aromatic C16-C21	Aromatic C16-C21	162		1	13.5	53.2	ug/l	FD049184.D
Aromatic C21-C36	Aromatic C21-C36	46.8	J	1	26.8	85.1	ug/l	FD049184.D
Total AliphaticEPH	Total AliphaticEPH	137	J		43.1	192	ug/l	
Total AromaticEPH	Total AromaticEPH	223			47.8	192	ug/l	
Total EPH	Total EPH	360	J		90.8	383	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:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-GW01	SDG No.:	Q1514
Lab Sample ID:	Q1514-07	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	940 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
FC068394.D	1	03/10/25	03/11/25	PB167056

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.15	J	6.13	31.9	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	16.2	J	3.84	21.3	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	70.0		5.47	31.9	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	9.54	U	9.54	42.6	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	44.9	J	18.1	63.8	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.3		40 - 140	75%	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:	Q1514-07	Acq On:	11 Mar 2025 11:11
Client Sample ID:	ENV-105-GW01	Operator:	YP/AJ
Data file:	FC068394.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	3.101	6.364	422676	2.889	300	ug/ml
Aliphatic C12-C16	6.365	9.747	1074443	7.62	200	ug/ml
Aliphatic C16-C21	9.748	13.100	4509699	32.918	300	ug/ml
Aliphatic C21-C28	13.101	16.752	439984	3.352	400	ug/ml
Aliphatic C28-C40	16.753	21.552	2433160	21.082	600	ug/ml
Aliphatic EPH	3.101	21.552	8879962	67.862		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.847	12.847	4323331	37.33		ug/ml
Aliphatic C9-C28	3.101	16.752	6446802	46.779	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-GW01	SDG No.:	Q1514
Lab Sample ID:	Q1514-07	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	940 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
FD049184.D	1	03/10/25	03/11/25	PB167056

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.47	J	3.53	21.3	ug/l
Aromatic C12-C16	Aromatic C12-C16	9.43	J	3.93	31.9	ug/l
Aromatic C16-C21	Aromatic C16-C21	162		13.5	53.2	ug/l
Aromatic C21-C36	Aromatic C21-C36	46.8	J	26.8	85.1	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	59.3		40 - 140	118%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	67.2		40 - 140	134%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	46.2		40 - 140	92%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1514-07	Acq On:	11 Mar 2025 11:11
Client Sample ID:	ENV-105-GW01	Operator:	YP/AJ
Data file:	FD049184.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	4.074	5.792	346031	2.1	200	ug/ml
Aromatic C12-C16	5.793	8.394	775726	4.434	300	ug/ml
Aromatic C16-C21	8.395	12.658	12111866	76.487	500	ug/ml
Aromatic C21-C36	12.659	18.072	2937981	21.986	800	ug/ml
Aromatic EPH	4.074	18.072	16171604	105.007		ug/ml
ortho-Terphenyl (SURR)	11.276	11.276	8081910	46.23		ug/ml
2-Bromonaphthalene (SURR)	7.350	7.350	9009388	59.25		ug/ml
2-Fluorobiphenyl (SURR)	8.199	8.199	5352755	67.2		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-103-GW01	SDG No.:	Q1514
Lab Sample ID:	Q1514-08	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
03/10/25 08:45	03/11/25 11:48	PB167056

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.20	J	1	6.00	31.2	ug/l	FC068395.D
Aliphatic C12-C16	Aliphatic C12-C16	9.77	J	1	3.76	20.8	ug/l	FC068395.D
Aliphatic C16-C21	Aliphatic C16-C21	68.0		1	5.35	31.2	ug/l	FC068395.D
Aliphatic C21-C28	Aliphatic C21-C28	9.34	U	1	9.34	41.7	ug/l	FC068395.D
Aliphatic C28-C40	Aliphatic C28-C40	48.1	J	1	17.7	62.5	ug/l	FC068395.D
Aromatic C10-C12	Aromatic C10-C12	4.45	J	1	3.46	20.8	ug/l	FD049185.D
Aromatic C12-C16	Aromatic C12-C16	7.00	J	1	3.84	31.2	ug/l	FD049185.D
Aromatic C16-C21	Aromatic C16-C21	30.6	J	1	13.2	52.1	ug/l	FD049185.D
Aromatic C21-C36	Aromatic C21-C36	100		1	26.2	83.3	ug/l	FD049185.D
Total AliphaticEPH	Total AliphaticEPH	132	J		42.1	187	ug/l	
Total AromaticEPH	Total AromaticEPH	142	J		46.7	187	ug/l	
Total EPH	Total EPH	274	J		88.8	375	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:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-103-GW01	SDG No.:	Q1514
Lab Sample ID:	Q1514-08	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	960 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
FC068395.D	1	03/10/25	03/11/25	PB167056

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.20	J	6.00	31.2	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	9.77	J	3.76	20.8	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	68.0		5.35	31.2	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	9.34	U	9.34	41.7	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	48.1	J	17.7	62.5	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.6		40 - 140	67%	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:	Q1514-08	Acq On:	11 Mar 2025 11:48
Client Sample ID:	ENV-103-GW01	Operator:	YP/AJ
Data file:	FC068395.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	3.101	6.364	435623	2.978	300	ug/ml
Aliphatic C12-C16	6.365	9.747	660998	4.688	200	ug/ml
Aliphatic C16-C21	9.748	13.100	4469307	32.623	300	ug/ml
Aliphatic C21-C28	13.101	16.752	419638	3.197	400	ug/ml
Aliphatic C28-C40	16.753	21.552	2664638	23.088	600	ug/ml
Aliphatic EPH	3.101	21.552	8650204	66.574		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.832	12.832	3889203	33.58		ug/ml
Aliphatic C9-C28	3.101	16.752	5985566	43.486	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-103-GW01	SDG No.:	Q1514
Lab Sample ID:	Q1514-08	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	960 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
FD049185.D	1	03/10/25	03/11/25	PB167056

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.45	J	3.46	20.8	ug/l
Aromatic C12-C16	Aromatic C12-C16	7.00	J	3.84	31.2	ug/l
Aromatic C16-C21	Aromatic C16-C21	30.6	J	13.2	52.1	ug/l
Aromatic C21-C36	Aromatic C21-C36	100		26.2	83.3	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	57.4		40 - 140	115%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	64.8		40 - 140	130%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	44.4		40 - 140	89%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1514-08	Acq On:	11 Mar 2025 11:48
Client Sample ID:	ENV-103-GW01	Operator:	YP/AJ
Data file:	FD049185.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	4.074	5.792	352146	2.138	200	ug/ml
Aromatic C12-C16	5.793	8.394	587709	3.36	300	ug/ml
Aromatic C16-C21	8.395	12.658	2323555	14.673	500	ug/ml
Aromatic C21-C36	12.659	18.072	6439752	48.19	800	ug/ml
Aromatic EPH	4.074	18.072	9703162	68.361		ug/ml
ortho-Terphenyl (SURR)	11.235	11.235	7762988	44.41		ug/ml
2-Bromonaphthalene (SURR)	7.351	7.351	8734113	57.44		ug/ml
2-Fluorobiphenyl (SURR)	8.202	8.202	5165352	64.85		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/06/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	FB03062025	SDG No.:	Q1514
Lab Sample ID:	Q1514-09	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	800 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
03/10/25 08:45	03/11/25 12:25	PB167056

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	8.75	J	1	7.20	37.5	ug/l	FC068396.D
Aliphatic C12-C16	Aliphatic C12-C16	13.1	J	1	4.51	25.0	ug/l	FC068396.D
Aliphatic C16-C21	Aliphatic C16-C21	10.0	J	1	6.42	37.5	ug/l	FC068396.D
Aliphatic C21-C28	Aliphatic C21-C28	11.2	U	1	11.2	50.0	ug/l	FC068396.D
Aliphatic C28-C40	Aliphatic C28-C40	50.4	J	1	21.2	75.0	ug/l	FC068396.D
Aromatic C10-C12	Aromatic C10-C12	5.40	J	1	4.15	25.0	ug/l	FD049186.D
Aromatic C12-C16	Aromatic C12-C16	8.56	J	1	4.61	37.5	ug/l	FD049186.D
Aromatic C16-C21	Aromatic C16-C21	30.4	J	1	15.9	62.5	ug/l	FD049186.D
Aromatic C21-C36	Aromatic C21-C36	46.4	J	1	31.5	100	ug/l	FD049186.D
Total AliphaticEPH	Total AliphaticEPH	82.3	J		50.5	225	ug/l	
Total AromaticEPH	Total AromaticEPH	90.8	J		56.2	225	ug/l	
Total EPH	Total EPH	173	J		107	450	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:	03/06/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	FB03062025	SDG No.:	Q1514
Lab Sample ID:	Q1514-09	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	800 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
FC068396.D	1	03/10/25	03/11/25	PB167056

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	8.75	J	7.20	37.5	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	13.1	J	4.51	25.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	10.0	J	6.42	37.5	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	11.2	U	11.2	50.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	50.4	J	21.2	75.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.1		40 - 140	96%	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:	Q1514-09	Acq On:	11 Mar 2025 12:25
Client Sample ID:	FB03062025	Operator:	YP/AJ
Data file:	FC068396.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.101	6.364	512020	3.5	300	ug/ml
Aliphatic C12-C16	6.365	9.747	738886	5.24	200	ug/ml
Aliphatic C16-C21	9.748	13.100	549080	4.008	300	ug/ml
Aliphatic C21-C28	13.101	16.752	437170	3.33	400	ug/ml
Aliphatic C28-C40	16.753	21.552	2328191	20.173	600	ug/ml
Aliphatic EPH	3.101	21.552	4565347	36.252		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.833	12.833	5570305	48.09		ug/ml
Aliphatic C9-C28	3.101	16.752	2237156	16.078	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/06/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	FB03062025	SDG No.:	Q1514
Lab Sample ID:	Q1514-09	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	800 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
FD049186.D	1	03/10/25	03/11/25	PB167056

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	5.40	J	4.15	25.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	8.56	J	4.61	37.5	ug/l
Aromatic C16-C21	Aromatic C16-C21	30.4	J	15.9	62.5	ug/l
Aromatic C21-C36	Aromatic C21-C36	46.4	J	31.5	100	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.6		40 - 140	95%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	51.2		40 - 140	102%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	46.6		40 - 140	93%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1514-09	Acq On:	11 Mar 2025 12:25
Client Sample ID:	FB03062025	Operator:	YP/AJ
Data file:	FD049186.D	Misc:	
Instrument:	FID_D	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.074	5.792	356117	2.162	200	ug/ml
Aromatic C12-C16	5.793	8.394	599098	3.425	300	ug/ml
Aromatic C16-C21	8.395	12.658	1926944	12.169	500	ug/ml
Aromatic C21-C36	12.659	18.072	2481066	18.566	800	ug/ml
Aromatic EPH	4.074	18.072	5363225	36.321		ug/ml
ortho-Terphenyl (SURR)	11.233	11.233	8150096	46.62		ug/ml
2-Bromonaphthalene (SURR)	7.349	7.349	7237617	47.6		ug/ml
2-Fluorobiphenyl (SURR)	8.201	8.201	4077938	51.2		ug/ml



QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: PORT06
Lab Code: CHEM CASE No.: Q1514 SAS No.: Q1514 SDG No.: Q1514
Run Number: FC031125AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
PB167056BL	71			0
PB167056BS	72			0
PB167056BSD	70			0
ENV-105-GW01	75			0
ENV-103-GW01	67			0
FB03062025	96			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.: Q1514 SAS No.: Q1514 SDG No.: Q1514
Run Number: FD031125AR

Client SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
PB167056BL	109	117	90	0
PB167056BS	110	132	92	0
PB167056BSD	111	134	93	0
ENV-105-GW01	118	134	92	0
ENV-103-GW01	115	130	89	0
FB03062025	95	102	93	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.: Q1514 SAS No.: Q1514 SDG No.: Q1514
Run Number: FE031025AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
PB167058BL	74			0
PB167058BS	85			0
PB167058BSD	87			0
ENV-101-SB01MS	74			0
ENV-101-SB01MSD	77			0
ENV-105-SB01	66			0
ENV-105-SB02	67			0
ENV-103-SB01	58			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.: Q1514 SAS No.: Q1514 SDG No.: Q1514
Run Number: FE031125AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
ENV-105-SB01DL	64			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

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SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: PORT06
Lab Code: CHEM CASE No.: Q1514 SAS No.: Q1514 SDG No.: Q1514
Run Number: FF031025AR

Client SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
PB167058BL	105	111	85	0
PB167058BS	132	135	111	0
PB167058BSD	118	119	99	0
ENV-101-SB01MS	110	108	65	0
ENV-101-SB01MSD	105	104	62	0
ENV-105-SB01	108	102	61	0
ENV-105-SB02	102	99	51	0
ENV-103-SB01	111	109	54	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.: Q1514 SAS No.: Q1514 SDG No.: Q1514
Run Number: FF031125AR

Client SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
ENV-105-SB01DL	102	90	60	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

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SOIL EPH SURROGATE RECOVERY

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J

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

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1514 **SAS No :** Q1514 **SDG No:** Q1514
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:** Q1514 **SAS No :** Q1514 **SDG No:** Q1514
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:** Q1514 **SAS No :** Q1514 **SDG No:** Q1514
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:** Q1514 **SAS No :** Q1514 **SDG No:** Q1514
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:** Q1514 **SAS No :** Q1514 **SDG No:** Q1514
Sample No : PB167056BS **Datafile:** FC068391.D
Client ID : PB167056BS

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS
Aliphatic C9-C12	300	158	53		(40-140)
Aliphatic C12-C16	200	147	74		(40-140)
Aliphatic C16-C21	300	259	86		(40-140)
Aliphatic C21-C28	400	348	87		(40-140)
Aliphatic C28-C40	600	556	93		(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:** Q1514 **SAS No :** Q1514 **SDG No:** Q1514
Sample No : PB167056BSD **Datafile:** FC068392.D
Client ID : PB167056BSD

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aliphatic C9-C12	300	155	52		2 (40-140)	50
Aliphatic C12-C16	200	144	72		2.1 (40-140)	50
Aliphatic C16-C21	300	253	84		2.3 (40-140)	50
Aliphatic C21-C28	400	341	85		2 (40-140)	50
Aliphatic C28-C40	600	554	92		0.396 (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:** Q1514 **SAS No :** Q1514 **SDG No:** Q1514
Sample No : PB167056BS **Datafile:** FD049181.D
Client ID : PB167056BS

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS
Aromatic C10-C12	200	145	72		(40-140)
Aromatic C12-C16	300	234	78		(40-140)
Aromatic C16-C21	500	499	100		(40-140)
Aromatic C21-C36	800	867	108		(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:** Q1514 **SAS No :** Q1514 **SDG No:** Q1514
Sample No : PB167056BSD **Datafile:** FD049182.D
Client ID : PB167056BSD

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aromatic C10-C12	200	147	74		1.4 (40-140)	50
Aromatic C12-C16	300	237	79		1.3 (40-140)	50
Aromatic C16-C21	500	510	102		2.2 (40-140)	50
Aromatic C21-C36	800	893	111		3.3 (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:** Q1514 **SAS No :** Q1514 **SDG No:** Q1514
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)

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SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1514 **SAS No :** Q1514 **SDG No:** Q1514
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:** Q1514 **SAS No :** Q1514 **SDG No:** Q1514
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:** Q1514 **SAS No :** Q1514 **SDG No:** Q1514
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.

PB167056BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q1514

SAS No.: Q1514 SDG NO.: Q1514

Instrument ID: FID_C

Lab Sample ID: PB167056BL

Matrix: (soil/water) Water

Date Extracted: 3/10/2025 8:45:00 A

Level: (low/med) low

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

EPA SAMPLE NO.	LAB SAMPLE ID
PB167056BS	PB167056BS
PB167056BSD	PB167056BSD
ENV-105-GW01	Q1514-07
ENV-103-GW01	Q1514-08
FB03062025	Q1514-09

COMMENTS: _____

4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167058BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q1514

SAS No.: Q1514 SDG NO.: Q1514

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-SB01MS	Q1488-01MS
ENV-101-SB01MSD	Q1488-01MSD
ENV-105-SB01	Q1514-01
ENV-105-SB02	Q1514-03
ENV-103-SB01	Q1514-05

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167056BL	SDG No.:	Q1514
Lab Sample ID:	PB167056BL	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
03/10/25 08:45	03/11/25 8:37	PB167056

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	FC068390.D
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	1	3.61	20.0	ug/l	FC068390.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FC068390.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FC068390.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	1	17.0	60.0	ug/l	FC068390.D
Aromatic C10-C12	Aromatic C10-C12	3.32	U	1	3.32	20.0	ug/l	FD049180.D
Aromatic C12-C16	Aromatic C12-C16	3.69	U	1	3.69	30.0	ug/l	FD049180.D
Aromatic C16-C21	Aromatic C16-C21	12.7	U	1	12.7	50.0	ug/l	FD049180.D
Aromatic C21-C36	Aromatic C21-C36	25.2	U	1	25.2	80.0	ug/l	FD049180.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:	PB167056BL	SDG No.:	Q1514
Lab Sample ID:	PB167056BL	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
FC068390.D	1	03/10/25	03/11/25	PB167056

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)	35.7		40 - 140	71%	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:	PB167056BL	Acq On:	11 Mar 2025 08:37
Client Sample ID:	PB167056BL	Operator:	YP/AJ
Data file:	FC068390.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	3.101	6.364	0	0	300	ug/ml
Aliphatic C12-C16	6.365	9.747	0	0	200	ug/ml
Aliphatic C16-C21	9.748	13.100	0	0	300	ug/ml
Aliphatic C21-C28	13.101	16.752	0	0	400	ug/ml
Aliphatic C28-C40	16.753	21.552	0	0	600	ug/ml
Aliphatic EPH	3.101	21.552	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.832	12.832	4133056	35.68		ug/ml
Aliphatic C9-C28	3.101	16.752	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:	PB167056BL	SDG No.:	Q1514
Lab Sample ID:	PB167056BL	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
FD049180.D	1	03/10/25	03/11/25	PB167056

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)	54.6		40 - 140	109%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	58.6		40 - 140	117%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.0		40 - 140	90%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB167056BL	Acq On:	11 Mar 2025 08:37
Client Sample ID:	PB167056BL	Operator:	YP/AJ
Data file:	FD049180.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	4.074	5.792	0	0	200	ug/ml
Aromatic C12-C16	5.793	8.394	0	0	300	ug/ml
Aromatic C16-C21	8.395	12.658	0	0	500	ug/ml
Aromatic C21-C36	12.659	18.072	0	0	800	ug/ml
Aromatic EPH	4.074	18.072	0	0		ug/ml
2-Bromonaphthalene (SURR)	7.350	7.350	8309413	54.65		ug/ml
2-Fluorobiphenyl (SURR)	8.201	8.201	4671364	58.65		ug/ml
ortho-Terphenyl (SURR)	11.233	11.233	7869757	45.02		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.:	Q1514
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.:	Q1514
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:	PB167058BL	SDG No.:	Q1514
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:	PB167056BS	SDG No.:	Q1514
Lab Sample ID:	PB167056BS	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
03/10/25 08:45	03/11/25 9:14	PB167056

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	158		1	5.76	30.0	ug/l	FC068391.D
Aliphatic C12-C16	Aliphatic C12-C16	147		1	3.61	20.0	ug/l	FC068391.D
Aliphatic C16-C21	Aliphatic C16-C21	259		1	5.14	30.0	ug/l	FC068391.D
Aliphatic C21-C28	Aliphatic C21-C28	348		1	8.97	40.0	ug/l	FC068391.D
Aliphatic C28-C40	Aliphatic C28-C40	556		1	17.0	60.0	ug/l	FC068391.D
Aromatic C10-C12	Aromatic C10-C12	145		1	2.07	20.0	ug/l	FD049181.D
Aromatic C12-C16	Aromatic C12-C16	234		1	4.26	30.0	ug/l	FD049181.D
Aromatic C16-C21	Aromatic C16-C21	499		1	8.27	50.0	ug/l	FD049181.D
Aromatic C21-C36	Aromatic C21-C36	867		1	23.8	80.0	ug/l	FD049181.D
Total AliphaticEPH	Total AliphaticEPH	1470			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1750			38.4	180	ug/l	
Total EPH	Total EPH	3210			78.9	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:	PB167056BS	SDG No.:	Q1514
Lab Sample ID:	PB167056BS	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
FC068391.D	1	03/10/25	03/11/25	PB167056

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	158		5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	147		3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	259		5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	348		8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	556		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.2		40 - 140	72%	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:	PB167056BS	Acq On:	11 Mar 2025 09:14
Client Sample ID:	PB167056BS	Operator:	YP/AJ
Data file:	FC068391.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	3.101	6.364	11628242	79.492	300	ug/ml
Aliphatic C12-C16	6.365	9.747	10425687	73.941	200	ug/ml
Aliphatic C16-C21	9.748	13.100	17790030	129.857	300	ug/ml
Aliphatic C21-C28	13.101	16.752	22901016	174.465	400	ug/ml
Aliphatic C28-C40	16.753	21.552	32110089	278.219	600	ug/ml
Aliphatic EPH	3.101	21.552	94855064	735.974		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.832	12.832	4190688	36.18		ug/ml
Aliphatic C9-C28	3.101	16.752	62744975	457.755	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167056BS	SDG No.:	Q1514
Lab Sample ID:	PB167056BS	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:		Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049181.D	1	03/10/25	03/11/25	PB167056

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	145		2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	234		4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	499		8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	867		23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	54.9		40 - 140	110%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	65.9		40 - 140	132%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.9		40 - 140	92%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB167056BS	Acq On:	11 Mar 2025 09:14
Client Sample ID:	PB167056BS	Operator:	YP/AJ
Data file:	FD049181.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	4.074	5.792	11945476	72.509	200	ug/ml
Aromatic C12-C16	5.793	8.394	20508850	117.236	300	ug/ml
Aromatic C16-C21	8.395	12.658	39565825	249.86	500	ug/ml
Aromatic C21-C36	12.659	18.072	57951527	433.664	800	ug/ml
Aromatic EPH	4.074	18.072	129971678	873.269		ug/ml
ortho-Terphenyl (SURR)	11.233	11.233	8030559	45.94		ug/ml
2-Bromonaphthalene (SURR)	7.349	7.349	8348883	54.91		ug/ml
2-Fluorobiphenyl (SURR)	8.200	8.200	5252333	65.94		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.:	Q1514
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.:	Q1514
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.:	Q1514
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:	PB167056BSD	SDG No.:	Q1514
Lab Sample ID:	PB167056BSD	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
03/10/25 08:45	03/11/25 9:52	PB167056

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	155		1	5.76	30.0	ug/l	FC068392.D
Aliphatic C12-C16	Aliphatic C12-C16	144		1	3.61	20.0	ug/l	FC068392.D
Aliphatic C16-C21	Aliphatic C16-C21	253		1	5.14	30.0	ug/l	FC068392.D
Aliphatic C21-C28	Aliphatic C21-C28	341		1	8.97	40.0	ug/l	FC068392.D
Aliphatic C28-C40	Aliphatic C28-C40	554		1	17.0	60.0	ug/l	FC068392.D
Aromatic C10-C12	Aromatic C10-C12	147		1	2.07	20.0	ug/l	FD049182.D
Aromatic C12-C16	Aromatic C12-C16	237		1	4.26	30.0	ug/l	FD049182.D
Aromatic C16-C21	Aromatic C16-C21	510		1	8.27	50.0	ug/l	FD049182.D
Aromatic C21-C36	Aromatic C21-C36	893		1	23.8	80.0	ug/l	FD049182.D
Total AliphaticEPH	Total AliphaticEPH	1450			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1790			38.4	180	ug/l	
Total EPH	Total EPH	3230			78.9	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:	PB167056BSD	SDG No.:	Q1514
Lab Sample ID:	PB167056BSD	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
FC068392.D	1	03/10/25	03/11/25	PB167056

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	155		5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	144		3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	253		5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	341		8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	554		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.8		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:	PB167056BSD	Acq On:	11 Mar 2025 09:52
Client Sample ID:	PB167056BSD	Operator:	YP/AJ
Data file:	FC068392.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	3.101	6.364	11360536	77.662	300	ug/ml
Aliphatic C12-C16	6.365	9.747	10158983	72.049	200	ug/ml
Aliphatic C16-C21	9.748	13.100	17334464	126.532	300	ug/ml
Aliphatic C21-C28	13.101	16.752	22401548	170.659	400	ug/ml
Aliphatic C28-C40	16.753	21.552	31998862	277.256	600	ug/ml
Aliphatic EPH	3.101	21.552	93254393	724.158		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.833	12.833	4031444	34.81		ug/ml
Aliphatic C9-C28	3.101	16.752	61255531	446.902	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167056BSD	SDG No.:	Q1514
Lab Sample ID:	PB167056BSD	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
FD049182.D	1	03/10/25	03/11/25	PB167056

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	147		2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	237		4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	510		8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	893		23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	55.6		40 - 140	111%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	67.1		40 - 140	134%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	46.6		40 - 140	93%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB167056BSD	Acq On:	11 Mar 2025 09:52
Client Sample ID:	PB167056BSD	Operator:	YP/AJ
Data file:	FD049182.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	4.074	5.792	12153074	73.769	200	ug/ml
Aromatic C12-C16	5.793	8.394	20815329	118.988	300	ug/ml
Aromatic C16-C21	8.395	12.658	40403471	255.15	500	ug/ml
Aromatic C21-C36	12.659	18.072	59670132	446.525	800	ug/ml
Aromatic EPH	4.074	18.072	133042006	894.432		ug/ml
2-Bromonaphthalene (SURR)	7.350	7.350	8458301	55.63		ug/ml
2-Fluorobiphenyl (SURR)	8.200	8.200	5343847	67.09		ug/ml
ortho-Terphenyl (SURR)	11.233	11.233	8139549	46.56		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.:	Q1514
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.:	Q1514
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.:	Q1514
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.:	Q1514
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.:	Q1514
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	Aliphatic C9-C12	6.85		0.43	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	6.01		0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.92		0.34	1.13	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	13.1		0.90	1.51	mg/kg
Aliphatic C28-C40	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:	Q1488-01MS	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-SB01MS	SDG No.:	Q1514
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-SB01MSD	SDG No.:	Q1514
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.:	Q1514
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	Aliphatic C9-C12	6.97		0.43	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	6.12		0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	10.1		0.34	1.13	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	13.3		0.90	1.51	mg/kg
Aliphatic C28-C40	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:	Q1488-01MSD	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

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.:	Q1514
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



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FC030625AL

AreaCount

Parameter Range	FC068379.D	FC068380.D	FC068381.D	FC068382.D	FC068383.D	
Aliphatic C9-C12	39954639.000	20878360.000	8970230.000	4655530.000	2315238.000	
Aliphatic C12-C16	26001533.000	13461156.000	5785198.000	2975467.000	1469811.000	
Aliphatic C16-C21	37462314.000	19491428.000	8377351.000	4346793.000	2184750.000	
Aliphatic C21-C28	46903363.000	24786762.000	10667848.000	5665949.000	2802680.000	
Aliphatic C28-C40	58963830.000	31532442.000	14144019.000	7470425.000	3939270.000	
Aliphatic EPH	209285679.000	110150148.000	47944646.000	25114164.000	12711749.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	146281.7126664	6.633				
Aliphatic C12-C16	141000.725	5.838				
Aliphatic C16-C21	136996.5699998	6.738				
Aliphatic C21-C28	131264.6085	7.997				
Aliphatic C28-C40	115412.8196666	11.796				
Aliphatic EPH	130520.6472218	8.325				

Concentration

Parameter Range	FC068379.D	FC068380.D	FC068381.D	FC068382.D	FC068383.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	FC068379.D	FC068380.D	FC068381.D	FC068382.D	FC068383.D	
Aliphatic C9-C12	133182.130000	139189.066666	149503.833333	155184.333333	154349.200000	
Aliphatic C12-C16	130007.665000	134611.560000	144629.950000	148773.350000	146981.100000	
Aliphatic C16-C21	124874.380000	129942.853333	139622.516666	144893.100000	145650.000000	

Initial Calibration Report for SequenceID : FC030625AL

Aliphatic C21-C28	117258.407500	123933.810000	133348.100000	141648.725000	140134.000000	
Aliphatic C28-C40	98273.050000	105108.140000	117866.825000	124507.083333	131309.000000	
Aliphatic EPH	116269.821666	122389.053333	133179.572222	139523.133333	141241.655555	

Initial Calibration Report for SequenceID : FD030725AR

AreaCount

Parameter Range	FD049169.D	FD049170.D	FD049171.D	FD049172.D	FD049173.D	
Aromatic C10-C12	31502271.000	15949911.000	6606460.000	3264428.000	1783314.000	
Aromatic C12-C16	47514269.000	24214219.000	10240128.000	5275160.000	3125439.000	
Aromatic C16-C21	61123303.000	30786599.000	12629908.000	6229605.000	3428089.000	
Aromatic C21-C36	123102672.000	61167323.000	23962500.000	11516521.000	6046514.000	
Aromatic EPH	263242515.000	132118052.000	53438996.000	26285714.000	14383356.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	164744.953	4.959				
Aromatic C12-C16	174935.8179996	11.407				
Aromatic C16-C21	158351.9355	4.764				
Aromatic C21-C36	133632.2906662	2.596				
Aromatic EPH	149466.4287772	3.922				

Concentration

Parameter Range	FD049169.D	FD049170.D	FD049171.D	FD049172.D	FD049173.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	FD049169.D	FD049170.D	FD049171.D	FD049172.D	FD049173.D	
Aromatic C10-C12	157511.355000	159499.110000	165161.500000	163221.400000	178331.400000	
Aromatic C12-C16	158380.896666	161428.126666	170668.800000	175838.666666	208362.600000	
Aromatic C16-C21	152808.257500	153932.995000	157873.850000	155740.125000	171404.450000	
Aromatic C21-C36	136780.746666	135927.384444	133125.000000	127961.344444	134366.977777	
Aromatic EPH	146245.841666	146797.835555	148441.655555	146031.744444	159815.066666	

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	

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	

Continuing Calibration Report for SequenceID : FC031125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FC068389.D

Aliphatic C9-C12	8625598.000	60.000	3.101	6.364	143759.967	146281.713	1.724
Aliphatic C12-C16	5422929.000	40.000	6.365	9.747	135573.225	141000.725	3.849
Aliphatic C16-C21	7841092.000	60.000	9.748	13.100	130684.867	136996.570	4.607
Aliphatic C21-C28	9997401.000	80.000	13.101	16.752	124967.513	131264.609	4.797
Aliphatic C28-C40	12578828.000	120.000	16.753	21.552	104823.567	115412.820	9.175
Aliphatic EPH	44465848.000	360.000	3.101	21.552	123516.244	130520.647	5.367

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	11 Mar 2025 08:00
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068389.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.101	6.364	8625598.000	60.000	ug/ml
Aliphatic C12-C16	6.365	9.747	5422929.000	40.000	ug/ml
Aliphatic C16-C21	9.748	13.100	7841092.000	60.000	ug/ml
Aliphatic C21-C28	13.101	16.752	9997401.000	80.000	ug/ml
Aliphatic C28-C40	16.753	21.552	12578828.000	120.000	ug/ml
Aliphatic EPH	3.101	21.552	44465848.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FC031125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FC068398.D

Aliphatic C9-C12	8542062.000	60.000	3.101	6.364	142367.700	146281.713	2.676
Aliphatic C12-C16	5395180.000	40.000	6.365	9.747	134879.500	141000.725	4.341
Aliphatic C16-C21	7880234.000	60.000	9.748	13.100	131337.233	136996.570	4.131
Aliphatic C21-C28	10092561.000	80.000	13.101	16.752	126157.013	131264.609	3.891
Aliphatic C28-C40	12905460.000	120.000	16.753	21.552	107545.500	115412.820	6.817
Aliphatic EPH	44815497.000	360.000	3.101	21.552	124487.492	130520.647	4.622

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	11 Mar 2025 13:39
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068398.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.101	6.364	8542062.000	60.000	ug/ml
Aliphatic C12-C16	6.365	9.747	5395180.000	40.000	ug/ml
Aliphatic C16-C21	9.748	13.100	7880234.000	60.000	ug/ml
Aliphatic C21-C28	13.101	16.752	10092561.000	80.000	ug/ml
Aliphatic C28-C40	16.753	21.552	12905460.000	120.000	ug/ml
Aliphatic EPH	3.101	21.552	44815497.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD031125AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FD049179.D

Aromatic C10-C12	6699385.000	40.000	4.074	5.792	167484.625	164744.953	-1.663
Aromatic C12-C16	10091225.000	60.000	5.793	8.394	168187.083	174935.818	3.858
Aromatic C16-C21	12523109.000	80.000	8.395	12.658	156538.863	158351.936	1.145
Aromatic C21-C36	24929730.000	180.000	12.659	18.072	138498.500	133632.291	-3.641
Aromatic EPH	54243449.000	360.000	4.074	18.072	150676.247	149466.429	-0.809

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	11 Mar 2025 08:00
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049179.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.074	5.792	6699385.000	40.000	ug/ml
Aromatic C12-C16	5.793	8.394	10091225.000	60.000	ug/ml
Aromatic C16-C21	8.395	12.658	12523109.000	80.000	ug/ml
Aromatic C21-C36	12.659	18.072	24929730.000	180.000	ug/ml
Aromatic EPH	4.074	18.072	54243449.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD031125AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FD049188.D

Aromatic C10-C12	6767053.000	40.000	4.074	5.792	169176.325	164744.953	-2.690
Aromatic C12-C16	10153428.000	60.000	5.793	8.394	169223.800	174935.818	3.265
Aromatic C16-C21	12677995.000	80.000	8.395	12.658	158474.938	158351.936	-0.078
Aromatic C21-C36	26006138.000	180.000	12.659	18.072	144478.544	133632.291	-8.116
Aromatic EPH	55604614.000	360.000	4.074	18.072	154457.261	149466.429	-3.339

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	11 Mar 2025 13:39
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049188.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.074	5.792	6767053.000	40.000	ug/ml
Aromatic C12-C16	5.793	8.394	10153428.000	60.000	ug/ml
Aromatic C16-C21	8.395	12.658	12677995.000	80.000	ug/ml
Aromatic C21-C36	12.659	18.072	26006138.000	180.000	ug/ml
Aromatic EPH	4.074	18.072	55604614.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FE031025AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

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

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 : FE031125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FE052727.D

Aliphatic C9-C12	9718254.000	60.000	3.148	6.791	161970.900	155948.436	-3.862
Aliphatic C12-C16	6383599.000	40.000	6.792	10.243	159589.975	152098.489	-4.925
Aliphatic C16-C21	9144320.000	60.000	10.244	13.622	152405.333	146548.085	-3.997
Aliphatic C21-C28	12023860.000	80.000	13.623	17.293	150298.250	142451.851	-5.508
Aliphatic C28-C40	16778160.000	120.000	17.294	22.207	139818.000	127589.108	-9.585
Aliphatic EPH	54048193.000	360.000	3.148	22.207	150133.869	141501.588	-6.100

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	11 Mar 2025 09:46
Client Sample ID:		Operator:	YP\AJ
Data file:	FE052727.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.148	6.791	9718254.000	60.000	ug/ml
Aliphatic C12-C16	6.792	10.243	6383599.000	40.000	ug/ml
Aliphatic C16-C21	10.244	13.622	9144320.000	60.000	ug/ml
Aliphatic C21-C28	13.623	17.293	12023860.000	80.000	ug/ml
Aliphatic C28-C40	17.294	22.207	16778160.000	120.000	ug/ml
Aliphatic EPH	3.148	22.207	54048193.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FE031125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FE052730.D

Aliphatic C9-C12	8465489.000	60.000	3.148	6.791	141091.483	155948.436	9.527
Aliphatic C12-C16	5547984.000	40.000	6.792	10.243	138699.600	152098.489	8.809
Aliphatic C16-C21	7907392.000	60.000	10.244	13.622	131789.867	146548.085	10.071
Aliphatic C21-C28	10405779.000	80.000	13.623	17.293	130072.238	142451.851	8.690
Aliphatic C28-C40	14607987.000	120.000	17.294	22.207	121733.225	127589.108	4.590
Aliphatic EPH	46934631.000	360.000	3.148	22.207	130373.975	141501.588	7.864

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	11 Mar 2025 11:50
Client Sample ID:		Operator:	YP\AJ
Data file:	FE052730.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.148	6.791	8465489.000	60.000	ug/ml
Aliphatic C12-C16	6.792	10.243	5547984.000	40.000	ug/ml
Aliphatic C16-C21	10.244	13.622	7907392.000	60.000	ug/ml
Aliphatic C21-C28	13.623	17.293	10405779.000	80.000	ug/ml
Aliphatic C28-C40	17.294	22.207	14607987.000	120.000	ug/ml
Aliphatic EPH	3.148	22.207	46934631.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FF031025AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

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:	YP\AJ
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

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:	YPAJ
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

Continuing Calibration Report for SequenceID : FF031125AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FF015648.D

Aromatic C10-C12	5382432.000	40.000	4.503	6.375	134560.800	128361.211	-4.830
Aromatic C12-C16	8526833.000	60.000	6.376	9.068	142113.883	136800.309	-3.884
Aromatic C16-C21	10772718.000	80.000	9.069	13.389	134658.975	133038.999	-1.218
Aromatic C21-C36	22365775.000	180.000	13.390	18.846	124254.306	130055.838	4.461
Aromatic EPH	47047758.000	360.000	4.503	18.846	130688.217	131654.549	0.734

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	11 Mar 2025 09:36
Client Sample ID:		Operator:	YP\AJ
Data file:	FF015648.D	Misc:	
Instrument:	FID_F	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.503	6.375	5382432.000	40.000	ug/ml
Aromatic C12-C16	6.376	9.068	8526833.000	60.000	ug/ml
Aromatic C16-C21	9.069	13.389	10772718.000	80.000	ug/ml
Aromatic C21-C36	13.390	18.846	22365775.000	180.000	ug/ml
Aromatic EPH	4.503	18.846	47047758.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FF031125AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FF015651.D

Aromatic C10-C12	5477031.000	40.000	4.503	6.375	136925.775	128361.211	-6.672
Aromatic C12-C16	8600013.000	60.000	6.376	9.068	143333.550	136800.309	-4.776
Aromatic C16-C21	10909525.000	80.000	9.069	13.389	136369.063	133038.999	-2.503
Aromatic C21-C36	22831546.000	180.000	13.390	18.846	126841.922	130055.838	2.471
Aromatic EPH	47818115.000	360.000	4.503	18.846	132828.097	131654.549	-0.891

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	11 Mar 2025 11:15
Client Sample ID:		Operator:	YP\AJ
Data file:	FF015651.D	Misc:	
Instrument:	FID_F	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.503	6.375	5477031.000	40.000	ug/ml
Aromatic C12-C16	6.376	9.068	8600013.000	60.000	ug/ml
Aromatic C16-C21	9.069	13.389	10909525.000	80.000	ug/ml
Aromatic C21-C36	13.390	18.846	22831546.000	180.000	ug/ml
Aromatic EPH	4.503	18.846	47818115.000	360.000	ug/ml



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052720.D
Signal(s) : FID1B.ch
Acq On : 11 Mar 2025 02:04
Operator : YP\AJ
Sample : Q1514-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
ENV-105-SB01

Integration File: autoint1.e
Quant Time: Mar 11 05:26:55 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	4035950	33.238 ug/ml
Spiked Amount	50.000	Recovery	= 66.48%

Target Compounds

(f)=RT Delta > 1/2 Window

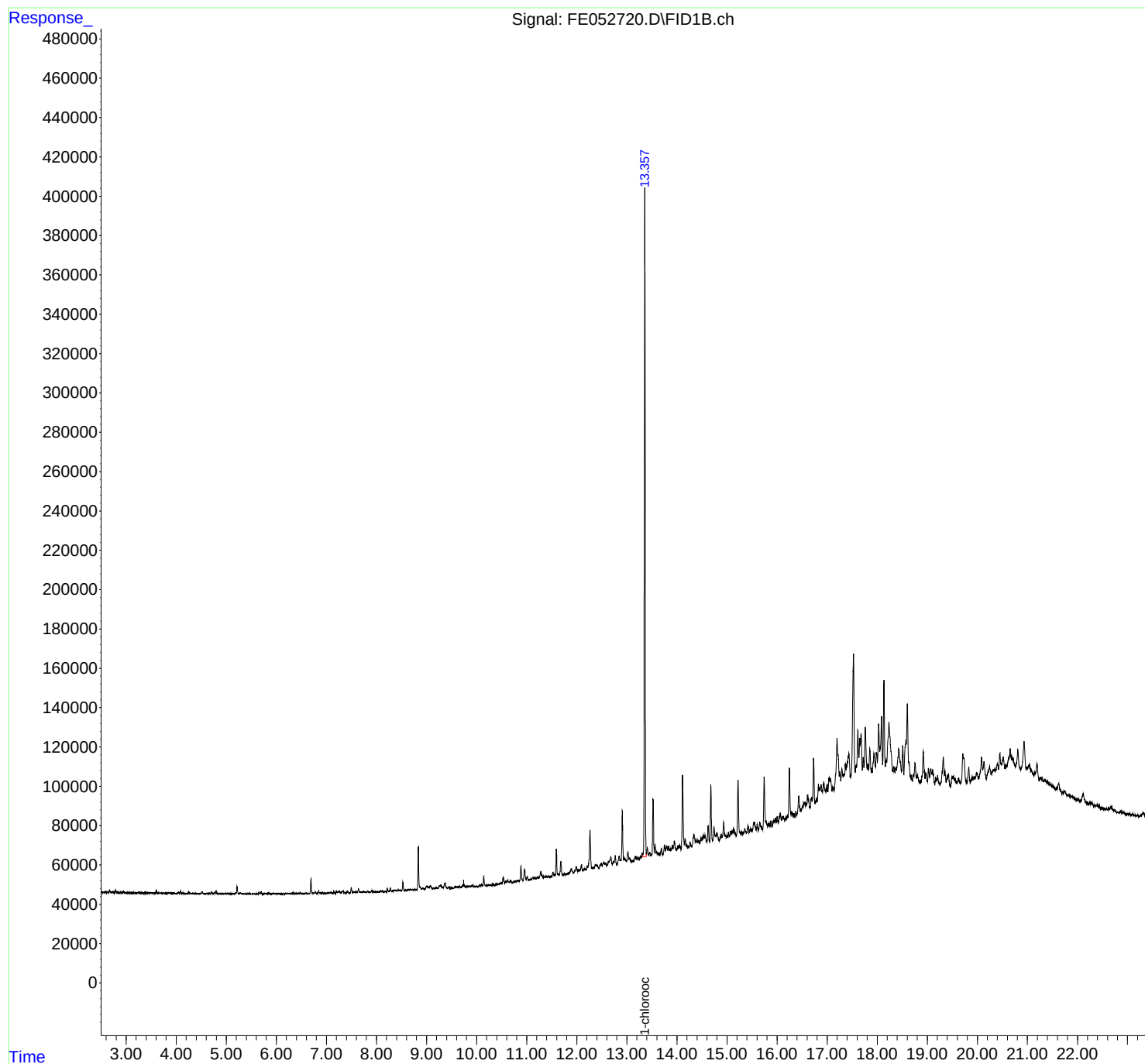
(m)=manual int.

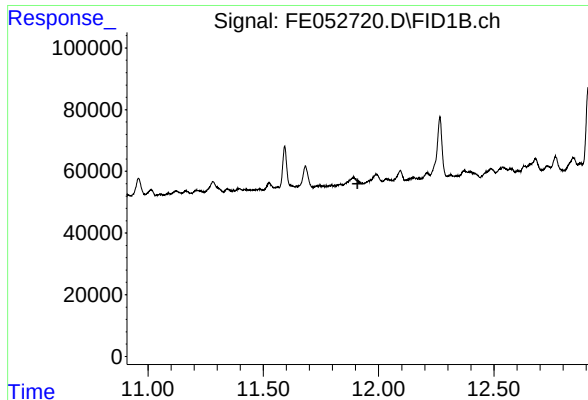
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052720.D
Signal(s) : FID1B.ch
Acq On : 11 Mar 2025 02:04
Operator : YP\AJ
Sample : Q1514-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
ENV-105-SB01

Integration File: autoint1.e
Quant Time: Mar 11 05:26:55 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

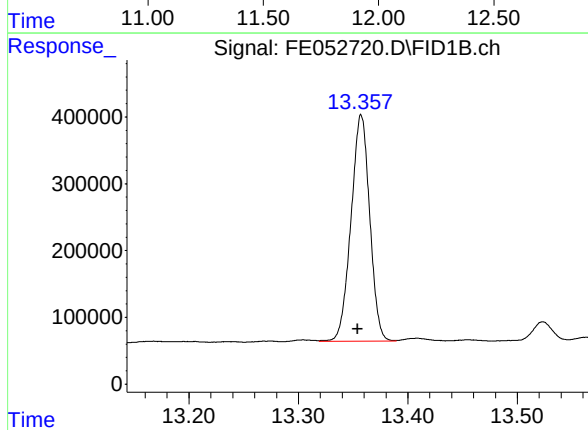




#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T.: 11.909 min
Response: 0
Conc: N.D.

Instrument :
FID_E
ClientSampleId :
ENV-105-SB01



#12 1-chlorooctadecane (SURRE)

R.T.: 13.357 min
Delta R.T.: 0.003 min
Response: 4035950
Conc: 33.24 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052720.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2025 02:04
 Sample : Q1514-01
 Misc :
 ALS Vial : 31 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	2.833	2.805	2.854	BV	55	-369	-0.01%	-0.000%
2	2.883	2.854	2.921	PV	165	3447	0.08%	0.002%
3	2.944	2.921	3.002	PV	546	7096	0.16%	0.004%
4	3.014	3.002	3.025	PV	171	1206	0.03%	0.001%
5	3.032	3.025	3.051	VV	97	1287	0.03%	0.001%
6	3.059	3.051	3.078	VV	123	1594	0.04%	0.001%
7	3.095	3.078	3.111	PV	102	1580	0.04%	0.001%
8	3.119	3.111	3.141	VV	131	1361	0.03%	0.001%
9	3.160	3.141	3.186	VV	148	1891	0.04%	0.001%
10	3.195	3.186	3.211	VV	83	825	0.02%	0.000%
11	3.251	3.211	3.317	VV	518	9589	0.22%	0.006%
12	3.331	3.317	3.350	VV	115	1349	0.03%	0.001%
13	3.364	3.350	3.378	VV	79	1010	0.02%	0.001%
14	3.396	3.378	3.416	VV	141	1865	0.04%	0.001%
15	3.422	3.416	3.455	VV	66	1831	0.04%	0.001%
16	3.464	3.455	3.484	VV	143	2096	0.05%	0.001%
17	3.499	3.484	3.512	VV	170	2317	0.05%	0.001%
18	3.606	3.512	3.628	VV	1471	23440	0.54%	0.014%
19	3.642	3.628	3.684	VV	308	5294	0.12%	0.003%
20	3.701	3.684	3.719	VV	276	3530	0.08%	0.002%
21	3.737	3.719	3.750	VV	141	1974	0.05%	0.001%
22	3.762	3.750	3.771	VV	132	1436	0.03%	0.001%
23	3.780	3.771	3.820	VV	166	2892	0.07%	0.002%
24	3.838	3.820	3.877	VV	168	4183	0.10%	0.003%
25	3.889	3.877	3.921	VV	184	2604	0.06%	0.002%
26	3.938	3.921	4.001	PV	177	4865	0.11%	0.003%
27	4.048	4.001	4.064	VV	491	6401	0.15%	0.004%
28	4.084	4.064	4.138	VV	965	14941	0.34%	0.009%
29	4.158	4.138	4.189	VV	220	3947	0.09%	0.002%
30	4.254	4.189	4.291	PV	689	13652	0.31%	0.008%
31	4.319	4.291	4.356	VV	163	3969	0.09%	0.002%
32	4.381	4.356	4.423	VV	156	3619	0.08%	0.002%
33	4.444	4.423	4.484	VV	196	4113	0.09%	0.002%
34	4.513	4.484	4.569	VV	908	17159	0.39%	0.010%
35	4.578	4.569	4.597	VV	131	1364	0.03%	0.001%
36	4.638	4.597	4.667	VV	268	5574	0.13%	0.003%

					rt	Area	%Area	%Area
37	4.701	4.667	4.721	VV	1004	13341	0.31%	0.008%
38	4.734	4.721	4.748	VV	229	3238	0.07%	0.002%
39	4.763	4.748	4.778	VV	795	8440	0.19%	0.005%
40	4.797	4.778	4.842	VV	1593	18246	0.42%	0.011%
41	4.855	4.842	4.885	VV	169	3129	0.07%	0.002%
42	4.893	4.885	4.907	VV	165	1765	0.04%	0.001%
43	4.921	4.907	4.945	VV	217	3890	0.09%	0.002%
44	4.951	4.945	5.005	VV	214	5763	0.13%	0.003%
45	5.025	5.005	5.058	VV	230	4145	0.10%	0.002%
46	5.069	5.058	5.110	VV	85	2529	0.06%	0.002%
47	5.129	5.110	5.159	VV	291	4797	0.11%	0.003%
48	5.216	5.159	5.255	VV	3730	51734	1.19%	0.031%
49	5.277	5.255	5.318	VV	754	12672	0.29%	0.008%
50	5.335	5.318	5.375	VV	195	3730	0.09%	0.002%
51	5.425	5.375	5.448	PV	255	5285	0.12%	0.003%
52	5.461	5.448	5.505	VV	298	6260	0.14%	0.004%
53	5.527	5.505	5.574	VV	184	5323	0.12%	0.003%
54	5.595	5.574	5.632	VV	171	3384	0.08%	0.002%
55	5.655	5.632	5.672	VV	876	11182	0.26%	0.007%
56	5.699	5.672	5.737	VV	1123	18224	0.42%	0.011%
57	5.760	5.737	5.814	VV	310	7851	0.18%	0.005%
58	5.842	5.814	5.868	VV	364	7685	0.18%	0.005%
59	5.888	5.868	5.913	VV	158	3145	0.07%	0.002%
60	5.964	5.913	6.001	VV	326	9227	0.21%	0.006%
61	6.010	6.001	6.052	VV	197	5154	0.12%	0.003%
62	6.064	6.052	6.074	VV	208	1788	0.04%	0.001%
63	6.083	6.074	6.121	VV	193	2300	0.05%	0.001%
64	6.136	6.121	6.155	PV	127	1496	0.03%	0.001%
65	6.188	6.155	6.201	VV	191	3676	0.08%	0.002%
66	6.231	6.201	6.268	VV	375	8745	0.20%	0.005%
67	6.291	6.268	6.305	VV	310	4843	0.11%	0.003%
68	6.334	6.305	6.357	VV	652	10519	0.24%	0.006%
69	6.400	6.357	6.430	VV	358	8660	0.20%	0.005%
70	6.474	6.430	6.499	VV	430	9736	0.22%	0.006%
71	6.516	6.499	6.541	VV	233	3782	0.09%	0.002%
72	6.579	6.541	6.598	VV	298	6023	0.14%	0.004%
73	6.600	6.598	6.668	VV	267	7803	0.18%	0.005%
74	6.692	6.668	6.743	VV	7498	83446	1.92%	0.050%
75	6.777	6.743	6.798	VV	700	10964	0.25%	0.007%
76	6.814	6.798	6.826	VV	401	4187	0.10%	0.003%
77	6.847	6.826	6.866	VV	1354	15870	0.36%	0.009%
78	6.880	6.866	6.905	VV	425	5710	0.13%	0.003%
79	6.920	6.905	6.948	PV	550	6655	0.15%	0.004%
80	6.966	6.948	6.993	VV	226	4072	0.09%	0.002%
81	7.016	6.993	7.040	VV	311	4732	0.11%	0.003%
82	7.057	7.040	7.066	VV	218	2273	0.05%	0.001%
83	7.096	7.066	7.119	VV	380	6699	0.15%	0.004%
84	7.149	7.119	7.181	VV	758	10351	0.24%	0.006%
85	7.202	7.181	7.217	VV	890	12133	0.28%	0.007%
86	7.252	7.217	7.287	VV	886	25758	0.59%	0.015%
87	7.332	7.287	7.390	VV	1196	31560	0.73%	0.019%
88	7.415	7.390	7.452	PV	701	12712	0.29%	0.008%
89	7.498	7.452	7.529	VV	2841	36348	0.84%	0.022%

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90	7.560	7.529	7.585	VV	458	11566	0.27%	0.007%
91	7.607	7.585	7.617	VV	494	7353	0.17%	0.004%
92	7.642	7.617	7.665	VV	2056	27617	0.63%	0.017%
93	7.682	7.665	7.721	VV	395	10054	0.23%	0.006%
94	7.736	7.721	7.753	VV	588	7970	0.18%	0.005%
95	7.768	7.753	7.784	VV	375	5171	0.12%	0.003%
96	7.795	7.784	7.803	VV	262	2829	0.07%	0.002%
97	7.829	7.803	7.861	VV	513	9043	0.21%	0.005%
98	7.871	7.861	7.880	VV	124	814	0.02%	0.000%
99	7.908	7.880	7.925	PV	962	12110	0.28%	0.007%
100	7.937	7.925	7.959	VV	445	6656	0.15%	0.004%
101	7.988	7.959	8.011	VV	306	7718	0.18%	0.005%
102	8.020	8.011	8.040	VV	307	2937	0.07%	0.002%
103	8.076	8.040	8.095	PV	466	8260	0.19%	0.005%
104	8.112	8.095	8.158	VV	331	8544	0.20%	0.005%
105	8.176	8.158	8.195	PV	333	3912	0.09%	0.002%
106	8.219	8.195	8.239	VV	1318	15644	0.36%	0.009%
107	8.277	8.239	8.303	VV	1827	25558	0.59%	0.015%
108	8.320	8.303	8.335	VV	294	3695	0.08%	0.002%
109	8.348	8.335	8.366	VV	798	9905	0.23%	0.006%
110	8.376	8.366	8.414	VV	592	11895	0.27%	0.007%
111	8.435	8.414	8.457	VV	737	10667	0.25%	0.006%
112	8.469	8.457	8.496	VV	402	6690	0.15%	0.004%
113	8.529	8.496	8.571	VV	4508	58257	1.34%	0.035%
114	8.588	8.571	8.605	VV	323	3744	0.09%	0.002%
115	8.627	8.605	8.638	VV	490	6777	0.16%	0.004%
116	8.684	8.638	8.700	VV	738	16684	0.38%	0.010%
117	8.724	8.700	8.749	VV	647	12730	0.29%	0.008%
118	8.767	8.749	8.803	VV	702	11563	0.27%	0.007%
119	8.836	8.803	8.898	VV	22004	271153	6.23%	0.162%
120	8.918	8.898	8.968	VV	784	23108	0.53%	0.014%
121	9.022	8.968	9.038	VV	1618	51034	1.17%	0.031%
122	9.074	9.038	9.115	VV	2063	56767	1.30%	0.034%
123	9.138	9.115	9.166	VV	560	14777	0.34%	0.009%
124	9.189	9.166	9.208	VV	643	11887	0.27%	0.007%
125	9.222	9.208	9.231	VV	512	6647	0.15%	0.004%
126	9.259	9.231	9.271	VV	1679	28161	0.65%	0.017%
127	9.290	9.271	9.328	VV	1622	40970	0.94%	0.024%
128	9.371	9.328	9.425	VV	2711	70695	1.62%	0.042%
129	9.447	9.425	9.471	VV	826	12328	0.28%	0.007%
130	9.494	9.471	9.513	VV	477	5175	0.12%	0.003%
131	9.522	9.513	9.535	VV	94	826	0.02%	0.000%
132	9.566	9.535	9.588	PV	696	12865	0.30%	0.008%
133	9.603	9.588	9.632	VV	531	11625	0.27%	0.007%
134	9.667	9.632	9.681	VV	636	13297	0.31%	0.008%
135	9.740	9.681	9.780	VV	2275	46595	1.07%	0.028%
136	9.825	9.780	9.845	VV	636	16527	0.38%	0.010%
137	9.868	9.845	9.885	VV	821	12093	0.28%	0.007%
138	9.921	9.885	9.947	VV	1006	21192	0.49%	0.013%
139	10.015	9.947	10.035	VV	245	7509	0.17%	0.004%
140	10.063	10.035	10.081	PV	888	14132	0.32%	0.008%
141	10.099	10.081	10.118	VV	744	11962	0.27%	0.007%

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142	10.143	10.118	10.175	VV	5010	63063	1.45%	0.038%
143	10.216	10.175	10.235	VV	447	11739	0.27%	0.007%
144	10.245	10.235	10.280	VV	449	6923	0.16%	0.004%
145	10.318	10.280	10.345	VV	383	8430	0.19%	0.005%
146	10.353	10.345	10.361	VV	136	1138	0.03%	0.001%
147	10.415	10.361	10.434	VV	408	11785	0.27%	0.007%
148	10.461	10.434	10.471	VV	656	9336	0.21%	0.006%
149	10.488	10.471	10.503	VV	839	12784	0.29%	0.008%
150	10.533	10.503	10.558	VV	3649	62215	1.43%	0.037%
151	10.589	10.558	10.602	VV	1387	29547	0.68%	0.018%
152	10.623	10.602	10.645	VV	1873	35528	0.82%	0.021%
153	10.681	10.645	10.711	VV	1920	41304	0.95%	0.025%
154	10.751	10.711	10.766	VV	1073	27145	0.62%	0.016%
155	10.785	10.766	10.801	VV	1163	21826	0.50%	0.013%
156	10.818	10.801	10.845	VV	1352	29532	0.68%	0.018%
157	10.887	10.845	10.925	VV	8464	140436	3.23%	0.084%
158	10.959	10.925	10.988	VV	6651	123284	2.83%	0.074%
159	11.013	10.988	11.035	VV	2715	53772	1.24%	0.032%
160	11.052	11.035	11.068	VV	1214	22142	0.51%	0.013%
161	11.122	11.068	11.145	VV	2213	70409	1.62%	0.042%
162	11.164	11.145	11.191	VV	2017	45129	1.04%	0.027%
163	11.210	11.191	11.244	VV	2082	56506	1.30%	0.034%
164	11.282	11.244	11.327	VV	4845	141531	3.25%	0.085%
165	11.344	11.327	11.361	VV	2340	38665	0.89%	0.023%
166	11.396	11.361	11.435	VV	2287	82745	1.90%	0.049%
167	11.444	11.435	11.452	VV	1825	17437	0.40%	0.010%
168	11.483	11.452	11.501	VV	1824	50730	1.17%	0.030%
169	11.526	11.501	11.555	VV	3838	85405	1.96%	0.051%
170	11.593	11.555	11.641	VV	15557	275112	6.32%	0.164%
171	11.683	11.641	11.716	VV	8860	196517	4.52%	0.117%
172	11.747	11.716	11.771	VV	2434	73191	1.68%	0.044%
173	11.798	11.771	11.815	VV	2392	58970	1.36%	0.035%
174	11.890	11.815	11.933	VV	4610	228872	5.26%	0.137%
175	11.989	11.933	12.016	VV	5494	195943	4.50%	0.117%
176	12.033	12.016	12.062	VV	3953	98408	2.26%	0.059%
177	12.094	12.062	12.115	VV	6609	147467	3.39%	0.088%
178	12.154	12.115	12.175	VV	4199	135238	3.11%	0.081%
179	12.211	12.175	12.223	VV	5496	128962	2.96%	0.077%
180	12.266	12.223	12.298	VV	23263	477257	10.97%	0.285%
181	12.313	12.298	12.329	VV	4598	80557	1.85%	0.048%
182	12.371	12.329	12.440	VV	5784	318825	7.33%	0.191%
183	12.488	12.440	12.508	VV	6160	206498	4.75%	0.123%
184	12.539	12.508	12.561	VV	6553	187963	4.32%	0.112%
185	12.574	12.561	12.593	VV	5871	107028	2.46%	0.064%
186	12.605	12.593	12.612	VV	5276	57034	1.31%	0.034%
187	12.680	12.612	12.711	VV	9113	403488	9.27%	0.241%
188	12.730	12.711	12.745	VV	6397	121884	2.80%	0.073%
189	12.767	12.745	12.808	VV	9390	249690	5.74%	0.149%
190	12.844	12.808	12.864	VV	8941	241249	5.54%	0.144%
191	12.875	12.864	12.883	VV	7057	78448	1.80%	0.047%
192	12.909	12.883	12.991	VV	31815	738872	16.98%	0.442%
193	13.021	12.991	13.043	VV	10568	251367	5.78%	0.150%
194	13.056	13.043	13.094	VV	7509	203031	4.67%	0.121%

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195	13.124	13.094	13.139	VV	6155	160012	3.68%	0.096%
196	13.167	13.139	13.181	VV	8032	176197	4.05%	0.105%
197	13.196	13.181	13.220	VV	7562	165229	3.80%	0.099%
198	13.237	13.220	13.251	VV	7038	127988	2.94%	0.077%
199	13.273	13.251	13.285	VV	7997	147793	3.40%	0.088%
200	13.305	13.285	13.319	VV	9608	175117	4.02%	0.105%
201	13.357	13.319	13.389	VV	347106	4350768	100.00%	2.601%
202	13.408	13.389	13.438	VV	11893	288589	6.63%	0.172%
203	13.456	13.438	13.477	VV	9430	203541	4.68%	0.122%
204	13.523	13.477	13.547	VV	36343	680633	15.64%	0.407%
205	13.563	13.547	13.585	VV	13053	243619	5.60%	0.146%
206	13.600	13.585	13.620	VV	9262	186705	4.29%	0.112%
207	13.631	13.620	13.645	VV	8364	121115	2.78%	0.072%
208	13.689	13.645	13.713	VV	10935	367461	8.45%	0.220%
209	13.752	13.713	13.772	VV	12288	355827	8.18%	0.213%
210	13.795	13.772	13.815	VV	11645	276505	6.36%	0.165%
211	13.834	13.815	13.851	VV	11606	234619	5.39%	0.140%
212	13.878	13.851	13.887	VV	10296	212473	4.88%	0.127%
213	13.907	13.887	13.926	VV	11752	249715	5.74%	0.149%
214	13.948	13.926	13.998	VV	13925	486117	11.17%	0.291%
215	14.022	13.998	14.045	VV	11537	300090	6.90%	0.179%
216	14.059	14.045	14.081	VV	11415	228783	5.26%	0.137%
217	14.112	14.081	14.147	VV	47064	916384	21.06%	0.548%
218	14.164	14.147	14.184	VV	14730	286892	6.59%	0.171%
219	14.198	14.184	14.221	VV	11578	246884	5.67%	0.148%
220	14.261	14.221	14.298	VV	12417	511824	11.76%	0.306%
221	14.335	14.298	14.366	VV	16388	560176	12.88%	0.335%
222	14.383	14.366	14.400	VV	13645	265592	6.10%	0.159%
223	14.416	14.400	14.456	VV	13178	427215	9.82%	0.255%
224	14.474	14.456	14.484	VV	14191	217083	4.99%	0.130%
225	14.499	14.484	14.511	VV	14634	227052	5.22%	0.136%
226	14.528	14.511	14.543	VV	15851	285113	6.55%	0.170%
227	14.561	14.543	14.598	VV	15781	459622	10.56%	0.275%
228	14.623	14.598	14.651	VV	20377	497546	11.44%	0.297%
229	14.677	14.651	14.713	VV	40283	817331	18.79%	0.489%
230	14.741	14.713	14.760	VV	19081	442765	10.18%	0.265%
231	14.771	14.760	14.782	VV	15059	197881	4.55%	0.118%
232	14.801	14.782	14.852	VV	15905	597093	13.72%	0.357%
233	14.887	14.852	14.899	VV	14600	385505	8.86%	0.230%
234	14.933	14.899	14.985	VV	21150	821918	18.89%	0.491%
235	14.997	14.985	15.012	VV	14548	227670	5.23%	0.136%
236	15.029	15.012	15.051	VV	16150	348830	8.02%	0.209%
237	15.070	15.051	15.087	VV	16295	325036	7.47%	0.194%
238	15.104	15.087	15.116	VV	16755	280316	6.44%	0.168%
239	15.133	15.116	15.188	VV	17019	669676	15.39%	0.400%
240	15.219	15.188	15.261	VV	41999	1015718	23.35%	0.607%
241	15.276	15.261	15.316	VV	15598	501465	11.53%	0.300%
242	15.352	15.316	15.391	VV	17140	696809	16.02%	0.417%
243	15.421	15.391	15.451	VV	18313	592852	13.63%	0.354%
244	15.472	15.451	15.489	VV	16328	360590	8.29%	0.216%
245	15.499	15.489	15.505	VV	16284	159697	3.67%	0.095%
246	15.547	15.505	15.585	VV	19612	855722	19.67%	0.511%

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247	15.602	15.585	15.623	VV	18515	388962	8.94%	0.232%
248	15.652	15.623	15.711	VV	19734	912783	20.98%	0.546%
249	15.741	15.711	15.809	VV	42481	1400049	32.18%	0.837%
250	15.833	15.809	15.861	VV	18463	557986	12.82%	0.334%
251	15.876	15.861	15.899	VV	19774	409414	9.41%	0.245%
252	15.929	15.899	15.941	VV	19793	477922	10.98%	0.286%
253	15.965	15.941	15.984	VV	20934	514130	11.82%	0.307%
254	16.004	15.984	16.024	VV	21766	472654	10.86%	0.283%
255	16.063	16.024	16.085	VV	22794	768110	17.65%	0.459%
256	16.109	16.085	16.148	VV	21109	784099	18.02%	0.469%
257	16.166	16.148	16.174	VV	20434	310436	7.14%	0.186%
258	16.245	16.174	16.327	VV	45763	2294672	52.74%	1.372%
259	16.339	16.327	16.354	VV	22308	346385	7.96%	0.207%
260	16.372	16.354	16.395	VV	23589	539096	12.39%	0.322%
261	16.433	16.395	16.487	VV	30747	1425385	32.76%	0.852%
262	16.558	16.487	16.578	VV	27746	1429152	32.85%	0.854%
263	16.606	16.578	16.658	VV	31300	1329845	30.57%	0.795%
264	16.689	16.658	16.703	VV	29804	749559	17.23%	0.448%
265	16.729	16.703	16.755	VV	49621	1125532	25.87%	0.673%
266	16.766	16.755	16.770	VV	27248	257693	5.92%	0.154%
267	16.785	16.770	16.801	VV	28607	505490	11.62%	0.302%
268	16.827	16.801	16.839	VV	35891	739219	16.99%	0.442%
269	16.847	16.839	16.865	VV	34296	525687	12.08%	0.314%
270	16.877	16.865	16.905	VV	35868	831953	19.12%	0.497%
271	16.933	16.905	16.979	VV	37323	1497070	34.41%	0.895%
272	16.999	16.979	17.015	VV	35677	726708	16.70%	0.434%
273	17.039	17.015	17.058	VV	38907	951793	21.88%	0.569%
274	17.067	17.058	17.096	VV	38471	823662	18.93%	0.492%
275	17.111	17.096	17.138	VV	34233	847589	19.48%	0.507%
276	17.196	17.138	17.242	VV	57421	2774609	63.77%	1.658%
277	17.250	17.242	17.272	VV	41428	719792	16.54%	0.430%
278	17.294	17.272	17.321	VV	42992	1187594	27.30%	0.710%
279	17.331	17.321	17.341	VV	39911	480896	11.05%	0.287%
280	17.368	17.341	17.379	VV	44976	961079	22.09%	0.574%
281	17.434	17.379	17.464	VV	50408	2319068	53.30%	1.386%
282	17.525	17.464	17.556	VV	100651	3383483	77.77%	2.022%
283	17.613	17.556	17.633	VV	62058	2234287	51.35%	1.335%
284	17.652	17.633	17.662	VV	57495	911512	20.95%	0.545%
285	17.677	17.662	17.703	VV	59642	1310727	30.13%	0.783%
286	17.720	17.703	17.736	VV	47528	895011	20.57%	0.535%
287	17.762	17.736	17.799	VV	62850	1917439	44.07%	1.146%
288	17.814	17.799	17.829	VV	44065	759275	17.45%	0.454%
289	17.853	17.829	17.888	VV	51797	1601818	36.82%	0.957%
290	17.891	17.888	17.899	VV	40663	271310	6.24%	0.162%
291	17.934	17.899	17.961	VV	49363	1673165	38.46%	1.000%
292	17.986	17.961	18.003	VV	49693	1179816	27.12%	0.705%
293	18.028	18.003	18.051	VV	64035	1564926	35.97%	0.935%
294	18.085	18.051	18.108	VV	67200	1873898	43.07%	1.120%
295	18.134	18.108	18.165	VV	86333	2022864	46.49%	1.209%
296	18.182	18.165	18.190	VV	45494	684789	15.74%	0.409%
297	18.235	18.190	18.311	VV	64411	3769715	86.64%	2.253%
298	18.328	18.311	18.353	VV	41206	1004909	23.10%	0.601%
299	18.377	18.353	18.386	VV	40717	808241	18.58%	0.483%

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300	18.432	18.386	18.483	VV	50138	2591801	59.57%	1.549%
301	18.510	18.483	18.531	VV	51604	1263793	29.05%	0.755%
302	18.601	18.531	18.668	VV	73005	4038666	92.83%	2.414%
303	18.681	18.668	18.698	VV	36113	623594	14.33%	0.373%
304	18.723	18.698	18.730	VV	36497	683347	15.71%	0.408%
305	18.756	18.730	18.851	VV	42408	2631282	60.48%	1.573%
306	18.920	18.851	18.958	VV	47774	2395602	55.06%	1.432%
307	18.973	18.958	19.008	VV	36647	1027856	23.62%	0.614%
308	19.024	19.008	19.048	VV	38418	870792	20.01%	0.520%
309	19.071	19.048	19.095	VV	38755	1045426	24.03%	0.625%
310	19.105	19.095	19.151	VV	38374	1186102	27.26%	0.709%
311	19.169	19.151	19.191	VV	34244	786379	18.07%	0.470%
312	19.206	19.191	19.251	VV	34921	1156772	26.59%	0.691%
313	19.320	19.251	19.341	VV	43943	1944157	44.69%	1.162%
314	19.352	19.341	19.381	VV	36741	826399	18.99%	0.494%
315	19.424	19.381	19.466	VV	35418	1638149	37.65%	0.979%
316	19.516	19.466	19.593	VV	33975	2450538	56.32%	1.465%
317	19.625	19.593	19.671	VV	32783	1455035	33.44%	0.870%
318	19.711	19.671	19.794	VV	44898	2668552	61.34%	1.595%
319	19.828	19.794	19.864	VV	37925	1389470	31.94%	0.831%
320	19.900	19.864	19.923	VV	32698	1119102	25.72%	0.669%
321	19.932	19.923	19.954	VV	32209	599915	13.79%	0.359%
322	19.987	19.954	20.034	VV	34904	1574379	36.19%	0.941%
323	20.082	20.034	20.107	VV	42387	1616678	37.16%	0.966%
324	20.132	20.107	20.181	VV	39928	1583955	36.41%	0.947%
325	20.243	20.181	20.283	VV	37518	2116039	48.64%	1.265%
326	20.319	20.283	20.328	VV	35564	939477	21.59%	0.562%
327	20.335	20.328	20.341	VV	35360	267604	6.15%	0.160%
328	20.353	20.341	20.371	VV	36222	636019	14.62%	0.380%
329	20.398	20.371	20.423	VV	38502	1141047	26.23%	0.682%
330	20.449	20.423	20.485	VV	43454	1458793	33.53%	0.872%
331	20.517	20.485	20.547	VV	41532	1466733	33.71%	0.877%
332	20.560	20.547	20.580	VV	37411	724867	16.66%	0.433%
333	20.656	20.580	20.763	VV	45169	4326830	99.45%	2.586%
334	20.808	20.763	20.873	VV	44734	2508175	57.65%	1.499%
335	20.933	20.873	20.993	VV	48424	2824933	64.93%	1.689%
336	21.040	20.993	21.124	VV	36707	2667563	61.31%	1.594%
337	21.152	21.124	21.161	VV	32093	696922	16.02%	0.417%
338	21.189	21.161	21.240	VV	36380	1527358	35.11%	0.913%
339	21.263	21.240	21.272	VV	29197	554999	12.76%	0.332%
340	21.277	21.272	21.313	VV	29125	687337	15.80%	0.411%
341	21.351	21.313	21.392	VV	27865	1289663	29.64%	0.771%
342	21.405	21.392	21.455	VV	26939	976630	22.45%	0.584%
343	21.459	21.455	21.498	VV	25576	654506	15.04%	0.391%
344	21.509	21.498	21.574	VV	24618	1065423	24.49%	0.637%
345	21.625	21.574	21.690	VV	25628	1591738	36.59%	0.951%
346	21.703	21.690	21.708	VV	20610	219036	5.03%	0.131%
347	21.747	21.708	21.813	VV	21351	1270101	29.19%	0.759%
348	21.826	21.813	21.959	VV	18988	1570282	36.09%	0.939%
349	21.966	21.959	21.988	VV	16649	281321	6.47%	0.168%
350	22.005	21.988	22.068	VV	16619	773067	17.77%	0.462%
351	22.112	22.068	22.185	VV	19069	1144851	26.31%	0.684%

352	22.194	22.185	22.201	VBA	14233	182562	4.20%	0.109%	
					Sum of corrected areas:		167299979		

Aliphatic EPH 030325.M Tue Mar 11 08:31:56 2025

A
B
C
D
E
F
G
H
I
J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015641.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 22:39
 Operator : YP\AJ
 Sample : Q1514-01
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 ENV-105-SB01

Integration File: autoint1.e
 Quant Time: Mar 11 03:27:02 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	6276281	53.913 ug/ml
Spiked Amount 50.000		Recovery =	107.83%
6) S 2-Fluorobiphenyl (SURR)	8.874	3631679	50.984 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.97%
11) S ortho-Terphenyl (SURR)	11.933	4512420	30.675 ug/ml
Spiked Amount 50.000		Recovery =	61.35%

Target Compounds

(f)=RT Delta > 1/2 Window

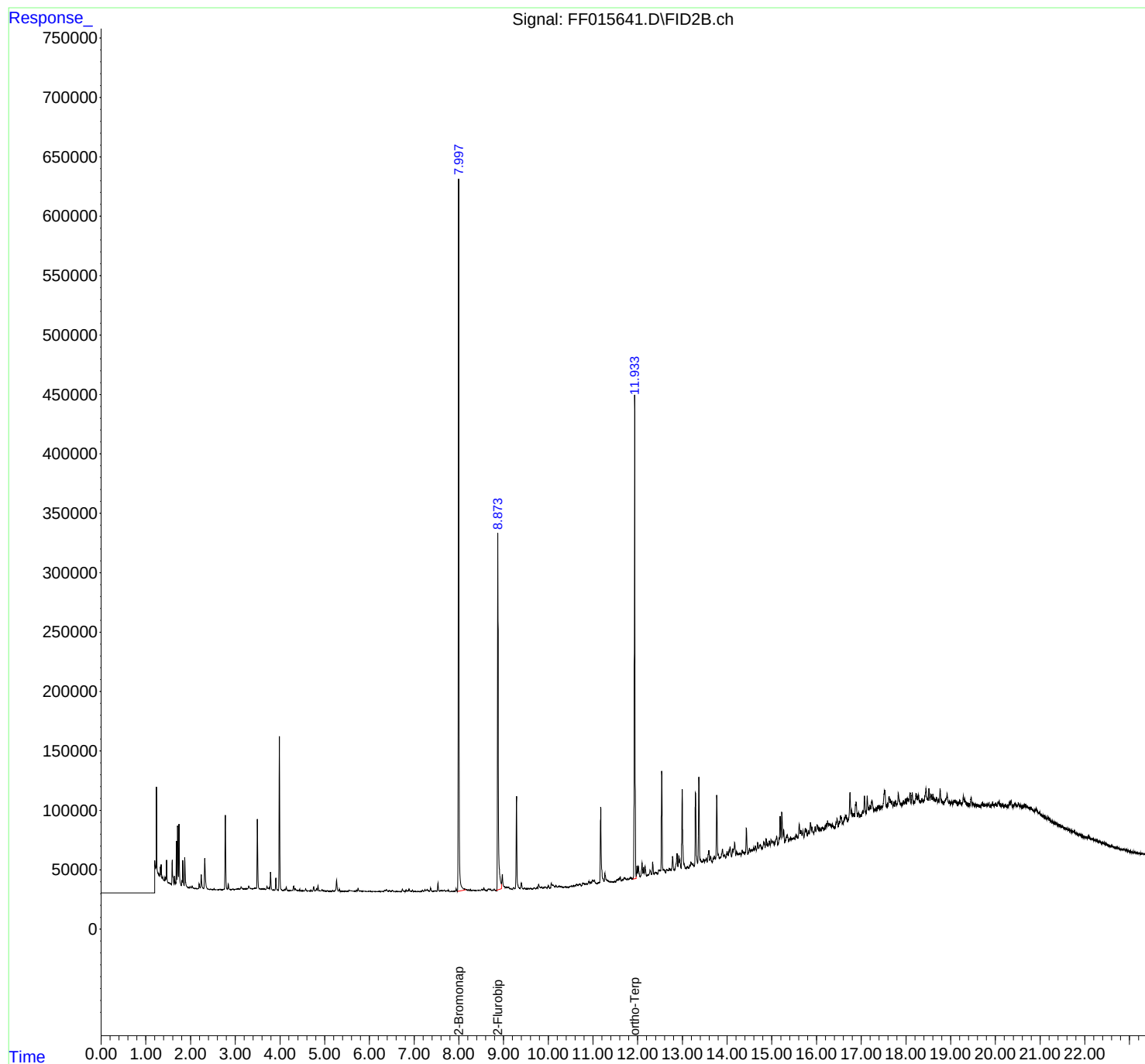
(m)=manual int.

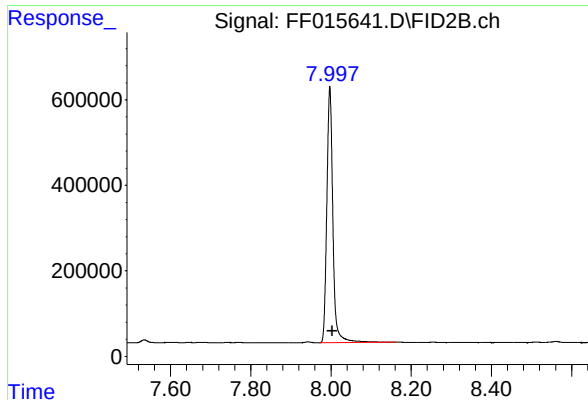
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
Data File : FF015641.D
Signal(s) : FID2B.ch
Acq On : 10 Mar 2025 22:39
Operator : YP\AJ
Sample : Q1514-01
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
ENV-105-SB01

Integration File: autoint1.e
Quant Time: Mar 11 03:27:02 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

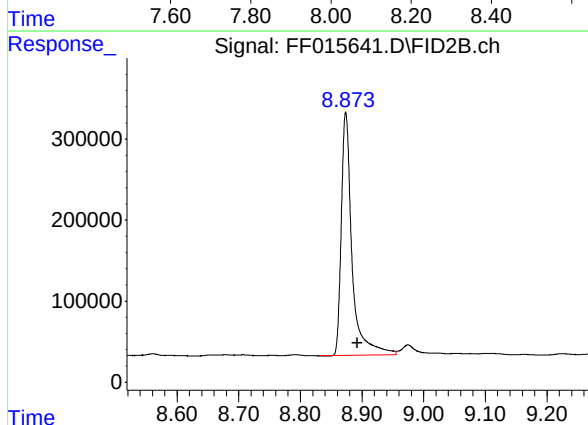




#4 2-Bromonaphthalene (SURR)

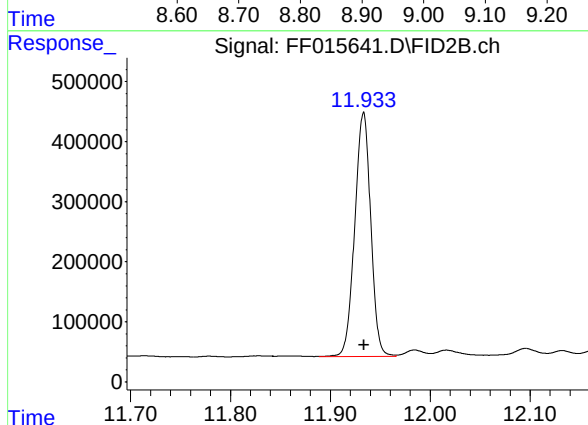
R.T.: 7.997 min
Delta R.T.: -0.006 min
Response: 6276281
Conc: 53.91 ug/ml

Instrument :
FID_F
ClientSampleId :
ENV-105-SB01



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.874 min
Delta R.T.: -0.018 min
Response: 3631679
Conc: 50.98 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: 0.000 min
Response: 4512420
Conc: 30.68 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015641.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 22:39
 Sample : Q1514-01
 Misc :
 ALS Vial : 83 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	4.440	4.400	4.482	BV	822	7639	0.12%	0.005%
2	4.498	4.482	4.537	PV	143	3177	0.05%	0.002%
3	4.573	4.548	4.640	PV	1532	25702	0.40%	0.016%
4	4.650	4.640	4.671	VV	182	1547	0.02%	0.001%
5	4.695	4.671	4.724	VV	710	9544	0.15%	0.006%
6	4.755	4.724	4.779	PV	3794	50806	0.80%	0.031%
7	4.788	4.779	4.800	VV	488	5372	0.08%	0.003%
8	4.818	4.800	4.833	VV	2368	27413	0.43%	0.017%
9	4.851	4.833	4.907	VV	4540	59413	0.93%	0.037%
10	4.912	4.907	4.918	VV	293	1619	0.03%	0.001%
11	4.941	4.923	4.967	VV	1522	22159	0.35%	0.014%
12	4.977	4.967	5.026	VV	704	11875	0.19%	0.007%
13	5.037	5.026	5.042	VV	208	1637	0.03%	0.001%
14	5.062	5.042	5.107	VV	555	9012	0.14%	0.006%
15	5.152	5.118	5.159	VV	130	1944	0.03%	0.001%
16	5.180	5.159	5.218	VV	593	10277	0.16%	0.006%
17	5.266	5.218	5.307	VV	9456	142749	2.24%	0.088%
18	5.330	5.307	5.372	VV	1987	27204	0.43%	0.017%
19	5.392	5.372	5.434	VV	235	4714	0.07%	0.003%
20	5.446	5.434	5.458	PV	146	1684	0.03%	0.001%
21	5.477	5.458	5.501	VV	515	6812	0.11%	0.004%
22	5.548	5.501	5.637	VV	1001	41090	0.64%	0.025%
23	5.639	5.637	5.648	VV	344	1989	0.03%	0.001%
24	5.666	5.648	5.691	VV	442	8313	0.13%	0.005%
25	5.710	5.691	5.730	VV	909	13912	0.22%	0.009%
26	5.748	5.730	5.780	VV	2918	38794	0.61%	0.024%
27	5.785	5.780	5.791	VV	449	2561	0.04%	0.002%
28	5.808	5.791	5.836	VV	789	12987	0.20%	0.008%
29	5.843	5.836	5.864	VV	237	3745	0.06%	0.002%
30	5.897	5.864	5.933	VV	418	12646	0.20%	0.008%
31	5.939	5.933	5.957	VV	232	2177	0.03%	0.001%
32	5.977	5.957	5.996	VV	287	4788	0.08%	0.003%
33	6.014	5.996	6.049	VV	491	9043	0.14%	0.006%
34	6.077	6.049	6.099	VV	300	6265	0.10%	0.004%
35	6.105	6.099	6.111	VV	204	1179	0.02%	0.001%
36	6.118	6.111	6.125	VV	146	1112	0.02%	0.001%

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37	6.130	6.125	6.160	VV	137	1689	0.03%	0.001%
38	6.225	6.199	6.232	PV	239	2803	0.04%	0.002%
39	6.261	6.248	6.266	VV	231	1933	0.03%	0.001%
40	6.290	6.273	6.314	VV	417	6683	0.10%	0.004%
41	6.341	6.314	6.365	VV	1252	23572	0.37%	0.014%
42	6.382	6.365	6.428	VV	1970	37537	0.59%	0.023%
43	6.443	6.428	6.482	VV	783	16713	0.26%	0.010%
44	6.518	6.482	6.599	VV	1004	28151	0.44%	0.017%
45	6.632	6.612	6.639	VV	250	2872	0.05%	0.002%
46	6.643	6.639	6.665	VV	306	3619	0.06%	0.002%
47	6.672	6.665	6.685	VV	218	2159	0.03%	0.001%
48	6.691	6.685	6.713	VV	233	2627	0.04%	0.002%
49	6.739	6.713	6.765	VV	2272	31745	0.50%	0.020%
50	6.775	6.765	6.799	VV	470	7161	0.11%	0.004%
51	6.818	6.799	6.841	VV	1556	18583	0.29%	0.011%
52	6.858	6.841	6.870	VV	814	9555	0.15%	0.006%
53	6.888	6.870	6.911	VV	2409	31188	0.49%	0.019%
54	6.921	6.911	6.945	VV	706	8167	0.13%	0.005%
55	6.963	6.945	6.989	VV	1386	15805	0.25%	0.010%
56	7.008	6.998	7.037	VV	243	2957	0.05%	0.002%
57	7.053	7.037	7.062	VV	177	2004	0.03%	0.001%
58	7.066	7.062	7.091	VV	248	2340	0.04%	0.001%
59	7.119	7.091	7.165	PV	204	6051	0.09%	0.004%
60	7.188	7.165	7.217	VV	1471	18623	0.29%	0.011%
61	7.242	7.217	7.259	VV	1551	23318	0.37%	0.014%
62	7.290	7.259	7.303	VV	1825	31670	0.50%	0.019%
63	7.310	7.303	7.340	VV	1218	16673	0.26%	0.010%
64	7.372	7.340	7.430	VV	3033	48139	0.75%	0.030%
65	7.459	7.430	7.465	VV	601	9197	0.14%	0.006%
66	7.474	7.465	7.507	VV	777	11581	0.18%	0.007%
67	7.535	7.507	7.575	VV	7117	89080	1.40%	0.055%
68	7.600	7.575	7.630	VV	960	23652	0.37%	0.015%
69	7.645	7.630	7.658	VV	978	11715	0.18%	0.007%
70	7.681	7.658	7.705	VV	1252	21814	0.34%	0.013%
71	7.741	7.705	7.756	VV	899	16352	0.26%	0.010%
72	7.771	7.756	7.800	VV	1194	13595	0.21%	0.008%
73	7.840	7.816	7.856	VV	168	2436	0.04%	0.001%
74	7.893	7.875	7.903	PV	175	1783	0.03%	0.001%
75	7.942	7.903	7.970	VV	2201	28664	0.45%	0.018%
76	7.997	7.970	8.194	VV	599283	6377481	100.00%	3.919%
77	8.209	8.194	8.235	VV	1075	21082	0.33%	0.013%
78	8.254	8.235	8.288	VV	1608	26301	0.41%	0.016%
79	8.292	8.288	8.297	VV	413	2134	0.03%	0.001%
80	8.316	8.297	8.327	VV	851	12114	0.19%	0.007%
81	8.344	8.327	8.368	VV	821	14815	0.23%	0.009%
82	8.380	8.368	8.402	VV	448	7767	0.12%	0.005%
83	8.434	8.402	8.440	VV	632	11659	0.18%	0.007%
84	8.448	8.440	8.458	VV	697	5992	0.09%	0.004%
85	8.465	8.458	8.492	VV	608	8919	0.14%	0.005%
86	8.511	8.492	8.532	VV	1566	23365	0.37%	0.014%
87	8.561	8.532	8.581	VV	2824	45616	0.72%	0.028%
88	8.589	8.581	8.633	VV	805	14195	0.22%	0.009%
89	8.657	8.633	8.666	VV	1324	17422	0.27%	0.011%

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90	8.679	8.666	8.693	VV	1484	20843	0.33%	0.013%
91	8.707	8.693	8.737	VV	1473	25347	0.40%	0.016%
92	8.756	8.737	8.772	VV	836	11425	0.18%	0.007%
93	8.792	8.772	8.849	VV	1571	26232	0.41%	0.016%
94	8.874	8.849	8.956	PV	300646	3697292	57.97%	2.272%
95	8.975	8.956	9.019	VV	13469	256958	4.03%	0.158%
96	9.022	9.019	9.039	VV	3387	36670	0.57%	0.023%
97	9.054	9.039	9.067	VV	2886	44127	0.69%	0.027%
98	9.075	9.067	9.088	VV	2603	30705	0.48%	0.019%
99	9.104	9.088	9.152	VV	2825	78126	1.23%	0.048%
100	9.164	9.152	9.194	VV	1444	26468	0.42%	0.016%
101	9.226	9.194	9.250	VV	2184	48545	0.76%	0.030%
102	9.292	9.250	9.369	VV	78789	954481	14.97%	0.587%
103	9.401	9.369	9.435	VV	6090	108394	1.70%	0.067%
104	9.446	9.435	9.458	VV	1179	14907	0.23%	0.009%
105	9.475	9.458	9.504	VV	1709	28145	0.44%	0.017%
106	9.523	9.504	9.538	VV	916	12065	0.19%	0.007%
107	9.556	9.538	9.584	VV	1175	22456	0.35%	0.014%
108	9.603	9.584	9.652	VV	1230	26168	0.41%	0.016%
109	9.692	9.652	9.717	PV	1525	34796	0.55%	0.021%
110	9.751	9.717	9.768	VV	1838	29932	0.47%	0.018%
111	9.786	9.768	9.837	VV	4049	84954	1.33%	0.052%
112	9.854	9.837	9.878	VV	1908	30463	0.48%	0.019%
113	9.898	9.878	9.912	VV	1325	19190	0.30%	0.012%
114	9.933	9.912	9.972	VV	1856	45547	0.71%	0.028%
115	10.005	9.972	10.039	VV	2727	51992	0.82%	0.032%
116	10.069	10.039	10.097	VV	4550	84776	1.33%	0.052%
117	10.109	10.097	10.151	VV	2881	67035	1.05%	0.041%
118	10.171	10.151	10.208	VV	2446	52842	0.83%	0.032%
119	10.239	10.208	10.265	VV	1799	44784	0.70%	0.028%
120	10.284	10.265	10.326	VV	1309	34736	0.54%	0.021%
121	10.349	10.326	10.361	VV	758	11233	0.18%	0.007%
122	10.377	10.361	10.410	VV	641	15968	0.25%	0.010%
123	10.414	10.410	10.435	VV	583	6098	0.10%	0.004%
124	10.445	10.435	10.460	VV	472	4001	0.06%	0.002%
125	10.489	10.460	10.501	PV	1126	17170	0.27%	0.011%
126	10.516	10.501	10.536	VV	1293	19949	0.31%	0.012%
127	10.561	10.536	10.578	VV	1578	27738	0.43%	0.017%
128	10.597	10.578	10.610	VV	1486	23593	0.37%	0.014%
129	10.645	10.610	10.665	VV	2430	61132	0.96%	0.038%
130	10.709	10.665	10.742	VV	2534	77820	1.22%	0.048%
131	10.772	10.742	10.790	VV	3198	60353	0.95%	0.037%
132	10.801	10.790	10.820	VV	2641	39824	0.62%	0.024%
133	10.842	10.820	10.869	VV	2543	59933	0.94%	0.037%
134	10.909	10.869	10.929	VV	3943	100722	1.58%	0.062%
135	10.946	10.929	10.959	VV	3400	50529	0.79%	0.031%
136	10.997	10.959	11.017	VV	4710	139753	2.19%	0.086%
137	11.035	11.017	11.079	VV	4875	119870	1.88%	0.074%
138	11.109	11.079	11.117	VV	2358	47490	0.74%	0.029%
139	11.131	11.117	11.145	VV	2738	41536	0.65%	0.026%
140	11.174	11.145	11.247	VV	65851	1034910	16.23%	0.636%
141	11.268	11.247	11.405	VV	10091	409028	6.41%	0.251%

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142	11.426	11.405	11.449	VV	2529	62314	0.98%	0.038%
143	11.457	11.449	11.469	VV	2335	27379	0.43%	0.017%
144	11.491	11.469	11.510	VV	2899	62944	0.99%	0.039%
145	11.542	11.510	11.562	VV	4189	108158	1.70%	0.066%
146	11.580	11.562	11.595	VV	5000	86060	1.35%	0.053%
147	11.610	11.595	11.634	VV	6291	104310	1.64%	0.064%
148	11.666	11.634	11.682	VV	3939	99934	1.57%	0.061%
149	11.714	11.682	11.740	VV	5432	159979	2.51%	0.098%
150	11.749	11.740	11.765	VV	4004	55020	0.86%	0.034%
151	11.779	11.765	11.797	VV	4609	75102	1.18%	0.046%
152	11.828	11.797	11.845	VV	5063	123567	1.94%	0.076%
153	11.862	11.845	11.883	VV	4734	98976	1.55%	0.061%
154	11.933	11.883	11.966	VV	411895	4703431	73.75%	2.890%
155	11.984	11.966	12.001	VV	14462	217682	3.41%	0.134%
156	12.017	12.001	12.058	VV	14159	317322	4.98%	0.195%
157	12.096	12.058	12.117	VV	16877	355118	5.57%	0.218%
158	12.132	12.117	12.148	VV	13153	197665	3.10%	0.121%
159	12.165	12.148	12.210	VV	13730	329786	5.17%	0.203%
160	12.279	12.210	12.309	VV	10265	439524	6.89%	0.270%
161	12.335	12.309	12.364	VV	16665	336631	5.28%	0.207%
162	12.389	12.364	12.400	VV	7989	161495	2.53%	0.099%
163	12.415	12.400	12.449	VV	7898	217460	3.41%	0.134%
164	12.489	12.449	12.514	VV	10002	355821	5.58%	0.219%
165	12.537	12.514	12.577	VV	92933	1330303	20.86%	0.817%
166	12.586	12.577	12.624	VV	9973	251077	3.94%	0.154%
167	12.651	12.624	12.691	VV	9648	369133	5.79%	0.227%
168	12.709	12.691	12.745	VV	10668	312575	4.90%	0.192%
169	12.780	12.745	12.825	VV	20660	592518	9.29%	0.364%
170	12.879	12.825	12.899	VV	22812	642316	10.07%	0.395%
171	12.919	12.899	12.935	VV	20602	367380	5.76%	0.226%
172	12.942	12.935	12.972	VV	16784	293676	4.60%	0.180%
173	12.994	12.972	13.072	VV	76387	1545369	24.23%	0.950%
174	13.110	13.072	13.141	VV	11085	426411	6.69%	0.262%
175	13.164	13.141	13.175	VV	12427	228364	3.58%	0.140%
176	13.192	13.175	13.210	VV	14814	286058	4.49%	0.176%
177	13.219	13.210	13.265	VV	13479	409919	6.43%	0.252%
178	13.293	13.265	13.340	VV	72786	1322681	20.74%	0.813%
179	13.367	13.340	13.437	VV	85984	1729470	27.12%	1.063%
180	13.474	13.437	13.497	VV	16358	551732	8.65%	0.339%
181	13.532	13.497	13.553	VV	17472	524519	8.22%	0.322%
182	13.590	13.553	13.614	VV	23458	694793	10.89%	0.427%
183	13.630	13.614	13.668	VV	18739	523641	8.21%	0.322%
184	13.689	13.668	13.700	VV	16567	297221	4.66%	0.183%
185	13.717	13.700	13.739	VV	18518	401465	6.30%	0.247%
186	13.767	13.739	13.829	VV	69791	1575399	24.70%	0.968%
187	13.850	13.829	13.860	VV	17448	322414	5.06%	0.198%
188	13.894	13.860	13.935	VV	23873	898149	14.08%	0.552%
189	13.949	13.935	13.970	VV	18762	380140	5.96%	0.234%
190	14.000	13.970	14.027	VV	21522	655412	10.28%	0.403%
191	14.064	14.027	14.100	VV	25602	931010	14.60%	0.572%
192	14.121	14.100	14.132	VV	23848	404834	6.35%	0.249%
193	14.168	14.132	14.194	VV	29079	873527	13.70%	0.537%
194	14.210	14.194	14.249	VV	21734	650094	10.19%	0.399%

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195	14.259	14.249	14.274	VV	19169	282315	4.43%	0.173%
196	14.290	14.274	14.310	VV	19655	419028	6.57%	0.257%
197	14.336	14.310	14.359	VV	21925	583835	9.15%	0.359%
198	14.372	14.359	14.391	VV	20394	381182	5.98%	0.234%
199	14.430	14.391	14.462	VV	40269	1075046	16.86%	0.661%
200	14.499	14.462	14.520	VV	23188	732922	11.49%	0.450%
201	14.559	14.520	14.573	VV	22232	673385	10.56%	0.414%
202	14.590	14.573	14.611	VV	23464	505358	7.92%	0.311%
203	14.631	14.611	14.655	VV	24972	615301	9.65%	0.378%
204	14.684	14.655	14.709	VV	27701	776142	12.17%	0.477%
205	14.740	14.709	14.790	VV	25297	1168316	18.32%	0.718%
206	14.829	14.790	14.850	VV	27684	906555	14.21%	0.557%
207	14.871	14.850	14.892	VV	30513	686654	10.77%	0.422%
208	14.903	14.892	14.917	VV	26360	380456	5.97%	0.234%
209	14.945	14.917	14.962	VV	28253	728345	11.42%	0.448%
210	14.983	14.962	15.003	VV	29419	665620	10.44%	0.409%
211	15.022	15.003	15.053	VV	27966	809274	12.69%	0.497%
212	15.109	15.053	15.140	VV	31878	1459632	22.89%	0.897%
213	15.184	15.140	15.205	VV	48509	1315981	20.63%	0.809%
214	15.223	15.205	15.248	VV	51563	1042623	16.35%	0.641%
215	15.264	15.248	15.289	VV	36970	784307	12.30%	0.482%
216	15.344	15.289	15.377	VV	32628	1562845	24.51%	0.960%
217	15.410	15.377	15.445	VV	29531	1175775	18.44%	0.722%
218	15.485	15.445	15.519	VV	29635	1275794	20.00%	0.784%
219	15.540	15.519	15.578	VV	31514	1088681	17.07%	0.669%
220	15.612	15.578	15.635	VV	40780	1189934	18.66%	0.731%
221	15.652	15.635	15.674	VV	35608	785226	12.31%	0.483%
222	15.694	15.674	15.718	VV	35357	857254	13.44%	0.527%
223	15.745	15.718	15.756	VV	37010	765990	12.01%	0.471%
224	15.767	15.756	15.796	VV	36147	829642	13.01%	0.510%
225	15.816	15.796	15.839	VV	34547	837714	13.14%	0.515%
226	15.864	15.839	15.882	VV	41758	971727	15.24%	0.597%
227	15.897	15.882	15.939	VV	37771	1183739	18.56%	0.727%
228	15.966	15.939	15.984	VV	37889	946610	14.84%	0.582%
229	16.010	15.984	16.057	VV	39436	1624591	25.47%	0.998%
230	16.087	16.057	16.097	VV	36092	840717	13.18%	0.517%
231	16.126	16.097	16.174	VV	36661	1647581	25.83%	1.012%
232	16.220	16.174	16.230	VV	39935	1265352	19.84%	0.778%
233	16.248	16.230	16.269	VV	42116	908903	14.25%	0.559%
234	16.278	16.269	16.304	VV	40072	818404	12.83%	0.503%
235	16.317	16.304	16.341	VV	38676	835006	13.09%	0.513%
236	16.360	16.341	16.405	VV	37913	1437867	22.55%	0.884%
237	16.459	16.405	16.487	VV	43463	1920179	30.11%	1.180%
238	16.539	16.487	16.586	VV	46061	2457610	38.54%	1.510%
239	16.658	16.586	16.697	VV	45801	2834520	44.45%	1.742%
240	16.747	16.697	16.769	VV	64490	2149442	33.70%	1.321%
241	16.780	16.769	16.819	VV	49928	1407776	22.07%	0.865%
242	16.831	16.819	16.848	VV	47119	806397	12.64%	0.496%
243	16.885	16.848	16.914	VV	56328	2014766	31.59%	1.238%
244	16.938	16.914	16.982	VV	46976	1846141	28.95%	1.134%
245	16.992	16.982	17.004	VV	45433	584832	9.17%	0.359%
246	17.032	17.004	17.050	VV	48824	1321379	20.72%	0.812%

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247	17.070	17.050	17.103	VV	61095	1674273	26.25%	1.029%
248	17.133	17.103	17.155	VV	60812	1646433	25.82%	1.012%
249	17.165	17.155	17.179	VV	50849	704243	11.04%	0.433%
250	17.197	17.179	17.212	VV	52769	1018968	15.98%	0.626%
251	17.239	17.212	17.275	VV	57049	2007965	31.49%	1.234%
252	17.342	17.275	17.351	VV	49912	2248083	35.25%	1.381%
253	17.368	17.351	17.389	VV	52449	1136703	17.82%	0.698%
254	17.406	17.389	17.429	VV	51809	1211806	19.00%	0.745%
255	17.445	17.429	17.464	VV	51615	1065647	16.71%	0.655%
256	17.526	17.464	17.557	VV	64724	3190773	50.03%	1.961%
257	17.622	17.557	17.647	VV	58501	2927234	45.90%	1.799%
258	17.660	17.647	17.708	VV	55502	1981339	31.07%	1.218%
259	17.731	17.708	17.749	VV	54400	1276076	20.01%	0.784%
260	17.764	17.749	17.785	VV	54825	1174322	18.41%	0.722%
261	17.830	17.785	17.875	VV	61250	2951088	46.27%	1.813%
262	17.880	17.875	17.904	VV	52902	909344	14.26%	0.559%
263	17.947	17.904	17.969	VV	54954	2061535	32.33%	1.267%
264	17.991	17.969	18.011	VV	56233	1387736	21.76%	0.853%
265	18.028	18.011	18.037	VV	56946	840537	13.18%	0.516%
266	18.052	18.037	18.064	VV	56433	885929	13.89%	0.544%
267	18.091	18.064	18.117	VV	61490	1822859	28.58%	1.120%
268	18.140	18.117	18.168	VV	61188	1711541	26.84%	1.052%
269	18.182	18.168	18.199	VV	54202	995975	15.62%	0.612%
270	18.231	18.199	18.252	VV	60294	1823214	28.59%	1.120%
271	18.280	18.252	18.333	VV	58303	2688120	42.15%	1.652%
272	18.357	18.333	18.378	VV	55144	1454285	22.80%	0.894%
273	18.387	18.378	18.399	VV	54435	668306	10.48%	0.411%
274	18.447	18.399	18.497	VV	63918	3386222	53.10%	2.081%
275	18.513	18.497	18.535	VV	63972	1352351	21.21%	0.831%
276	18.558	18.535	18.584	VV	59155	1639061	25.70%	1.007%
277	18.602	18.584	18.638	VV	58942	1814864	28.46%	1.115%
278	18.646	18.638	18.659	VV	54085	668483	10.48%	0.411%
279	18.681	18.659	18.708	VV	56219	1611984	25.28%	0.991%
280	18.731	18.708	18.743	VV	53448	1088730	17.07%	0.669%
281	18.764	18.743	18.814	VV	63142	2349447	36.84%	1.444%
282	18.823	18.814	18.847	VV	52363	1028865	16.13%	0.632%
283	18.920	18.847	18.954	VV	58851	3426773	53.73%	2.106%

Sum of corrected areas: 162738082

Aromatic EPH 022625.M Tue Mar 11 08:27:22 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031125AL\
Data File : FE052728.D
Signal(s) : FID1B.ch
Acq On : 11 Mar 2025 10:20
Operator : YP\AJ
Sample : Q1514-01DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
ENV-105-SB01DL

Integration File: autoint1.e
Quant Time: Mar 12 02:07:16 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...	13.355	1932296	15.913 ug/ml
Spiked Amount	50.000	Recovery	= 31.83%

Target Compounds

(f)=RT Delta > 1/2 Window

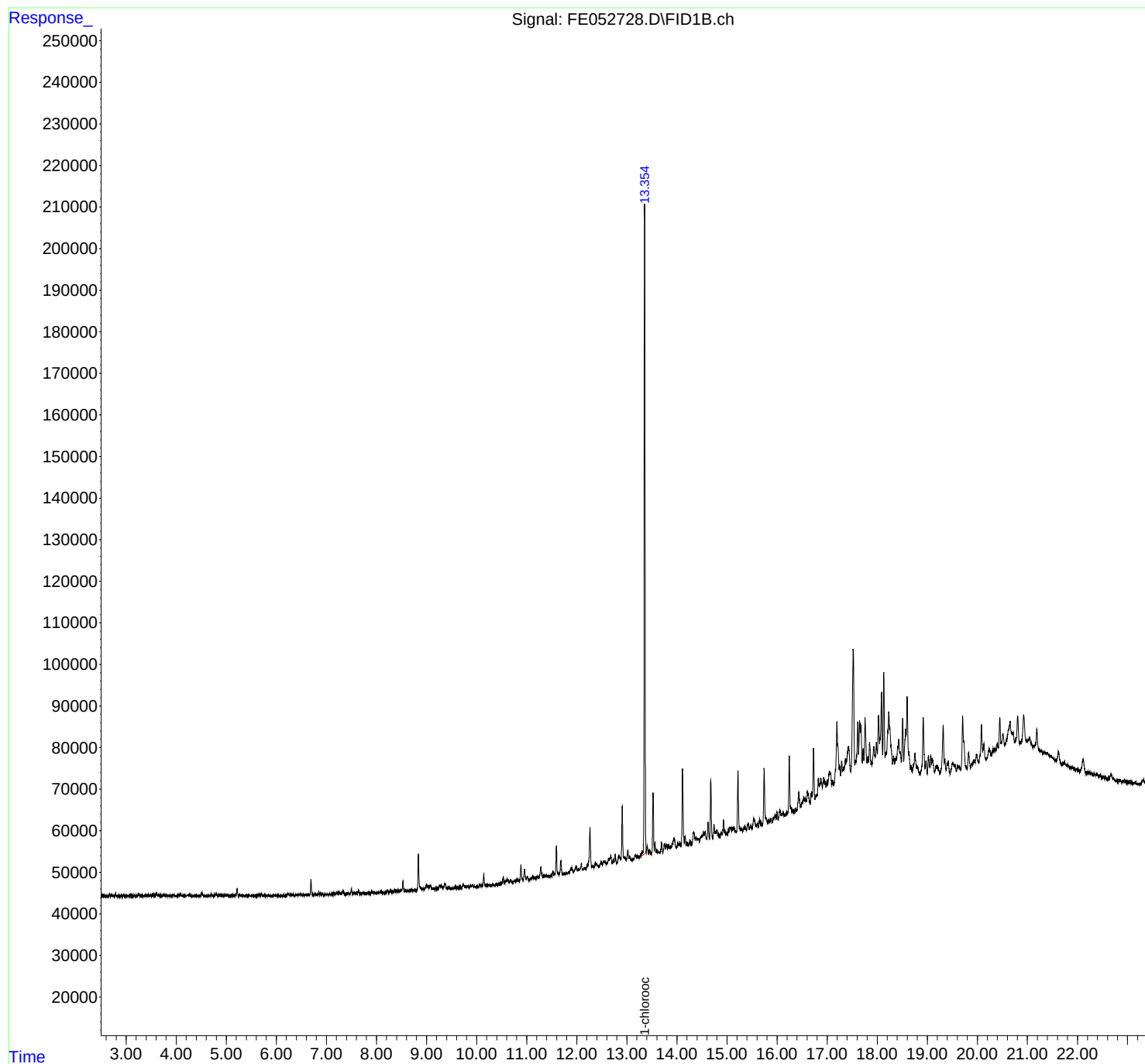
(m)=manual int.

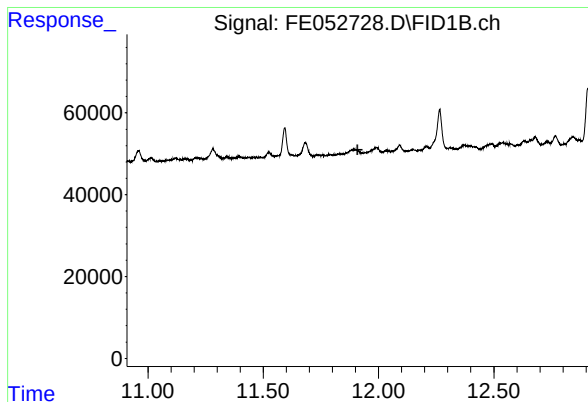
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031125AL\
Data File : FE052728.D
Signal(s) : FID1B.ch
Acq On : 11 Mar 2025 10:20
Operator : YP\AJ
Sample : Q1514-01DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
ENV-105-SB01DL

Integration File: autoint1.e
Quant Time: Mar 12 02:07:16 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

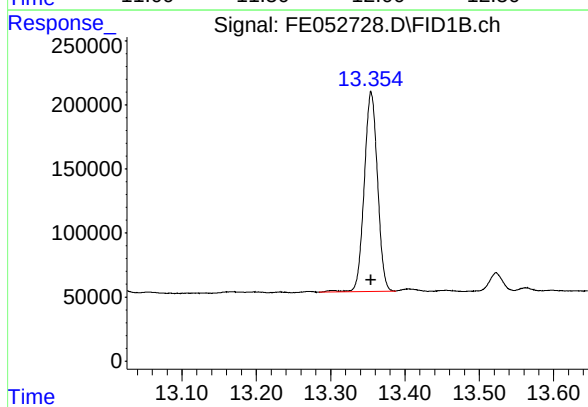




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.909 min
Response: 0
Conc: N.D.

Instrument :
FID_E
ClientSampleId :
ENV-105-SB01DL



#12 1-chlorooctadecane (SURR)

R.T.: 13.355 min
Delta R.T.: 0.000 min
Response: 1932296
Conc: 15.91 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031125AL\
 Data File : FE052728.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2025 10:20
 Sample : Q1514-01DL 2X
 Misc :
 ALS Vial : 11 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	3.252	3.193	3.362	PV	474	3839	0.12%	0.005%
2	3.389	3.362	3.401	PV	21	362	0.01%	0.000%
3	3.446	3.401	3.471	PV	166	2723	0.09%	0.003%
4	3.536	3.471	3.557	VV	99	2548	0.08%	0.003%
5	3.568	3.557	3.580	VV	141	1321	0.04%	0.002%
6	3.606	3.580	3.631	VV	648	8166	0.26%	0.010%
7	3.643	3.631	3.675	VV	129	1706	0.06%	0.002%
8	3.698	3.675	3.721	PV	150	2615	0.08%	0.003%
9	3.732	3.721	3.770	PV	160	1772	0.06%	0.002%
10	3.783	3.770	3.815	PV	81	867	0.03%	0.001%
11	3.853	3.815	3.878	PV	61	384	0.01%	0.000%
12	3.886	3.878	3.918	PV	34	-432	-0.01%	-0.001%
13	3.937	3.918	4.004	PV	265	2208	0.07%	0.003%
14	4.050	4.004	4.062	PV	155	1118	0.04%	0.001%
15	4.085	4.062	4.135	VV	425	5305	0.17%	0.006%
16	4.156	4.135	4.178	PV	23	29	0.00%	0.000%
17	4.254	4.178	4.332	PV	241	2449	0.08%	0.003%
18	4.514	4.485	4.621	PV	697	7835	0.25%	0.009%
19	4.701	4.658	4.744	PV	383	4374	0.14%	0.005%
20	4.765	4.744	4.779	PV	308	2872	0.09%	0.003%
21	4.797	4.779	4.831	VV	722	6878	0.22%	0.008%
22	4.838	4.831	4.891	PV	0	108	0.00%	0.000%
23	4.930	4.891	5.071	PH	123	2258	0.07%	0.003%
24	5.129	5.071	5.171	PH	77	-224	-0.01%	-0.000%
25	5.216	5.171	5.253	PH	1656	20250	0.66%	0.024%
26	5.277	5.253	5.313	PH	240	1998	0.06%	0.002%
27	5.653	5.619	5.665	M	454	4650	0.15%	0.006%
28	5.698	5.675	5.810	HH	499	6262	0.20%	0.007%
29	5.846	5.810	5.911	PH	99	943	0.03%	0.001%
30	5.959	5.911	5.984	PH	60	1033	0.03%	0.001%
31	6.006	5.984	6.061	PH	62	919	0.03%	0.001%
32	6.077	6.061	6.104	PH	50	327	0.01%	0.000%
33	6.186	6.104	6.205	PH	103	2348	0.08%	0.003%
34	6.232	6.205	6.266	HH	504	8405	0.27%	0.010%
35	6.293	6.266	6.310	HH	216	3876	0.13%	0.005%
36	6.335	6.310	6.358	HH	379	6217	0.20%	0.007%

					rteres			
37	6.403	6.358	6.440	HH	263	8988	0.29%	0.011%
38	6.471	6.440	6.555	HH	246	14302	0.46%	0.017%
39	6.580	6.555	6.635	HH	281	9786	0.32%	0.012%
40	6.638	6.635	6.658	HH	303	2991	0.10%	0.004%
41	6.777	6.750	6.805	HH	519	9484	0.31%	0.011%
42	6.921	6.900	6.941	HH	411	6768	0.22%	0.008%
43	6.967	6.941	6.985	HH	267	6515	0.21%	0.008%
44	7.017	6.985	7.041	HH	359	9141	0.30%	0.011%
45	7.099	7.075	7.135	HH	355	11116	0.36%	0.013%
46	7.151	7.135	7.175	HH	638	10402	0.34%	0.012%
47	7.331	7.288	7.395	HH	1076	38578	1.25%	0.046%
48	7.416	7.395	7.460	HH	668	20150	0.65%	0.024%
49	7.642	7.538	7.721	HH	1392	72864	2.36%	0.086%
50	7.831	7.805	7.869	HH	707	22810	0.74%	0.027%
51	8.011	7.960	8.048	HH	691	36162	1.17%	0.043%
52	8.175	8.158	8.192	HH	859	15301	0.50%	0.018%
53	8.381	8.315	8.421	HH	1213	67892	2.20%	0.080%
54	8.436	8.421	8.460	HH	1322	26993	0.87%	0.032%
55	8.585	8.578	8.604	HH	1164	17490	0.57%	0.021%
56	8.682	8.604	8.705	HH	1402	74744	2.42%	0.089%
57	8.725	8.705	8.747	HH	1361	33114	1.07%	0.039%
58	8.920	8.901	8.955	HH	1694	51377	1.66%	0.061%
59	9.495	9.474	9.515	HH	1885	43363	1.40%	0.051%
60	9.610	9.585	9.631	HH	1963	53571	1.73%	0.063%
61	9.661	9.631	9.683	HH	2085	61747	2.00%	0.073%
62	9.825	9.778	9.847	HH	2217	87666	2.84%	0.104%
63	10.011	9.988	10.028	HH	2197	52166	1.69%	0.062%
64	10.321	10.272	10.368	HH	2677	146288	4.74%	0.173%
65	10.533	10.435	10.561	HH	4539	246563	7.98%	0.292%
66	10.681	10.648	10.711	HH	3885	130838	4.24%	0.155%
67	10.886	10.841	10.924	HH	7325	227764	7.38%	0.270%
68	11.013	10.990	11.068	HH	4651	189866	6.15%	0.225%
69	11.213	11.191	11.241	HH	4562	132870	4.30%	0.157%
70	11.396	11.325	11.428	HH	4947	288872	9.36%	0.342%
71	11.682	11.638	11.718	HH	8368	296275	9.59%	0.351%
72	11.738	11.718	11.771	HH	5291	167421	5.42%	0.198%
73	11.990	11.933	12.018	HH	7207	324003	10.49%	0.384%
74	12.091	12.061	12.128	HH	7796	269399	8.72%	0.319%
75	12.489	12.440	12.511	HH	8042	321984	10.43%	0.381%
76	12.679	12.591	12.707	HH	9707	594274	19.25%	0.704%
77	12.843	12.795	12.877	HH	9760	438070	14.19%	0.519%
78	13.168	13.091	13.248	HH	9761	860010	27.85%	1.019%
79	13.355	13.248	13.438	HH	165675	3087872	100.00%	3.657%
80	13.455	13.438	13.479	HH	10934	260571	8.44%	0.309%
81	13.692	13.665	13.719	HH	12734	369405	11.96%	0.437%
82	13.752	13.719	13.771	HH	12509	365326	11.83%	0.433%
83	13.795	13.771	13.818	HH	12206	333278	10.79%	0.395%
84	13.832	13.818	13.885	HH	12262	467706	15.15%	0.554%
85	14.021	13.986	14.045	HH	12522	427146	13.83%	0.506%
86	14.057	14.045	14.078	HH	12743	250829	8.12%	0.297%
87	14.111	14.078	14.146	HH	30477	744887	24.12%	0.882%
88	14.162	14.146	14.235	HH	14167	678119	21.96%	0.803%
89	14.381	14.368	14.398	HH	14139	250419	8.11%	0.297%

rteres							
90	14.410	14.398	14.455	HH	13714	457823	14.83% 0.542%
91	14.562	14.545	14.598	HH	15330	463056	15.00% 0.548%
92	14.622	14.598	14.646	HH	17614	446474	14.46% 0.529%
93	14.675	14.646	14.712	HH	27651	718108	23.26% 0.850%
94	14.882	14.857	14.898	HH	15107	363034	11.76% 0.430%
95	14.929	14.898	14.981	HH	18131	792066	25.65% 0.938%
96	14.995	14.981	15.011	HH	15311	269948	8.74% 0.320%
97	15.106	15.091	15.121	HH	16191	289176	9.36% 0.342%
98	15.218	15.183	15.315	HH	30096	1428572	46.26% 1.692%
99	15.352	15.315	15.385	HH	16615	677963	21.96% 0.803%
100	15.471	15.445	15.501	HH	16621	551923	17.87% 0.654%
101	15.606	15.588	15.631	HH	17309	440443	14.26% 0.522%
102	15.740	15.708	15.810	HH	30469	1260305	40.81% 1.493%
103	15.875	15.861	15.898	HH	18420	398724	12.91% 0.472%
104	16.000	15.985	16.021	HH	20020	420624	13.62% 0.498%
105	16.058	16.021	16.098	HH	20622	902510	29.23% 1.069%
106	16.242	16.151	16.318	HH	33528	2183642	70.72% 2.586%
107	16.371	16.355	16.388	HH	20842	411540	13.33% 0.487%
108	16.536	16.475	16.581	HH	23464	1458111	47.22% 1.727%
109	16.825	16.758	16.845	VV	27213	1274526	41.28% 1.509%
110	17.046	16.977	17.131	VV	27512	2379523	77.06% 2.818%
111	17.194	17.131	17.271	VV	38683	2468372	79.94% 2.923%
112	17.290	17.271	17.313	VV	28766	680726	22.05% 0.806%
113	17.425	17.313	17.467	VV	31490	2632284	85.25% 3.117%
114	17.520	17.467	17.555	VV	54115	1940109	62.83% 2.298%
115	17.610	17.555	17.628	VV	36564	1321808	42.81% 1.565%
116	17.649	17.628	17.701	VV	36376	1431335	46.35% 1.695%
117	17.718	17.701	17.732	VV	29483	525809	17.03% 0.623%
118	17.758	17.732	17.798	VV	36318	1200418	38.88% 1.422%
119	17.812	17.798	17.825	VV	26945	426095	13.80% 0.505%
120	17.848	17.825	17.893	VV	30231	1106609	35.84% 1.311%
121	17.933	17.893	17.957	VV	28679	1029284	33.33% 1.219%
122	17.983	17.957	18.000	VV	29548	709880	22.99% 0.841%
123	18.026	18.000	18.048	VV	35666	901935	29.21% 1.068%
124	18.084	18.048	18.106	VV	41231	1155156	37.41% 1.368%
125	18.130	18.106	18.185	VV	45686	1461548	47.33% 1.731%
126	18.230	18.185	18.308	VV	35184	2148879	69.59% 2.545%
127	18.326	18.308	18.351	VV	23824	605990	19.62% 0.718%
128	18.428	18.351	18.480	VV	27671	1903872	61.66% 2.255%
129	18.507	18.480	18.531	VV	32438	807262	26.14% 0.956%
130	18.597	18.531	18.698	VV	37133	2515587	81.47% 2.979%
131	18.752	18.698	18.845	VV	22717	1733034	56.12% 2.052%
132	18.919	18.845	18.955	VV	30250	1384325	44.83% 1.639%
133	18.973	18.955	19.001	VV	19638	502101	16.26% 0.595%
134	19.023	19.001	19.048	VV	20742	527334	17.08% 0.625%
135	19.069	19.048	19.085	VV	20353	423165	13.70% 0.501%
136	19.101	19.085	19.145	VV	19293	657836	21.30% 0.779%
137	19.197	19.145	19.255	VV	17199	1077014	34.88% 1.276%
138	19.316	19.255	19.375	VV	26269	1339886	43.39% 1.587%
139	19.418	19.375	19.454	VV	17119	744646	24.12% 0.882%
140	19.513	19.454	19.581	VV	16269	1162084	37.63% 1.376%
141	19.610	19.581	19.675	VV	14881	803511	26.02% 0.952%

					rterres			
142	19.707	19.675	19.798	VV	26237	1297703	42.03%	1.537%
143	19.825	19.798	19.863	VV	16949	582249	18.86%	0.690%
144	19.931	19.863	19.951	VV	14286	737410	23.88%	0.873%
145	19.986	19.951	20.035	VV	15276	719849	23.31%	0.853%
146	20.081	20.035	20.108	VV	22118	754146	24.42%	0.893%
147	20.130	20.108	20.180	VV	17501	660019	21.37%	0.782%
148	20.239	20.180	20.277	VV	15557	835775	27.07%	0.990%
149	20.319	20.277	20.335	VV	15160	502499	16.27%	0.595%
150	20.354	20.335	20.371	VV	15339	325887	10.55%	0.386%
151	20.397	20.371	20.415	VV	15789	400362	12.97%	0.474%
152	20.448	20.415	20.481	VV	21819	699169	22.64%	0.828%
153	20.511	20.481	20.545	VV	17723	622362	20.16%	0.737%
154	20.652	20.545	20.751	VV	19739	2072295	67.11%	2.454%
155	20.805	20.751	20.871	VV	20452	1124392	36.41%	1.332%
156	20.926	20.871	21.001	VV	19909	1200797	38.89%	1.422%
157	21.042	21.001	21.106	VV	13846	807128	26.14%	0.956%
158	21.188	21.106	21.315	VV	15106	1348845	43.68%	1.597%
159	21.349	21.315	21.378	VV	8620	321082	10.40%	0.380%
160	21.394	21.378	21.461	VV	8083	383498	12.42%	0.454%
161	21.473	21.461	21.578	VV	7025	433890	14.05%	0.514%
162	21.620	21.578	21.690	VV	7252	365175	11.83%	0.432%
163	21.737	21.690	21.794	VV	4086	229032	7.42%	0.271%
164	21.813	21.794	21.961	VV	3026	206379	6.68%	0.244%
165	21.980	21.961	22.041	VV	1214	36373	1.18%	0.043%

Sum of corrected areas: 84436149

Aliphatic EPH 030325.M Wed Mar 12 04:07:43 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031125AR\
 Data File : FF015649.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 10:17
 Operator : YP\AJ
 Sample : Q1514-01DL 2X
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

ENV-105-SB01DL

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/12/2025

Supervised By :Ankita Jodhani 03/12/2025

Integration File: autoint1.e

Quant Time: Mar 12 01:14:12 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...	7.991	2959399	25.421 ug/ml
Spiked Amount 50.000		Recovery =	50.84%
6) S 2-Fluorobiphenyl (SURR)	8.873	1600875	22.474 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.95%
11) S ortho-Terphenyl (SURR)	11.929	2221251	15.100 ug/ml
Spiked Amount 50.000		Recovery =	30.20%

Target Compounds

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031125AR\
Data File : FF015649.D
Signal(s) : FID2B.ch
Acq On : 11 Mar 2025 10:17
Operator : YP\AJ
Sample : Q1514-01DL 2X
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

ENV-105-SB01DL

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2025

Supervised By :Ankita Jodhani 03/12/2025

Integration File: autoint1.e

Quant Time: Mar 12 01:14:12 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

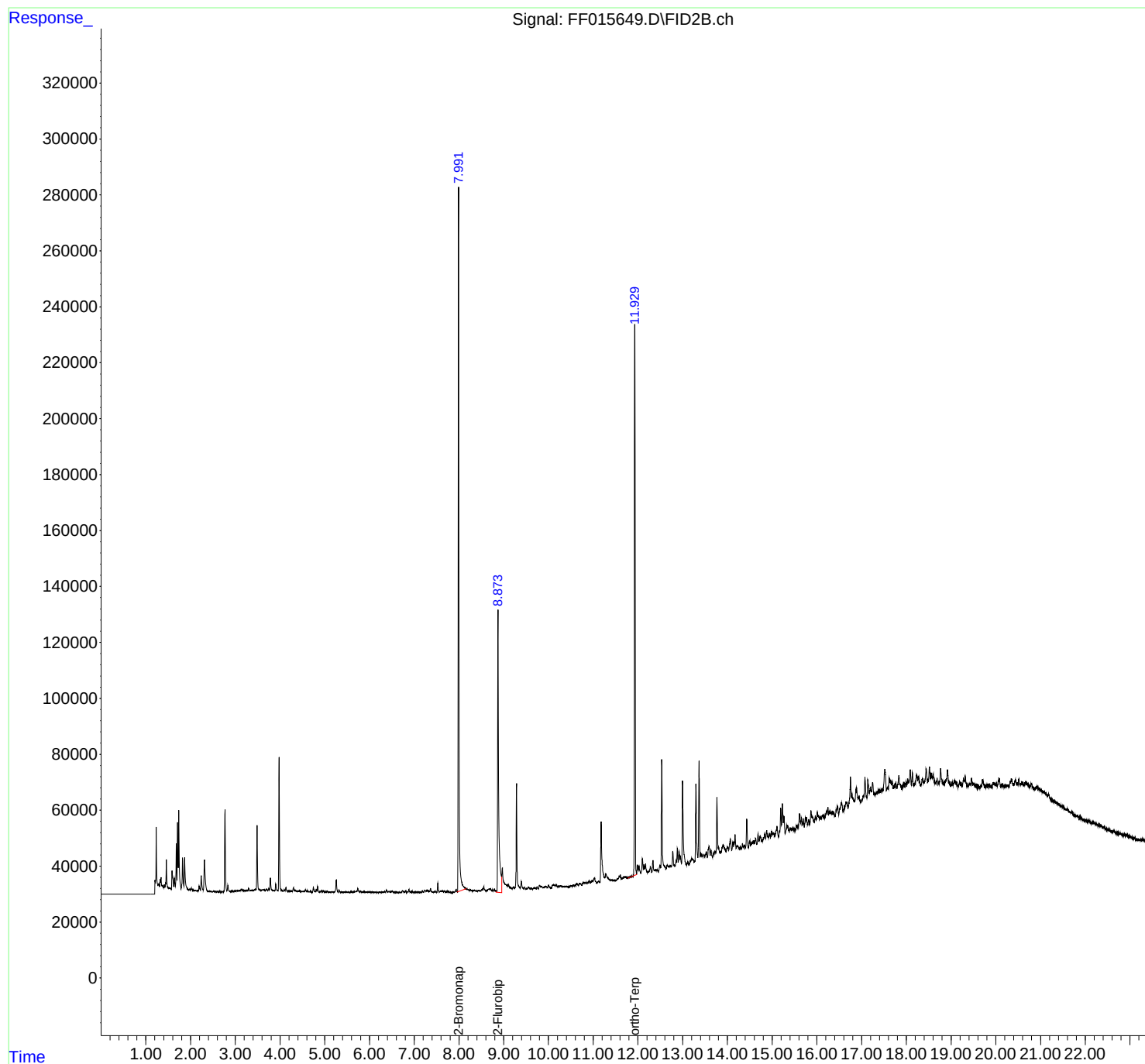
Response via : Initial Calibration

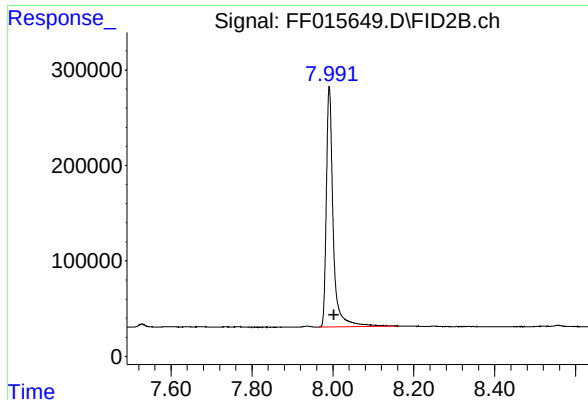
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





#4 2-Bromonaphthalene (SURR)

R.T.: 7.991 min
Delta R.T.: -0.012 min
Response: 2959399
Conc: 25.42 ug/ml

Instrument :

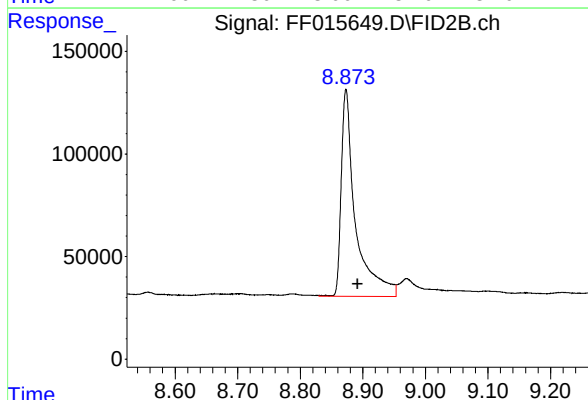
FID_F

ClientSampleId :

ENV-105-SB01DL

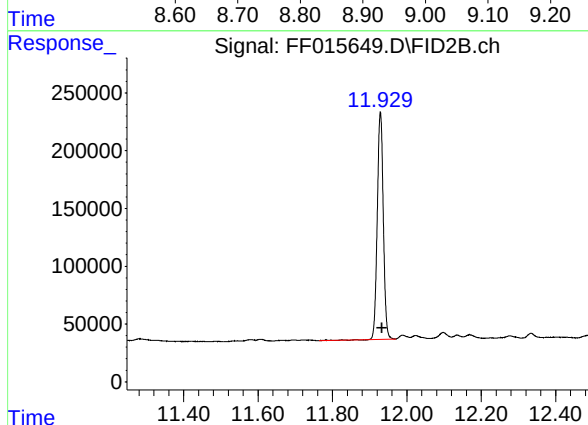
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.873 min
Delta R.T.: -0.019 min
Response: 1600875
Conc: 22.47 ug/ml m



#11 ortho-Terphenyl (SURR)

R.T.: 11.929 min
Delta R.T.: -0.004 min
Response: 2221251
Conc: 15.10 ug/ml

Instrument :

FID_F

ClientSampleId :

ENV-105-SB01DL

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF03112

Data File : FF015649.D

Signal(s) : FID2B.ch

Acq On : 11 Mar 2025 10:17

Sample : Q1514-01DL 2X

Misc :

ALS Vial : 71 Sample Multiplier: 1

Reviewed By :Yogesh Patel 03/12/2025

Supervised By :Ankita Jodhani 03/12/2025

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	4.440	4.401	4.468	BV	269	4171	0.14%	0.003%
2	4.484	4.468	4.491	PV	119	1045	0.03%	0.001%
3	4.500	4.491	4.538	VV	162	2958	0.10%	0.002%
4	4.566	4.538	4.601	VV	678	13133	0.43%	0.011%
5	4.609	4.601	4.617	VV	549	2254	0.07%	0.002%
6	4.628	4.625	4.644	VV	184	1737	0.06%	0.001%
7	4.650	4.644	4.664	VV	179	1558	0.05%	0.001%
8	4.684	4.664	4.716	VV	354	5623	0.18%	0.005%
9	4.746	4.716	4.777	PV	1770	24481	0.79%	0.020%
10	4.808	4.777	4.825	VV	1072	15017	0.49%	0.012%
11	4.841	4.825	4.875	VV	2105	26246	0.85%	0.022%
12	4.888	4.875	4.892	VV	208	1582	0.05%	0.001%
13	4.899	4.892	4.914	VV	222	2258	0.07%	0.002%
14	4.933	4.914	4.957	VV	684	11095	0.36%	0.009%
15	4.969	4.957	4.996	VV	425	6402	0.21%	0.005%
16	5.002	4.996	5.009	VV	174	1231	0.04%	0.001%
17	5.013	5.009	5.026	VV	182	1525	0.05%	0.001%
18	5.051	5.036	5.105	VV	329	6960	0.23%	0.006%
19	5.113	5.105	5.150	VV	92	1515	0.05%	0.001%
20	5.166	5.150	5.205	VV	284	4772	0.15%	0.004%
21	5.257	5.205	5.301	VV	4505	67997	2.21%	0.056%
22	5.320	5.301	5.371	VV	936	14380	0.47%	0.012%
23	5.376	5.371	5.396	VV	138	1276	0.04%	0.001%
24	5.444	5.434	5.451	VV	133	1024	0.03%	0.001%
25	5.470	5.451	5.496	VV	298	4370	0.14%	0.004%
26	5.587	5.550	5.597	VV	305	5562	0.18%	0.005%
27	5.621	5.609	5.628	VV	265	2593	0.08%	0.002%
28	5.634	5.628	5.639	VV	261	1558	0.05%	0.001%
29	5.657	5.639	5.686	VV	365	7554	0.25%	0.006%
30	5.703	5.686	5.721	VV	508	8268	0.27%	0.007%
31	5.740	5.721	5.787	VV	1524	25353	0.82%	0.021%
32	5.800	5.787	5.843	VV	484	9863	0.32%	0.008%
33	5.869	5.851	5.934	VV	301	10131	0.33%	0.008%
34	5.945	5.934	5.953	VV	171	1518	0.05%	0.001%
35	5.962	5.953	5.996	VV	284	4237	0.14%	0.003%
36	6.006	5.996	6.024	VV	320	3814	0.12%	0.003%

Instrument : FID_F									
ClientSampleId : ENV-105-SB01DL									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 03/12/2025									
Supervised By :Ankita Jodhani 03/12/2025									
					retention	Area	Height	Area%	Height%
37	6.034	6.024	6.041	VV	225	1577	0.05%	0.001%	
38	6.042	6.041	6.056	VV	195	1205	0.04%	0.001%	
39	6.070	6.056	6.093	VV	220	3524	0.07%	0.002%	
40	6.109	6.103	6.156	VV	131	3461	0.03%	0.001%	
41	6.180	6.165	6.187	VV	136	1227	0.04%	0.001%	
42	6.192	6.187	6.216	VV	167	1994	0.05%	0.001%	
43	6.221	6.216	6.250	VV	186	2911	0.09%	0.002%	
44	6.254	6.250	6.265	VV	148	1125	0.04%	0.001%	
45	6.284	6.265	6.312	VV	261	4728	0.15%	0.004%	
46	6.334	6.312	6.354	VV	397	6264	0.20%	0.005%	
47	6.379	6.354	6.427	VV	837	20119	0.65%	0.016%	
48	6.437	6.427	6.451	VV	455	5362	0.17%	0.004%	
49	6.455	6.451	6.474	VV	292	2961	0.10%	0.002%	
50	6.512	6.474	6.546	VV	545	13941	0.45%	0.011%	
51	6.548	6.546	6.561	VV	140	1207	0.04%	0.001%	
52	6.649	6.633	6.658	VV	162	1346	0.04%	0.001%	
53	6.668	6.658	6.676	VV	153	1278	0.04%	0.001%	
54	6.737	6.689	6.762	VV	835	15668	0.51%	0.013%	
55	6.765	6.762	6.792	VV	321	4322	0.14%	0.004%	
56	6.811	6.792	6.835	VV	762	9927	0.32%	0.008%	
57	6.851	6.835	6.865	VV	413	4982	0.16%	0.004%	
58	6.882	6.865	6.905	VV	1213	14855	0.48%	0.012%	
59	6.914	6.905	6.935	VV	422	4387	0.14%	0.004%	
60	6.957	6.935	6.988	VV	650	8452	0.27%	0.007%	
61	7.009	6.996	7.016	VV	149	1081	0.04%	0.001%	
62	7.064	7.058	7.092	VV	134	1879	0.06%	0.002%	
63	7.104	7.092	7.114	VV	159	1457	0.05%	0.001%	
64	7.130	7.114	7.146	VV	155	2078	0.07%	0.002%	
65	7.182	7.155	7.210	VV	762	10801	0.35%	0.009%	
66	7.236	7.210	7.255	VV	830	14464	0.47%	0.012%	
67	7.265	7.255	7.269	VV	585	4628	0.15%	0.004%	
68	7.285	7.269	7.299	VV	919	13383	0.43%	0.011%	
69	7.305	7.299	7.335	VV	691	10390	0.34%	0.009%	
70	7.365	7.335	7.429	VV	1478	28872	0.94%	0.024%	
71	7.472	7.429	7.498	VV	461	10796	0.35%	0.009%	
72	7.528	7.498	7.568	VV	3403	45182	1.47%	0.037%	
73	7.591	7.568	7.623	VV	599	14738	0.48%	0.012%	
74	7.639	7.623	7.653	VV	538	7389	0.24%	0.006%	
75	7.677	7.653	7.695	VV	613	10852	0.35%	0.009%	
76	7.736	7.695	7.749	VV	510	9658	0.31%	0.008%	
77	7.764	7.749	7.819	VV	564	8007	0.26%	0.007%	
78	7.878	7.871	7.891	VV	175	1285	0.04%	0.001%	
79	7.937	7.902	7.964	VV	1146	17292	0.56%	0.014%	
80	7.991	7.964	8.234	VV	252117	3081252	100.00%	2.525%	
81	8.250	8.234	8.272	VV	1004	17939	0.58%	0.015%	
82	8.283	8.272	8.288	VV	583	5046	0.16%	0.004%	
83	8.290	8.288	8.295	VV	531	2010	0.07%	0.002%	
84	8.314	8.295	8.327	VV	579	10048	0.33%	0.008%	
85	8.333	8.327	8.362	VV	672	11004	0.36%	0.009%	
86	8.370	8.362	8.402	VV	440	8674	0.28%	0.007%	
87	8.425	8.402	8.432	VV	395	6009	0.20%	0.005%	
88	8.449	8.432	8.457	VV	489	6392	0.21%	0.005%	
89	8.467	8.457	8.489	VV	485	7247	0.24%	0.006%	

							Instrument : FID_F		A
							ClientSampleId : ENV-105-SB01DL		
rteres							0.63%	0.016%	
90	8.522	8.489	8.537	VV	907	19370	Manual IntegrationsAPPROVED		B
91	8.557	8.537	8.626	VV	1876	40692			C
92	8.663	8.626	8.683	VV	947	23429			D
93	8.705	8.683	8.737	VV	1005	22769	Reviewed By :Yogesh Patel 03/12/2025		E
94	8.749	8.737	8.771	VV	602	8201	Supervised By :Ankita Jodhani 03/12/2025		F
95	8.788	8.771	8.836	VV	899	14955			G
96	8.873	8.846	8.953	PV	100706	1571435	51.00%	1.288%	H
97	8.970	8.953	9.037	VV	8258	218268	7.08%	0.179%	I
98	9.040	9.037	9.048	VV	2330	14082	0.46%	0.012%	J
99	9.051	9.048	9.085	VV	2258	45630	1.48%	0.037%	
100	9.100	9.085	9.143	VV	2043	56024	1.82%	0.046%	
101	9.162	9.143	9.194	VV	1106	27605	0.90%	0.023%	
102	9.219	9.194	9.251	VV	1317	32922	1.07%	0.027%	
103	9.287	9.251	9.359	VV	38215	479057	15.55%	0.393%	
104	9.364	9.359	9.372	VV	918	6901	0.22%	0.006%	
105	9.396	9.372	9.436	VV	3138	58184	1.89%	0.048%	
106	9.469	9.436	9.499	VV	881	21775	0.71%	0.018%	
107	9.519	9.499	9.530	VV	536	7088	0.23%	0.006%	
108	9.554	9.530	9.588	VV	966	20943	0.68%	0.017%	
109	9.606	9.588	9.651	VV	478	11816	0.38%	0.010%	
110	9.681	9.651	9.728	VV	563	16916	0.55%	0.014%	
111	9.746	9.728	9.775	VV	887	12860	0.42%	0.011%	
112	9.799	9.775	9.834	VV	1345	30537	0.99%	0.025%	
113	9.853	9.834	9.877	VV	951	18286	0.59%	0.015%	
114	9.899	9.877	9.911	VV	617	10528	0.34%	0.009%	
115	9.936	9.911	9.973	VV	854	24150	0.78%	0.020%	
116	10.002	9.973	10.047	VV	1275	26550	0.86%	0.022%	
117	10.091	10.047	10.107	VV	1220	22333	0.72%	0.018%	
118	10.122	10.107	10.148	VV	1270	26838	0.87%	0.022%	
119	10.170	10.148	10.203	VV	1264	30836	1.00%	0.025%	
120	10.208	10.203	10.219	VV	532	4533	0.15%	0.004%	
121	10.243	10.219	10.259	VV	727	13576	0.44%	0.011%	
122	10.289	10.259	10.328	VV	686	22112	0.72%	0.018%	
123	10.339	10.328	10.361	VV	505	7381	0.24%	0.006%	
124	10.392	10.361	10.430	VV	510	14475	0.47%	0.012%	
125	10.438	10.430	10.461	VV	287	2660	0.09%	0.002%	
126	10.486	10.461	10.496	PV	632	7540	0.24%	0.006%	
127	10.499	10.496	10.503	VV	420	1796	0.06%	0.001%	
128	10.515	10.503	10.537	VV	556	8218	0.27%	0.007%	
129	10.557	10.537	10.576	VV	786	12982	0.42%	0.011%	
130	10.592	10.576	10.607	VV	731	10357	0.34%	0.008%	
131	10.642	10.607	10.664	VV	1119	28125	0.91%	0.023%	
132	10.693	10.664	10.706	VV	1062	20354	0.66%	0.017%	
133	10.712	10.706	10.739	VV	984	15895	0.52%	0.013%	
134	10.781	10.739	10.791	VV	1337	29353	0.95%	0.024%	
135	10.803	10.791	10.817	VV	1353	18305	0.59%	0.015%	
136	10.844	10.817	10.861	VV	1320	28467	0.92%	0.023%	
137	10.884	10.861	10.891	VV	1305	19653	0.64%	0.016%	
138	10.911	10.891	10.931	VV	1721	33561	1.09%	0.028%	
139	10.954	10.931	10.962	VV	1599	24732	0.80%	0.020%	
140	10.976	10.962	10.994	VV	1777	30129	0.98%	0.025%	
141	11.031	10.994	11.082	VV	2700	91595	2.97%	0.075%	

Instrument : FID_F									
ClientSampleId : ENV-105-SB01DL									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 03/12/2025									
Supervised By :Ankita Jodhani 03/12/2025									
	rteres								
142	11.130	11.082	11.147	VV	1399	42269	1.37%	0.035%	
143	11.178	11.147	11.259	VV	22529	471268	1.37%	0.035%	
144	11.280	11.259	11.319	VV	3805	109537	1.37%	0.035%	
145	11.327	11.319	11.376	VV	2478	65428	1.37%	0.035%	
146	11.384	11.376	11.397	VV	1483	17766	0.82%	0.021%	
147	11.420	11.397	11.441	VV	1542	35163	0.95%	0.024%	
148	11.454	11.441	11.476	VV	1337	25284	0.95%	0.024%	
149	11.488	11.476	11.517	VV	1330	29253	1.14%	0.029%	
150	11.545	11.517	11.557	VV	1692	35177	1.60%	0.040%	
151	11.579	11.557	11.594	VV	2683	49390	1.96%	0.049%	
152	11.608	11.594	11.641	VV	2994	60398	1.31%	0.033%	
153	11.664	11.641	11.679	VV	1988	40336	1.16%	0.029%	
154	11.695	11.679	11.708	VV	2266	35610	1.04%	0.026%	
155	11.726	11.708	11.734	VV	2141	32185	0.95%	0.024%	
156	11.740	11.734	11.760	VV	2122	29331	1.03%	0.026%	
157	11.782	11.760	11.790	VV	1955	31669	0.71%	0.018%	
158	11.797	11.790	11.810	VV	1913	21757	1.28%	0.032%	
159	11.826	11.810	11.844	VV	2202	39567	1.39%	0.035%	
160	11.863	11.844	11.879	VV	2305	42929	75.99%	1.919%	
161	11.929	11.879	11.971	VV	199475	2341465	3.66%	0.092%	
162	11.989	11.971	12.011	VV	6017	112688	3.99%	0.101%	
163	12.024	12.011	12.058	VV	5660	122927	6.31%	0.159%	
164	12.098	12.058	12.121	VV	8228	194547	3.04%	0.077%	
165	12.135	12.121	12.152	VV	5921	93604	5.01%	0.126%	
166	12.169	12.152	12.209	VV	6202	154250	1.85%	0.047%	
167	12.226	12.209	12.239	VV	3390	57097	5.38%	0.136%	
168	12.277	12.239	12.310	VV	5109	165829	5.24%	0.132%	
169	12.334	12.310	12.367	VV	7222	161483	1.50%	0.038%	
170	12.376	12.367	12.389	VV	3700	46259	1.61%	0.041%	
171	12.406	12.389	12.412	VV	3738	49725	0.94%	0.024%	
172	12.416	12.412	12.425	VV	3786	29041	2.13%	0.054%	
173	12.430	12.425	12.458	VV	3631	65668	4.59%	0.116%	
174	12.492	12.458	12.511	VV	5324	141288	20.48%	0.517%	
175	12.531	12.511	12.577	VV	43113	631161	4.14%	0.104%	
176	12.584	12.577	12.624	VV	5168	127445	5.31%	0.134%	
177	12.655	12.624	12.683	VV	5037	163710	1.23%	0.031%	
178	12.690	12.683	12.697	VV	4582	37947	4.65%	0.117%	
179	12.729	12.697	12.749	VV	4887	143365	7.00%	0.177%	
180	12.778	12.749	12.804	VV	9683	215617	0.74%	0.019%	
181	12.808	12.804	12.812	VV	4724	22903	1.77%	0.045%	
182	12.823	12.812	12.832	VV	4789	54473	3.17%	0.080%	
183	12.852	12.832	12.860	VV	6501	97601	6.27%	0.158%	
184	12.879	12.860	12.899	VV	10820	193201	5.54%	0.140%	
185	12.918	12.899	12.935	VV	9763	170741	4.84%	0.122%	
186	12.947	12.935	12.972	VV	8073	149074	25.33%	0.640%	
187	12.996	12.972	13.083	VV	34847	780527	3.40%	0.086%	
188	13.113	13.083	13.118	VV	5462	104742	2.45%	0.062%	
189	13.123	13.118	13.142	VV	5508	75453	10.34%	0.261%	
190	13.199	13.142	13.232	VV	6799	318668	3.27%	0.083%	
191	13.237	13.232	13.261	VV	6306	100859	20.94%	0.529%	
192	13.294	13.261	13.338	VV	33246	645143	20.82%	0.526%	
193	13.365	13.338	13.392	VV	41313	641460	9.24%	0.233%	
194	13.408	13.392	13.454	VV	8368	284755			

							Instrument : FID_F		A
							ClientSampleId : ENV-105-SB01DL		
rteres							5.72% 0.144%		
195	13.476	13.454	13.494	VV	7844	176110	Manual IntegrationsAPPROVED		B
196	13.530	13.494	13.551	VV	8692	263303			C
197	13.589	13.551	13.615	VV	10691	343497			D
198	13.633	13.615	13.669	VV	9130	254216	Reviewed By :Yogesh Patel 03/12/2025		E
199	13.688	13.669	13.702	VV	8158	147350	Supervised By :Ankita Jodhani 03/12/2025		F
200	13.719	13.702	13.736	VV	8798	170175			G
201	13.764	13.736	13.795	VV	27786	526013	17.07%	0.431%	H
202	13.799	13.795	13.831	VV	10004	193918	6.29%	0.159%	I
203	13.847	13.831	13.858	VV	8355	130408	4.23%	0.107%	J
204	13.882	13.858	13.886	VV	9809	153249	4.97%	0.126%	
205	13.900	13.886	13.970	VV	10763	482187	15.65%	0.395%	
206	14.012	13.970	14.029	VV	9722	323246	10.49%	0.265%	
207	14.065	14.029	14.096	VV	12626	423557	13.75%	0.347%	
208	14.120	14.096	14.136	VV	11498	240421	7.80%	0.197%	
209	14.148	14.136	14.156	VV	11457	130046	4.22%	0.107%	
210	14.170	14.156	14.192	VV	13932	256650	8.33%	0.210%	
211	14.215	14.192	14.249	VV	10077	329016	10.68%	0.270%	
212	14.258	14.249	14.263	VV	9224	75144	2.44%	0.062%	
213	14.265	14.263	14.276	VV	9106	66793	2.17%	0.055%	
214	14.287	14.276	14.315	VV	9613	214878	6.97%	0.176%	
215	14.337	14.315	14.364	VV	10504	280970	9.12%	0.230%	
216	14.376	14.364	14.398	VV	9841	194964	6.33%	0.160%	
217	14.431	14.398	14.465	VV	19335	499958	16.23%	0.410%	
218	14.500	14.465	14.517	VV	11457	318623	10.34%	0.261%	
219	14.555	14.517	14.565	VV	10792	292197	9.48%	0.239%	
220	14.569	14.565	14.574	VV	10536	56417	1.83%	0.046%	
221	14.590	14.574	14.605	VV	11265	203364	6.60%	0.167%	
222	14.630	14.605	14.662	VV	12093	375199	12.18%	0.307%	
223	14.683	14.662	14.702	VV	13557	286986	9.31%	0.235%	
224	14.738	14.702	14.764	VV	12672	432854	14.05%	0.355%	
225	14.774	14.764	14.788	VV	11468	163293	5.30%	0.134%	
226	14.831	14.788	14.851	VV	13480	457750	14.86%	0.375%	
227	14.877	14.851	14.923	VV	14523	556894	18.07%	0.456%	
228	14.948	14.923	14.965	VV	13477	317750	10.31%	0.260%	
229	14.987	14.965	15.006	VV	14069	327131	10.62%	0.268%	
230	15.011	15.006	15.017	VV	13440	92819	3.01%	0.076%	
231	15.023	15.017	15.059	VV	13652	324686	10.54%	0.266%	
232	15.107	15.059	15.146	VV	15797	707086	22.95%	0.579%	
233	15.167	15.146	15.172	VV	13960	204901	6.65%	0.168%	
234	15.190	15.172	15.208	VV	22112	399243	12.96%	0.327%	
235	15.227	15.208	15.249	VV	23722	480479	15.59%	0.394%	
236	15.264	15.249	15.291	VV	19134	418717	13.59%	0.343%	
237	15.324	15.291	15.334	VV	15860	370438	12.02%	0.304%	
238	15.345	15.334	15.377	VV	15990	386525	12.54%	0.317%	
239	15.408	15.377	15.420	VV	14764	363490	11.80%	0.298%	
240	15.425	15.420	15.438	VV	14524	157139	5.10%	0.129%	
241	15.451	15.438	15.479	VV	14325	352397	11.44%	0.289%	
242	15.496	15.479	15.515	VV	14402	303020	9.83%	0.248%	
243	15.548	15.515	15.572	VV	15710	508034	16.49%	0.416%	
244	15.610	15.572	15.634	VV	19491	625200	20.29%	0.512%	
245	15.652	15.634	15.676	VV	18172	415484	13.48%	0.340%	
246	15.693	15.676	15.716	VV	17541	398385	12.93%	0.326%	

Instrument : FID_F ClientSampleId : ENV-105-SB01DL									
247	15.742	15.716	15.757	VV	18207	406899	13.21%	0.333%	A
248	15.768	15.757	15.797	VV	18127	395182	12.55%	0.342%	B
249	15.817	15.797	15.845	VV	17171	476514	15.80%	0.248%	C
250	15.866	15.845	15.944	VV	20398	1047861	34.00%	0.248%	D
251	15.965	15.944	15.984	VV	18419	417932	13.55%	0.264%	E
252	16.007	15.984	16.029	VV	19332	491556	15.80%	0.342%	F
253	16.039	16.029	16.059	VV	18406	322068	10.45%	0.264%	G
254	16.079	16.059	16.099	VV	17950	417481	13.55%	0.342%	H
255	16.121	16.099	16.127	VV	18102	302035	9.80%	0.248%	I
256	16.132	16.127	16.139	VV	18254	126446	4.10%	0.104%	J
257	16.146	16.139	16.151	VV	18164	125049	4.06%	0.102%	
258	16.157	16.151	16.177	VV	18215	276799	8.98%	0.227%	
259	16.221	16.177	16.231	VV	19812	603594	19.59%	0.495%	
260	16.246	16.231	16.267	VV	20990	432553	14.04%	0.354%	
261	16.281	16.267	16.338	VV	19727	805072	26.13%	0.660%	
262	16.359	16.338	16.375	VV	19379	418047	13.57%	0.343%	
263	16.380	16.375	16.382	VV	18492	78601	2.55%	0.064%	
264	16.386	16.382	16.404	VV	18773	240700	7.81%	0.197%	
265	16.461	16.404	16.488	VV	21227	974678	31.63%	0.799%	
266	16.507	16.488	16.519	VV	20182	368177	11.95%	0.302%	
267	16.548	16.519	16.580	VV	22294	779392	25.29%	0.639%	
268	16.615	16.580	16.625	VV	21212	531925	17.26%	0.436%	
269	16.660	16.625	16.695	VV	22429	910135	29.54%	0.746%	
270	16.752	16.695	16.773	VV	31283	1141165	37.04%	0.935%	
271	16.787	16.773	16.830	VV	25149	813534	26.40%	0.667%	
272	16.836	16.830	16.847	VV	22871	236439	7.67%	0.194%	
273	16.887	16.847	16.917	VV	27193	1048088	34.01%	0.859%	
274	16.936	16.917	16.981	VV	24100	874984	28.40%	0.717%	
275	16.983	16.981	16.987	VV	22243	88071	2.86%	0.072%	
276	17.002	16.987	17.010	VV	22808	303204	9.84%	0.248%	
277	17.074	17.010	17.118	VV	30703	1621635	52.63%	1.329%	
278	17.138	17.118	17.161	VV	29700	694900	22.55%	0.569%	
279	17.166	17.161	17.177	VV	25940	253255	8.22%	0.208%	
280	17.198	17.177	17.219	VV	27213	645582	20.95%	0.529%	
281	17.244	17.219	17.284	VV	28680	1028329	33.37%	0.843%	
282	17.289	17.284	17.324	VV	24848	587081	19.05%	0.481%	
283	17.332	17.324	17.337	VV	25147	198834	6.45%	0.163%	
284	17.347	17.337	17.357	VV	25478	286526	9.30%	0.235%	
285	17.370	17.357	17.384	VV	25877	414455	13.45%	0.340%	
286	17.396	17.384	17.426	VV	25805	631066	20.48%	0.517%	
287	17.435	17.426	17.442	VV	25628	245333	7.96%	0.201%	
288	17.465	17.442	17.481	VV	25927	604338	19.61%	0.495%	
289	17.518	17.481	17.557	VV	32959	1329879	43.16%	1.090%	
290	17.566	17.557	17.571	VV	26284	214516	6.96%	0.176%	
291	17.579	17.571	17.584	VV	26608	212641	6.90%	0.174%	
292	17.618	17.584	17.642	VV	29675	969398	31.46%	0.794%	
293	17.649	17.642	17.671	VV	28890	478111	15.52%	0.392%	
294	17.681	17.671	17.711	VV	28451	652049	21.16%	0.534%	
295	17.721	17.711	17.742	VV	26691	494329	16.04%	0.405%	
296	17.753	17.742	17.757	VV	27582	240458	7.80%	0.197%	
297	17.765	17.757	17.789	VV	27798	519217	16.85%	0.426%	
298	17.805	17.789	17.808	VV	27321	305893	9.93%	0.251%	
299	17.832	17.808	17.864	VV	30145	954343	30.97%	0.782%	

							Instrument : FID_F		A
							ClientSampleId : ENV-105-SB01DL		
rteres							6.15% 0.155%		B
300	17.868	17.864	17.876	VV	27071	189600	Manual IntegrationsAPPROVED		C
301	17.881	17.876	17.886	VV	26678	149617			D
302	17.888	17.886	17.904	VV	26718	274193			E
303	17.944	17.904	17.965	VV	27746	981224	Reviewed By :Yogesh Patel 03/12/2025		F
304	17.991	17.965	18.006	VV	28019	672530	Supervised By :Ankita Jodhani 03/12/2025		G
305	18.029	18.006	18.049	VV	28828	705373			H
306	18.057	18.049	18.062	VV	28130	223203	7.24%	0.183%	I
307	18.086	18.062	18.112	VV	31940	872382	28.31%	0.715%	J
308	18.136	18.112	18.164	VV	30982	888752	28.84%	0.728%	
309	18.172	18.164	18.177	VV	26996	208448	6.77%	0.171%	
310	18.235	18.177	18.249	VV	29942	1202809	39.04%	0.986%	
311	18.274	18.249	18.321	VV	29530	1207024	39.17%	0.989%	
312	18.328	18.321	18.332	VV	26567	183196	5.95%	0.150%	
313	18.364	18.332	18.371	VV	28699	645260	20.94%	0.529%	
314	18.376	18.371	18.394	VV	27384	366972	11.91%	0.301%	
315	18.400	18.394	18.403	VV	27424	154814	5.02%	0.127%	
316	18.445	18.403	18.487	VV	31928	1459438	47.37%	1.196%	
317	18.515	18.487	18.535	VV	32382	854856	27.74%	0.701%	
318	18.557	18.535	18.587	VV	30175	913086	29.63%	0.748%	
319	18.601	18.587	18.635	VV	29729	804070	26.10%	0.659%	
320	18.640	18.635	18.647	VV	27004	201811	6.55%	0.165%	
321	18.689	18.647	18.709	VV	28300	995368	32.30%	0.816%	
322	18.721	18.709	18.737	VV	26916	449426	14.59%	0.368%	
323	18.765	18.737	18.831	VV	31596	1557754	50.56%	1.277%	
324	18.837	18.831	18.850	VV	26651	304301	9.88%	0.249%	
325	18.917	18.850	18.963	VV	31024	1858989	60.33%	1.523%	
326	18.975	18.963	18.992	VV	26325	461448	14.98%	0.378%	
327	19.022	18.992	19.029	VV	26466	559064	18.14%	0.458%	
328	19.033	19.029	19.042	VV	26260	209713	6.81%	0.172%	
329	19.079	19.042	19.099	VV	27070	879693	28.55%	0.721%	
330	19.120	19.099	19.127	VV	26224	450111	14.61%	0.369%	
331	19.133	19.127	19.159	VV	26190	475424	15.43%	0.390%	
332	19.184	19.159	19.206	VV	26051	714533	23.19%	0.586%	
333	19.212	19.206	19.221	VV	26019	227748	7.39%	0.187%	
334	19.227	19.221	19.242	VV	25385	324389	10.53%	0.266%	
335	19.276	19.242	19.292	VV	27522	780374	25.33%	0.640%	
336	19.317	19.292	19.346	VV	27944	858360	27.86%	0.703%	
337	19.354	19.346	19.385	VV	25173	574560	18.65%	0.471%	
338	19.417	19.385	19.437	VV	25390	774006	25.12%	0.634%	
339	19.455	19.437	19.494	VV	27052	884406	28.70%	0.725%	
340	19.505	19.494	19.539	VV	25483	668283	21.69%	0.548%	
341	19.559	19.539	19.584	VV	24939	657440	21.34%	0.539%	
342	19.591	19.584	19.641	VV	24950	814093	26.42%	0.667%	
343	19.700	19.641	19.751	VV	26465	1618725	52.53%	1.327%	
344	19.757	19.751	19.786	VV	24424	501148	16.26%	0.411%	
345	19.800	19.786	19.812	VV	24603	383367	12.44%	0.314%	
346	19.825	19.812	19.842	VV	24581	432564	14.04%	0.354%	
347	19.855	19.842	19.892	VV	24665	716654	23.26%	0.587%	
348	19.899	19.892	19.921	VV	23630	400347	12.99%	0.328%	
349	19.947	19.921	19.959	VV	25020	563029	18.27%	0.461%	
350	19.967	19.959	19.991	VV	24572	462173	15.00%	0.379%	
351	20.011	19.991	20.034	VV	24818	630301	20.46%	0.517%	

Instrument : FID_F									
ClientSampleId : ENV-105-SB01DL									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 03/12/2025 Supervised By :Ankita Jodhani 03/12/2025									
				rters					
352	20.080	20.034	20.107	VV	26378	1091670	35.43%	0.895%	
353	20.131	20.107	20.142	VV	24098	495791	16.92%	0.233%	
354	20.155	20.142	20.199	VV	24339	801028	26.35%	0.428%	
355	20.220	20.199	20.258	VV	23817	826756	26.35%	0.428%	
356	20.266	20.258	20.294	VV	23684	506947	16.92%	0.233%	
357	20.320	20.294	20.334	VV	25034	577106	18.05%	0.330%	
358	20.351	20.334	20.391	VV	25824	838835	27.22%	0.687%	
359	20.397	20.391	20.411	VV	23867	284700	9.24%	0.233%	
360	20.436	20.411	20.471	VV	25483	883496	28.67%	0.724%	
361	20.482	20.471	20.496	VV	24218	356825	11.58%	0.292%	
362	20.513	20.496	20.532	VV	25549	542914	17.62%	0.445%	
363	20.541	20.532	20.556	VV	23802	337827	10.96%	0.277%	
364	20.577	20.556	20.592	VV	24435	521770	16.93%	0.428%	
365	20.607	20.592	20.622	VV	24216	427223	13.87%	0.350%	
366	20.661	20.622	20.681	VV	24358	830344	26.95%	0.680%	
367	20.688	20.681	20.709	VV	24363	402222	13.05%	0.330%	
368	20.717	20.709	20.757	VV	23686	666746	21.64%	0.546%	
369	20.800	20.757	20.881	VV	23487	1658171	53.81%	1.359%	
370	20.920	20.881	20.952	VV	22499	931571	30.23%	0.763%	
371	20.981	20.952	21.002	VV	21641	639659	20.76%	0.524%	
372	21.013	21.002	21.022	VV	20928	248977	8.08%	0.204%	
373	21.029	21.022	21.066	VV	20445	527791	17.13%	0.433%	
374	21.076	21.066	21.154	VV	20423	1036068	33.62%	0.849%	
375	21.181	21.154	21.242	VV	19034	952315	30.91%	0.780%	
376	21.251	21.242	21.282	VV	17547	414989	13.47%	0.340%	
377	21.305	21.282	21.347	VV	16939	639046	20.74%	0.524%	
378	21.356	21.347	21.438	VV	16329	845722	27.45%	0.693%	
379	21.451	21.438	21.487	VV	15088	427175	13.86%	0.350%	
380	21.497	21.487	21.579	VV	14767	757178	24.57%	0.621%	
381	21.583	21.579	21.591	VV	13433	92000	2.99%	0.075%	
382	21.602	21.591	21.667	VV	13369	584148	18.96%	0.479%	
383	21.683	21.667	21.793	VV	12382	861159	27.95%	0.706%	
384	21.823	21.793	21.864	VV	10853	446217	14.48%	0.366%	
385	21.881	21.864	21.932	VV	10010	395064	12.82%	0.324%	
386	21.942	21.932	21.961	VV	9320	159272	5.17%	0.131%	
387	21.973	21.961	21.987	VV	9072	139677	4.53%	0.114%	
388	21.996	21.987	22.011	VV	8996	130303	4.23%	0.107%	
389	22.018	22.011	22.042	VV	8658	157375	5.11%	0.129%	
390	22.050	22.042	22.079	VV	8511	180117	5.85%	0.148%	
391	22.089	22.079	22.139	VV	8700	293179	9.51%	0.240%	
392	22.153	22.139	22.172	VV	7789	152920	4.96%	0.125%	
393	22.184	22.172	22.219	VV	8019	212551	6.90%	0.174%	
394	22.228	22.219	22.265	VV	7444	199373	6.47%	0.163%	
395	22.294	22.265	22.317	VV	6983	211053	6.85%	0.173%	
396	22.330	22.317	22.341	VV	6526	89299	2.90%	0.073%	
397	22.353	22.341	22.391	VV	6397	185406	6.02%	0.152%	
398	22.413	22.391	22.491	VV	5994	322482	10.47%	0.264%	
399	22.505	22.491	22.591	VV	4928	268397	8.71%	0.220%	
400	22.598	22.591	22.621	VV	4051	71500	2.32%	0.059%	
401	22.639	22.621	22.697	VV	4260	171710	5.57%	0.141%	
402	22.708	22.697	22.769	VV	3451	135916	4.41%	0.111%	
403	22.775	22.769	22.782	VV	3052	23365	0.76%	0.019%	
404	22.800	22.782	22.866	VV	3005	133185	4.32%	0.109%	

405	22.878	22.866	22.892	VV	2652	38138	1.24%	0.031%
406	22.914	22.892	22.991	VV	2593	122079		
407	23.009	22.991	23.089	VV	1759	73856		
408	23.095	23.089	23.127	VV	1057	17515		
409	23.149	23.127	23.172	VV	652	12883		
410	23.179	23.172	23.226	VV	557	9143		
411	23.243	23.226	23.272	VV	414	5789	0.19%	0.005%
412	23.282	23.272	23.311	VBA	462	13764	0.45%	0.011%
Sum of corrected areas:					122022617			

Instrument :

FID_F

ClientSampleId :

ENV-105-SB01DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/12/2025
 Supervised By :Ankita Jodhani 03/12/2025

Aromatic EPH 022625.M Wed Mar 12 01:46:31 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052721.D
Signal(s) : FID1B.ch
Acq On : 11 Mar 2025 02:34
Operator : YP\AJ
Sample : Q1514-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
ENV-105-SB02

Integration File: autoint1.e
Quant Time: Mar 11 05:27:19 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	4082642	33.622 ug/ml
Spiked Amount	50.000	Recovery	= 67.24%

Target Compounds

(f)=RT Delta > 1/2 Window

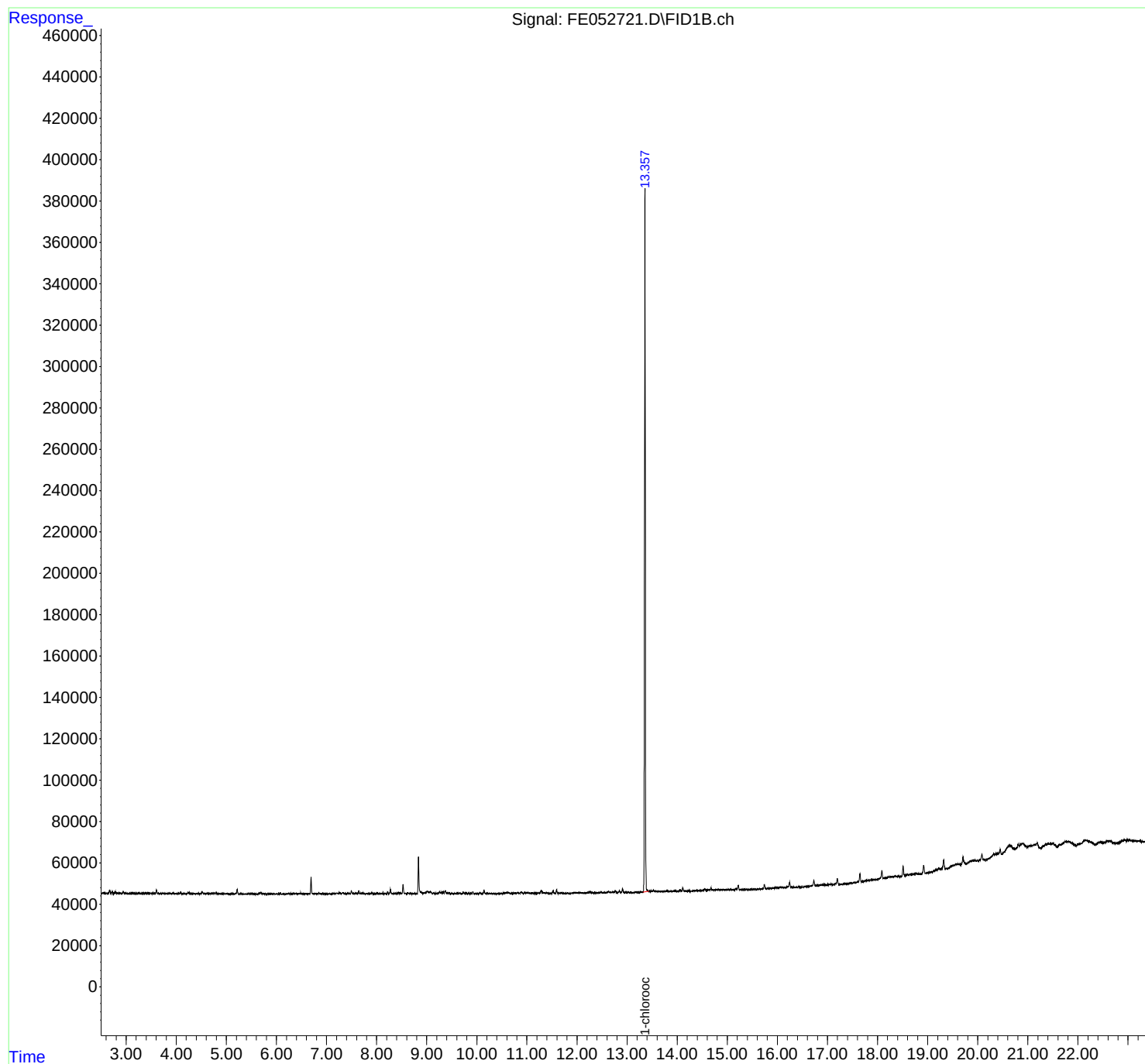
(m)=manual int.

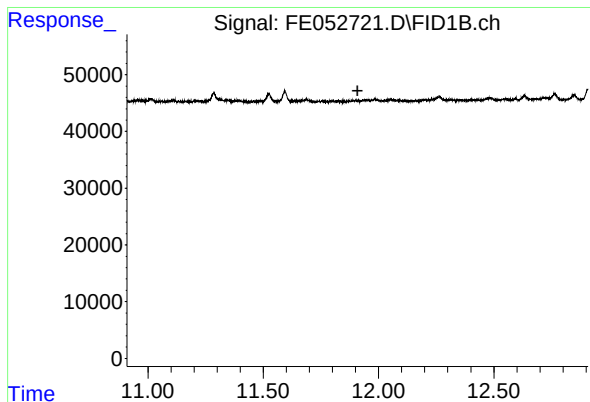
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052721.D
Signal(s) : FID1B.ch
Acq On : 11 Mar 2025 02:34
Operator : YP\AJ
Sample : Q1514-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
ENV-105-SB02

Integration File: autoint1.e
Quant Time: Mar 11 05:27:19 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

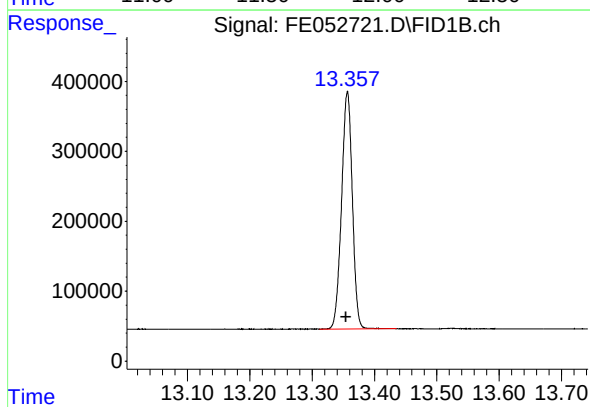




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.909 min
Response: 0
Conc: N.D.

Instrument :
FID_E
ClientSampleId :
ENV-105-SB02



#12 1-chlorooctadecane (SURR)

R.T.: 13.357 min
Delta R.T.: 0.002 min
Response: 4082642
Conc: 33.62 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052721.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2025 02:34
 Sample : Q1514-03
 Misc :
 ALS Vial : 32 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	2.883	2.805	2.910	BV	139	1371	0.03%	0.012%
2	2.943	2.910	2.986	VV	1042	10942	0.27%	0.093%
3	3.041	2.986	3.075	PV	125	3347	0.08%	0.028%
4	3.094	3.075	3.108	VV	125	1943	0.05%	0.016%
5	3.116	3.108	3.135	VV	88	1122	0.03%	0.010%
6	3.145	3.135	3.155	VV	112	811	0.02%	0.007%
7	3.159	3.155	3.191	VV	87	1576	0.04%	0.013%
8	3.197	3.191	3.218	VV	149	1468	0.04%	0.012%
9	3.250	3.218	3.288	VV	275	5300	0.13%	0.045%
10	3.296	3.288	3.311	VV	138	1297	0.03%	0.011%
11	3.327	3.311	3.391	VV	186	4689	0.11%	0.040%
12	3.399	3.391	3.418	VV	119	1573	0.04%	0.013%
13	3.470	3.418	3.491	VV	161	5873	0.14%	0.050%
14	3.508	3.491	3.531	VV	175	3099	0.08%	0.026%
15	3.606	3.531	3.635	VV	1861	25994	0.63%	0.221%
16	3.644	3.635	3.681	VV	245	4044	0.10%	0.034%
17	3.711	3.681	3.776	VV	253	8057	0.20%	0.068%
18	3.788	3.776	3.814	VV	140	2512	0.06%	0.021%
19	3.838	3.814	3.878	VV	246	6030	0.15%	0.051%
20	3.938	3.878	3.965	VV	304	7628	0.19%	0.065%
21	3.971	3.965	4.029	VV	153	4248	0.10%	0.036%
22	4.049	4.029	4.063	VV	345	4390	0.11%	0.037%
23	4.086	4.063	4.140	VV	758	13116	0.32%	0.111%
24	4.156	4.140	4.185	VV	185	2786	0.07%	0.024%
25	4.195	4.185	4.202	VV	64	600	0.01%	0.005%
26	4.233	4.202	4.245	PV	563	7680	0.19%	0.065%
27	4.253	4.245	4.380	VV	485	13231	0.32%	0.112%
28	4.392	4.380	4.398	VV	137	980	0.02%	0.008%
29	4.414	4.398	4.493	VV	192	6294	0.15%	0.053%
30	4.525	4.493	4.577	VV	747	17391	0.42%	0.148%
31	4.633	4.577	4.653	VV	256	7230	0.18%	0.061%
32	4.664	4.653	4.680	VV	196	2558	0.06%	0.022%
33	4.699	4.680	4.719	VV	648	8006	0.19%	0.068%
34	4.731	4.719	4.747	VV	252	3215	0.08%	0.027%
35	4.763	4.747	4.779	VV	438	5442	0.13%	0.046%
36	4.797	4.779	4.995	VV	944	24895	0.60%	0.211%

					rteres			
37	5.014	4.995	5.068	VV	163	5009	0.12%	0.043%
38	5.127	5.068	5.168	VV	208	5530	0.13%	0.047%
39	5.216	5.168	5.255	VV	2225	31142	0.76%	0.264%
40	5.278	5.255	5.377	VV	440	10583	0.26%	0.090%
41	5.384	5.377	5.394	VV	71	427	0.01%	0.004%
42	5.427	5.394	5.441	PV	128	2084	0.05%	0.018%
43	5.459	5.441	5.488	VV	248	3601	0.09%	0.031%
44	5.509	5.488	5.607	VV	160	5410	0.13%	0.046%
45	5.621	5.607	5.633	VV	126	1515	0.04%	0.013%
46	5.654	5.633	5.675	VV	586	8087	0.20%	0.069%
47	5.697	5.675	5.728	VV	704	12274	0.30%	0.104%
48	5.759	5.728	5.791	VV	185	4314	0.10%	0.037%
49	5.847	5.791	5.894	VV	283	6880	0.17%	0.058%
50	5.900	5.894	5.912	VV	94	662	0.02%	0.006%
51	5.923	5.912	5.934	PV	73	648	0.02%	0.006%
52	5.949	5.934	5.965	VV	183	2585	0.06%	0.022%
53	5.970	5.965	5.987	VV	190	1520	0.04%	0.013%
54	6.006	5.987	6.034	VV	182	2946	0.07%	0.025%
55	6.078	6.034	6.115	VV	371	3702	0.09%	0.031%
56	6.143	6.115	6.174	VV	119	2526	0.06%	0.021%
57	6.184	6.174	6.201	VV	97	1306	0.03%	0.011%
58	6.206	6.201	6.210	VV	131	565	0.01%	0.005%
59	6.230	6.210	6.280	VV	398	8073	0.20%	0.069%
60	6.292	6.280	6.311	VV	232	2738	0.07%	0.023%
61	6.336	6.311	6.369	VV	450	8019	0.19%	0.068%
62	6.399	6.369	6.425	VV	331	6154	0.15%	0.052%
63	6.485	6.425	6.507	VV	352	10577	0.26%	0.090%
64	6.518	6.507	6.551	VV	179	4354	0.11%	0.037%
65	6.578	6.551	6.661	VV	301	12134	0.29%	0.103%
66	6.692	6.661	6.751	VV	8190	91846	2.23%	0.780%
67	6.777	6.751	6.793	VV	498	6488	0.16%	0.055%
68	6.815	6.793	6.827	VV	322	4284	0.10%	0.036%
69	6.846	6.827	6.868	VV	738	9354	0.23%	0.079%
70	6.884	6.868	6.905	VV	291	4382	0.11%	0.037%
71	6.920	6.905	7.008	VV	391	10206	0.25%	0.087%
72	7.018	7.008	7.051	VV	128	2472	0.06%	0.021%
73	7.071	7.051	7.085	PV	123	1792	0.04%	0.015%
74	7.100	7.085	7.116	VV	162	2350	0.06%	0.020%
75	7.148	7.116	7.180	VV	467	9191	0.22%	0.078%
76	7.204	7.180	7.241	VV	548	13233	0.32%	0.112%
77	7.254	7.241	7.294	VV	594	12228	0.30%	0.104%
78	7.332	7.294	7.360	VV	816	17994	0.44%	0.153%
79	7.375	7.360	7.391	VV	328	4359	0.11%	0.037%
80	7.417	7.391	7.458	VV	342	11348	0.28%	0.096%
81	7.498	7.458	7.525	VV	1609	24569	0.60%	0.209%
82	7.539	7.525	7.548	VV	292	3511	0.09%	0.030%
83	7.563	7.548	7.578	VV	343	5390	0.13%	0.046%
84	7.608	7.578	7.621	VV	484	9523	0.23%	0.081%
85	7.643	7.621	7.671	VV	1657	23427	0.57%	0.199%
86	7.705	7.671	7.720	VV	371	8917	0.22%	0.076%
87	7.736	7.720	7.787	VV	463	8381	0.20%	0.071%
88	7.817	7.787	7.847	VV	276	7353	0.18%	0.062%
89	7.857	7.847	7.868	VV	264	2664	0.06%	0.023%

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90	7.871	7.868	7.884	VV	246	1968	0.05%	0.017%
91	7.908	7.884	7.940	VV	725	11198	0.27%	0.095%
92	8.010	7.940	8.041	VV	347	13115	0.32%	0.111%
93	8.076	8.041	8.088	VV	364	6486	0.16%	0.055%
94	8.103	8.088	8.115	VV	353	4750	0.12%	0.040%
95	8.133	8.115	8.157	VV	359	6592	0.16%	0.056%
96	8.173	8.157	8.194	VV	386	5220	0.13%	0.044%
97	8.220	8.194	8.255	VV	1048	15086	0.37%	0.128%
98	8.277	8.255	8.303	VV	2339	26969	0.66%	0.229%
99	8.316	8.303	8.329	VV	255	3499	0.09%	0.030%
100	8.376	8.329	8.408	VV	494	12908	0.31%	0.110%
101	8.434	8.408	8.491	VV	941	21289	0.52%	0.181%
102	8.496	8.491	8.505	VV	271	2088	0.05%	0.018%
103	8.529	8.505	8.604	VV	4621	65377	1.59%	0.555%
104	8.626	8.604	8.664	VV	490	11467	0.28%	0.097%
105	8.681	8.664	8.708	VV	373	5868	0.14%	0.050%
106	8.724	8.708	8.742	VV	303	4515	0.11%	0.038%
107	8.764	8.742	8.793	VV	337	5375	0.13%	0.046%
108	8.836	8.793	8.925	VV	17847	232938	5.66%	1.977%
109	8.940	8.925	8.966	VV	485	10887	0.26%	0.092%
110	9.013	8.966	9.056	VV	1303	48394	1.18%	0.411%
111	9.073	9.056	9.131	VV	1041	28689	0.70%	0.244%
112	9.137	9.131	9.178	VV	441	7686	0.19%	0.065%
113	9.191	9.178	9.221	VV	385	7077	0.17%	0.060%
114	9.259	9.221	9.280	VV	1213	22561	0.55%	0.191%
115	9.294	9.280	9.323	VV	800	15955	0.39%	0.135%
116	9.335	9.323	9.344	VV	770	8164	0.20%	0.069%
117	9.372	9.344	9.431	VV	1499	37812	0.92%	0.321%
118	9.448	9.431	9.471	VV	401	6031	0.15%	0.051%
119	9.498	9.471	9.531	VV	273	5209	0.13%	0.044%
120	9.560	9.531	9.584	VV	270	6236	0.15%	0.053%
121	9.601	9.584	9.611	VV	261	3526	0.09%	0.030%
122	9.621	9.611	9.635	VV	247	2587	0.06%	0.022%
123	9.662	9.635	9.707	VV	501	9484	0.23%	0.081%
124	9.731	9.707	9.767	VV	711	12269	0.30%	0.104%
125	9.783	9.767	9.815	VV	410	6535	0.16%	0.055%
126	9.821	9.815	9.847	VV	222	3428	0.08%	0.029%
127	9.868	9.847	9.899	VV	417	7278	0.18%	0.062%
128	9.922	9.899	9.961	VV	1071	13177	0.32%	0.112%
129	9.977	9.961	9.991	PV	219	2121	0.05%	0.018%
130	10.014	9.991	10.038	VV	167	2980	0.07%	0.025%
131	10.062	10.038	10.096	VV	542	8313	0.20%	0.071%
132	10.144	10.096	10.195	VV	1744	26107	0.63%	0.222%
133	10.218	10.195	10.306	VV	216	8363	0.20%	0.071%
134	10.315	10.306	10.333	VV	118	896	0.02%	0.008%
135	10.342	10.333	10.403	VV	93	873	0.02%	0.007%
136	10.423	10.403	10.441	PV	102	1334	0.03%	0.011%
137	10.464	10.441	10.481	VV	224	3223	0.08%	0.027%
138	10.495	10.481	10.504	VV	158	1675	0.04%	0.014%
139	10.539	10.504	10.560	VV	457	8752	0.21%	0.074%
140	10.589	10.560	10.665	VV	711	26147	0.64%	0.222%
141	10.680	10.665	10.730	VV	246	7674	0.19%	0.065%

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142	10.784	10.730	10.796	VV	302	9192	0.22%	0.078%
143	10.825	10.796	10.851	VV	411	10865	0.26%	0.092%
144	10.886	10.851	10.920	VV	937	18896	0.46%	0.160%
145	10.953	10.920	10.991	VV	398	12532	0.30%	0.106%
146	11.014	10.991	11.064	VV	635	13302	0.32%	0.113%
147	11.072	11.064	11.080	VV	206	1587	0.04%	0.013%
148	11.109	11.080	11.148	VV	361	8530	0.21%	0.072%
149	11.170	11.148	11.191	VV	161	3185	0.08%	0.027%
150	11.218	11.191	11.243	VV	228	5857	0.14%	0.050%
151	11.285	11.243	11.328	VV	1587	32418	0.79%	0.275%
152	11.344	11.328	11.366	VV	413	6622	0.16%	0.056%
153	11.393	11.366	11.455	VV	366	8744	0.21%	0.074%
154	11.473	11.455	11.497	VV	188	3552	0.09%	0.030%
155	11.524	11.497	11.558	VV	1527	21631	0.53%	0.184%
156	11.594	11.558	11.623	VV	1977	27318	0.66%	0.232%
157	11.688	11.623	11.731	VV	482	12811	0.31%	0.109%
158	11.752	11.731	11.771	VV	138	2184	0.05%	0.019%
159	11.794	11.771	11.808	PV	125	2003	0.05%	0.017%
160	11.834	11.808	11.858	VV	160	2720	0.07%	0.023%
161	11.946	11.858	11.962	VV	284	11646	0.28%	0.099%
162	11.984	11.962	12.015	VV	444	8111	0.20%	0.069%
163	12.048	12.015	12.131	VV	390	12495	0.30%	0.106%
164	12.168	12.131	12.176	PV	150	2069	0.05%	0.018%
165	12.264	12.176	12.291	VV	818	22377	0.54%	0.190%
166	12.313	12.291	12.335	VV	227	4365	0.11%	0.037%
167	12.358	12.335	12.381	VV	229	3165	0.08%	0.027%
168	12.399	12.381	12.445	VV	198	5209	0.13%	0.044%
169	12.480	12.445	12.523	VV	461	12062	0.29%	0.102%
170	12.551	12.523	12.574	VV	321	6327	0.15%	0.054%
171	12.595	12.574	12.608	VV	339	4400	0.11%	0.037%
172	12.633	12.608	12.664	VV	781	13582	0.33%	0.115%
173	12.680	12.664	12.694	VV	282	4162	0.10%	0.035%
174	12.720	12.694	12.740	VV	447	9386	0.23%	0.080%
175	12.764	12.740	12.798	VV	1086	17987	0.44%	0.153%
176	12.848	12.798	12.877	VV	882	15615	0.38%	0.133%
177	12.908	12.877	12.954	VV	1909	27187	0.66%	0.231%
178	12.980	12.954	13.004	VV	160	3842	0.09%	0.033%
179	13.027	13.004	13.141	VV	263	5586	0.14%	0.047%
180	13.188	13.141	13.221	PV	190	5816	0.14%	0.049%
181	13.235	13.221	13.245	VV	172	1637	0.04%	0.014%
182	13.270	13.245	13.288	VV	230	3622	0.09%	0.031%
183	13.357	13.288	13.454	VV	339805	4115204	100.00%	34.930%
184	13.466	13.454	13.496	VV	538	10689	0.26%	0.091%
185	13.524	13.496	13.568	VV	970	23879	0.58%	0.203%
186	13.589	13.568	13.625	VV	444	10800	0.26%	0.092%
187	13.637	13.625	13.648	VV	282	3246	0.08%	0.028%
188	13.655	13.648	13.673	VV	256	2967	0.07%	0.025%
189	13.691	13.673	13.703	VV	228	3449	0.08%	0.029%
190	13.742	13.703	13.771	VV	281	9163	0.22%	0.078%
191	13.794	13.771	13.839	VV	425	11766	0.29%	0.100%
192	13.865	13.839	13.887	VV	248	5389	0.13%	0.046%
193	13.925	13.887	13.935	VV	288	5630	0.14%	0.048%
194	13.964	13.935	14.001	VV	317	9215	0.22%	0.078%

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195	14.058	14.001	14.083	VV	909	16248	0.39%	0.138%
196	14.111	14.083	14.165	VV	1819	26682	0.65%	0.226%
197	14.171	14.165	14.214	VV	130	1925	0.05%	0.016%
198	14.225	14.214	14.234	VV	82	573	0.01%	0.005%
199	14.252	14.234	14.275	VV	105	1121	0.03%	0.010%
200	14.290	14.275	14.307	PV	43	659	0.02%	0.006%
201	14.350	14.307	14.375	VV	213	6069	0.15%	0.052%
202	14.381	14.375	14.425	VV	162	3929	0.10%	0.033%
203	14.441	14.425	14.461	VV	168	2974	0.07%	0.025%
204	14.478	14.461	14.501	VV	238	4031	0.10%	0.034%
205	14.549	14.501	14.577	VV	1118	20396	0.50%	0.173%
206	14.627	14.577	14.651	VV	380	13813	0.34%	0.117%
207	14.675	14.651	14.721	VV	1237	22996	0.56%	0.195%
208	14.747	14.721	14.765	VV	385	7807	0.19%	0.066%
209	14.828	14.765	14.865	VV	363	18421	0.45%	0.156%
210	14.879	14.865	14.914	VV	381	8365	0.20%	0.071%
211	14.935	14.914	14.945	VV	290	5075	0.12%	0.043%
212	14.997	14.945	15.043	VV	413	16938	0.41%	0.144%
213	15.057	15.043	15.113	VV	323	9457	0.23%	0.080%
214	15.172	15.113	15.192	VV	870	17532	0.43%	0.149%
215	15.218	15.192	15.249	VV	2178	32985	0.80%	0.280%
216	15.262	15.249	15.328	VV	297	5980	0.15%	0.051%
217	15.336	15.328	15.361	VV	102	1213	0.03%	0.010%
218	15.381	15.361	15.431	PV	160	2537	0.06%	0.022%
219	15.523	15.431	15.546	VV	81	3116	0.08%	0.026%
220	15.555	15.546	15.590	VV	88	981	0.02%	0.008%
221	15.640	15.590	15.651	PV	105	2330	0.06%	0.020%
222	15.698	15.651	15.710	VV	212	3634	0.09%	0.031%
223	15.740	15.710	15.774	VV	2135	32784	0.80%	0.278%
224	15.798	15.774	15.812	VV	268	4024	0.10%	0.034%
225	15.825	15.812	15.855	VV	202	3218	0.08%	0.027%
226	16.058	15.855	16.076	VV	429	34993	0.85%	0.297%
227	16.085	16.076	16.094	VV	376	3938	0.10%	0.033%
228	16.110	16.094	16.128	VV	413	6933	0.17%	0.059%
229	16.138	16.128	16.152	VV	361	4226	0.10%	0.036%
230	16.203	16.152	16.217	VV	720	16015	0.39%	0.136%
231	16.242	16.217	16.318	VV	2628	45556	1.11%	0.387%
232	16.425	16.318	16.456	VV	215	7175	0.17%	0.061%
233	16.470	16.456	16.482	PV	110	1030	0.03%	0.009%
234	16.557	16.482	16.568	VV	95	2745	0.07%	0.023%
235	16.632	16.568	16.640	VV	206	4655	0.11%	0.040%
236	16.688	16.640	16.697	VV	374	7388	0.18%	0.063%
237	16.727	16.697	16.768	VV	2863	46424	1.13%	0.394%
238	16.809	16.768	16.818	VV	324	8983	0.22%	0.076%
239	16.894	16.818	16.960	VV	506	29359	0.71%	0.249%
240	16.975	16.960	16.984	VV	354	4428	0.11%	0.038%
241	17.027	16.984	17.054	VV	447	13652	0.33%	0.116%
242	17.071	17.054	17.101	VV	377	7935	0.19%	0.067%
243	17.195	17.101	17.265	VV	2922	57956	1.41%	0.492%
244	17.354	17.265	17.376	VV	243	8922	0.22%	0.076%
245	17.440	17.376	17.469	PV	232	7070	0.17%	0.060%
246	17.566	17.469	17.575	VV	231	10737	0.26%	0.091%

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247	17.647	17.575	17.684	VV	4180	68805	1.67%	0.584%
248	17.696	17.684	17.702	VV	217	2391	0.06%	0.020%
249	17.767	17.702	17.781	VV	417	16389	0.40%	0.139%
250	17.897	17.781	17.915	VV	491	29003	0.70%	0.246%
251	17.936	17.915	17.956	VV	345	7788	0.19%	0.066%
252	18.084	17.956	18.121	VV	4093	89453	2.17%	0.759%
253	18.131	18.121	18.139	VV	473	4172	0.10%	0.035%
254	18.229	18.139	18.251	VV	809	37961	0.92%	0.322%
255	18.258	18.251	18.291	VV	857	16376	0.40%	0.139%
256	18.300	18.291	18.314	VV	692	8200	0.20%	0.070%
257	18.357	18.314	18.391	VV	784	26627	0.65%	0.226%
258	18.407	18.391	18.436	VV	431	8211	0.20%	0.070%
259	18.509	18.436	18.546	VV	5038	82170	2.00%	0.697%
260	18.601	18.546	18.621	VV	741	24049	0.58%	0.204%
261	18.651	18.621	18.680	VV	600	17358	0.42%	0.147%
262	18.721	18.680	18.736	VV	582	15478	0.38%	0.131%
263	18.772	18.736	18.811	VV	577	20443	0.50%	0.174%
264	18.817	18.811	18.845	VV	322	4865	0.12%	0.041%
265	18.919	18.845	18.973	VV	4107	72393	1.76%	0.614%
266	19.076	18.973	19.088	PV	278	12844	0.31%	0.109%
267	19.175	19.088	19.185	VV	1111	38631	0.94%	0.328%
268	19.233	19.185	19.262	VV	1345	49898	1.21%	0.424%
269	19.318	19.262	19.388	VV	5046	121453	2.95%	1.031%
270	19.566	19.388	19.584	VV	1873	138468	3.36%	1.175%
271	19.614	19.584	19.664	VV	1766	71964	1.75%	0.611%
272	19.705	19.664	19.777	VV	4621	143678	3.49%	1.220%
273	19.891	19.777	19.913	VV	2070	142848	3.47%	1.213%
274	19.938	19.913	19.969	VV	1881	59527	1.45%	0.505%
275	19.992	19.969	20.018	VV	1736	46105	1.12%	0.391%
276	20.082	20.018	20.164	VV	4315	175621	4.27%	1.491%
277	20.317	20.164	20.335	VV	3317	211812	5.15%	1.798%
278	20.390	20.335	20.413	VV	3283	149351	3.63%	1.268%
279	20.447	20.413	20.481	VV	4914	142934	3.47%	1.213%
280	20.632	20.481	20.740	VV	6051	702376	17.07%	5.962%
281	20.806	20.740	20.828	VV	5583	243730	5.92%	2.069%
282	20.891	20.828	20.983	VV	5787	471561	11.46%	4.003%
283	21.038	20.983	21.051	VV	4017	158003	3.84%	1.341%
284	21.059	21.051	21.073	VV	4044	52267	1.27%	0.444%
285	21.186	21.073	21.249	VV	4745	389273	9.46%	3.304%
286	21.359	21.249	21.381	VV	3350	212547	5.16%	1.804%
287	21.450	21.381	21.468	VV	3212	167942	4.08%	1.426%
288	21.500	21.468	21.593	VV	3080	169936	4.13%	1.442%
289	21.788	21.593	21.959	VV	2860	412837	10.03%	3.504%
Sum of corrected areas:					11781186			

Aliphatic EPH 030325.M Tue Mar 11 06:28:22 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015642.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 23:08
 Operator : YP\AJ
 Sample : Q1514-03
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 ENV-105-SB02

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Mar 11 03:27:29 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	5960858	51.204 ug/ml
Spiked Amount 50.000		Recovery =	102.41%
6) S 2-Fluorobiphenyl (SURR)	8.874	3536543	49.648 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.30%
11) S ortho-Terphenyl (SURR)	11.933	3740615	25.428 ug/ml
Spiked Amount 50.000		Recovery =	50.86%

Target Compounds

(f)=RT Delta > 1/2 Window

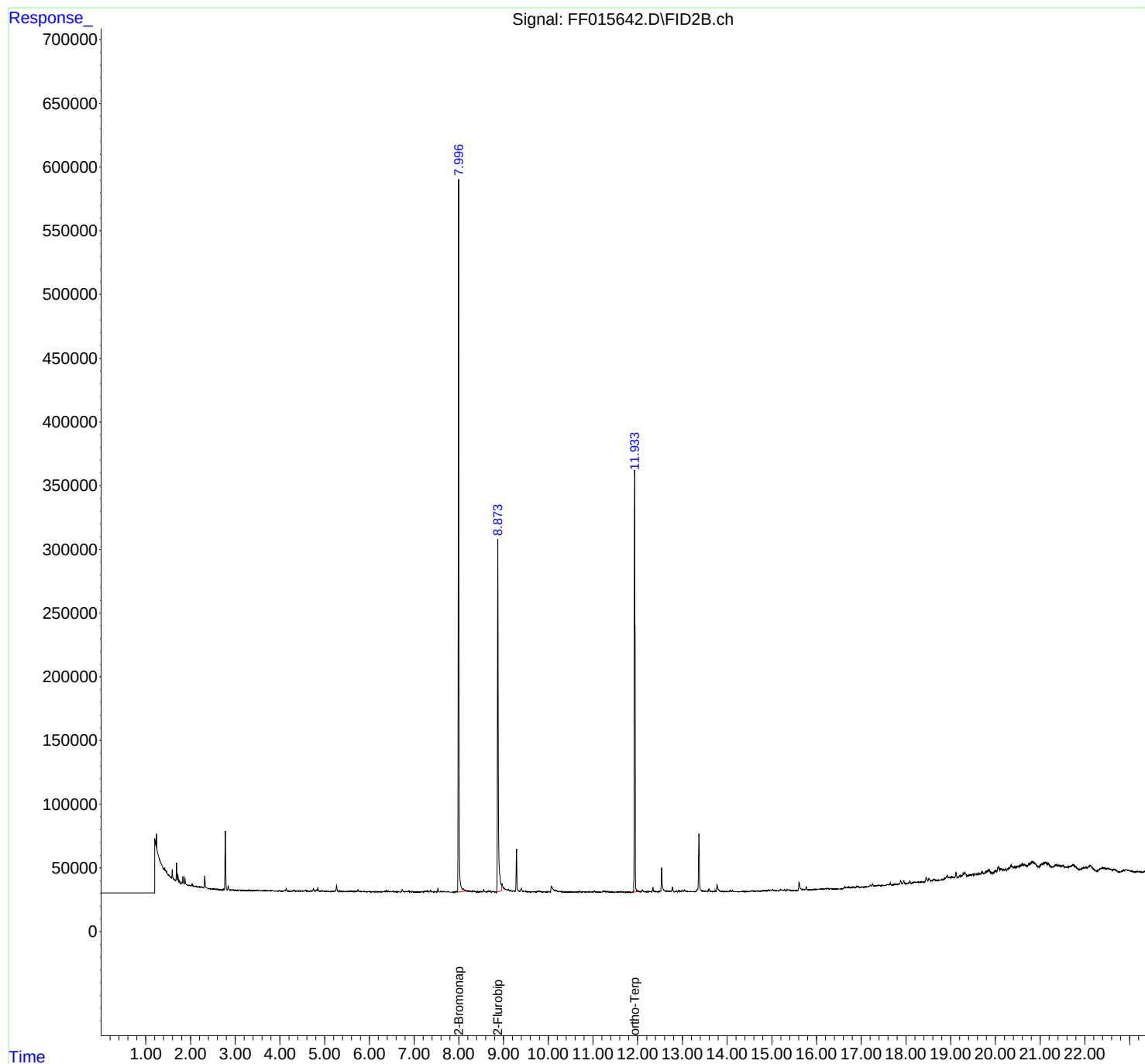
(m)=manual int.

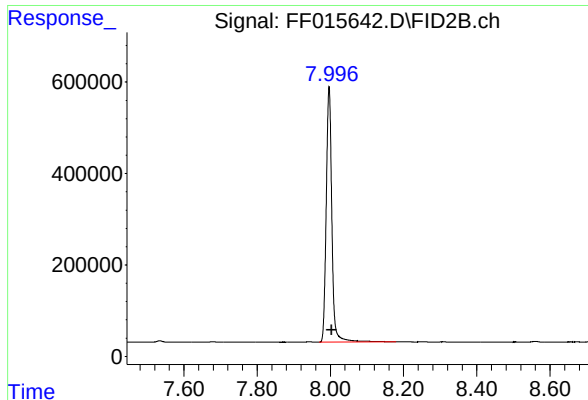
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
Data File : FF015642.D
Signal(s) : FID2B.ch
Acq On : 10 Mar 2025 23:08
Operator : YP\AJ
Sample : Q1514-03
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
ENV-105-SB02

Integration File: autoint1.e
Quant Time: Mar 11 03:27:29 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

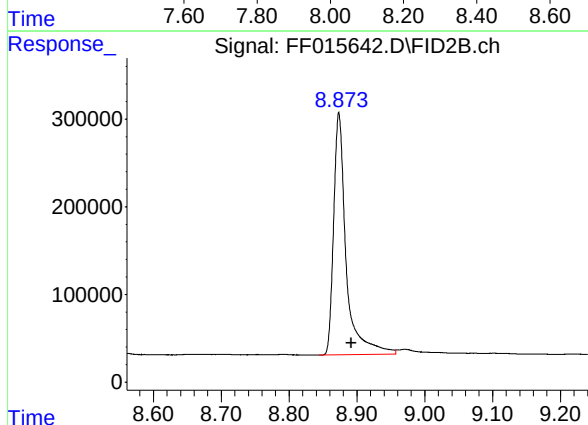




#4 2-Bromonaphthalene (SURR)

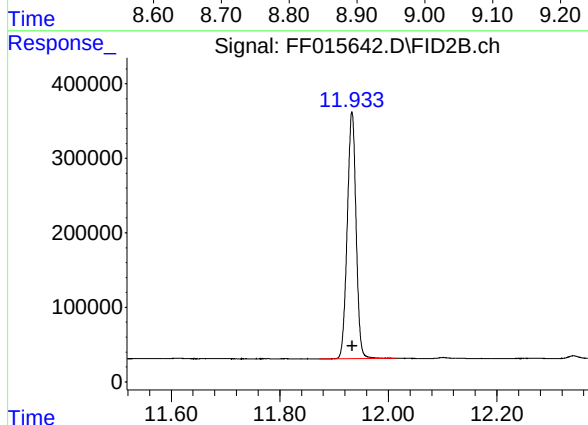
R.T.: 7.997 min
Delta R.T.: -0.007 min
Response: 5960858
Conc: 51.20 ug/ml

Instrument :
FID_F
ClientSampleId :
ENV-105-SB02



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.874 min
Delta R.T.: -0.018 min
Response: 3536543
Conc: 49.65 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: 0.000 min
Response: 3740615
Conc: 25.43 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015642.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 23:08
 Sample : Q1514-03
 Misc :
 ALS Vial : 84 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	4.450	4.432	4.479	PV	134	1092	0.02%	0.006%
2	4.517	4.497	4.523	VV	141	1318	0.02%	0.007%
3	4.569	4.540	4.631	PV	1089	18542	0.31%	0.097%
4	4.637	4.631	4.666	VV	144	1484	0.02%	0.008%
5	4.693	4.666	4.719	PV	472	6261	0.10%	0.033%
6	4.753	4.719	4.786	VV	2000	30937	0.51%	0.162%
7	4.790	4.786	4.801	VV	299	2311	0.04%	0.012%
8	4.817	4.801	4.832	VV	1356	14879	0.25%	0.078%
9	4.850	4.832	4.892	VV	2677	31516	0.52%	0.165%
10	4.937	4.921	4.966	VV	617	9792	0.16%	0.051%
11	4.978	4.966	5.021	VV	358	6475	0.11%	0.034%
12	5.060	5.029	5.104	VV	472	7822	0.13%	0.041%
13	5.115	5.104	5.142	VV	105	1224	0.02%	0.006%
14	5.177	5.142	5.191	VV	315	3721	0.06%	0.019%
15	5.266	5.206	5.305	VV	4903	72198	1.19%	0.378%
16	5.329	5.305	5.362	VV	936	12985	0.21%	0.068%
17	5.368	5.362	5.413	VV	135	2097	0.03%	0.011%
18	5.446	5.437	5.461	PV	118	1129	0.02%	0.006%
19	5.475	5.461	5.515	VV	229	4044	0.07%	0.021%
20	5.543	5.515	5.572	VV	528	13032	0.22%	0.068%
21	5.585	5.572	5.593	VV	437	4761	0.08%	0.025%
22	5.598	5.593	5.643	VV	391	7974	0.13%	0.042%
23	5.647	5.643	5.654	VV	208	1206	0.02%	0.006%
24	5.666	5.654	5.685	VV	283	4252	0.07%	0.022%
25	5.705	5.685	5.727	VV	611	9614	0.16%	0.050%
26	5.747	5.727	5.785	VV	1639	21221	0.35%	0.111%
27	5.805	5.794	5.887	VV	467	11293	0.19%	0.059%
28	5.890	5.887	5.946	VV	248	4496	0.07%	0.024%
29	5.973	5.946	5.990	VV	204	3647	0.06%	0.019%
30	6.013	6.000	6.043	VV	335	4958	0.08%	0.026%
31	6.065	6.043	6.074	VV	178	2568	0.04%	0.013%
32	6.080	6.074	6.104	VV	204	2378	0.04%	0.012%
33	6.109	6.104	6.145	VV	142	2734	0.05%	0.014%
34	6.174	6.159	6.195	VV	142	2100	0.03%	0.011%
35	6.235	6.220	6.247	VV	133	1829	0.03%	0.010%
36	6.254	6.247	6.266	VV	188	1737	0.03%	0.009%

					rt	Area	%Area	%Area
37	6.288	6.266	6.294	VV	316	3532	0.06%	0.018%
38	6.298	6.294	6.306	VV	214	1440	0.02%	0.008%
39	6.338	6.306	6.359	VV	676	13313	0.22%	0.070%
40	6.380	6.359	6.427	VV	1221	23486	0.39%	0.123%
41	6.445	6.427	6.474	VV	669	11494	0.19%	0.060%
42	6.480	6.474	6.483	VV	267	1141	0.02%	0.006%
43	6.515	6.483	6.548	VV	651	15488	0.26%	0.081%
44	6.557	6.548	6.567	VV	218	1979	0.03%	0.010%
45	6.569	6.567	6.592	VV	184	1924	0.03%	0.010%
46	6.617	6.592	6.661	VV	268	8472	0.14%	0.044%
47	6.674	6.669	6.692	VV	174	1983	0.03%	0.010%
48	6.697	6.692	6.714	VV	186	1578	0.03%	0.008%
49	6.735	6.714	6.796	VV	2095	34373	0.57%	0.180%
50	6.818	6.796	6.837	VV	736	9751	0.16%	0.051%
51	6.857	6.837	6.866	VV	553	5504	0.09%	0.029%
52	6.886	6.866	6.906	VV	1323	16669	0.28%	0.087%
53	6.920	6.906	6.941	VV	437	5733	0.09%	0.030%
54	6.961	6.941	6.984	VV	750	9760	0.16%	0.051%
55	6.999	6.992	7.034	VV	175	2775	0.05%	0.015%
56	7.069	7.049	7.091	VV	306	2449	0.04%	0.013%
57	7.108	7.099	7.143	VV	159	2624	0.04%	0.014%
58	7.187	7.167	7.213	VV	807	9881	0.16%	0.052%
59	7.240	7.213	7.259	VV	863	13591	0.22%	0.071%
60	7.263	7.259	7.274	VV	581	4764	0.08%	0.025%
61	7.290	7.274	7.301	VV	948	11827	0.20%	0.062%
62	7.310	7.301	7.340	VV	780	11862	0.20%	0.062%
63	7.370	7.340	7.407	VV	1555	25880	0.43%	0.135%
64	7.413	7.407	7.442	VV	280	4356	0.07%	0.023%
65	7.478	7.442	7.509	VV	474	11687	0.19%	0.061%
66	7.534	7.509	7.569	VV	3193	39403	0.65%	0.206%
67	7.597	7.569	7.607	VV	583	9335	0.15%	0.049%
68	7.610	7.607	7.632	VV	492	5994	0.10%	0.031%
69	7.642	7.632	7.657	VV	559	6880	0.11%	0.036%
70	7.679	7.657	7.703	VV	855	14602	0.24%	0.076%
71	7.740	7.703	7.755	VV	438	9373	0.15%	0.049%
72	7.770	7.755	7.790	VV	647	8246	0.14%	0.043%
73	7.814	7.798	7.821	VV	150	1334	0.02%	0.007%
74	7.839	7.821	7.875	VV	154	2615	0.04%	0.014%
75	7.941	7.875	7.968	PV	1066	18844	0.31%	0.099%
76	7.997	7.968	8.199	VV	558988	6047079	100.00%	31.632%
77	8.206	8.199	8.235	VV	987	18056	0.30%	0.094%
78	8.252	8.235	8.283	VV	1209	22858	0.38%	0.120%
79	8.288	8.283	8.290	VV	571	2207	0.04%	0.012%
80	8.310	8.290	8.335	VV	946	18102	0.30%	0.095%
81	8.348	8.335	8.392	VV	664	18020	0.30%	0.094%
82	8.395	8.392	8.406	VV	391	2965	0.05%	0.016%
83	8.423	8.406	8.429	VV	423	5400	0.09%	0.028%
84	8.434	8.429	8.457	VV	439	6369	0.11%	0.033%
85	8.468	8.457	8.483	VV	558	7241	0.12%	0.038%
86	8.505	8.483	8.538	VV	776	16790	0.28%	0.088%
87	8.560	8.538	8.632	VV	2081	38173	0.63%	0.200%
88	8.655	8.632	8.663	VV	770	10261	0.17%	0.054%
89	8.671	8.663	8.692	VV	819	12431	0.21%	0.065%

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90	8.704	8.692	8.739	VV	758	14196	0.23%	0.074%
91	8.753	8.739	8.774	VV	560	9042	0.15%	0.047%
92	8.794	8.774	8.830	VV	715	11563	0.19%	0.060%
93	8.874	8.846	8.957	VV	275489	3578289	59.17%	18.718%
94	8.971	8.957	9.012	VV	6528	155174	2.57%	0.812%
95	9.017	9.012	9.044	VV	2958	49478	0.82%	0.259%
96	9.047	9.044	9.064	VV	2251	25964	0.43%	0.136%
97	9.075	9.064	9.086	VV	2099	25804	0.43%	0.135%
98	9.102	9.086	9.147	VV	2064	61991	1.03%	0.324%
99	9.167	9.147	9.185	VV	1237	24597	0.41%	0.129%
100	9.191	9.185	9.202	VV	872	8435	0.14%	0.044%
101	9.219	9.202	9.251	VV	1218	26933	0.45%	0.141%
102	9.292	9.251	9.365	VV	34178	419561	6.94%	2.195%
103	9.399	9.365	9.453	VV	2911	72611	1.20%	0.380%
104	9.473	9.453	9.506	VV	1119	23562	0.39%	0.123%
105	9.523	9.506	9.557	VV	599	14815	0.24%	0.077%
106	9.574	9.557	9.596	VV	549	10581	0.17%	0.055%
107	9.612	9.596	9.622	VV	453	6725	0.11%	0.035%
108	9.631	9.622	9.657	VV	548	8156	0.13%	0.043%
109	9.671	9.657	9.679	VV	514	5809	0.10%	0.030%
110	9.683	9.679	9.706	VV	567	7470	0.12%	0.039%
111	9.710	9.706	9.717	VV	267	1663	0.03%	0.009%
112	9.751	9.717	9.775	VV	829	15546	0.26%	0.081%
113	9.792	9.775	9.838	VV	1024	25465	0.42%	0.133%
114	9.851	9.838	9.879	VV	507	8834	0.15%	0.046%
115	9.899	9.879	9.922	VV	569	10160	0.17%	0.053%
116	9.935	9.922	9.939	VV	433	3770	0.06%	0.020%
117	9.951	9.939	9.976	VV	517	8448	0.14%	0.044%
118	10.009	9.976	10.040	VV	627	15191	0.25%	0.079%
119	10.044	10.040	10.049	VV	209	1037	0.02%	0.005%
120	10.072	10.049	10.152	VV	5048	159834	2.64%	0.836%
121	10.168	10.152	10.224	VV	1733	45936	0.76%	0.240%
122	10.234	10.224	10.266	VV	753	16896	0.28%	0.088%
123	10.274	10.266	10.309	VV	628	12938	0.21%	0.068%
124	10.311	10.309	10.330	VV	499	4653	0.08%	0.024%
125	10.339	10.330	10.356	VV	451	4992	0.08%	0.026%
126	10.400	10.356	10.427	VV	357	9976	0.16%	0.052%
127	10.449	10.427	10.462	VV	281	4333	0.07%	0.023%
128	10.491	10.462	10.527	VV	396	9793	0.16%	0.051%
129	10.562	10.527	10.580	VV	347	6383	0.11%	0.033%
130	10.594	10.580	10.612	VV	366	4776	0.08%	0.025%
131	10.631	10.612	10.641	VV	380	4764	0.08%	0.025%
132	10.645	10.641	10.669	VV	303	3681	0.06%	0.019%
133	10.691	10.669	10.712	VV	877	12733	0.21%	0.067%
134	10.721	10.712	10.751	VV	319	6337	0.10%	0.033%
135	10.791	10.751	10.796	VV	553	11837	0.20%	0.062%
136	10.799	10.796	10.824	VV	532	6423	0.11%	0.034%
137	10.846	10.824	10.869	VV	455	8879	0.15%	0.046%
138	10.885	10.869	10.896	VV	408	5032	0.08%	0.026%
139	10.911	10.896	10.942	VV	503	9743	0.16%	0.051%
140	10.964	10.942	10.976	VV	409	5291	0.09%	0.028%
141	10.989	10.976	11.004	VV	266	3994	0.07%	0.021%

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142	11.035	11.004	11.074	VV	1172	21884	0.36%	0.114%
143	11.081	11.074	11.091	VV	194	1689	0.03%	0.009%
144	11.106	11.091	11.119	VV	348	4186	0.07%	0.022%
145	11.130	11.119	11.176	VV	295	6156	0.10%	0.032%
146	11.185	11.176	11.206	VV	160	2179	0.04%	0.011%
147	11.229	11.206	11.263	VV	818	20713	0.34%	0.108%
148	11.276	11.263	11.296	VV	627	10931	0.18%	0.057%
149	11.298	11.296	11.317	VV	479	5289	0.09%	0.028%
150	11.333	11.317	11.382	VV	659	15714	0.26%	0.082%
151	11.389	11.382	11.409	VV	332	3831	0.06%	0.020%
152	11.417	11.409	11.426	VV	291	2157	0.04%	0.011%
153	11.428	11.426	11.446	VV	229	2124	0.04%	0.011%
154	11.451	11.446	11.468	VV	133	1380	0.02%	0.007%
155	11.497	11.479	11.506	VV	147	1616	0.03%	0.008%
156	11.547	11.506	11.569	VV	431	8776	0.15%	0.046%
157	11.583	11.569	11.593	VV	353	4231	0.07%	0.022%
158	11.611	11.593	11.650	VV	872	14147	0.23%	0.074%
159	11.672	11.650	11.676	VV	234	2726	0.05%	0.014%
160	11.692	11.676	11.751	VV	378	7534	0.12%	0.039%
161	11.772	11.751	11.794	VV	185	2560	0.04%	0.013%
162	11.810	11.794	11.826	VV	168	1813	0.03%	0.009%
163	11.839	11.826	11.881	VV	146	1064	0.02%	0.006%
164	11.933	11.881	11.996	PV	331936	3761941	62.21%	19.679%
165	12.000	11.996	12.031	VV	1025	17085	0.28%	0.089%
166	12.035	12.031	12.060	VV	642	8908	0.15%	0.047%
167	12.101	12.060	12.161	VV	1792	45923	0.76%	0.240%
168	12.172	12.161	12.196	VV	488	8275	0.14%	0.043%
169	12.203	12.196	12.215	VV	406	4135	0.07%	0.022%
170	12.242	12.215	12.257	VV	596	11552	0.19%	0.060%
171	12.274	12.257	12.304	VV	703	14014	0.23%	0.073%
172	12.341	12.304	12.374	VV	3989	64793	1.07%	0.339%
173	12.379	12.374	12.407	VV	640	11058	0.18%	0.058%
174	12.410	12.407	12.427	VV	545	5191	0.09%	0.027%
175	12.433	12.427	12.462	VV	405	6494	0.11%	0.034%
176	12.499	12.462	12.513	VV	977	19401	0.32%	0.101%
177	12.534	12.513	12.629	VV	19108	309155	5.11%	1.617%
178	12.634	12.629	12.653	VV	928	12713	0.21%	0.067%
179	12.659	12.653	12.676	VV	902	11564	0.19%	0.060%
180	12.681	12.676	12.709	VV	814	13922	0.23%	0.073%
181	12.715	12.709	12.736	VV	681	9784	0.16%	0.051%
182	12.781	12.736	12.821	VV	3834	66726	1.10%	0.349%
183	12.860	12.821	12.898	VV	1151	24430	0.40%	0.128%
184	12.922	12.898	12.967	VV	1482	28954	0.48%	0.151%
185	12.988	12.967	13.020	VV	1185	26063	0.43%	0.136%
186	13.042	13.020	13.132	VV	1466	48784	0.81%	0.255%
187	13.135	13.132	13.142	VV	310	1748	0.03%	0.009%
188	13.169	13.142	13.196	VV	361	9068	0.15%	0.047%
189	13.207	13.196	13.230	VV	317	5602	0.09%	0.029%
190	13.246	13.230	13.267	VV	338	5986	0.10%	0.031%
191	13.329	13.267	13.339	VV	2038	33685	0.56%	0.176%
192	13.368	13.339	13.487	VV	45798	672667	11.12%	3.519%
193	13.501	13.487	13.507	VV	499	5674	0.09%	0.030%
194	13.528	13.507	13.571	VV	602	17798	0.29%	0.093%

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195	13.594	13.571	13.629	VV	2538	41581	0.69%	0.218%
196	13.643	13.629	13.666	VV	442	7799	0.13%	0.041%
197	13.671	13.666	13.701	VV	346	4843	0.08%	0.025%
198	13.733	13.701	13.752	VV	770	8364	0.14%	0.044%
199	13.774	13.752	13.855	VV	5730	116916	1.93%	0.612%
200	13.866	13.855	13.892	VV	421	7266	0.12%	0.038%
201	13.910	13.892	13.930	VV	384	6396	0.11%	0.033%
202	13.938	13.930	13.942	VV	299	1939	0.03%	0.010%
203	13.947	13.942	13.954	VV	366	1926	0.03%	0.010%
204	13.984	13.954	14.017	VV	416	9368	0.15%	0.049%
205	14.032	14.017	14.039	VV	192	1625	0.03%	0.008%
206	14.072	14.039	14.097	VV	978	17732	0.29%	0.093%
207	14.121	14.097	14.161	VV	924	15312	0.25%	0.080%
208	14.175	14.168	14.207	VV	128	1759	0.03%	0.009%
209	14.229	14.223	14.277	VV	100	1013	0.02%	0.005%
210	14.328	14.304	14.336	VV	129	1186	0.02%	0.006%
211	14.353	14.345	14.412	VV	157	3744	0.06%	0.020%
212	14.421	14.412	14.441	VV	104	1215	0.02%	0.006%
213	14.452	14.441	14.462	VV	129	1389	0.02%	0.007%
214	14.565	14.477	14.625	VV	673	27832	0.46%	0.146%
215	14.632	14.625	14.637	VV	302	1829	0.03%	0.010%
216	14.645	14.637	14.664	VV	308	4157	0.07%	0.022%
217	14.687	14.664	14.715	VV	351	7568	0.13%	0.040%
218	14.737	14.715	14.743	VV	333	4356	0.07%	0.023%
219	14.748	14.743	14.754	VV	294	1674	0.03%	0.009%
220	14.790	14.754	14.799	VV	424	8413	0.14%	0.044%
221	14.834	14.799	14.876	VV	535	18486	0.31%	0.097%
222	14.895	14.876	14.907	VV	398	6286	0.10%	0.033%
223	14.936	14.907	14.974	VV	1262	25553	0.42%	0.134%
224	15.013	14.974	15.061	VV	1305	32862	0.54%	0.172%
225	15.069	15.061	15.082	VV	399	4020	0.07%	0.021%
226	15.090	15.082	15.128	VV	302	4809	0.08%	0.025%
227	15.149	15.128	15.155	VV	163	2330	0.04%	0.012%
228	15.190	15.155	15.204	VV	898	16033	0.27%	0.084%
229	15.226	15.204	15.258	VV	1008	19504	0.32%	0.102%
230	15.279	15.258	15.321	VV	1072	18034	0.30%	0.094%
231	15.342	15.321	15.373	VV	1241	20913	0.35%	0.109%
232	15.394	15.373	15.449	VV	767	15355	0.25%	0.080%
233	15.457	15.449	15.466	VV	155	1024	0.02%	0.005%
234	15.472	15.466	15.487	VV	127	1140	0.02%	0.006%
235	15.536	15.522	15.547	PV	195	1583	0.03%	0.008%
236	15.610	15.547	15.691	VV	6618	144022	2.38%	0.753%
237	15.711	15.691	15.737	VV	945	20839	0.34%	0.109%
238	15.768	15.737	15.798	VV	2718	46736	0.77%	0.244%
239	15.806	15.798	15.844	VV	420	9369	0.15%	0.049%
240	15.884	15.844	15.899	VV	430	10170	0.17%	0.053%
241	15.920	15.899	15.924	VV	402	5328	0.09%	0.028%
242	15.929	15.924	15.939	VV	473	3583	0.06%	0.019%
243	15.972	15.939	15.999	VV	565	16155	0.27%	0.085%
244	16.018	15.999	16.023	VV	505	6156	0.10%	0.032%
245	16.046	16.023	16.052	VV	578	9012	0.15%	0.047%
246	16.088	16.052	16.094	VV	559	12331	0.20%	0.065%

					rteres			
247	16.138	16.094	16.162	VV	657	21163	0.35%	0.111%
248	16.172	16.162	16.177	VV	527	4077	0.07%	0.021%
249	16.183	16.177	16.192	VV	554	4666	0.08%	0.024%
250	16.210	16.192	16.229	VV	805	13685	0.23%	0.072%
251	16.248	16.229	16.286	VV	1036	21254	0.35%	0.111%
252	16.316	16.286	16.372	VV	630	17875	0.30%	0.094%
253	16.379	16.372	16.409	VV	232	3102	0.05%	0.016%
254	16.430	16.409	16.436	VV	201	2093	0.03%	0.011%
255	16.488	16.459	16.492	VV	101	1202	0.02%	0.006%
256	16.538	16.517	16.543	PV	136	1179	0.02%	0.006%
257	16.552	16.543	16.562	PV	164	1111	0.02%	0.006%
258	16.630	16.562	16.669	VV	1466	37141	0.61%	0.194%
259	16.682	16.669	16.699	VV	805	12456	0.21%	0.065%
260	16.729	16.699	16.756	VV	967	25534	0.42%	0.134%
261	16.774	16.756	16.786	VV	508	8271	0.14%	0.043%
262	16.791	16.786	16.796	VV	473	2535	0.04%	0.013%
263	16.819	16.796	16.839	VV	958	18080	0.30%	0.095%
264	16.845	16.839	16.861	VV	515	5675	0.09%	0.030%
265	16.867	16.861	16.869	VV	365	1549	0.03%	0.008%
266	16.899	16.869	16.912	VV	1026	19089	0.32%	0.100%
267	16.919	16.912	16.973	VV	878	19503	0.32%	0.102%
268	16.982	16.973	16.999	VV	272	3381	0.06%	0.018%
269	17.005	16.999	17.019	VV	265	1798	0.03%	0.009%
270	17.033	17.019	17.039	VV	155	1036	0.02%	0.005%
271	17.055	17.039	17.059	VV	143	1140	0.02%	0.006%
272	17.065	17.059	17.072	VV	175	1094	0.02%	0.006%
273	17.088	17.072	17.104	VV	289	4061	0.07%	0.021%
274	17.118	17.104	17.146	VV	159	1805	0.03%	0.009%
275	17.169	17.146	17.176	PV	562	6661	0.11%	0.035%
276	17.198	17.176	17.227	VV	1341	23840	0.39%	0.125%
277	17.249	17.227	17.271	VV	2287	34482	0.57%	0.180%
278	17.285	17.271	17.315	VV	688	15064	0.25%	0.079%
279	17.348	17.315	17.363	VV	597	13630	0.23%	0.071%
280	17.384	17.363	17.389	VV	720	8698	0.14%	0.046%
281	17.394	17.389	17.404	VV	603	4831	0.08%	0.025%
282	17.413	17.404	17.429	VV	468	5617	0.09%	0.029%
283	17.434	17.429	17.446	VV	375	2702	0.04%	0.014%
284	17.476	17.446	17.511	VV	332	8162	0.13%	0.043%
285	17.538	17.511	17.544	PV	198	2653	0.04%	0.014%
286	17.586	17.544	17.602	VV	752	17160	0.28%	0.090%
287	17.607	17.602	17.627	VV	593	5897	0.10%	0.031%
288	17.650	17.627	17.675	VV	1481	20842	0.34%	0.109%
289	17.688	17.675	17.714	PV	295	3679	0.06%	0.019%
290	17.750	17.714	17.777	VV	675	15971	0.26%	0.084%
291	17.782	17.777	17.801	VV	333	3639	0.06%	0.019%
292	17.824	17.801	17.836	VV	595	7512	0.12%	0.039%
293	17.880	17.836	17.915	VV	3165	60032	0.99%	0.314%
294	17.949	17.915	17.974	VV	2812	48114	0.80%	0.252%
295	17.981	17.974	17.991	VV	416	2770	0.05%	0.014%
296	18.021	17.991	18.031	VV	474	7408	0.12%	0.039%
297	18.053	18.031	18.057	VV	487	6651	0.11%	0.035%
298	18.086	18.057	18.119	VV	2195	35901	0.59%	0.188%
299	18.141	18.119	18.149	VV	716	7052	0.12%	0.037%

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300	18.188	18.149	18.211	VV	1183	29078	0.48%	0.152%
301	18.213	18.211	18.219	VV	651	2965	0.05%	0.016%
302	18.229	18.219	18.235	VV	747	6523	0.11%	0.034%
303	18.264	18.235	18.273	VV	1007	18460	0.31%	0.097%
304	18.277	18.273	18.287	VV	730	5434	0.09%	0.028%
305	18.299	18.287	18.313	VV	731	9869	0.16%	0.052%
306	18.318	18.313	18.330	VV	623	5262	0.09%	0.028%
307	18.361	18.330	18.398	VV	877	21034	0.35%	0.110%
308	18.417	18.398	18.422	PV	520	4934	0.08%	0.026%
309	18.451	18.422	18.482	VV	3604	74113	1.23%	0.388%
310	18.509	18.482	18.543	VV	2888	67657	1.12%	0.354%
311	18.549	18.543	18.555	VV	904	4928	0.08%	0.026%
312	18.569	18.555	18.582	VV	1014	13885	0.23%	0.073%
313	18.598	18.582	18.618	VV	1338	22054	0.36%	0.115%
314	18.637	18.618	18.651	VV	1386	22304	0.37%	0.117%
315	18.656	18.651	18.669	VV	1041	7977	0.13%	0.042%
316	18.682	18.669	18.697	VV	607	7467	0.12%	0.039%
317	18.706	18.697	18.714	VV	460	3542	0.06%	0.019%
318	18.721	18.714	18.726	VV	473	1846	0.03%	0.010%
319	18.751	18.726	18.766	PV	355	5438	0.09%	0.028%
320	18.780	18.766	18.789	PV	230	1397	0.02%	0.007%

Sum of corrected areas: 19116935

Aromatic EPH 022625.M Tue Mar 11 04:37:56 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052722.D
Signal(s) : FID1B.ch
Acq On : 11 Mar 2025 03:04
Operator : YP\AJ
Sample : Q1514-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
ENV-103-SB01

Integration File: autoint1.e
Quant Time: Mar 11 05:27:38 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	3522443	29.009 ug/ml
Spiked Amount	50.000	Recovery	= 58.02%

Target Compounds

(f)=RT Delta > 1/2 Window

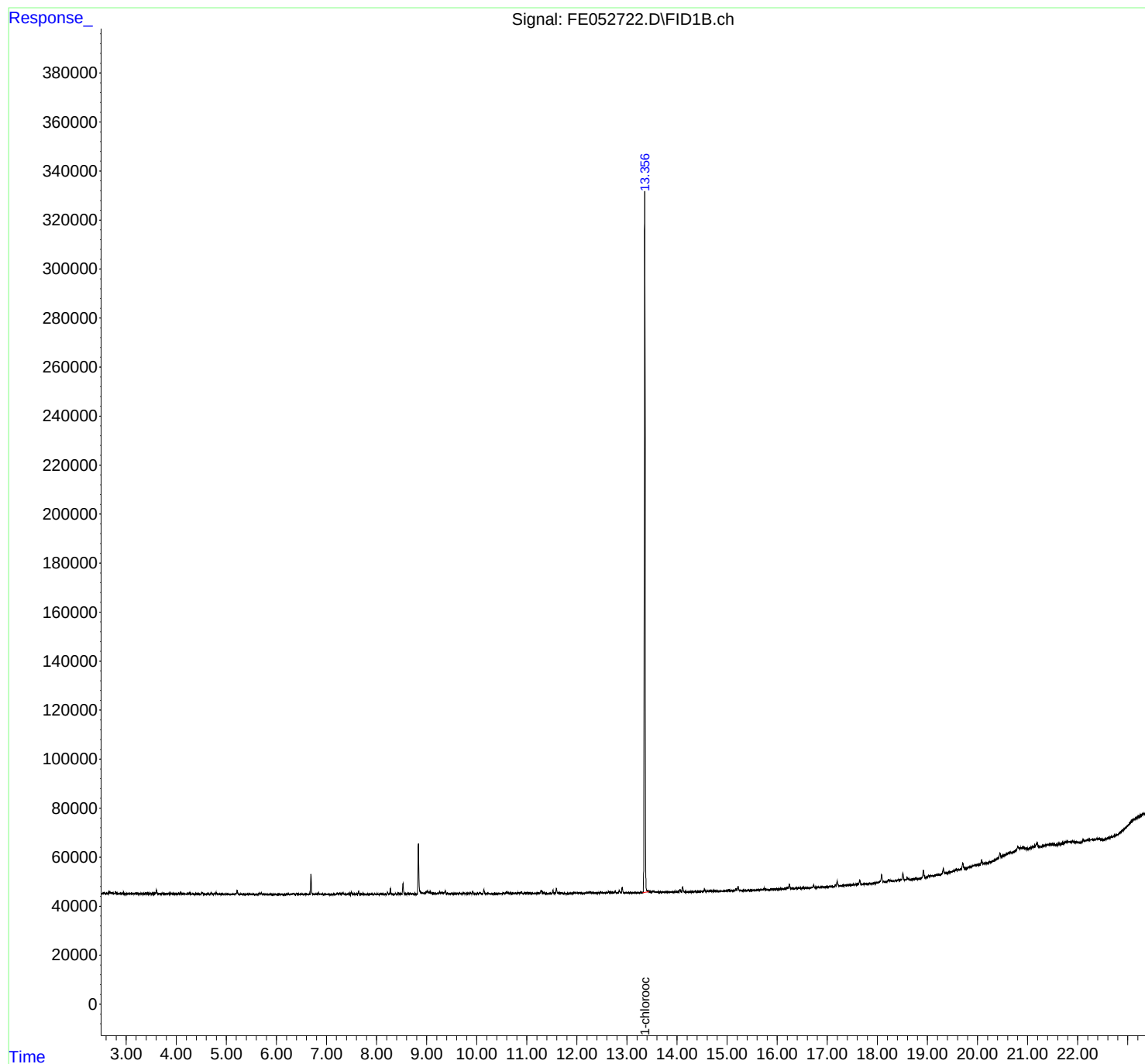
(m)=manual int.

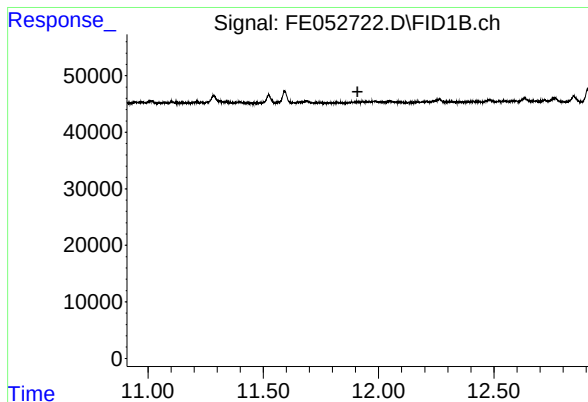
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052722.D
Signal(s) : FID1B.ch
Acq On : 11 Mar 2025 03:04
Operator : YP\AJ
Sample : Q1514-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
ENV-103-SB01

Integration File: autoint1.e
Quant Time: Mar 11 05:27:38 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

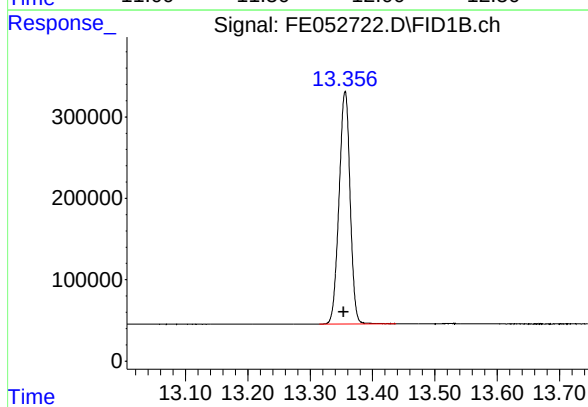




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.909 min
Response: 0
Conc: N.D.

Instrument :
FID_E
ClientSampleId :
ENV-103-SB01



#12 1-chlorooctadecane (SURR)

R.T.: 13.356 min
Delta R.T.: 0.002 min
Response: 3522443
Conc: 29.01 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052722.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2025 03:04
 Sample : Q1514-05
 Misc :
 ALS Vial : 33 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	2.844	2.804	2.871	BV	100	1179	0.03%	0.014%
2	2.884	2.871	2.895	VV	121	1040	0.03%	0.012%
3	2.901	2.895	2.918	VV	102	684	0.02%	0.008%
4	2.943	2.918	3.008	PV	518	6532	0.18%	0.076%
5	3.031	3.008	3.057	VV	115	1841	0.05%	0.021%
6	3.070	3.057	3.084	VV	111	1153	0.03%	0.013%
7	3.096	3.084	3.194	VV	114	3389	0.10%	0.039%
8	3.249	3.194	3.283	VV	201	4603	0.13%	0.053%
9	3.297	3.283	3.328	PV	99	1715	0.05%	0.020%
10	3.369	3.328	3.377	VV	101	2209	0.06%	0.026%
11	3.387	3.377	3.411	VV	149	1709	0.05%	0.020%
12	3.426	3.411	3.438	VV	133	1637	0.05%	0.019%
13	3.451	3.438	3.488	VV	168	2961	0.08%	0.034%
14	3.496	3.488	3.525	VV	143	2201	0.06%	0.026%
15	3.535	3.525	3.570	VV	130	3022	0.09%	0.035%
16	3.606	3.570	3.631	VV	1616	20095	0.57%	0.233%
17	3.641	3.631	3.678	VV	185	3237	0.09%	0.038%
18	3.713	3.678	3.741	VV	150	3788	0.11%	0.044%
19	3.745	3.741	3.780	VV	121	1882	0.05%	0.022%
20	3.789	3.780	3.821	VV	136	2258	0.06%	0.026%
21	3.837	3.821	3.851	VV	129	1647	0.05%	0.019%
22	3.875	3.851	3.888	VV	122	1849	0.05%	0.021%
23	3.893	3.888	3.911	VV	64	940	0.03%	0.011%
24	3.949	3.911	4.018	VV	145	4571	0.13%	0.053%
25	4.049	4.018	4.064	VV	284	3615	0.10%	0.042%
26	4.087	4.064	4.152	VV	594	10805	0.30%	0.125%
27	4.162	4.152	4.205	VV	128	2564	0.07%	0.030%
28	4.253	4.205	4.361	VV	355	13912	0.39%	0.162%
29	4.420	4.361	4.442	VV	183	4857	0.14%	0.056%
30	4.451	4.442	4.483	VV	133	2323	0.07%	0.027%
31	4.515	4.483	4.611	VV	644	16995	0.48%	0.197%
32	4.637	4.611	4.678	VV	237	4912	0.14%	0.057%
33	4.701	4.678	4.747	VV	521	9702	0.27%	0.113%
34	4.764	4.747	4.781	VV	423	4918	0.14%	0.057%
35	4.797	4.781	4.838	VV	804	9811	0.28%	0.114%
36	4.845	4.838	4.859	VV	160	1460	0.04%	0.017%

					rt	Area	%Area	%Area
37	4.878	4.859	4.909	VV	191	3969	0.11%	0.046%
38	4.916	4.909	4.976	VV	167	4503	0.13%	0.052%
39	5.011	4.976	5.041	VV	166	4292	0.12%	0.050%
40	5.047	5.041	5.103	VV	107	2510	0.07%	0.029%
41	5.128	5.103	5.168	VV	147	2953	0.08%	0.034%
42	5.215	5.168	5.254	VV	1713	24373	0.69%	0.283%
43	5.276	5.254	5.319	VV	335	5554	0.16%	0.065%
44	5.337	5.319	5.377	VV	134	2361	0.07%	0.027%
45	5.388	5.377	5.440	PV	70	2733	0.08%	0.032%
46	5.461	5.440	5.485	VV	264	4131	0.12%	0.048%
47	5.494	5.485	5.501	VV	77	730	0.02%	0.008%
48	5.513	5.501	5.539	VV	130	2417	0.07%	0.028%
49	5.548	5.539	5.569	VV	92	1102	0.03%	0.013%
50	5.601	5.569	5.631	PV	161	3386	0.10%	0.039%
51	5.653	5.631	5.670	VV	484	6479	0.18%	0.075%
52	5.697	5.670	5.721	VV	578	10437	0.29%	0.121%
53	5.731	5.721	5.740	VV	138	782	0.02%	0.009%
54	5.760	5.740	5.804	VV	181	3141	0.09%	0.036%
55	5.846	5.804	5.933	VV	187	7304	0.21%	0.085%
56	5.948	5.933	5.987	VV	173	3490	0.10%	0.041%
57	6.002	5.987	6.041	VV	186	3419	0.10%	0.040%
58	6.046	6.041	6.061	VV	129	850	0.02%	0.010%
59	6.070	6.061	6.119	VV	105	1925	0.05%	0.022%
60	6.133	6.119	6.161	PV	121	1760	0.05%	0.020%
61	6.172	6.161	6.184	VV	96	957	0.03%	0.011%
62	6.192	6.184	6.208	VV	87	1018	0.03%	0.012%
63	6.229	6.208	6.268	VV	313	6909	0.19%	0.080%
64	6.289	6.268	6.318	VV	269	4567	0.13%	0.053%
65	6.335	6.318	6.371	VV	529	7702	0.22%	0.089%
66	6.401	6.371	6.433	VV	413	7083	0.20%	0.082%
67	6.477	6.433	6.509	VV	268	7701	0.22%	0.089%
68	6.519	6.509	6.554	VV	205	3926	0.11%	0.046%
69	6.577	6.554	6.629	VV	245	7161	0.20%	0.083%
70	6.641	6.629	6.658	VV	199	2308	0.06%	0.027%
71	6.691	6.658	6.754	VV	8417	95293	2.68%	1.107%
72	6.776	6.754	6.801	VV	356	6077	0.17%	0.071%
73	6.812	6.801	6.828	VV	278	3287	0.09%	0.038%
74	6.846	6.828	6.866	VV	609	7739	0.22%	0.090%
75	6.879	6.866	6.902	VV	230	3596	0.10%	0.042%
76	6.921	6.902	6.954	VV	349	4899	0.14%	0.057%
77	6.972	6.954	6.992	VV	137	1740	0.05%	0.020%
78	7.030	6.992	7.066	PV	145	4054	0.11%	0.047%
79	7.076	7.066	7.088	VV	95	1192	0.03%	0.014%
80	7.147	7.088	7.176	VV	340	6792	0.19%	0.079%
81	7.204	7.176	7.241	VV	504	10977	0.31%	0.127%
82	7.265	7.241	7.294	VV	490	9615	0.27%	0.112%
83	7.330	7.294	7.352	VV	648	13744	0.39%	0.160%
84	7.371	7.352	7.393	VV	321	4408	0.12%	0.051%
85	7.416	7.393	7.461	VV	270	7674	0.22%	0.089%
86	7.498	7.461	7.524	VV	1278	17344	0.49%	0.201%
87	7.564	7.524	7.594	VV	281	8843	0.25%	0.103%
88	7.607	7.594	7.618	VV	293	3552	0.10%	0.041%
89	7.642	7.618	7.672	VV	1413	19437	0.55%	0.226%

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90	7.681	7.672	7.694	VV	227	2413	0.07%	0.028%
91	7.707	7.694	7.718	VV	225	2730	0.08%	0.032%
92	7.735	7.718	7.758	VV	347	4660	0.13%	0.054%
93	7.766	7.758	7.782	VV	125	1700	0.05%	0.020%
94	7.813	7.782	7.844	VV	190	4463	0.13%	0.052%
95	7.855	7.844	7.880	PV	78	1457	0.04%	0.017%
96	7.907	7.880	7.940	VV	451	7093	0.20%	0.082%
97	7.958	7.940	7.974	VV	280	3685	0.10%	0.043%
98	7.985	7.974	7.995	VV	233	2652	0.07%	0.031%
99	8.010	7.995	8.053	VV	285	5273	0.15%	0.061%
100	8.075	8.053	8.094	VV	287	4746	0.13%	0.055%
101	8.104	8.094	8.118	VV	252	2929	0.08%	0.034%
102	8.131	8.118	8.158	VV	360	4659	0.13%	0.054%
103	8.175	8.158	8.191	PV	323	3921	0.11%	0.046%
104	8.220	8.191	8.250	VV	1032	13719	0.39%	0.159%
105	8.276	8.250	8.304	VV	2361	26935	0.76%	0.313%
106	8.310	8.304	8.331	VV	134	1924	0.05%	0.022%
107	8.345	8.331	8.354	VV	156	1812	0.05%	0.021%
108	8.377	8.354	8.397	VV	563	7722	0.22%	0.090%
109	8.432	8.397	8.504	VV	810	21097	0.59%	0.245%
110	8.528	8.504	8.604	VV	4545	60308	1.70%	0.700%
111	8.627	8.604	8.658	VV	415	9397	0.26%	0.109%
112	8.677	8.658	8.701	VV	288	5212	0.15%	0.061%
113	8.723	8.701	8.743	VV	228	3524	0.10%	0.041%
114	8.765	8.743	8.795	VV	247	3651	0.10%	0.042%
115	8.836	8.795	8.919	VV	20672	269698	7.59%	3.132%
116	8.927	8.919	8.968	VV	538	13030	0.37%	0.151%
117	9.017	8.968	9.055	VV	1176	45013	1.27%	0.523%
118	9.073	9.055	9.114	VV	960	23392	0.66%	0.272%
119	9.133	9.114	9.173	VV	391	10029	0.28%	0.116%
120	9.186	9.173	9.208	VV	374	5921	0.17%	0.069%
121	9.260	9.208	9.280	VV	991	20830	0.59%	0.242%
122	9.296	9.280	9.318	VV	596	11175	0.31%	0.130%
123	9.332	9.318	9.341	VV	538	7229	0.20%	0.084%
124	9.371	9.341	9.401	VV	1248	26617	0.75%	0.309%
125	9.410	9.401	9.425	VV	363	3722	0.10%	0.043%
126	9.446	9.425	9.473	VV	365	6945	0.20%	0.081%
127	9.498	9.473	9.532	VV	329	6530	0.18%	0.076%
128	9.548	9.532	9.566	VV	218	3850	0.11%	0.045%
129	9.581	9.566	9.591	VV	219	2761	0.08%	0.032%
130	9.599	9.591	9.633	VV	314	6226	0.18%	0.072%
131	9.662	9.633	9.699	VV	480	10036	0.28%	0.117%
132	9.729	9.699	9.764	VV	667	11825	0.33%	0.137%
133	9.782	9.764	9.814	VV	445	7302	0.21%	0.085%
134	9.824	9.814	9.844	VV	180	2651	0.07%	0.031%
135	9.871	9.844	9.901	VV	416	8304	0.23%	0.096%
136	9.922	9.901	9.968	VV	1157	14834	0.42%	0.172%
137	10.014	9.968	10.029	VV	219	3828	0.11%	0.044%
138	10.062	10.029	10.120	VV	621	12453	0.35%	0.145%
139	10.144	10.120	10.197	VV	1798	25534	0.72%	0.297%
140	10.215	10.197	10.223	VV	225	2546	0.07%	0.030%
141	10.240	10.223	10.276	VV	283	4753	0.13%	0.055%

					rteres			
142	10.292	10.276	10.360	VV	158	3491	0.10%	0.041%
143	10.428	10.360	10.491	PV	142	7024	0.20%	0.082%
144	10.535	10.491	10.560	VV	458	9571	0.27%	0.111%
145	10.587	10.560	10.664	VV	654	24354	0.69%	0.283%
146	10.678	10.664	10.730	VV	327	7642	0.22%	0.089%
147	10.747	10.730	10.764	VV	231	4521	0.13%	0.053%
148	10.775	10.764	10.795	VV	234	3979	0.11%	0.046%
149	10.815	10.795	10.851	VV	416	9366	0.26%	0.109%
150	10.886	10.851	10.922	VV	725	14728	0.41%	0.171%
151	10.945	10.922	10.991	VV	321	9140	0.26%	0.106%
152	11.013	10.991	11.043	VV	487	9569	0.27%	0.111%
153	11.071	11.043	11.090	VV	218	4581	0.13%	0.053%
154	11.101	11.090	11.134	VV	344	5598	0.16%	0.065%
155	11.153	11.134	11.184	VV	207	4687	0.13%	0.054%
156	11.211	11.184	11.242	VV	291	7066	0.20%	0.082%
157	11.285	11.242	11.332	VV	1399	30588	0.86%	0.355%
158	11.342	11.332	11.377	VV	332	6046	0.17%	0.070%
159	11.396	11.377	11.437	VV	253	5665	0.16%	0.066%
160	11.450	11.437	11.479	VV	154	2523	0.07%	0.029%
161	11.524	11.479	11.552	VV	1530	22097	0.62%	0.257%
162	11.593	11.552	11.654	VV	2258	35196	0.99%	0.409%
163	11.686	11.654	11.733	VV	369	9092	0.26%	0.106%
164	11.748	11.733	11.772	VV	118	1635	0.05%	0.019%
165	11.834	11.772	11.854	PV	178	4048	0.11%	0.047%
166	11.935	11.854	11.964	VV	273	11483	0.32%	0.133%
167	11.983	11.964	12.025	VV	345	8045	0.23%	0.093%
168	12.048	12.025	12.091	VV	368	8240	0.23%	0.096%
169	12.097	12.091	12.116	VV	121	1437	0.04%	0.017%
170	12.264	12.116	12.295	VV	621	23895	0.67%	0.278%
171	12.309	12.295	12.340	VV	251	4207	0.12%	0.049%
172	12.353	12.340	12.380	VV	205	3203	0.09%	0.037%
173	12.425	12.380	12.445	VV	201	6302	0.18%	0.073%
174	12.478	12.445	12.527	VV	440	12494	0.35%	0.145%
175	12.551	12.527	12.569	VV	273	5484	0.15%	0.064%
176	12.594	12.569	12.608	VV	298	5426	0.15%	0.063%
177	12.634	12.608	12.662	VV	775	14035	0.40%	0.163%
178	12.671	12.662	12.691	VV	271	3608	0.10%	0.042%
179	12.720	12.691	12.736	VV	425	7407	0.21%	0.086%
180	12.764	12.736	12.817	VV	728	16028	0.45%	0.186%
181	12.847	12.817	12.879	VV	1086	17301	0.49%	0.201%
182	12.908	12.879	12.946	VV	2363	33076	0.93%	0.384%
183	13.027	12.946	13.051	VV	264	10277	0.29%	0.119%
184	13.064	13.051	13.134	VV	166	3210	0.09%	0.037%
185	13.160	13.134	13.177	PV	180	2255	0.06%	0.026%
186	13.185	13.177	13.214	VV	194	2466	0.07%	0.029%
187	13.224	13.214	13.247	VV	128	1634	0.05%	0.019%
188	13.278	13.247	13.289	PV	239	3872	0.11%	0.045%
189	13.356	13.289	13.454	VV	288094	3552341	100.00%	41.256%
190	13.462	13.454	13.500	VV	516	10542	0.30%	0.122%
191	13.524	13.500	13.579	VV	701	21005	0.59%	0.244%
192	13.590	13.579	13.615	VV	355	5890	0.17%	0.068%
193	13.635	13.615	13.688	VV	229	7451	0.21%	0.087%
194	13.745	13.688	13.768	VV	218	8282	0.23%	0.096%

					rteres			
195	13.788	13.768	13.848	VV	308	10047	0.28%	0.117%
196	13.863	13.848	13.888	VV	176	3192	0.09%	0.037%
197	13.932	13.888	13.941	VV	204	3921	0.11%	0.046%
198	13.963	13.941	14.001	VV	283	6509	0.18%	0.076%
199	14.057	14.001	14.081	VV	997	17563	0.49%	0.204%
200	14.111	14.081	14.163	VV	2113	31618	0.89%	0.367%
201	14.194	14.163	14.219	VV	147	2793	0.08%	0.032%
202	14.246	14.219	14.265	PV	92	1447	0.04%	0.017%
203	14.332	14.265	14.399	VV	131	4751	0.13%	0.055%
204	14.410	14.399	14.425	VV	152	950	0.03%	0.011%
205	14.445	14.425	14.458	PV	138	1290	0.04%	0.015%
206	14.497	14.458	14.511	VV	108	2707	0.08%	0.031%
207	14.549	14.511	14.610	VV	785	15908	0.45%	0.185%
208	14.625	14.610	14.653	VV	233	3343	0.09%	0.039%
209	14.675	14.653	14.699	VV	538	6845	0.19%	0.079%
210	14.707	14.699	14.716	VV	107	802	0.02%	0.009%
211	14.740	14.716	14.758	VV	118	2563	0.07%	0.030%
212	14.764	14.758	14.784	VV	117	1196	0.03%	0.014%
213	14.814	14.784	14.824	VV	149	2698	0.08%	0.031%
214	14.837	14.824	14.856	VV	145	1516	0.04%	0.018%
215	14.904	14.856	14.914	VV	85	2281	0.06%	0.026%
216	14.935	14.914	14.948	VV	207	2006	0.06%	0.023%
217	14.960	14.948	14.970	VV	146	1641	0.05%	0.019%
218	14.992	14.970	15.044	VV	183	6092	0.17%	0.071%
219	15.064	15.044	15.078	VV	173	2432	0.07%	0.028%
220	15.080	15.078	15.101	VV	144	995	0.03%	0.012%
221	15.174	15.101	15.191	VV	729	13834	0.39%	0.161%
222	15.217	15.191	15.277	VV	1831	29712	0.84%	0.345%
223	15.287	15.277	15.312	VV	134	1478	0.04%	0.017%
224	15.324	15.312	15.335	VV	106	842	0.02%	0.010%
225	15.342	15.335	15.365	VV	71	673	0.02%	0.008%
226	15.380	15.365	15.391	VV	66	630	0.02%	0.007%
227	15.424	15.391	15.444	PV	63	1730	0.05%	0.020%
228	15.533	15.444	15.548	VV	154	3250	0.09%	0.038%
229	15.562	15.548	15.578	VV	78	712	0.02%	0.008%
230	15.701	15.578	15.717	PV	200	7384	0.21%	0.086%
231	15.740	15.717	15.771	VV	743	11629	0.33%	0.135%
232	15.784	15.771	15.834	VV	171	4167	0.12%	0.048%
233	15.948	15.834	15.985	PV	188	10343	0.29%	0.120%
234	16.002	15.985	16.017	VV	180	2373	0.07%	0.028%
235	16.073	16.017	16.149	VV	288	15345	0.43%	0.178%
236	16.202	16.149	16.218	VV	756	14738	0.41%	0.171%
237	16.242	16.218	16.348	VV	1954	38103	1.07%	0.443%
238	16.431	16.348	16.484	VV	253	13946	0.39%	0.162%
239	16.606	16.484	16.648	VV	170	14453	0.41%	0.168%
240	16.728	16.648	16.781	PV	1108	22228	0.63%	0.258%
241	16.887	16.781	16.931	PV	172	7188	0.20%	0.083%
242	17.080	16.931	17.104	VV	131	4649	0.13%	0.054%
243	17.195	17.104	17.265	PV	2107	44339	1.25%	0.515%
244	17.434	17.265	17.468	VV	251	16407	0.46%	0.191%
245	17.514	17.468	17.551	VV	239	6869	0.19%	0.080%
246	17.646	17.551	17.701	VV	1846	37063	1.04%	0.430%

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247	17.759	17.701	17.791	VV	244	5990	0.17%	0.070%
248	17.928	17.791	17.948	PV	152	4360	0.12%	0.051%
249	18.084	17.948	18.164	PV	3282	74769	2.10%	0.868%
250	18.228	18.164	18.301	VV	948	33763	0.95%	0.392%
251	18.433	18.301	18.452	VV	339	23060	0.65%	0.268%
252	18.508	18.452	18.543	VV	3098	54001	1.52%	0.627%
253	18.597	18.543	18.658	VV	871	24310	0.68%	0.282%
254	18.669	18.658	18.685	VV	86	1417	0.04%	0.016%
255	18.772	18.685	18.808	PV	216	7462	0.21%	0.087%
256	18.918	18.808	18.954	PV	3124	48390	1.36%	0.562%
257	19.021	18.954	19.044	PV	549	7983	0.22%	0.093%
258	19.069	19.044	19.094	VV	488	8759	0.25%	0.102%
259	19.212	19.094	19.244	VV	215	13271	0.37%	0.154%
260	19.317	19.244	19.378	PV	2321	41943	1.18%	0.487%
261	19.612	19.378	19.640	PV	626	49826	1.40%	0.579%
262	19.704	19.640	19.765	VV	2783	63669	1.79%	0.739%
263	19.989	19.765	20.021	VV	647	71587	2.02%	0.831%
264	20.081	20.021	20.110	VV	2163	49503	1.39%	0.575%
265	20.130	20.110	20.151	VV	669	14701	0.41%	0.171%
266	20.447	20.151	20.478	VV	3335	194439	5.47%	2.258%
267	20.660	20.478	20.684	VV	2531	269857	7.60%	3.134%
268	20.806	20.684	20.836	VV	4144	271662	7.65%	3.155%
269	20.914	20.836	21.003	VV	3393	314852	8.86%	3.657%
270	21.186	21.003	21.268	VV	3942	431830	12.16%	5.015%
271	21.482	21.268	21.578	VV	2095	371423	10.46%	4.314%
272	21.621	21.578	21.648	VV	1614	59351	1.67%	0.689%
273	21.871	21.648	22.048	VV	1264	263087	7.41%	3.055%
Sum of corrected areas:						8610483		

Aliphatic EPH 030325.M Tue Mar 11 06:29:27 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015643.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 23:38
 Operator : YP\AJ
 Sample : Q1514-05
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 ENV-103-SB01

Integration File: autoint1.e
 Quant Time: Mar 11 03:27:49 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	6468886	55.568 ug/ml
Spiked Amount 50.000		Recovery =	111.14%
6) S 2-Fluorobiphenyl (SURR)	8.873	3869520	54.323 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.65%
11) S ortho-Terphenyl (SURR)	11.932	3967510	26.971 ug/ml
Spiked Amount 50.000		Recovery =	53.94%

Target Compounds

(f)=RT Delta > 1/2 Window

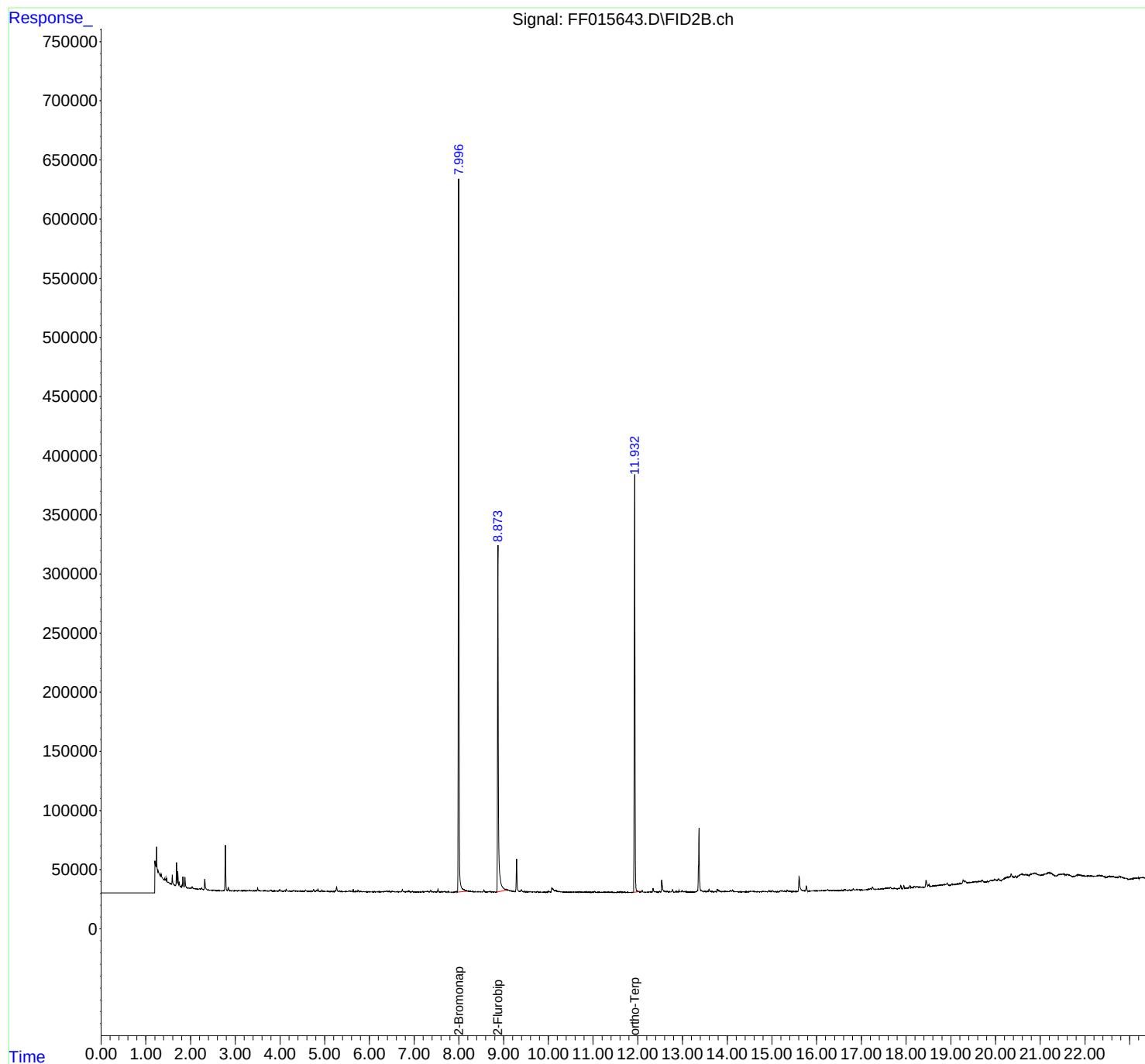
(m)=manual int.

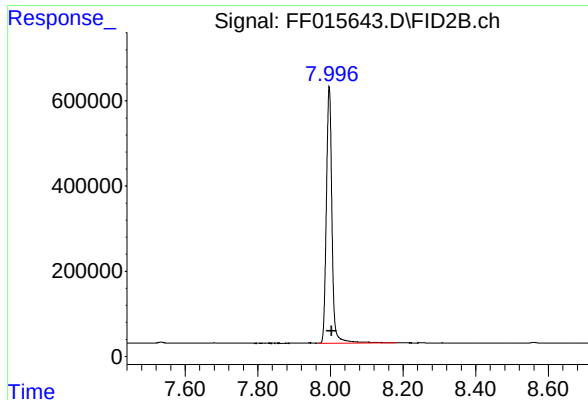
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
Data File : FF015643.D
Signal(s) : FID2B.ch
Acq On : 10 Mar 2025 23:38
Operator : YP\AJ
Sample : Q1514-05
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
ENV-103-SB01

Integration File: autoint1.e
Quant Time: Mar 11 03:27:49 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

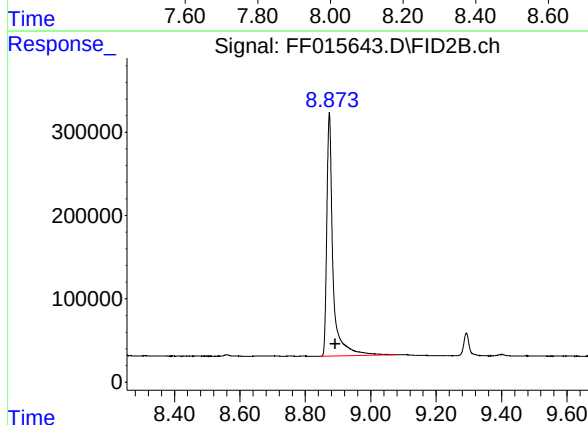




#4 2-Bromonaphthalene (SURR)

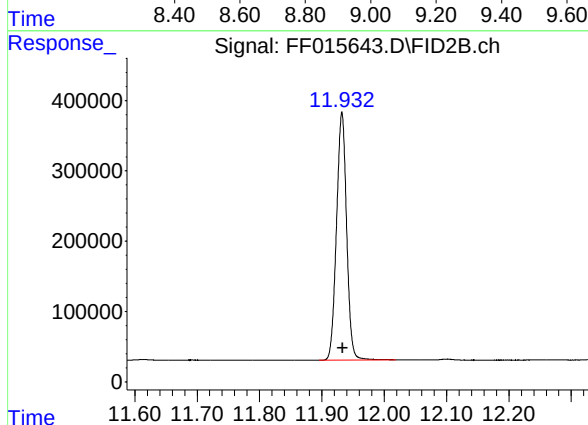
R.T.: 7.997 min
Delta R.T.: -0.006 min
Response: 6468886
Conc: 55.57 ug/ml

Instrument :
FID_F
ClientSampleId :
ENV-103-SB01



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.873 min
Delta R.T.: -0.018 min
Response: 3869520
Conc: 54.32 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: -0.001 min
Response: 3967510
Conc: 26.97 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015643.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 23:38
 Sample : Q1514-05
 Misc :
 ALS Vial : 85 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	5.266	5.205	5.310	BV	3677	54960	0.85%	0.346%
2	7.997	7.969	8.180	BB	602252	6468886	100.00%	40.714%
3	8.873	8.842	9.077	BB	292744	3869520	59.82%	24.354%
4	9.292	9.237	9.364	BB	27410	316202	4.89%	1.990%
5	10.081	10.055	10.152	BB	3225	84250	1.30%	0.530%
6	11.932	11.895	12.019	BB	353115	3967510	61.33%	24.971%
7	12.537	12.519	12.607	PB	10094	146369	2.26%	0.921%
8	13.368	13.295	13.474	BB	54027	711537	11.00%	4.478%
9	15.607	15.547	15.700	BB	12331	217043	3.36%	1.366%
10	15.768	15.714	15.815	BB	3995	52200	0.81%	0.329%

Sum of corrected areas: 15888478

Aromatic EPH 022625.M Tue Mar 11 04:38:33 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031125AL\
Data File : FC068394.D
Signal(s) : FID1A.ch
Acq On : 11 Mar 2025 11:11
Operator : YP/AJ
Sample : Q1514-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
ENV-105-GW01

Integration File: autoint1.e
Quant Time: Mar 11 13:41:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
Quant Title : GC Extractables
QLast Update : Thu Mar 06 12:39:25 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...	12.847	4323331	37.327 ug/ml
Spiked Amount	50.000	Recovery	= 74.65%

Target Compounds

(f)=RT Delta > 1/2 Window

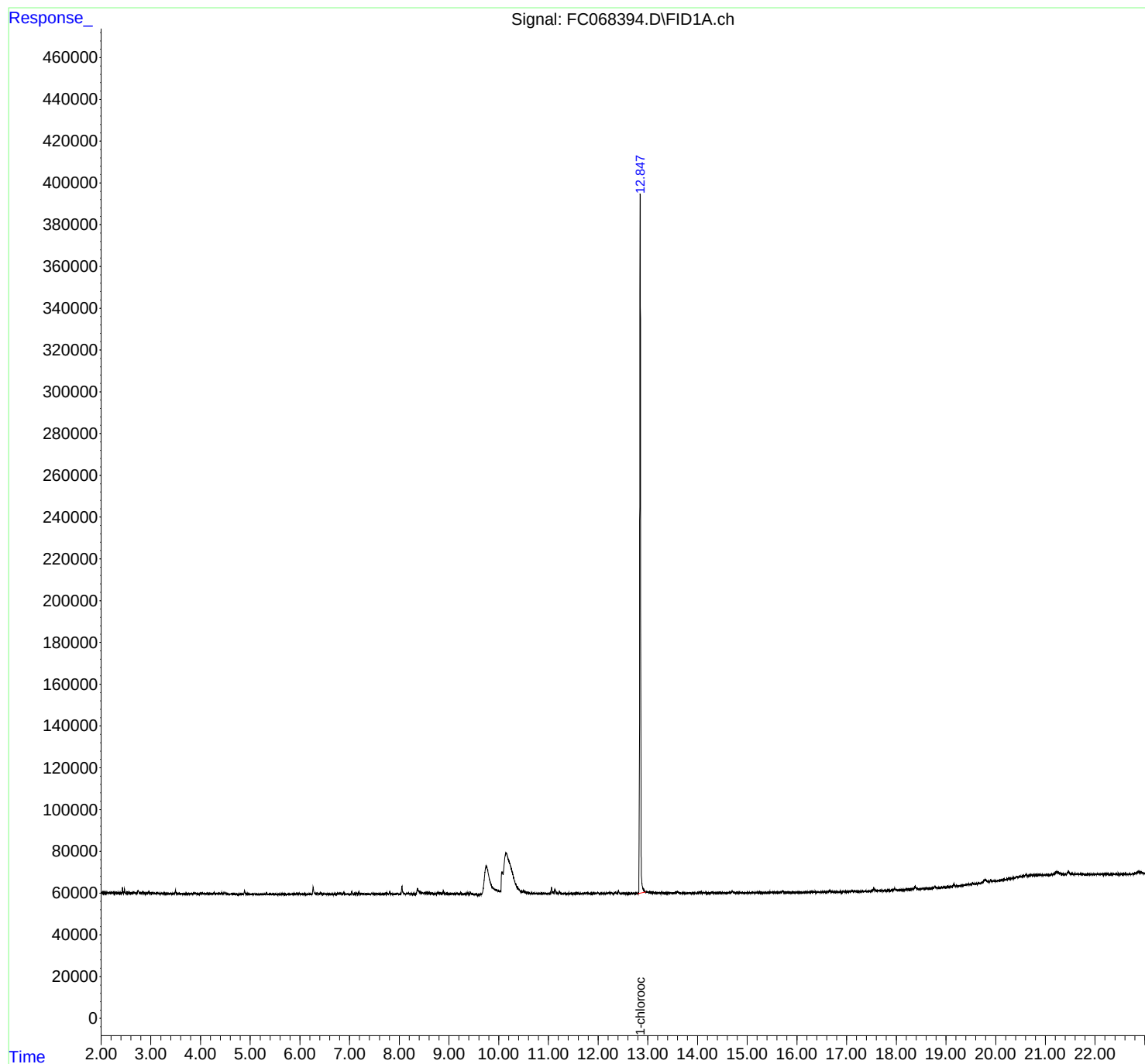
(m)=manual int.

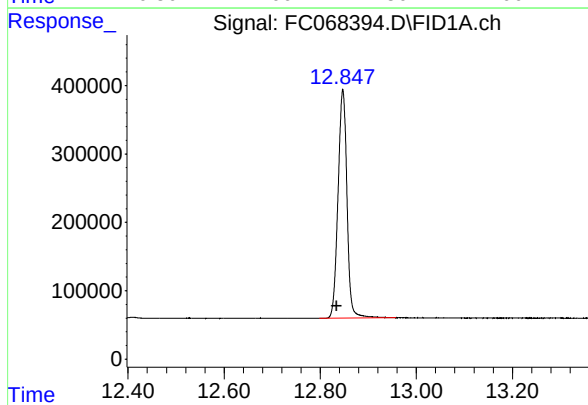
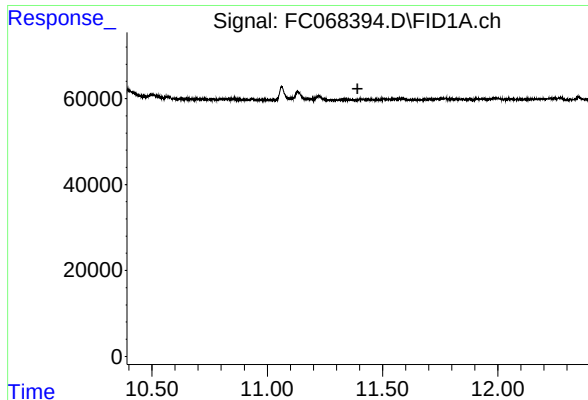
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031125AL\
Data File : FC068394.D
Signal(s) : FID1A.ch
Acq On : 11 Mar 2025 11:11
Operator : YP/AJ
Sample : Q1514-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
ENV-105-GW01

Integration File: autoint1.e
Quant Time: Mar 11 13:41:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
Quant Title : GC Extractables
QLast Update : Thu Mar 06 12:39:25 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_C\Data\FC031125AL\
 Data File : FC068394.D
 Signal(s) : FID1A.ch
 Acq On : 11 Mar 2025 11:11
 Sample : Q1514-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.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	2.322	2.301	2.340	BV	104	1070	0.02%	0.008%
2	2.357	2.340	2.375	VV	320	3068	0.07%	0.022%
3	2.397	2.375	2.408	VV	227	1922	0.04%	0.014%
4	2.430	2.408	2.453	PV	2784	23493	0.54%	0.172%
5	2.470	2.453	2.514	VV	2171	22394	0.51%	0.164%
6	2.526	2.514	2.584	VV	244	10024	0.23%	0.073%
7	2.593	2.584	2.634	VV	255	5545	0.13%	0.041%
8	2.655	2.634	2.686	VV	514	8451	0.19%	0.062%
9	2.742	2.686	2.775	VV	1539	29406	0.67%	0.215%
10	2.787	2.775	2.817	VV	531	8365	0.19%	0.061%
11	2.837	2.817	2.869	VV	1089	14124	0.32%	0.103%
12	2.919	2.914	2.941	VV	271	3640	0.08%	0.027%
13	2.960	2.941	2.998	VV	1104	15741	0.36%	0.115%
14	3.006	2.998	3.096	VV	331	10010	0.23%	0.073%
15	3.129	3.096	3.187	VV	216	7464	0.17%	0.055%
16	3.205	3.187	3.234	VV	252	4131	0.09%	0.030%
17	3.248	3.234	3.334	VV	142	6194	0.14%	0.045%
18	3.358	3.334	3.398	VV	159	4115	0.09%	0.030%
19	3.405	3.398	3.421	VV	107	908	0.02%	0.007%
20	3.448	3.421	3.457	PV	131	2259	0.05%	0.017%
21	3.496	3.457	3.516	VV	1735	17995	0.41%	0.132%
22	3.524	3.516	3.554	VV	175	2115	0.05%	0.015%
23	3.568	3.554	3.591	VV	199	2277	0.05%	0.017%
24	3.617	3.591	3.641	VV	108	1904	0.04%	0.014%
25	3.657	3.641	3.680	PV	87	1219	0.03%	0.009%
26	3.701	3.680	3.724	VV	148	1793	0.04%	0.013%
27	3.730	3.724	3.745	VV	114	1037	0.02%	0.008%
28	3.771	3.745	3.795	VV	152	2690	0.06%	0.020%
29	3.868	3.795	3.876	VV	193	4538	0.10%	0.033%
30	3.893	3.876	3.939	VV	501	10272	0.23%	0.075%
31	3.960	3.939	3.975	VV	166	2087	0.05%	0.015%
32	4.035	3.975	4.063	VV	555	11180	0.26%	0.082%
33	4.074	4.063	4.119	VV	153	4243	0.10%	0.031%
34	4.129	4.119	4.160	VV	214	3297	0.08%	0.024%
35	4.182	4.160	4.205	VV	286	5226	0.12%	0.038%
36	4.277	4.205	4.323	VV	798	22865	0.52%	0.167%

					rt	ret	area	%area
37	4.361	4.323	4.397	VV	578	13581	0.31%	0.099%
38	4.426	4.397	4.446	VV	736	12501	0.29%	0.092%
39	4.481	4.446	4.495	VV	695	12620	0.29%	0.092%
40	4.510	4.495	4.532	VV	875	10423	0.24%	0.076%
41	4.541	4.532	4.575	VV	190	4125	0.09%	0.030%
42	4.581	4.575	4.611	VV	196	2991	0.07%	0.022%
43	4.628	4.611	4.660	VV	196	3872	0.09%	0.028%
44	4.670	4.660	4.708	VV	142	3259	0.07%	0.024%
45	4.716	4.708	4.745	VV	154	1692	0.04%	0.012%
46	4.765	4.745	4.789	PV	81	1167	0.03%	0.009%
47	4.810	4.789	4.841	VV	201	3092	0.07%	0.023%
48	4.886	4.841	4.924	VV	1921	26280	0.60%	0.192%
49	4.943	4.924	5.023	VV	542	10372	0.24%	0.076%
50	5.035	5.023	5.051	VV	151	2047	0.05%	0.015%
51	5.081	5.051	5.163	VV	212	7041	0.16%	0.052%
52	5.176	5.163	5.220	VV	155	2679	0.06%	0.020%
53	5.235	5.220	5.241	PV	98	770	0.02%	0.006%
54	5.257	5.241	5.271	VV	170	1941	0.04%	0.014%
55	5.289	5.271	5.308	VV	287	4616	0.11%	0.034%
56	5.328	5.308	5.360	VV	855	11156	0.25%	0.082%
57	5.382	5.360	5.432	VV	247	6271	0.14%	0.046%
58	5.467	5.432	5.488	VV	241	5368	0.12%	0.039%
59	5.495	5.488	5.501	VV	171	1037	0.02%	0.008%
60	5.510	5.501	5.554	VV	170	3743	0.09%	0.027%
61	5.576	5.554	5.596	VV	235	3910	0.09%	0.029%
62	5.638	5.596	5.690	VV	300	8155	0.19%	0.060%
63	5.700	5.690	5.725	VV	146	2324	0.05%	0.017%
64	5.741	5.725	5.778	VV	198	4105	0.09%	0.030%
65	5.786	5.778	5.817	VV	200	4091	0.09%	0.030%
66	5.850	5.817	5.861	VV	319	6566	0.15%	0.048%
67	5.880	5.861	5.914	VV	394	9390	0.21%	0.069%
68	5.925	5.914	5.966	VV	562	12004	0.27%	0.088%
69	5.987	5.966	6.034	VV	585	13465	0.31%	0.099%
70	6.056	6.034	6.104	VV	303	9367	0.21%	0.069%
71	6.181	6.168	6.224	VV	193	5041	0.12%	0.037%
72	6.229	6.224	6.234	VV	233	937	0.02%	0.007%
73	6.267	6.234	6.329	VV	3560	61165	1.40%	0.448%
74	6.346	6.329	6.368	VV	571	9703	0.22%	0.071%
75	6.382	6.368	6.401	VV	390	6360	0.15%	0.047%
76	6.413	6.401	6.431	VV	697	9353	0.21%	0.068%
77	6.447	6.431	6.471	VV	403	8009	0.18%	0.059%
78	6.484	6.471	6.521	VV	495	9363	0.21%	0.069%
79	6.539	6.521	6.571	VV	288	6896	0.16%	0.051%
80	6.584	6.571	6.690	VV	307	14981	0.34%	0.110%
81	6.707	6.690	6.730	VV	535	7558	0.17%	0.055%
82	6.757	6.730	6.774	VV	615	10861	0.25%	0.080%
83	6.784	6.774	6.794	VV	511	5462	0.12%	0.040%
84	6.808	6.794	6.853	VV	564	15350	0.35%	0.112%
85	6.882	6.853	6.941	VV	843	22077	0.50%	0.162%
86	6.961	6.941	7.008	VV	404	11416	0.26%	0.084%
87	7.043	7.008	7.082	VV	1561	24357	0.56%	0.178%
88	7.105	7.082	7.136	VV	493	11700	0.27%	0.086%
89	7.152	7.136	7.165	VV	461	6905	0.16%	0.051%

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90	7.188	7.165	7.231	VV	1143	23758	0.54%	0.174%
91	7.249	7.231	7.261	VV	545	7626	0.17%	0.056%
92	7.275	7.261	7.298	VV	553	9668	0.22%	0.071%
93	7.345	7.298	7.358	VV	368	11722	0.27%	0.086%
94	7.363	7.358	7.421	VV	425	11300	0.26%	0.083%
95	7.444	7.421	7.468	VV	872	13579	0.31%	0.099%
96	7.476	7.468	7.510	VV	371	8387	0.19%	0.061%
97	7.542	7.510	7.574	VV	457	14626	0.33%	0.107%
98	7.600	7.574	7.638	VV	578	16200	0.37%	0.119%
99	7.650	7.638	7.684	VV	437	9976	0.23%	0.073%
100	7.707	7.684	7.731	VV	438	10236	0.23%	0.075%
101	7.750	7.731	7.778	VV	1015	17038	0.39%	0.125%
102	7.805	7.778	7.829	VV	1424	21705	0.50%	0.159%
103	7.839	7.829	7.861	VV	478	7028	0.16%	0.051%
104	7.871	7.861	7.894	VV	348	5807	0.13%	0.043%
105	7.910	7.894	7.938	VV	410	9576	0.22%	0.070%
106	7.963	7.938	8.031	VV	835	25763	0.59%	0.189%
107	8.054	8.031	8.131	VV	4182	76720	1.75%	0.562%
108	8.152	8.131	8.188	VV	751	21010	0.48%	0.154%
109	8.197	8.188	8.223	VV	666	11048	0.25%	0.081%
110	8.243	8.223	8.265	VV	565	11065	0.25%	0.081%
111	8.283	8.265	8.318	VV	643	14030	0.32%	0.103%
112	8.321	8.318	8.334	VV	387	3574	0.08%	0.026%
113	8.366	8.334	8.490	VV	3000	127691	2.92%	0.935%
114	8.507	8.490	8.576	VV	935	43082	0.98%	0.316%
115	8.594	8.576	8.634	VV	1048	28364	0.65%	0.208%
116	8.652	8.634	8.677	VV	774	16343	0.37%	0.120%
117	8.702	8.677	8.738	VV	638	19298	0.44%	0.141%
118	8.772	8.738	8.791	VV	1115	24294	0.56%	0.178%
119	8.808	8.791	8.857	VV	948	30499	0.70%	0.223%
120	8.885	8.857	8.933	VV	1663	42495	0.97%	0.311%
121	8.957	8.933	8.980	VV	772	16259	0.37%	0.119%
122	9.007	8.980	9.034	VV	662	16565	0.38%	0.121%
123	9.069	9.034	9.087	VV	628	17855	0.41%	0.131%
124	9.097	9.087	9.106	VV	608	6342	0.14%	0.046%
125	9.124	9.106	9.144	VV	601	13328	0.30%	0.098%
126	9.169	9.144	9.213	VV	726	23989	0.55%	0.176%
127	9.235	9.213	9.273	VV	1028	23773	0.54%	0.174%
128	9.294	9.273	9.339	VV	660	20289	0.46%	0.149%
129	9.383	9.339	9.405	VV	861	26188	0.60%	0.192%
130	9.432	9.405	9.534	VV	1205	39318	0.90%	0.288%
131	9.549	9.534	9.571	VV	595	6381	0.15%	0.047%
132	9.750	9.571	10.040	PV	13600	1218076	27.84%	8.921%
133	10.066	10.040	10.089	VV	10802	241105	5.51%	1.766%
134	10.150	10.089	10.472	VV	19924	2270953	51.91%	16.632%
135	10.502	10.472	10.551	VV	1716	64279	1.47%	0.471%
136	10.569	10.551	10.611	VV	1231	32754	0.75%	0.240%
137	10.623	10.611	10.648	VV	724	15140	0.35%	0.111%
138	10.660	10.648	10.680	VV	671	12480	0.29%	0.091%
139	10.695	10.680	10.708	VV	663	9785	0.22%	0.072%
140	10.722	10.708	10.739	VV	627	10952	0.25%	0.080%
141	10.757	10.739	10.787	VV	564	15873	0.36%	0.116%

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142	10.829	10.787	10.841	VV	603	18148	0.41%	0.133%
143	10.855	10.841	10.876	VV	720	12397	0.28%	0.091%
144	10.886	10.876	10.895	VV	485	5314	0.12%	0.039%
145	10.901	10.895	10.924	VV	518	7900	0.18%	0.058%
146	10.934	10.924	10.982	VV	533	15353	0.35%	0.112%
147	11.025	10.982	11.033	VV	463	12430	0.28%	0.091%
148	11.062	11.033	11.098	VV	3517	59587	1.36%	0.436%
149	11.133	11.098	11.167	VV	2310	51488	1.18%	0.377%
150	11.178	11.167	11.204	VV	655	12122	0.28%	0.089%
151	11.223	11.204	11.305	VV	1331	33745	0.77%	0.247%
152	11.339	11.305	11.348	VV	397	9010	0.21%	0.066%
153	11.355	11.348	11.384	VV	422	7076	0.16%	0.052%
154	11.407	11.384	11.425	VV	505	9775	0.22%	0.072%
155	11.439	11.425	11.489	VV	445	15076	0.34%	0.110%
156	11.506	11.489	11.561	VV	610	18192	0.42%	0.133%
157	11.586	11.561	11.618	VV	617	15211	0.35%	0.111%
158	11.631	11.618	11.660	VV	331	7325	0.17%	0.054%
159	11.775	11.660	11.838	VV	556	44523	1.02%	0.326%
160	11.845	11.838	11.864	VV	401	5641	0.13%	0.041%
161	11.878	11.864	11.888	VV	426	4981	0.11%	0.036%
162	11.909	11.888	11.961	VV	496	17022	0.39%	0.125%
163	11.992	11.961	12.034	VV	640	20131	0.46%	0.147%
164	12.060	12.034	12.088	VV	432	11285	0.26%	0.083%
165	12.095	12.088	12.104	VV	367	3189	0.07%	0.023%
166	12.114	12.104	12.144	VV	364	7408	0.17%	0.054%
167	12.193	12.144	12.206	VV	442	13596	0.31%	0.100%
168	12.223	12.206	12.256	VV	532	14246	0.33%	0.104%
169	12.271	12.256	12.303	VV	717	12579	0.29%	0.092%
170	12.350	12.303	12.378	VV	833	18052	0.41%	0.132%
171	12.410	12.378	12.501	VV	1795	37703	0.86%	0.276%
172	12.526	12.501	12.578	VV	417	11524	0.26%	0.084%
173	12.585	12.578	12.628	VV	207	4572	0.10%	0.033%
174	12.662	12.628	12.671	VV	224	4726	0.11%	0.035%
175	12.694	12.671	12.754	VV	292	10421	0.24%	0.076%
176	12.767	12.754	12.781	VV	250	3258	0.07%	0.024%
177	12.792	12.781	12.806	VV	218	2600	0.06%	0.019%
178	12.847	12.806	12.961	VV	334766	4375010	100.00%	32.041%
179	12.970	12.961	13.037	VV	892	34530	0.79%	0.253%
180	13.051	13.037	13.114	VV	760	26166	0.60%	0.192%
181	13.134	13.114	13.174	VV	474	14852	0.34%	0.109%
182	13.209	13.174	13.254	VV	459	16815	0.38%	0.123%
183	13.280	13.254	13.340	VV	417	15353	0.35%	0.112%
184	13.356	13.340	13.383	VV	273	5258	0.12%	0.039%
185	13.399	13.383	13.428	VV	277	6559	0.15%	0.048%
186	13.458	13.428	13.487	VV	431	10041	0.23%	0.074%
187	13.500	13.487	13.509	VV	290	2743	0.06%	0.020%
188	13.547	13.509	13.570	VV	534	12583	0.29%	0.092%
189	13.600	13.570	13.660	VV	1103	26436	0.60%	0.194%
190	13.671	13.660	13.708	VV	216	4672	0.11%	0.034%
191	13.712	13.708	13.739	VV	202	2529	0.06%	0.019%
192	13.746	13.739	13.781	VV	147	2444	0.06%	0.018%
193	13.806	13.781	13.865	VV	249	8098	0.19%	0.059%
194	13.928	13.865	13.980	VV	221	8658	0.20%	0.063%

195	13.988	13.980	14.011	VV	176	2473	0.06%	0.018%
196	14.042	14.011	14.101	VV	602	18709	0.43%	0.137%
197	14.113	14.101	14.151	VV	264	5902	0.13%	0.043%
198	14.167	14.151	14.190	VV	246	3870	0.09%	0.028%
199	14.208	14.190	14.248	VV	210	5270	0.12%	0.039%
200	14.258	14.248	14.271	VV	172	1991	0.05%	0.015%
201	14.311	14.271	14.386	VV	313	12178	0.28%	0.089%
202	14.398	14.386	14.431	VV	228	4568	0.10%	0.033%
203	14.458	14.431	14.531	VV	256	10816	0.25%	0.079%
204	14.554	14.531	14.564	VV	180	3177	0.07%	0.023%
205	14.578	14.564	14.601	VV	214	3058	0.07%	0.022%
206	14.661	14.601	14.674	VV	470	9524	0.22%	0.070%
207	14.700	14.674	14.764	VV	839	25252	0.58%	0.185%
208	14.778	14.764	14.819	VV	212	4172	0.10%	0.031%
209	14.863	14.819	14.892	VV	200	5328	0.12%	0.039%
210	14.922	14.892	14.944	VV	152	3308	0.08%	0.024%
211	14.951	14.944	14.961	VV	119	1006	0.02%	0.007%
212	14.993	14.961	15.019	VV	195	4404	0.10%	0.032%
213	15.034	15.019	15.084	VV	132	4128	0.09%	0.030%
214	15.121	15.084	15.164	VV	254	7917	0.18%	0.058%
215	15.169	15.164	15.200	VV	185	2739	0.06%	0.020%
216	15.219	15.200	15.234	VV	195	3097	0.07%	0.023%
217	15.244	15.234	15.288	VV	164	3891	0.09%	0.028%
218	15.314	15.288	15.328	VV	168	3082	0.07%	0.023%
219	15.360	15.328	15.394	VV	182	5862	0.13%	0.043%
220	15.404	15.394	15.430	VV	218	2847	0.07%	0.021%
221	15.451	15.430	15.464	VV	282	2842	0.06%	0.021%
222	15.494	15.464	15.524	VV	266	6914	0.16%	0.051%
223	15.557	15.524	15.570	VV	200	4861	0.11%	0.036%
224	15.582	15.570	15.637	VV	220	6133	0.14%	0.045%
225	15.648	15.637	15.659	VV	182	2168	0.05%	0.016%
226	15.680	15.659	15.690	VV	353	4647	0.11%	0.034%
227	15.715	15.690	15.782	VV	811	21443	0.49%	0.157%
228	15.791	15.782	15.818	VV	152	2464	0.06%	0.018%
229	15.857	15.818	15.874	VV	220	5083	0.12%	0.037%
230	15.918	15.874	15.944	VV	204	6892	0.16%	0.050%
231	15.947	15.944	15.971	VV	150	2043	0.05%	0.015%
232	15.980	15.971	15.988	VV	161	1263	0.03%	0.009%
233	15.998	15.988	16.011	VV	178	1510	0.03%	0.011%
234	16.014	16.011	16.048	VV	111	1573	0.04%	0.012%
235	16.077	16.048	16.118	PV	189	3906	0.09%	0.029%
236	16.144	16.118	16.168	VV	156	2905	0.07%	0.021%
237	16.200	16.168	16.230	VV	327	6232	0.14%	0.046%
238	16.245	16.230	16.282	VV	285	5868	0.13%	0.043%
239	16.302	16.282	16.345	VV	202	5024	0.11%	0.037%
240	16.365	16.345	16.385	VV	241	3816	0.09%	0.028%
241	16.398	16.385	16.411	VV	188	2160	0.05%	0.016%
242	16.427	16.411	16.468	VV	184	3945	0.09%	0.029%
243	16.471	16.468	16.481	VV	133	745	0.02%	0.005%
244	16.516	16.481	16.529	VV	165	2921	0.07%	0.021%
245	16.551	16.529	16.598	VV	268	7092	0.16%	0.052%
246	16.625	16.598	16.638	VV	377	5932	0.14%	0.043%

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247	16.662	16.638	16.706	VV	930	19794	0.45%	0.145%
248	16.727	16.706	16.751	VV	218	4198	0.10%	0.031%
249	16.776	16.751	16.808	VV	138	3708	0.08%	0.027%
250	16.818	16.808	16.848	VV	115	1829	0.04%	0.013%
251	16.853	16.848	16.863	VV	116	751	0.02%	0.006%
252	16.875	16.863	16.921	VV	66	1720	0.04%	0.013%
253	16.962	16.921	16.975	VV	210	4556	0.10%	0.033%
254	17.024	16.975	17.034	PV	193	3983	0.09%	0.029%
255	17.109	17.034	17.154	VV	573	17556	0.40%	0.129%
256	17.166	17.154	17.177	VV	149	1742	0.04%	0.013%
257	17.205	17.177	17.267	VV	276	7772	0.18%	0.057%
258	17.289	17.267	17.322	VV	198	3935	0.09%	0.029%
259	17.357	17.322	17.380	VV	170	3478	0.08%	0.025%
260	17.406	17.380	17.448	VV	173	3731	0.09%	0.027%
261	17.548	17.448	17.611	PV	1213	31996	0.73%	0.234%
262	17.629	17.611	17.650	VV	172	3052	0.07%	0.022%
263	17.704	17.650	17.768	VV	138	6188	0.14%	0.045%
264	17.789	17.768	17.796	VV	75	632	0.01%	0.005%
265	17.815	17.796	17.878	VV	208	4823	0.11%	0.035%
266	17.969	17.878	18.008	PV	917	21594	0.49%	0.158%
267	18.018	18.008	18.039	VV	143	1954	0.04%	0.014%
268	18.278	18.039	18.305	PV	157	9917	0.23%	0.073%
269	18.376	18.305	18.454	VV	1382	35118	0.80%	0.257%
270	18.535	18.454	18.558	PV	190	4297	0.10%	0.031%
271	18.573	18.558	18.588	VV	116	1338	0.03%	0.010%
272	18.629	18.588	18.647	VV	118	2654	0.06%	0.019%
273	18.661	18.647	18.703	VV	103	2386	0.05%	0.017%
274	18.720	18.703	18.734	PV	108	1096	0.03%	0.008%
275	18.775	18.734	18.809	VV	820	15894	0.36%	0.116%
276	18.816	18.809	18.860	VV	168	3256	0.07%	0.024%
277	18.875	18.860	18.882	VV	90	900	0.02%	0.007%
278	18.954	18.882	18.992	PV	247	8250	0.19%	0.060%
279	19.002	18.992	19.010	VV	125	916	0.02%	0.007%
280	19.075	19.010	19.084	VV	131	3632	0.08%	0.027%
281	19.159	19.084	19.234	VV	1216	29979	0.69%	0.220%
282	19.278	19.234	19.288	VV	156	3140	0.07%	0.023%
283	19.455	19.288	19.504	VV	691	46151	1.05%	0.338%
284	19.532	19.504	19.586	VV	908	29298	0.67%	0.215%
285	19.597	19.586	19.618	VV	537	8386	0.19%	0.061%
286	19.663	19.618	19.677	VV	556	17611	0.40%	0.129%
287	19.791	19.677	19.865	VV	1974	137425	3.14%	1.006%
288	19.898	19.865	19.934	VV	1734	52608	1.20%	0.385%
289	19.952	19.934	20.001	VV	1190	43472	0.99%	0.318%
290	20.009	20.001	20.017	VV	1070	9764	0.22%	0.072%
291	20.257	20.017	20.284	VV	1809	213696	4.88%	1.565%
292	20.368	20.284	20.376	VV	1853	95122	2.17%	0.697%
293	20.424	20.376	20.458	VV	2259	100271	2.29%	0.734%
294	20.609	20.458	20.658	VV	2936	282312	6.45%	2.068%
295	20.757	20.658	20.772	VV	2439	163534	3.74%	1.198%
296	20.804	20.772	20.824	VV	2361	72534	1.66%	0.531%
297	20.859	20.824	20.884	VV	2275	80407	1.84%	0.589%
298	20.933	20.884	20.974	VV	2305	115413	2.64%	0.845%
299	21.002	20.974	21.055	VV	2117	98134	2.24%	0.719%

					rteres			
300	21.135	21.055	21.147	VV	1976	106904	2.44%	0.783%
301	21.241	21.147	21.368	VV	2962	305139	6.97%	2.235%
302	21.370	21.368	21.387	VV	1760	19067	0.44%	0.140%
303	21.463	21.387	21.561	VV	2705	188139	4.30%	1.378%
304	21.571	21.561	21.595	VV	1316	25627	0.59%	0.188%
305	21.606	21.595	21.624	VV	1234	20882	0.48%	0.153%
306	21.645	21.624	21.664	VV	1223	27429	0.63%	0.201%
307	21.673	21.664	21.681	VV	1092	10982	0.25%	0.080%
308	21.721	21.681	21.734	VV	1046	32179	0.74%	0.236%
309	21.749	21.734	21.809	VV	927	38207	0.87%	0.280%
310	21.813	21.809	21.835	VV	777	10829	0.25%	0.079%
311	21.907	21.835	21.952	VV	599	39595	0.91%	0.290%
312	21.982	21.952	22.006	VV	460	13645	0.31%	0.100%
313	22.025	22.006	22.076	VV	378	12863	0.29%	0.094%
314	22.106	22.076	22.138	VV	267	7526	0.17%	0.055%
315	22.149	22.138	22.191	VV	156	2508	0.06%	0.018%

Sum of corrected areas: 13654506

Aliphatic EPH 030625.M Tue Mar 11 13:53:19 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
 Data File : FD049184.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 11:11
 Operator : YP/AJ
 Sample : Q1514-07
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 ENV-105-GW01

Integration File: autoint1.e
 Quant Time: Mar 11 13:59:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 10:50:40 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...	7.350	9009388	59.250 ug/ml
Spiked Amount 50.000		Recovery =	118.50%
6) S 2-Fluorobiphenyl (SURR)	8.199	5352755	67.205 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	134.41%#
11) S ortho-Terphenyl (SURR)	11.276	8081910	46.234 ug/ml
Spiked Amount 50.000		Recovery =	92.47%

Target Compounds

(f)=RT Delta > 1/2 Window

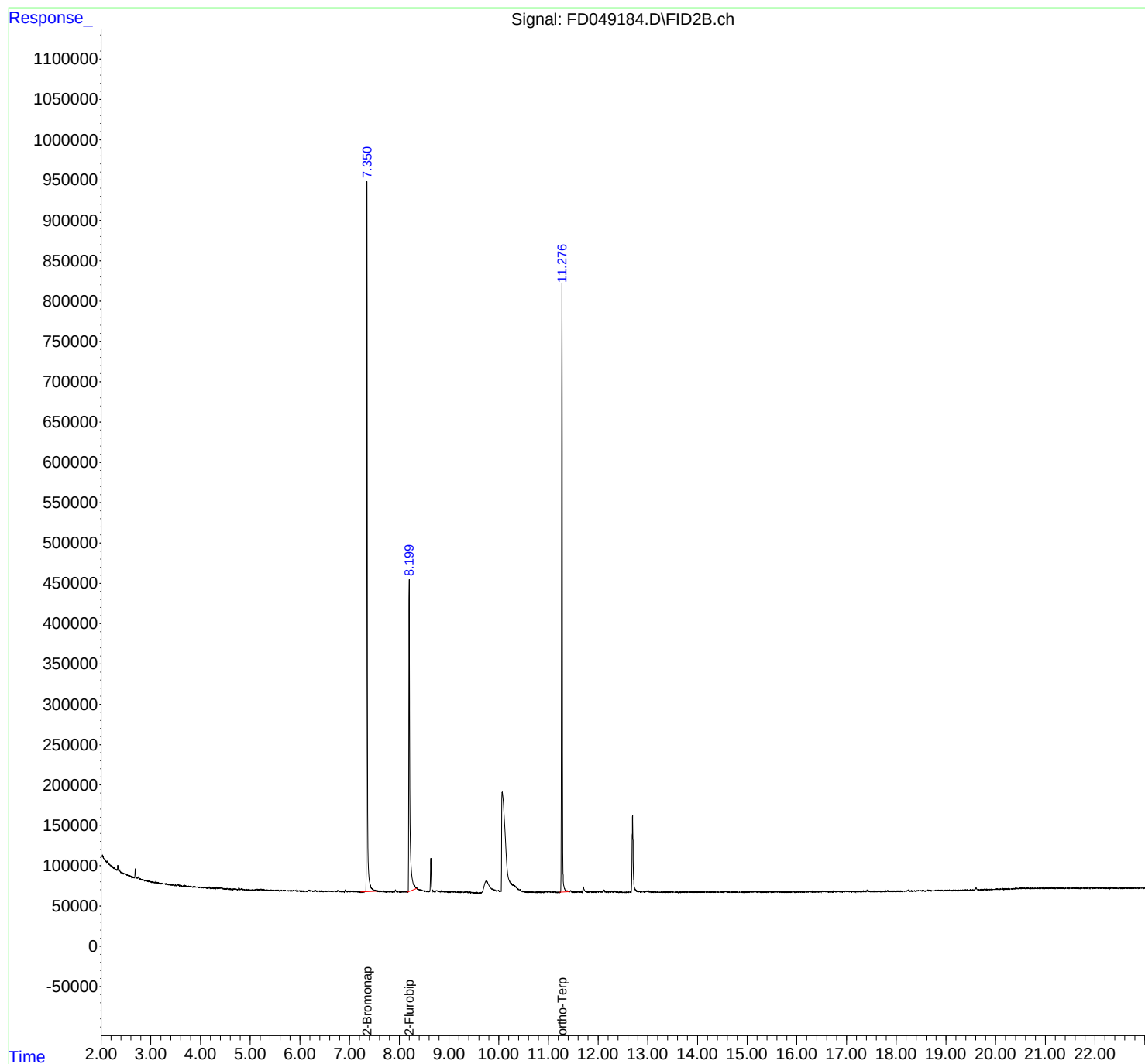
(m)=manual int.

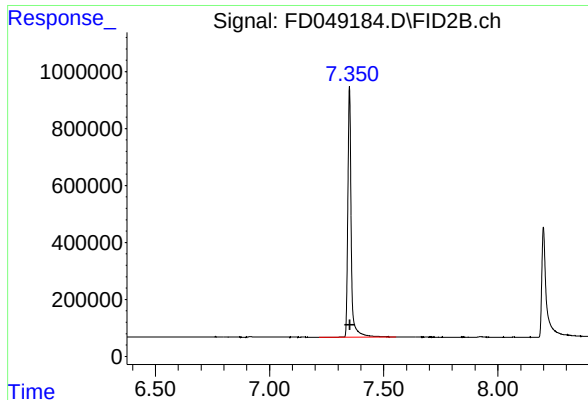
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
Data File : FD049184.D
Signal(s) : FID2B.ch
Acq On : 11 Mar 2025 11:11
Operator : YP/AJ
Sample : Q1514-07
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
ENV-105-GW01

Integration File: autoint1.e
Quant Time: Mar 11 13:59:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
Quant Title : GC Extractables
QLast Update : Mon Mar 10 10:50:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

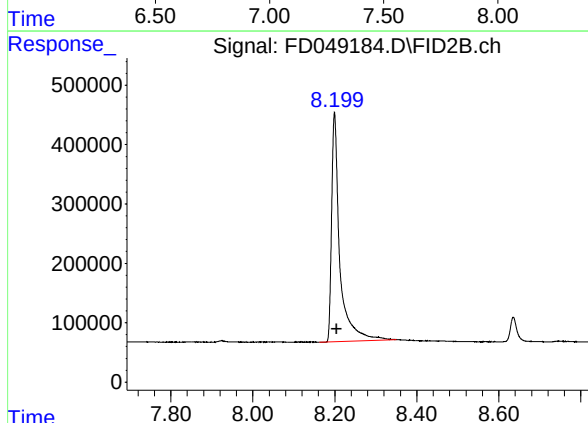




#4 2-Bromonaphthalene (SURR)

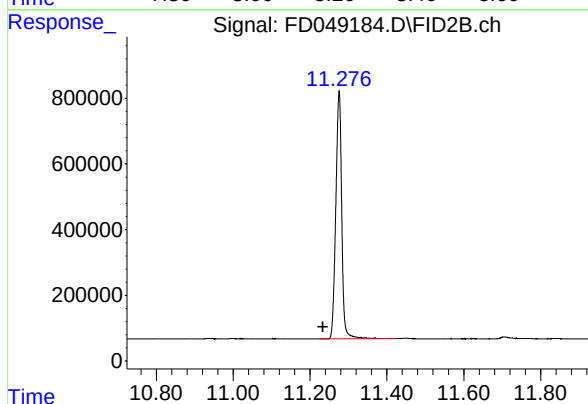
R.T.: 7.350 min
Delta R.T.: -0.002 min
Response: 9009388
Conc: 59.25 ug/ml

Instrument :
FID_D
ClientSampleId :
ENV-105-GW01



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min
Delta R.T.: -0.006 min
Response: 5352755
Conc: 67.20 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.276 min
Delta R.T.: 0.043 min
Response: 8081910
Conc: 46.23 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
 Data File : FD049184.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 11:11
 Sample : Q1514-07
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.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	4.064	4.042	4.080	BV	272	1629	0.02%	0.004%
2	4.086	4.080	4.130	PV	152	2865	0.03%	0.007%
3	4.134	4.130	4.153	VV	403	1531	0.02%	0.004%
4	4.182	4.160	4.235	VV	679	14241	0.16%	0.036%
5	4.246	4.235	4.262	VV	529	5272	0.06%	0.013%
6	4.265	4.262	4.280	VV	399	2311	0.03%	0.006%
7	4.294	4.280	4.303	PV	235	1814	0.02%	0.005%
8	4.325	4.303	4.364	VV	1062	18683	0.20%	0.047%
9	4.378	4.364	4.391	VV	961	11169	0.12%	0.028%
10	4.409	4.391	4.454	VV	1257	25713	0.28%	0.065%
11	4.458	4.454	4.501	VV	304	5057	0.06%	0.013%
12	4.516	4.508	4.570	VV	496	9944	0.11%	0.025%
13	4.585	4.570	4.632	VV	731	8844	0.10%	0.022%
14	4.638	4.632	4.656	VV	251	2600	0.03%	0.007%
15	4.662	4.656	4.678	VV	280	1734	0.02%	0.004%
16	4.697	4.678	4.714	VV	356	5039	0.06%	0.013%
17	4.720	4.714	4.751	VV	424	3218	0.04%	0.008%
18	4.772	4.751	4.797	PV	3002	38732	0.42%	0.098%
19	4.804	4.797	4.814	VV	722	6598	0.07%	0.017%
20	4.828	4.814	4.878	VV	904	19566	0.21%	0.050%
21	4.882	4.878	4.889	VV	314	1690	0.02%	0.004%
22	4.899	4.889	4.921	VV	309	3924	0.04%	0.010%
23	4.929	4.921	4.945	VV	247	2274	0.02%	0.006%
24	4.949	4.945	4.965	VV	217	1773	0.02%	0.004%
25	4.969	4.965	4.986	VV	213	1280	0.01%	0.003%
26	5.018	5.000	5.030	VV	176	1788	0.02%	0.005%
27	5.046	5.030	5.057	VV	159	1326	0.01%	0.003%
28	5.067	5.057	5.084	VV	323	2383	0.03%	0.006%
29	5.089	5.084	5.093	VV	279	1147	0.01%	0.003%
30	5.096	5.093	5.113	VV	309	1721	0.02%	0.004%
31	5.142	5.113	5.148	VV	753	12241	0.13%	0.031%
32	5.150	5.148	5.154	VV	824	2336	0.03%	0.006%
33	5.158	5.154	5.188	VV	702	13187	0.14%	0.033%
34	5.221	5.188	5.258	VV	1525	37403	0.41%	0.095%
35	5.272	5.258	5.308	VV	760	12846	0.14%	0.033%
36	5.314	5.308	5.328	VV	290	3458	0.04%	0.009%

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37	5.341	5.328	5.346	VV	580	4522	0.05%	0.011%
38	5.358	5.346	5.395	VV	605	11003	0.12%	0.028%
39	5.402	5.395	5.418	VV	360	3530	0.04%	0.009%
40	5.421	5.418	5.432	VV	258	1706	0.02%	0.004%
41	5.438	5.432	5.465	VV	299	4611	0.05%	0.012%
42	5.468	5.465	5.484	VV	260	2583	0.03%	0.007%
43	5.488	5.484	5.505	VV	299	2810	0.03%	0.007%
44	5.523	5.505	5.535	VV	310	4396	0.05%	0.011%
45	5.546	5.542	5.560	VV	208	1745	0.02%	0.004%
46	5.573	5.560	5.584	VV	284	2191	0.02%	0.006%
47	5.612	5.593	5.622	VV	252	2656	0.03%	0.007%
48	5.625	5.622	5.630	VV	343	1374	0.02%	0.003%
49	5.634	5.630	5.639	VV	390	1686	0.02%	0.004%
50	5.644	5.639	5.688	VV	418	6227	0.07%	0.016%
51	5.691	5.688	5.713	VV	296	2309	0.03%	0.006%
52	5.718	5.713	5.747	VV	168	1529	0.02%	0.004%
53	5.759	5.747	5.773	VV	362	3115	0.03%	0.008%
54	5.782	5.773	5.787	VV	372	2330	0.03%	0.006%
55	5.793	5.787	5.805	VV	409	3544	0.04%	0.009%
56	5.811	5.805	5.816	VV	312	1660	0.02%	0.004%
57	5.834	5.816	5.852	VV	627	10225	0.11%	0.026%
58	5.866	5.852	5.888	VV	1116	15636	0.17%	0.040%
59	5.899	5.888	5.910	VV	666	7468	0.08%	0.019%
60	5.926	5.910	5.938	VV	695	10358	0.11%	0.026%
61	5.943	5.938	5.950	VV	858	4779	0.05%	0.012%
62	5.952	5.950	5.990	VV	753	11003	0.12%	0.028%
63	6.001	5.990	6.018	VV	481	4921	0.05%	0.012%
64	6.025	6.018	6.038	VV	393	3447	0.04%	0.009%
65	6.053	6.038	6.070	PV	376	4126	0.05%	0.010%
66	6.076	6.070	6.095	VV	279	3137	0.03%	0.008%
67	6.100	6.095	6.111	VV	364	2959	0.03%	0.007%
68	6.116	6.111	6.128	VV	370	2869	0.03%	0.007%
69	6.136	6.128	6.145	VV	374	2363	0.03%	0.006%
70	6.176	6.145	6.208	VV	1321	31769	0.35%	0.080%
71	6.228	6.208	6.262	VV	1129	22637	0.25%	0.057%
72	6.275	6.262	6.283	VV	708	7615	0.08%	0.019%
73	6.285	6.283	6.290	VV	640	2276	0.02%	0.006%
74	6.306	6.290	6.367	VV	1205	29160	0.32%	0.074%
75	6.386	6.367	6.392	VV	739	7986	0.09%	0.020%
76	6.396	6.392	6.405	VV	483	2863	0.03%	0.007%
77	6.409	6.405	6.460	VV	335	9388	0.10%	0.024%
78	6.465	6.460	6.482	VV	386	3081	0.03%	0.008%
79	6.489	6.482	6.503	VV	258	2323	0.03%	0.006%
80	6.512	6.503	6.545	VV	364	5105	0.06%	0.013%
81	6.551	6.545	6.557	VV	328	1490	0.02%	0.004%
82	6.585	6.557	6.616	VV	674	13013	0.14%	0.033%
83	6.642	6.616	6.655	VV	662	10015	0.11%	0.025%
84	6.685	6.655	6.710	VV	990	21777	0.24%	0.055%
85	6.719	6.710	6.738	VV	657	8981	0.10%	0.023%
86	6.762	6.738	6.808	VV	1276	26908	0.29%	0.068%
87	6.831	6.808	6.837	VV	475	6123	0.07%	0.016%
88	6.838	6.837	6.843	VV	426	1328	0.01%	0.003%
89	6.851	6.843	6.865	VV	430	4965	0.05%	0.013%

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90	6.867	6.865	6.892	VV	359	2715	0.03%	0.007%
91	6.915	6.892	6.942	VV	2295	30010	0.33%	0.076%
92	6.946	6.942	6.957	VV	519	3504	0.04%	0.009%
93	6.960	6.957	6.975	VV	426	4030	0.04%	0.010%
94	6.992	6.975	7.005	VV	748	10591	0.12%	0.027%
95	7.010	7.005	7.019	VV	651	4170	0.05%	0.011%
96	7.030	7.019	7.060	VV	718	14059	0.15%	0.036%
97	7.073	7.060	7.079	VV	881	7850	0.09%	0.020%
98	7.083	7.079	7.089	VV	633	2773	0.03%	0.007%
99	7.117	7.089	7.133	VV	685	13449	0.15%	0.034%
100	7.150	7.133	7.172	VV	728	9636	0.11%	0.024%
101	7.176	7.172	7.183	VV	320	1531	0.02%	0.004%
102	7.190	7.183	7.213	VV	280	1701	0.02%	0.004%
103	7.270	7.246	7.276	VV	387	3481	0.04%	0.009%
104	7.280	7.276	7.289	VV	321	1511	0.02%	0.004%
105	7.318	7.289	7.327	VV	981	12852	0.14%	0.033%
106	7.350	7.327	7.535	VV	880172	9122926	100.00%	23.099%
107	7.537	7.535	7.579	VV	1694	38391	0.42%	0.097%
108	7.584	7.579	7.617	VV	1360	25020	0.27%	0.063%
109	7.634	7.617	7.658	VV	1210	26105	0.29%	0.066%
110	7.660	7.658	7.675	VV	1038	8138	0.09%	0.021%
111	7.683	7.675	7.711	VV	1105	18003	0.20%	0.046%
112	7.714	7.711	7.744	VV	791	14022	0.15%	0.036%
113	7.756	7.744	7.778	VV	764	13635	0.15%	0.035%
114	7.782	7.778	7.797	VV	578	6194	0.07%	0.016%
115	7.803	7.797	7.825	VV	727	10412	0.11%	0.026%
116	7.841	7.825	7.865	VV	948	18362	0.20%	0.046%
117	7.870	7.865	7.903	VV	933	14955	0.16%	0.038%
118	7.924	7.903	7.947	VV	2962	43588	0.48%	0.110%
119	7.952	7.947	7.973	VV	1139	14184	0.16%	0.036%
120	7.976	7.973	8.000	VV	790	10702	0.12%	0.027%
121	8.024	8.000	8.054	VV	992	26539	0.29%	0.067%
122	8.068	8.054	8.095	VV	1129	21094	0.23%	0.053%
123	8.113	8.095	8.129	VV	979	16040	0.18%	0.041%
124	8.143	8.129	8.168	VV	1050	19181	0.21%	0.049%
125	8.199	8.168	8.418	VV	386935	5849062	64.11%	14.810%
126	8.423	8.418	8.452	VV	3161	61337	0.67%	0.155%
127	8.461	8.452	8.502	VV	3016	75167	0.82%	0.190%
128	8.519	8.502	8.550	VV	2178	55949	0.61%	0.142%
129	8.569	8.550	8.599	VV	1847	49321	0.54%	0.125%
130	8.636	8.599	8.685	VV	43031	547418	6.00%	1.386%
131	8.690	8.685	8.723	VV	2206	42017	0.46%	0.106%
132	8.745	8.723	8.811	VV	2998	110299	1.21%	0.279%
133	8.826	8.811	8.832	VV	1776	21241	0.23%	0.054%
134	8.836	8.832	8.857	VV	1892	22465	0.25%	0.057%
135	8.877	8.857	8.893	VV	1774	34029	0.37%	0.086%
136	8.901	8.893	8.908	VV	1730	14609	0.16%	0.037%
137	8.911	8.908	8.938	VV	1687	26875	0.29%	0.068%
138	8.945	8.938	8.957	VV	1504	15624	0.17%	0.040%
139	8.959	8.957	8.965	VV	1374	6513	0.07%	0.016%
140	8.970	8.965	9.006	VV	1377	30661	0.34%	0.078%
141	9.025	9.006	9.035	VV	1390	21802	0.24%	0.055%

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142	9.045	9.035	9.065	VV	1509	24750	0.27%	0.063%
143	9.070	9.065	9.080	VV	1463	12213	0.13%	0.031%
144	9.097	9.080	9.151	VV	1740	59103	0.65%	0.150%
145	9.156	9.151	9.163	VV	1145	7958	0.09%	0.020%
146	9.185	9.163	9.198	VV	1400	24805	0.27%	0.063%
147	9.211	9.198	9.218	VV	1236	13853	0.15%	0.035%
148	9.222	9.218	9.241	VV	1196	14921	0.16%	0.038%
149	9.261	9.241	9.277	VV	1429	26952	0.30%	0.068%
150	9.283	9.277	9.297	VV	1348	14759	0.16%	0.037%
151	9.346	9.297	9.376	VV	1977	68374	0.75%	0.173%
152	9.382	9.376	9.393	VV	1328	12971	0.14%	0.033%
153	9.396	9.393	9.403	VV	1354	7307	0.08%	0.019%
154	9.408	9.403	9.466	VV	1304	38545	0.42%	0.098%
155	9.472	9.466	9.506	VV	857	16974	0.19%	0.043%
156	9.510	9.506	9.533	VV	587	6862	0.08%	0.017%
157	9.546	9.533	9.555	PV	612	6075	0.07%	0.015%
158	9.566	9.555	9.575	VV	608	6913	0.08%	0.018%
159	9.580	9.575	9.603	VV	627	7925	0.09%	0.020%
160	9.613	9.603	9.628	VV	466	5976	0.07%	0.015%
161	9.638	9.628	9.650	VV	644	7459	0.08%	0.019%
162	9.746	9.650	9.953	VV	14873	1326702	14.54%	3.359%
163	9.962	9.953	9.980	VV	3155	48409	0.53%	0.123%
164	9.985	9.980	9.993	VV	3051	23378	0.26%	0.059%
165	9.997	9.993	10.047	VV	2902	86082	0.94%	0.218%
166	10.071	10.047	10.420	VV	125140	7478751	81.98%	18.936%
167	10.432	10.420	10.515	VV	4264	152577	1.67%	0.386%
168	10.524	10.515	10.555	VV	1832	36491	0.40%	0.092%
169	10.559	10.555	10.566	VV	1362	9046	0.10%	0.023%
170	10.595	10.566	10.601	VV	1483	28656	0.31%	0.073%
171	10.605	10.601	10.610	VV	1410	7787	0.09%	0.020%
172	10.623	10.610	10.647	VV	1493	28477	0.31%	0.072%
173	10.662	10.647	10.675	VV	1444	22103	0.24%	0.056%
174	10.679	10.675	10.687	VV	1211	8402	0.09%	0.021%
175	10.697	10.687	10.707	VV	1271	14538	0.16%	0.037%
176	10.723	10.707	10.749	VV	1532	32550	0.36%	0.082%
177	10.754	10.749	10.768	VV	1118	12231	0.13%	0.031%
178	10.773	10.768	10.787	VV	1267	12901	0.14%	0.033%
179	10.794	10.787	10.805	VV	1124	11056	0.12%	0.028%
180	10.812	10.805	10.825	VV	1255	12770	0.14%	0.032%
181	10.832	10.825	10.837	VV	1165	7635	0.08%	0.019%
182	10.848	10.837	10.853	VV	1054	9648	0.11%	0.024%
183	10.860	10.853	10.865	VV	1131	6847	0.08%	0.017%
184	10.872	10.865	10.878	VV	1007	7950	0.09%	0.020%
185	10.890	10.878	10.905	VV	1157	15932	0.17%	0.040%
186	10.936	10.905	10.961	VV	2329	50793	0.56%	0.129%
187	10.967	10.961	10.985	VV	1390	18892	0.21%	0.048%
188	10.998	10.985	11.015	VV	1874	28445	0.31%	0.072%
189	11.019	11.015	11.050	VV	1500	28328	0.31%	0.072%
190	11.060	11.050	11.087	VV	1266	23959	0.26%	0.061%
191	11.108	11.087	11.137	VV	1499	35229	0.39%	0.089%
192	11.142	11.137	11.172	VV	1046	20545	0.23%	0.052%
193	11.177	11.172	11.183	VV	998	6723	0.07%	0.017%
194	11.187	11.183	11.195	VV	1048	6862	0.08%	0.017%

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195	11.200	11.195	11.209	VV	981	7714	0.08%	0.020%
196	11.215	11.209	11.243	VV	1044	17854	0.20%	0.045%
197	11.276	11.243	11.409	VV	753971	8202109	89.91%	20.767%
198	11.418	11.409	11.424	VV	1741	14139	0.15%	0.036%
199	11.448	11.424	11.516	VV	3070	91819	1.01%	0.232%
200	11.531	11.516	11.545	VV	1217	19549	0.21%	0.049%
201	11.553	11.545	11.559	VV	1312	10271	0.11%	0.026%
202	11.609	11.559	11.613	VV	1376	40213	0.44%	0.102%
203	11.627	11.613	11.646	VV	1423	25354	0.28%	0.064%
204	11.667	11.646	11.680	VV	1348	22079	0.24%	0.056%
205	11.705	11.680	11.796	VV	6986	185783	2.04%	0.470%
206	11.802	11.796	11.811	VV	1177	9880	0.11%	0.025%
207	11.843	11.811	11.874	VV	1597	48348	0.53%	0.122%
208	11.879	11.874	11.903	VV	972	16463	0.18%	0.042%
209	11.920	11.903	11.933	VV	1076	18474	0.20%	0.047%
210	11.942	11.933	11.953	VV	1353	13798	0.15%	0.035%
211	11.957	11.953	11.968	VV	1070	8983	0.10%	0.023%
212	12.009	11.968	12.023	VV	1558	43070	0.47%	0.109%
213	12.028	12.023	12.063	VV	1634	33628	0.37%	0.085%
214	12.075	12.063	12.083	VV	1340	14817	0.16%	0.038%
215	12.123	12.083	12.169	VV	3184	87939	0.96%	0.223%
216	12.182	12.169	12.207	VV	1275	25046	0.27%	0.063%
217	12.222	12.207	12.236	VV	1424	20256	0.22%	0.051%
218	12.245	12.236	12.250	VV	870	6858	0.08%	0.017%
219	12.271	12.250	12.296	VV	1828	35510	0.39%	0.090%
220	12.305	12.296	12.320	VV	1034	12931	0.14%	0.033%
221	12.344	12.320	12.386	VV	2107	50076	0.55%	0.127%
222	12.390	12.386	12.399	VV	923	6296	0.07%	0.016%
223	12.404	12.399	12.418	VV	834	8507	0.09%	0.022%
224	12.425	12.418	12.444	VV	742	10373	0.11%	0.026%
225	12.452	12.444	12.458	VV	718	5297	0.06%	0.013%
226	12.463	12.458	12.467	VV	669	3466	0.04%	0.009%
227	12.470	12.467	12.477	VV	674	3506	0.04%	0.009%
228	12.487	12.477	12.497	VV	596	6318	0.07%	0.016%
229	12.504	12.497	12.516	VV	758	7345	0.08%	0.019%
230	12.519	12.516	12.523	VV	667	2817	0.03%	0.007%
231	12.544	12.523	12.552	VV	809	11727	0.13%	0.030%
232	12.559	12.552	12.573	VV	790	8352	0.09%	0.021%
233	12.577	12.573	12.597	VV	711	9218	0.10%	0.023%
234	12.608	12.597	12.614	VV	767	7075	0.08%	0.018%
235	12.695	12.614	12.784	VV	96046	1562923	17.13%	3.957%
236	12.791	12.784	12.857	VV	1971	65031	0.71%	0.165%
237	12.862	12.857	12.866	VV	1127	5537	0.06%	0.014%
238	12.877	12.866	12.902	VV	1124	21464	0.24%	0.054%
239	12.926	12.902	12.934	VV	1127	18859	0.21%	0.048%
240	12.938	12.934	12.948	VV	1007	7993	0.09%	0.020%
241	12.975	12.948	13.040	VV	1896	74242	0.81%	0.188%
242	13.050	13.040	13.096	VV	1026	29878	0.33%	0.076%
243	13.101	13.096	13.112	VV	892	7938	0.09%	0.020%
244	13.114	13.112	13.119	VV	906	3508	0.04%	0.009%
245	13.135	13.119	13.166	VV	1027	23022	0.25%	0.058%
246	13.172	13.166	13.177	VV	645	4002	0.04%	0.010%

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247	13.184	13.177	13.187	VV	669	4090	0.04%	0.010%
248	13.193	13.187	13.205	VV	765	6389	0.07%	0.016%
249	13.219	13.205	13.242	VV	657	12258	0.13%	0.031%
250	13.270	13.242	13.275	VV	703	11787	0.13%	0.030%
251	13.306	13.275	13.342	VV	891	30407	0.33%	0.077%
252	13.348	13.342	13.355	VV	811	5733	0.06%	0.015%
253	13.374	13.355	13.386	VV	811	13885	0.15%	0.035%
254	13.419	13.386	13.447	VV	1151	28299	0.31%	0.072%
255	13.475	13.447	13.519	VV	1182	37595	0.41%	0.095%
256	13.524	13.519	13.536	VV	608	5033	0.06%	0.013%
257	13.542	13.536	13.549	VV	464	3418	0.04%	0.009%
258	13.561	13.549	13.568	VV	682	5526	0.06%	0.014%
259	13.577	13.568	13.598	VV	568	7153	0.08%	0.018%
260	13.609	13.598	13.615	VV	567	4098	0.04%	0.010%
261	13.617	13.615	13.623	VV	464	1729	0.02%	0.004%
262	13.637	13.623	13.658	VV	628	9610	0.11%	0.024%
263	13.697	13.658	13.703	VV	634	13267	0.15%	0.034%
264	13.706	13.703	13.717	VV	651	4518	0.05%	0.011%
265	13.725	13.717	13.733	VV	630	5151	0.06%	0.013%
266	13.736	13.733	13.739	VV	598	1706	0.02%	0.004%
267	13.744	13.739	13.762	VV	609	7491	0.08%	0.019%
268	13.767	13.762	13.773	VV	573	3698	0.04%	0.009%
269	13.778	13.773	13.783	VV	677	3331	0.04%	0.008%
270	13.790	13.783	13.818	VV	594	9513	0.10%	0.024%
271	13.824	13.818	13.833	VV	508	4138	0.05%	0.010%
272	13.841	13.833	13.847	VV	581	3725	0.04%	0.009%
273	13.852	13.847	13.857	VV	602	3472	0.04%	0.009%
274	13.865	13.857	13.873	VV	606	5204	0.06%	0.013%
275	13.894	13.873	13.922	VV	663	16534	0.18%	0.042%
276	13.929	13.922	13.939	VV	646	5728	0.06%	0.015%
277	13.942	13.939	13.958	VV	611	5823	0.06%	0.015%
278	13.966	13.958	13.972	VV	575	4044	0.04%	0.010%
279	13.976	13.972	13.982	VV	585	3321	0.04%	0.008%
280	13.991	13.982	14.009	VV	676	9612	0.11%	0.024%
281	14.013	14.009	14.020	VV	662	3821	0.04%	0.010%
282	14.034	14.020	14.065	VV	621	13909	0.15%	0.035%
283	14.070	14.065	14.077	VV	547	3210	0.04%	0.008%
284	14.105	14.077	14.112	VV	712	12446	0.14%	0.032%
285	14.118	14.112	14.134	VV	702	7561	0.08%	0.019%
286	14.145	14.134	14.162	VV	763	10516	0.12%	0.027%
287	14.166	14.162	14.176	VV	665	4943	0.05%	0.013%
288	14.199	14.176	14.228	VV	770	16739	0.18%	0.042%
289	14.234	14.228	14.241	VV	512	3076	0.03%	0.008%
290	14.260	14.241	14.269	VV	506	7353	0.08%	0.019%
291	14.283	14.269	14.289	VV	572	5347	0.06%	0.014%
292	14.301	14.289	14.307	VV	781	6249	0.07%	0.016%
293	14.312	14.307	14.322	VV	640	4655	0.05%	0.012%
294	14.331	14.322	14.337	VV	605	4474	0.05%	0.011%
295	14.341	14.337	14.362	VV	693	7814	0.09%	0.020%
296	14.366	14.362	14.384	VV	462	4718	0.05%	0.012%
297	14.393	14.384	14.405	VV	523	5090	0.06%	0.013%
298	14.409	14.405	14.418	VV	443	2849	0.03%	0.007%
299	14.426	14.418	14.446	VV	448	5217	0.06%	0.013%

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300	14.456	14.446	14.459	VV	369	2403	0.03%	0.006%
301	14.485	14.459	14.492	VV	484	7302	0.08%	0.018%
302	14.495	14.492	14.506	VV	461	3202	0.04%	0.008%
303	14.537	14.506	14.541	VV	721	10860	0.12%	0.027%
304	14.567	14.541	14.601	VV	1083	26811	0.29%	0.068%
305	14.607	14.601	14.622	VV	528	5082	0.06%	0.013%
306	14.638	14.622	14.650	VV	501	6198	0.07%	0.016%
307	14.671	14.650	14.677	VV	414	5230	0.06%	0.013%
308	14.691	14.677	14.715	VV	517	9133	0.10%	0.023%
309	14.718	14.715	14.735	VV	433	3800	0.04%	0.010%
310	14.738	14.735	14.747	VV	376	1996	0.02%	0.005%
311	14.769	14.747	14.775	VV	368	4558	0.05%	0.012%
312	14.783	14.775	14.795	VV	343	3201	0.04%	0.008%
313	14.803	14.795	14.815	VV	294	2626	0.03%	0.007%
314	14.820	14.815	14.830	VV	257	1670	0.02%	0.004%
315	14.839	14.830	14.845	VV	284	1746	0.02%	0.004%
316	14.848	14.845	14.855	VV	313	1199	0.01%	0.003%
317	14.883	14.862	14.895	VV	246	3045	0.03%	0.008%
318	14.906	14.895	14.913	VV	213	1435	0.02%	0.004%
319	14.938	14.913	14.943	VV	323	3609	0.04%	0.009%
320	14.949	14.943	14.957	VV	344	2068	0.02%	0.005%
321	14.972	14.957	14.983	VV	368	3516	0.04%	0.009%
322	15.021	14.983	15.041	VV	411	10873	0.12%	0.028%
323	15.059	15.041	15.069	VV	591	6785	0.07%	0.017%
324	15.077	15.069	15.087	VV	496	4646	0.05%	0.012%
325	15.123	15.087	15.157	VV	1039	26835	0.29%	0.068%
326	15.161	15.157	15.190	VV	548	8510	0.09%	0.022%
327	15.198	15.190	15.202	VV	454	2593	0.03%	0.007%
328	15.206	15.202	15.246	VV	570	11856	0.13%	0.030%
329	15.252	15.246	15.299	VV	510	11394	0.12%	0.029%
330	15.304	15.299	15.311	VV	365	2120	0.02%	0.005%
331	15.320	15.311	15.332	VV	472	4007	0.04%	0.010%
332	15.341	15.332	15.356	VV	347	4181	0.05%	0.011%
333	15.375	15.356	15.380	VV	446	4521	0.05%	0.011%
334	15.397	15.380	15.411	VV	497	6280	0.07%	0.016%
335	15.417	15.411	15.436	VV	342	4390	0.05%	0.011%
336	15.439	15.436	15.443	VV	323	1246	0.01%	0.003%
337	15.447	15.443	15.463	VV	387	3905	0.04%	0.010%
338	15.466	15.463	15.480	VV	383	3366	0.04%	0.009%
339	15.488	15.480	15.513	VV	364	4338	0.05%	0.011%
340	15.519	15.513	15.523	VV	332	1148	0.01%	0.003%
341	15.528	15.523	15.538	VV	235	1418	0.02%	0.004%
342	15.554	15.538	15.568	VV	517	6548	0.07%	0.017%
343	15.589	15.568	15.647	VV	812	22941	0.25%	0.058%
344	15.653	15.647	15.667	VV	292	2102	0.02%	0.005%
345	15.696	15.667	15.707	VV	323	5729	0.06%	0.015%
346	15.762	15.707	15.792	VV	312	8158	0.09%	0.021%
347	15.797	15.792	15.827	VV	183	2255	0.02%	0.006%
348	15.870	15.827	15.885	PV	285	3322	0.04%	0.008%
349	15.937	15.885	15.960	VV	328	8163	0.09%	0.021%
350	15.973	15.960	15.988	VV	274	2726	0.03%	0.007%
351	15.995	15.988	16.003	VV	93	1103	0.01%	0.003%

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352	16.016	16.003	16.028	VV	287	2263	0.02%	0.006%
353	16.047	16.028	16.058	VV	269	3632	0.04%	0.009%
354	16.080	16.058	16.112	VV	393	8167	0.09%	0.021%
355	16.129	16.112	16.182	PV	260	7485	0.08%	0.019%
356	16.238	16.182	16.267	VV	506	18013	0.20%	0.046%
357	16.273	16.267	16.297	VV	448	5685	0.06%	0.014%
358	16.309	16.297	16.323	VV	370	4292	0.05%	0.011%
359	16.344	16.323	16.385	VV	387	10400	0.11%	0.026%
360	16.409	16.385	16.462	VV	498	15971	0.18%	0.040%
361	16.526	16.462	16.555	VV	999	29646	0.32%	0.075%
362	16.574	16.555	16.643	VV	664	20760	0.23%	0.053%
363	16.672	16.643	16.698	VV	382	8362	0.09%	0.021%
364	16.705	16.698	16.731	VV	276	3585	0.04%	0.009%
365	16.764	16.731	16.773	VV	343	5792	0.06%	0.015%
366	16.790	16.773	16.802	VV	422	4966	0.05%	0.013%
367	16.820	16.802	16.832	VV	347	5353	0.06%	0.014%
368	16.849	16.832	16.860	VV	445	5372	0.06%	0.014%
369	16.868	16.860	16.917	VV	413	9558	0.10%	0.024%
370	16.934	16.917	16.945	VV	373	4430	0.05%	0.011%
371	16.978	16.945	17.027	VV	843	23619	0.26%	0.060%
372	17.052	17.027	17.077	VV	460	9200	0.10%	0.023%
373	17.081	17.077	17.098	VV	297	2278	0.02%	0.006%
374	17.116	17.098	17.132	VV	376	5220	0.06%	0.013%
375	17.139	17.132	17.154	VV	411	4004	0.04%	0.010%
376	17.163	17.154	17.185	VV	349	5152	0.06%	0.013%
377	17.201	17.185	17.217	VV	387	3761	0.04%	0.010%
378	17.260	17.217	17.269	VV	429	8541	0.09%	0.022%
379	17.301	17.269	17.313	VV	503	7929	0.09%	0.020%
380	17.318	17.313	17.327	VV	390	2122	0.02%	0.005%
381	17.333	17.327	17.350	VV	400	3682	0.04%	0.009%
382	17.412	17.350	17.518	VV	1479	49990	0.55%	0.127%
383	17.550	17.518	17.605	VV	463	15018	0.16%	0.038%
384	17.610	17.605	17.621	VV	244	1700	0.02%	0.004%
385	17.656	17.621	17.707	VV	458	14143	0.16%	0.036%
386	17.718	17.707	17.765	VV	315	5380	0.06%	0.014%
387	17.829	17.765	17.872	PV	1069	30213	0.33%	0.076%
388	17.880	17.872	17.918	VV	427	8387	0.09%	0.021%
389	17.929	17.918	17.940	VV	302	3360	0.04%	0.009%
390	17.985	17.940	18.013	VV	395	10731	0.12%	0.027%
391	18.082	18.013	18.112	PV	396	12091	0.13%	0.031%
392	18.141	18.112	18.148	VV	412	5531	0.06%	0.014%
393	18.155	18.148	18.175	VV	350	3779	0.04%	0.010%
394	18.237	18.175	18.293	VV	1330	39441	0.43%	0.100%
395	18.363	18.293	18.403	VV	572	18035	0.20%	0.046%
396	18.490	18.403	18.525	VV	779	33888	0.37%	0.086%
397	18.539	18.525	18.588	VV	444	10214	0.11%	0.026%
398	18.638	18.588	18.676	PV	878	22296	0.24%	0.056%
399	18.683	18.676	18.710	VV	301	2663	0.03%	0.007%
Sum of corrected areas:					39495268			

Aromatic EPH 030725.M Tue Mar 11 14:13:57 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031125AL\
Data File : FC068395.D
Signal(s) : FID1A.ch
Acq On : 11 Mar 2025 11:48
Operator : YP/AJ
Sample : Q1514-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
ENV-103-GW01

Integration File: autoint1.e
Quant Time: Mar 11 13:42:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
Quant Title : GC Extractables
QLast Update : Thu Mar 06 12:39:25 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...	12.832	3889203	33.579 ug/ml
Spiked Amount	50.000	Recovery	= 67.16%

Target Compounds

(f)=RT Delta > 1/2 Window

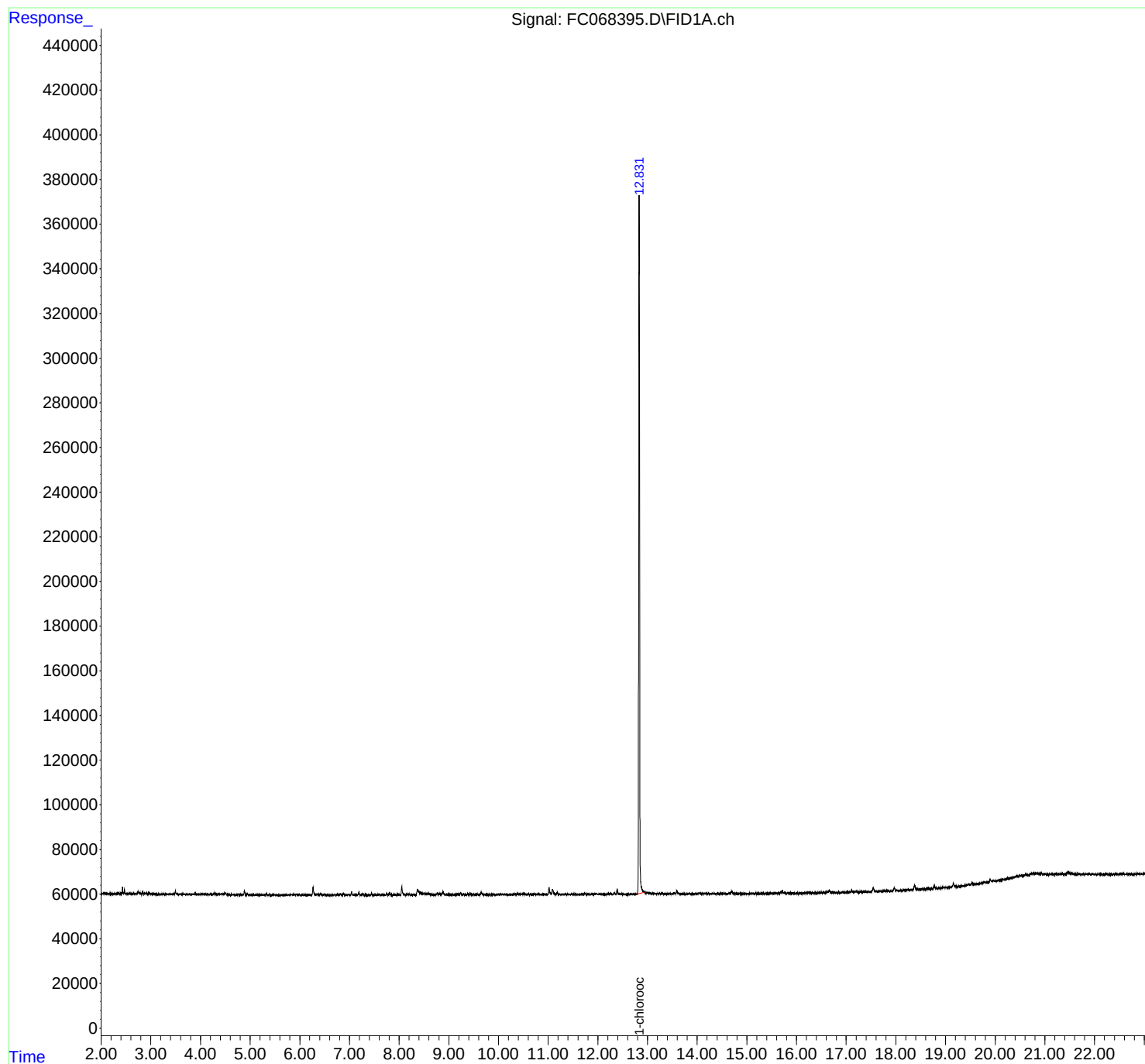
(m)=manual int.

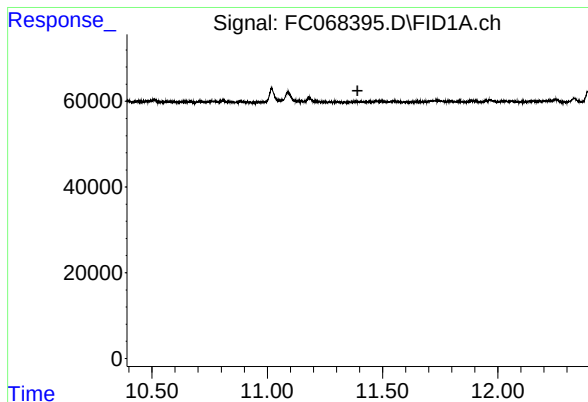
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031125AL\
Data File : FC068395.D
Signal(s) : FID1A.ch
Acq On : 11 Mar 2025 11:48
Operator : YP/AJ
Sample : Q1514-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
ENV-103-GW01

Integration File: autoint1.e
Quant Time: Mar 11 13:42:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
Quant Title : GC Extractables
QLast Update : Thu Mar 06 12:39:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

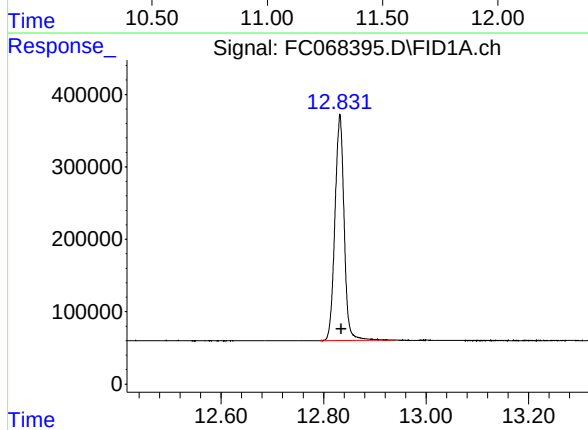




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.391 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
ENV-103-GW01



#12 1-chlorooctadecane (SURR)

R.T.: 12.832 min
Delta R.T.: -0.003 min
Response: 3889203
Conc: 33.58 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031125AL\
 Data File : FC068395.D
 Signal(s) : FID1A.ch
 Acq On : 11 Mar 2025 11:48
 Sample : Q1514-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.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	2.320	2.305	2.331	BV	120	1246	0.03%	0.014%
2	2.357	2.331	2.395	VV	318	5174	0.13%	0.057%
3	2.431	2.395	2.453	VV	3143	27845	0.70%	0.309%
4	2.471	2.453	2.488	VV	1910	16797	0.42%	0.186%
5	2.500	2.488	2.544	VV	204	4313	0.11%	0.048%
6	2.588	2.544	2.624	VV	252	6828	0.17%	0.076%
7	2.657	2.624	2.678	VV	380	6735	0.17%	0.075%
8	2.694	2.678	2.705	VV	232	2687	0.07%	0.030%
9	2.743	2.705	2.820	VV	1031	27967	0.71%	0.310%
10	2.838	2.820	2.892	VV	1175	18543	0.47%	0.206%
11	2.917	2.892	2.945	VV	393	8030	0.20%	0.089%
12	2.960	2.945	3.005	VV	727	11367	0.29%	0.126%
13	3.014	3.005	3.051	VV	211	4257	0.11%	0.047%
14	3.055	3.051	3.079	VV	153	1829	0.05%	0.020%
15	3.088	3.079	3.111	VV	121	1656	0.04%	0.018%
16	3.116	3.111	3.134	VV	130	1519	0.04%	0.017%
17	3.148	3.134	3.195	VV	154	3891	0.10%	0.043%
18	3.208	3.195	3.238	VV	259	3853	0.10%	0.043%
19	3.258	3.238	3.272	VV	200	2563	0.06%	0.028%
20	3.280	3.272	3.294	VV	122	1403	0.04%	0.016%
21	3.303	3.294	3.358	VV	154	3369	0.09%	0.037%
22	3.377	3.358	3.395	VV	223	3653	0.09%	0.041%
23	3.404	3.395	3.467	VV	226	6897	0.17%	0.077%
24	3.496	3.467	3.557	VV	1752	21890	0.55%	0.243%
25	3.572	3.557	3.606	VV	236	4951	0.12%	0.055%
26	3.627	3.606	3.645	VV	253	3452	0.09%	0.038%
27	3.659	3.645	3.668	VV	165	1387	0.04%	0.015%
28	3.683	3.668	3.751	VV	159	5480	0.14%	0.061%
29	3.804	3.764	3.832	VV	192	5088	0.13%	0.056%
30	3.844	3.832	3.872	VV	197	3680	0.09%	0.041%
31	3.892	3.872	3.941	VV	595	13207	0.33%	0.147%
32	3.954	3.941	3.995	VV	211	4982	0.13%	0.055%
33	4.036	3.995	4.124	VV	594	17782	0.45%	0.197%
34	4.159	4.124	4.171	VV	244	4897	0.12%	0.054%
35	4.189	4.171	4.205	VV	294	4937	0.12%	0.055%
36	4.213	4.205	4.244	VV	233	4595	0.12%	0.051%

					rt	ret	area	%area
37	4.277	4.244	4.341	VV	763	21697	0.55%	0.241%
38	4.361	4.341	4.395	VV	496	10825	0.27%	0.120%
39	4.425	4.395	4.449	VV	793	13855	0.35%	0.154%
40	4.480	4.449	4.498	VV	670	12848	0.32%	0.143%
41	4.510	4.498	4.595	VV	972	15914	0.40%	0.177%
42	4.601	4.595	4.665	VV	162	5319	0.13%	0.059%
43	4.667	4.665	4.697	VV	192	1450	0.04%	0.016%
44	4.735	4.697	4.743	PV	99	1606	0.04%	0.018%
45	4.759	4.743	4.775	VV	123	1454	0.04%	0.016%
46	4.808	4.775	4.833	VV	201	3652	0.09%	0.041%
47	4.886	4.833	4.923	VV	2078	28318	0.71%	0.314%
48	4.943	4.923	4.975	VV	557	8095	0.20%	0.090%
49	4.984	4.975	5.009	VV	163	2313	0.06%	0.026%
50	5.018	5.009	5.035	VV	147	1282	0.03%	0.014%
51	5.049	5.035	5.058	VV	191	1804	0.05%	0.020%
52	5.074	5.058	5.091	VV	217	2614	0.07%	0.029%
53	5.110	5.091	5.168	VV	130	4073	0.10%	0.045%
54	5.190	5.168	5.205	VV	204	2534	0.06%	0.028%
55	5.209	5.205	5.228	VV	139	1033	0.03%	0.011%
56	5.232	5.228	5.238	VV	127	493	0.01%	0.005%
57	5.254	5.238	5.278	VV	209	2584	0.07%	0.029%
58	5.295	5.278	5.311	VV	279	3626	0.09%	0.040%
59	5.329	5.311	5.363	VV	736	10364	0.26%	0.115%
60	5.383	5.363	5.445	VV	298	7942	0.20%	0.088%
61	5.460	5.445	5.515	VV	288	6760	0.17%	0.075%
62	5.523	5.515	5.556	VV	157	2779	0.07%	0.031%
63	5.578	5.556	5.611	VV	202	3564	0.09%	0.040%
64	5.711	5.611	5.738	PV	186	8036	0.20%	0.089%
65	5.743	5.738	5.771	VV	122	2597	0.07%	0.029%
66	5.838	5.771	5.867	VV	294	11936	0.30%	0.133%
67	5.925	5.867	5.949	VV	460	13839	0.35%	0.154%
68	5.958	5.949	5.971	VV	230	3055	0.08%	0.034%
69	5.988	5.971	6.038	VV	458	9824	0.25%	0.109%
70	6.052	6.038	6.086	VV	240	4639	0.12%	0.052%
71	6.100	6.086	6.110	VV	132	1124	0.03%	0.012%
72	6.135	6.110	6.199	VV	145	4671	0.12%	0.052%
73	6.267	6.199	6.327	VV	3558	59281	1.50%	0.658%
74	6.346	6.327	6.398	VV	588	14347	0.36%	0.159%
75	6.413	6.398	6.465	VV	701	13176	0.33%	0.146%
76	6.485	6.465	6.531	VV	321	6176	0.16%	0.069%
77	6.560	6.531	6.608	VV	185	4201	0.11%	0.047%
78	6.628	6.608	6.678	PV	179	4344	0.11%	0.048%
79	6.704	6.678	6.731	VV	391	5984	0.15%	0.066%
80	6.758	6.731	6.791	VV	475	10217	0.26%	0.113%
81	6.808	6.791	6.851	VV	465	10699	0.27%	0.119%
82	6.882	6.851	6.953	VV	730	17035	0.43%	0.189%
83	6.977	6.953	7.003	VV	195	4702	0.12%	0.052%
84	7.043	7.003	7.075	VV	1591	20188	0.51%	0.224%
85	7.109	7.075	7.138	VV	310	7765	0.20%	0.086%
86	7.190	7.138	7.231	VV	1007	22242	0.56%	0.247%
87	7.245	7.231	7.303	VV	359	11030	0.28%	0.122%
88	7.353	7.303	7.410	VV	207	6343	0.16%	0.070%
89	7.444	7.410	7.480	VV	753	9178	0.23%	0.102%

					rteres			
90	7.542	7.480	7.581	VV	180	8067	0.20%	0.090%
91	7.605	7.581	7.688	VV	331	11283	0.28%	0.125%
92	7.706	7.688	7.731	VV	186	3318	0.08%	0.037%
93	7.751	7.731	7.778	VV	874	11332	0.29%	0.126%
94	7.806	7.778	7.888	VV	1312	21061	0.53%	0.234%
95	7.911	7.888	7.935	VV	117	2997	0.08%	0.033%
96	7.964	7.935	8.028	VV	455	11070	0.28%	0.123%
97	8.055	8.028	8.126	VV	3772	60725	1.53%	0.674%
98	8.160	8.126	8.228	VV	462	19146	0.48%	0.213%
99	8.245	8.228	8.268	VV	319	4557	0.12%	0.051%
100	8.283	8.268	8.335	VV	338	5358	0.14%	0.059%
101	8.370	8.335	8.488	VV	2301	93420	2.36%	1.037%
102	8.503	8.488	8.524	VV	623	12553	0.32%	0.139%
103	8.543	8.524	8.570	VV	641	15435	0.39%	0.171%
104	8.593	8.570	8.688	VV	820	27612	0.70%	0.307%
105	8.703	8.688	8.726	VV	322	4520	0.11%	0.050%
106	8.772	8.726	8.795	VV	994	16949	0.43%	0.188%
107	8.807	8.795	8.850	VV	718	16234	0.41%	0.180%
108	8.885	8.850	8.941	VV	1653	33503	0.85%	0.372%
109	8.958	8.941	8.982	VV	517	6559	0.17%	0.073%
110	9.007	8.982	9.038	VV	364	5982	0.15%	0.066%
111	9.060	9.038	9.085	VV	223	5046	0.13%	0.056%
112	9.169	9.085	9.211	VV	442	17797	0.45%	0.198%
113	9.237	9.211	9.271	VV	750	13098	0.33%	0.145%
114	9.295	9.271	9.348	VV	347	9129	0.23%	0.101%
115	9.382	9.348	9.408	VV	478	8772	0.22%	0.097%
116	9.431	9.408	9.497	VV	889	16914	0.43%	0.188%
117	9.517	9.497	9.544	VV	156	3351	0.08%	0.037%
118	9.573	9.544	9.628	VV	296	7487	0.19%	0.083%
119	9.653	9.628	9.700	VV	1160	20890	0.53%	0.232%
120	9.730	9.700	9.848	VV	299	13553	0.34%	0.150%
121	9.864	9.848	9.882	VV	93	1552	0.04%	0.017%
122	9.962	9.882	9.988	VV	302	7216	0.18%	0.080%
123	10.040	9.988	10.058	VV	376	8904	0.22%	0.099%
124	10.075	10.058	10.105	VV	304	5908	0.15%	0.066%
125	10.126	10.105	10.195	VV	257	7981	0.20%	0.089%
126	10.247	10.195	10.297	PV	313	11908	0.30%	0.132%
127	10.322	10.297	10.348	VV	426	8858	0.22%	0.098%
128	10.390	10.348	10.425	VV	577	17295	0.44%	0.192%
129	10.509	10.425	10.551	VV	747	27966	0.71%	0.310%
130	10.564	10.551	10.628	VV	269	9728	0.25%	0.108%
131	10.664	10.628	10.688	VV	213	6390	0.16%	0.071%
132	10.706	10.688	10.735	VV	293	5949	0.15%	0.066%
133	10.772	10.735	10.787	VV	290	7535	0.19%	0.084%
134	10.808	10.787	10.862	VV	409	9849	0.25%	0.109%
135	10.887	10.862	10.951	VV	309	6261	0.16%	0.070%
136	11.019	10.951	11.065	VV	3266	57700	1.46%	0.641%
137	11.090	11.065	11.153	VV	2471	51133	1.29%	0.568%
138	11.182	11.153	11.361	VV	1084	27190	0.69%	0.302%
139	11.397	11.361	11.448	VV	139	7624	0.19%	0.085%
140	11.474	11.448	11.524	VV	363	9880	0.25%	0.110%
141	11.550	11.524	11.598	VV	317	7305	0.18%	0.081%

					rteres			
142	11.741	11.598	11.774	PV	430	22340	0.56%	0.248%
143	11.793	11.774	11.817	VV	261	5290	0.13%	0.059%
144	11.837	11.817	11.865	VV	273	4714	0.12%	0.052%
145	11.884	11.865	11.931	VV	388	8470	0.21%	0.094%
146	11.965	11.931	12.004	VV	516	12668	0.32%	0.141%
147	12.027	12.004	12.096	VV	187	9406	0.24%	0.104%
148	12.146	12.096	12.180	VV	276	8162	0.21%	0.091%
149	12.250	12.180	12.295	VV	711	20359	0.51%	0.226%
150	12.331	12.295	12.365	VV	989	15160	0.38%	0.168%
151	12.390	12.365	12.471	VV	2454	39755	1.00%	0.441%
152	12.510	12.471	12.551	VV	280	7654	0.19%	0.085%
153	12.565	12.551	12.605	VV	144	1485	0.04%	0.016%
154	12.643	12.605	12.728	PV	202	8128	0.21%	0.090%
155	12.831	12.728	12.978	VV	311349	3961325	100.00%	43.978%
156	12.999	12.978	13.098	VV	832	40259	1.02%	0.447%
157	13.113	13.098	13.181	VV	433	16431	0.41%	0.182%
158	13.199	13.181	13.238	VV	351	9204	0.23%	0.102%
159	13.283	13.238	13.368	VV	456	20396	0.51%	0.226%
160	13.450	13.368	13.504	VV	323	18546	0.47%	0.206%
161	13.538	13.504	13.565	VV	717	14260	0.36%	0.158%
162	13.589	13.565	13.786	VV	1570	41196	1.04%	0.457%
163	13.836	13.786	13.871	PV	211	7462	0.19%	0.083%
164	13.888	13.871	13.908	VV	137	2422	0.06%	0.027%
165	13.932	13.908	14.001	VV	184	6402	0.16%	0.071%
166	14.035	14.001	14.128	VV	509	18533	0.47%	0.206%
167	14.152	14.128	14.184	VV	256	5163	0.13%	0.057%
168	14.231	14.184	14.258	VV	193	6141	0.16%	0.068%
169	14.301	14.258	14.372	VV	308	13301	0.34%	0.148%
170	14.455	14.372	14.521	VV	230	14207	0.36%	0.158%
171	14.542	14.521	14.608	VV	229	7087	0.18%	0.079%
172	14.693	14.608	14.775	VV	1231	40173	1.01%	0.446%
173	14.798	14.775	14.845	VV	168	4699	0.12%	0.052%
174	14.863	14.845	14.881	VV	254	3505	0.09%	0.039%
175	14.895	14.881	14.937	VV	159	3344	0.08%	0.037%
176	14.954	14.937	14.981	VV	72	1621	0.04%	0.018%
177	14.998	14.981	15.055	VV	103	2546	0.06%	0.028%
178	15.115	15.055	15.191	VV	251	11027	0.28%	0.122%
179	15.209	15.191	15.288	PV	161	5876	0.15%	0.065%
180	15.437	15.288	15.457	VV	198	10293	0.26%	0.114%
181	15.501	15.457	15.534	VV	191	7106	0.18%	0.079%
182	15.566	15.534	15.641	VV	169	7889	0.20%	0.088%
183	15.714	15.641	15.828	VV	956	35283	0.89%	0.392%
184	15.852	15.828	15.868	PV	264	3451	0.09%	0.038%
185	15.890	15.868	16.038	VV	252	9466	0.24%	0.105%
186	16.195	16.038	16.224	PV	292	11070	0.28%	0.123%
187	16.244	16.224	16.301	VV	223	5271	0.13%	0.059%
188	16.412	16.301	16.435	VV	174	8276	0.21%	0.092%
189	16.475	16.435	16.505	VV	134	3354	0.08%	0.037%
190	16.552	16.505	16.584	VV	295	6240	0.16%	0.069%
191	16.659	16.584	16.788	VV	1197	38397	0.97%	0.426%
192	16.851	16.788	16.881	PV	101	4052	0.10%	0.045%
193	17.110	16.881	17.167	VV	950	28965	0.73%	0.322%
194	17.212	17.167	17.271	PV	379	10891	0.27%	0.121%

195	17.295	17.271	17.325	VV	165	3937	0.10%	0.044%
196	17.342	17.325	17.361	VV	96	1621	0.04%	0.018%
197	17.382	17.361	17.400	VV	123	1608	0.04%	0.018%
198	17.545	17.400	17.631	PV	1761	47281	1.19%	0.525%
199	17.708	17.631	17.771	VV	209	12116	0.31%	0.135%
200	17.823	17.771	17.881	PV	359	10325	0.26%	0.115%
201	17.967	17.881	18.031	PV	1374	31581	0.80%	0.351%
202	18.159	18.031	18.177	VV	138	5819	0.15%	0.065%
203	18.228	18.177	18.264	VV	198	5695	0.14%	0.063%
204	18.376	18.264	18.485	VV	2006	49972	1.26%	0.555%
205	18.543	18.485	18.564	VV	150	4728	0.12%	0.052%
206	18.580	18.564	18.595	VV	105	1396	0.04%	0.015%
207	18.657	18.595	18.698	VV	319	8384	0.21%	0.093%
208	18.772	18.698	18.858	PV	1197	28800	0.73%	0.320%
209	18.945	18.858	18.985	VV	372	11773	0.30%	0.131%
210	19.022	18.985	19.040	PV	143	2925	0.07%	0.032%
211	19.158	19.040	19.235	VV	1578	40852	1.03%	0.454%
212	19.463	19.235	19.501	VV	731	46035	1.16%	0.511%
213	19.533	19.501	19.575	VV	1170	31972	0.81%	0.355%
214	19.793	19.575	19.831	VV	1009	105243	2.66%	1.168%
215	19.899	19.831	19.925	VV	1848	65734	1.66%	0.730%
216	19.959	19.925	19.998	VV	1377	54969	1.39%	0.610%
217	20.257	19.998	20.291	VV	1962	256886	6.48%	2.852%
218	20.423	20.291	20.451	VV	2568	202914	5.12%	2.253%
219	20.610	20.451	20.646	VV	3104	302980	7.65%	3.364%
220	20.775	20.646	20.825	VV	3144	311933	7.87%	3.463%
221	20.840	20.825	20.900	VV	2989	127111	3.21%	1.411%
222	20.931	20.900	20.979	VV	2845	123264	3.11%	1.368%
223	21.011	20.979	21.099	VV	2381	162050	4.09%	1.799%
224	21.119	21.099	21.140	VV	2137	50918	1.29%	0.565%
225	21.185	21.140	21.201	VV	2036	74396	1.88%	0.826%
226	21.224	21.201	21.241	VV	1998	46359	1.17%	0.515%
227	21.319	21.241	21.341	VV	1825	109966	2.78%	1.221%
228	21.353	21.341	21.388	VV	1801	49122	1.24%	0.545%
229	21.465	21.388	21.618	VV	2271	230065	5.81%	2.554%
230	21.653	21.618	21.725	VV	1253	73777	1.86%	0.819%
231	21.740	21.725	21.768	VV	1067	25110	0.63%	0.279%
232	21.776	21.768	21.925	VV	979	68553	1.73%	0.761%
233	21.938	21.925	21.968	VV	563	13079	0.33%	0.145%
234	21.994	21.968	22.021	VV	477	13292	0.34%	0.148%
235	22.036	22.021	22.058	VV	397	7200	0.18%	0.080%
236	22.091	22.058	22.176	VV	279	11112	0.28%	0.123%
Sum of corrected areas:						9007600		

Aliphatic EPH 030625.M Tue Mar 11 13:53:41 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
 Data File : FD049185.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 11:48
 Operator : YP/AJ
 Sample : Q1514-08
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 ENV-103-GW01

Integration File: autoint1.e
 Quant Time: Mar 11 13:59:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 10:50:40 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	8734113	57.440 ug/ml
Spiked Amount 50.000		Recovery =	114.88%
6) S 2-Fluorobiphenyl (SURR)	8.202	5165352	64.852 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	129.70%
11) S ortho-Terphenyl (SURR)	11.235	7762988	44.409 ug/ml
Spiked Amount 50.000		Recovery =	88.82%

Target Compounds

(f)=RT Delta > 1/2 Window

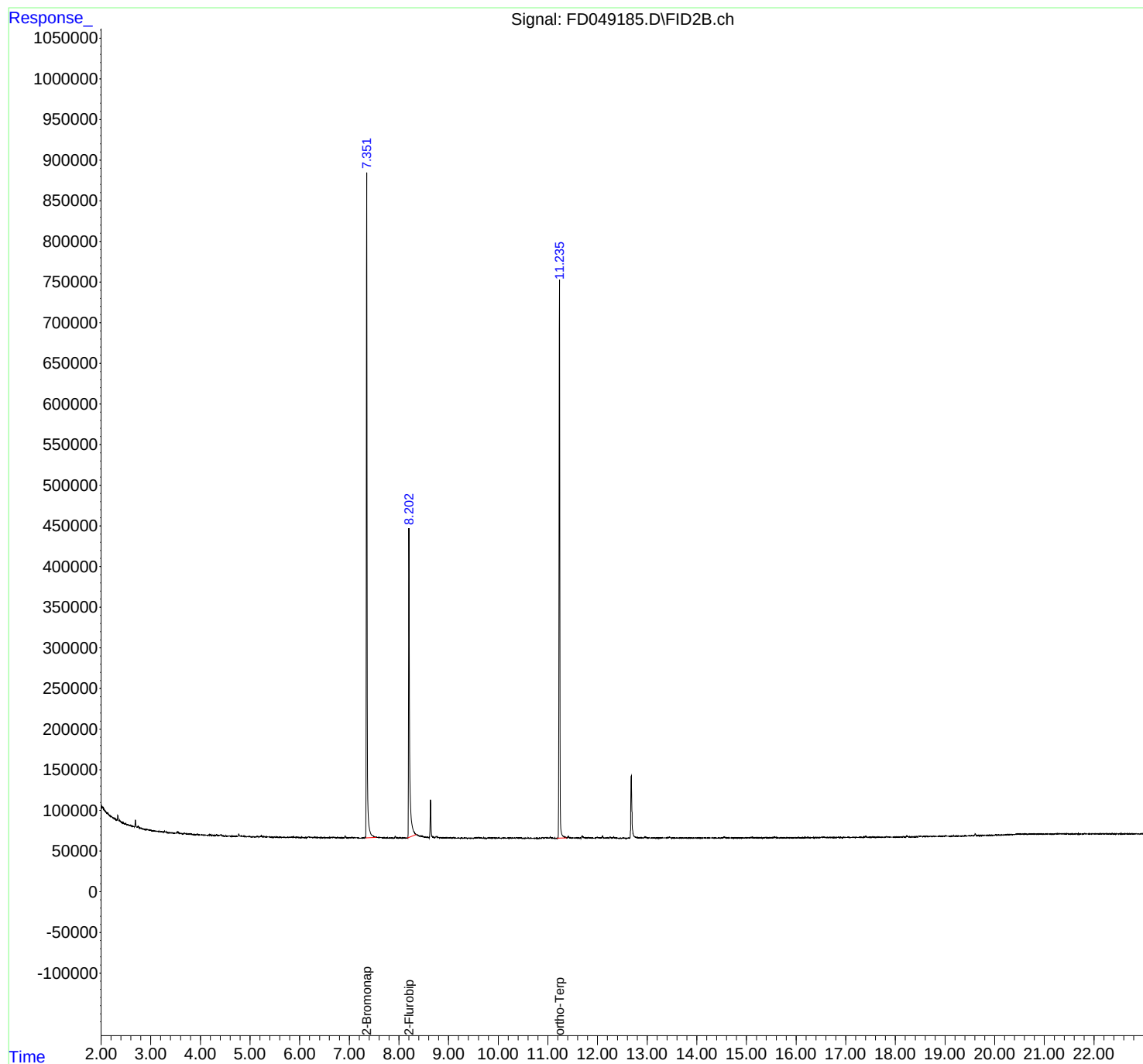
(m)=manual int.

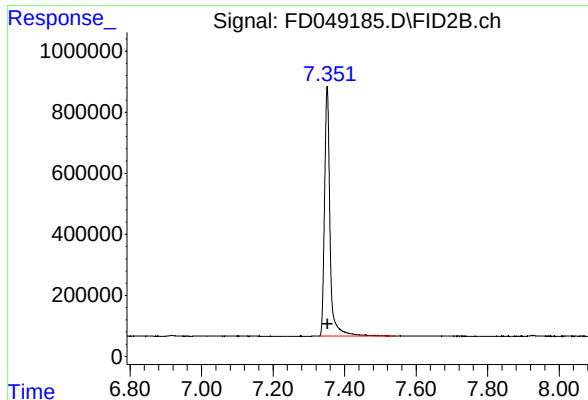
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
Data File : FD049185.D
Signal(s) : FID2B.ch
Acq On : 11 Mar 2025 11:48
Operator : YP/AJ
Sample : Q1514-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
ENV-103-GW01

Integration File: autoint1.e
Quant Time: Mar 11 13:59:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
Quant Title : GC Extractables
QLast Update : Mon Mar 10 10:50:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

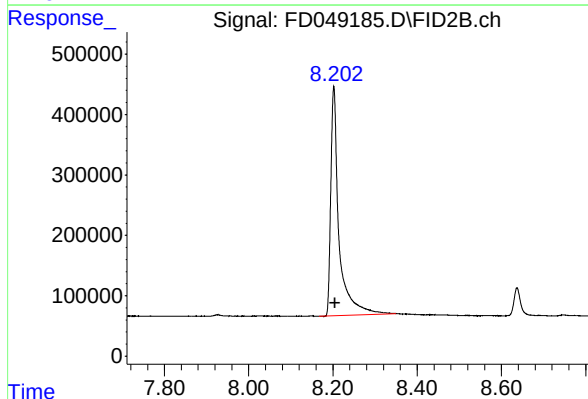




#4 2-Bromonaphthalene (SURR)

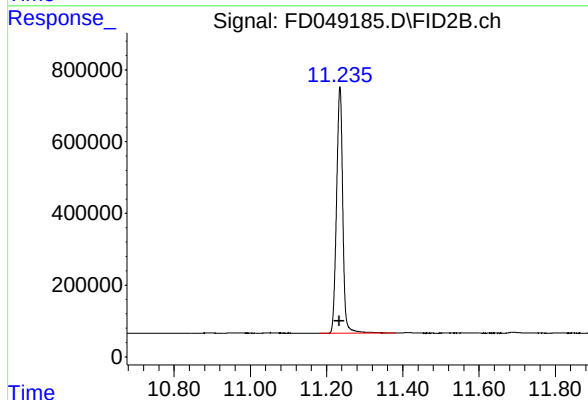
R.T.: 7.351 min
Delta R.T.: -0.001 min
Response: 8734113
Conc: 57.44 ug/ml

Instrument :
FID_D
ClientSampleId :
ENV-103-GW01



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: -0.003 min
Response: 5165352
Conc: 64.85 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: 0.002 min
Response: 7762988
Conc: 44.41 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
 Data File : FD049185.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 11:48
 Sample : Q1514-08
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.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	4.077	4.064	4.100	PV	246	2882	0.03%	0.009%
2	4.104	4.100	4.119	PV	219	1624	0.02%	0.005%
3	4.130	4.129	4.149	VV	216	1484	0.02%	0.004%
4	4.189	4.149	4.207	VV	773	13353	0.15%	0.040%
5	4.223	4.207	4.231	VV	522	4897	0.06%	0.015%
6	4.250	4.231	4.289	VV	592	10274	0.12%	0.031%
7	4.293	4.289	4.304	VV	423	1673	0.02%	0.005%
8	4.326	4.304	4.366	VV	940	18244	0.21%	0.055%
9	4.379	4.366	4.394	VV	835	9831	0.11%	0.029%
10	4.409	4.394	4.432	VV	1364	21644	0.24%	0.065%
11	4.435	4.432	4.494	VV	652	9728	0.11%	0.029%
12	4.505	4.494	4.547	VV	401	6714	0.08%	0.020%
13	4.561	4.547	4.572	PV	273	2261	0.03%	0.007%
14	4.584	4.572	4.619	VV	537	9369	0.11%	0.028%
15	4.636	4.619	4.668	VV	329	3010	0.03%	0.009%
16	4.695	4.681	4.715	VV	362	4434	0.05%	0.013%
17	4.719	4.715	4.722	VV	331	1155	0.01%	0.003%
18	4.726	4.722	4.754	VV	351	4591	0.05%	0.014%
19	4.773	4.754	4.822	VV	3323	49053	0.55%	0.147%
20	4.833	4.822	4.862	VV	1098	13215	0.15%	0.040%
21	4.865	4.862	4.874	VV	355	1004	0.01%	0.003%
22	4.892	4.884	4.902	VV	243	1203	0.01%	0.004%
23	4.909	4.902	4.944	VV	208	2921	0.03%	0.009%
24	4.949	4.944	4.964	VV	419	2643	0.03%	0.008%
25	4.974	4.964	4.980	VV	443	2461	0.03%	0.007%
26	4.982	4.980	4.989	VV	364	1209	0.01%	0.004%
27	4.993	4.989	4.998	VV	360	1389	0.02%	0.004%
28	5.002	4.998	5.013	VV	413	1812	0.02%	0.005%
29	5.026	5.013	5.033	PV	281	1705	0.02%	0.005%
30	5.067	5.044	5.114	VV	381	8905	0.10%	0.027%
31	5.146	5.114	5.169	VV	553	11841	0.13%	0.036%
32	5.177	5.169	5.196	VV	561	7600	0.09%	0.023%
33	5.225	5.196	5.270	VV	1408	36378	0.41%	0.109%
34	5.280	5.270	5.309	VV	683	10827	0.12%	0.032%
35	5.312	5.309	5.322	VV	352	2269	0.03%	0.007%
36	5.346	5.322	5.408	VV	540	20882	0.24%	0.063%

					rteres			
37	5.417	5.408	5.452	VV	387	3971	0.04%	0.012%
38	5.470	5.452	5.487	PV	308	3836	0.04%	0.012%
39	5.495	5.487	5.520	VV	311	4075	0.05%	0.012%
40	5.528	5.520	5.542	VV	275	3089	0.03%	0.009%
41	5.548	5.542	5.557	VV	242	1818	0.02%	0.005%
42	5.584	5.557	5.647	VV	330	11535	0.13%	0.035%
43	5.674	5.647	5.711	VV	320	6157	0.07%	0.018%
44	5.765	5.711	5.784	PV	442	8264	0.09%	0.025%
45	5.789	5.784	5.816	VV	343	4916	0.06%	0.015%
46	5.870	5.816	5.922	VV	1294	28195	0.32%	0.085%
47	5.932	5.922	6.040	VV	498	17449	0.20%	0.052%
48	6.044	6.040	6.062	VV	390	2117	0.02%	0.006%
49	6.074	6.062	6.089	VV	187	1688	0.02%	0.005%
50	6.123	6.089	6.135	VV	313	3790	0.04%	0.011%
51	6.174	6.135	6.212	PV	1316	26465	0.30%	0.079%
52	6.225	6.212	6.254	VV	887	14062	0.16%	0.042%
53	6.275	6.254	6.285	VV	427	6052	0.07%	0.018%
54	6.305	6.285	6.352	VV	916	20817	0.24%	0.062%
55	6.378	6.352	6.404	VV	630	12602	0.14%	0.038%
56	6.413	6.404	6.467	VV	347	8776	0.10%	0.026%
57	6.489	6.467	6.539	PV	330	10989	0.12%	0.033%
58	6.544	6.539	6.567	VV	256	3197	0.04%	0.010%
59	6.586	6.567	6.615	VV	567	9889	0.11%	0.030%
60	6.636	6.615	6.665	VV	663	14012	0.16%	0.042%
61	6.686	6.665	6.742	VV	865	23682	0.27%	0.071%
62	6.764	6.742	6.799	VV	1135	19374	0.22%	0.058%
63	6.836	6.799	6.890	VV	452	16499	0.19%	0.049%
64	6.917	6.890	6.970	PV	2594	38741	0.44%	0.116%
65	6.989	6.970	7.015	VV	685	13016	0.15%	0.039%
66	7.032	7.015	7.060	VV	725	15285	0.17%	0.046%
67	7.073	7.060	7.105	VV	806	14687	0.17%	0.044%
68	7.119	7.105	7.131	VV	661	8435	0.10%	0.025%
69	7.144	7.131	7.182	VV	730	13365	0.15%	0.040%
70	7.191	7.182	7.207	VV	241	2756	0.03%	0.008%
71	7.217	7.207	7.239	VV	244	2111	0.02%	0.006%
72	7.280	7.239	7.302	PV	393	8975	0.10%	0.027%
73	7.351	7.302	7.544	VV	820089	8847243	100.00%	26.538%
74	7.554	7.544	7.577	VV	1279	23951	0.27%	0.072%
75	7.585	7.577	7.620	VV	1376	25370	0.29%	0.076%
76	7.636	7.620	7.673	VV	1115	25982	0.29%	0.078%
77	7.686	7.673	7.792	VV	832	34338	0.39%	0.103%
78	7.812	7.792	7.830	VV	363	6840	0.08%	0.021%
79	7.858	7.830	7.869	VV	512	8552	0.10%	0.026%
80	7.926	7.869	7.997	VV	2654	58099	0.66%	0.174%
81	8.029	7.997	8.057	VV	687	19416	0.22%	0.058%
82	8.066	8.057	8.097	VV	581	9959	0.11%	0.030%
83	8.118	8.097	8.133	VV	474	8294	0.09%	0.025%
84	8.149	8.133	8.180	VV	657	9882	0.11%	0.030%
85	8.202	8.180	8.450	VV	381169	5624090	63.57%	16.870%
86	8.462	8.450	8.512	VV	2644	75240	0.85%	0.226%
87	8.521	8.512	8.554	VV	1673	34755	0.39%	0.104%
88	8.563	8.554	8.607	VV	1375	38457	0.43%	0.115%
89	8.637	8.607	8.725	VV	47415	584865	6.61%	1.754%

					rteres			
90	8.748	8.725	8.820	VV	2455	77268	0.87%	0.232%
91	8.833	8.820	8.872	VV	1268	25315	0.29%	0.076%
92	8.899	8.872	8.915	VV	890	19234	0.22%	0.058%
93	8.938	8.915	8.971	VV	938	25644	0.29%	0.077%
94	8.983	8.971	9.009	VV	735	13210	0.15%	0.040%
95	9.046	9.009	9.079	VV	829	26221	0.30%	0.079%
96	9.098	9.079	9.134	VV	969	18755	0.21%	0.056%
97	9.152	9.134	9.172	VV	459	7821	0.09%	0.023%
98	9.181	9.172	9.237	VV	656	13986	0.16%	0.042%
99	9.260	9.237	9.293	VV	678	11979	0.14%	0.036%
100	9.314	9.293	9.330	VV	585	9807	0.11%	0.029%
101	9.345	9.330	9.375	VV	596	12096	0.14%	0.036%
102	9.395	9.375	9.415	VV	471	8632	0.10%	0.026%
103	9.423	9.415	9.453	VV	481	6529	0.07%	0.020%
104	9.473	9.453	9.506	VV	504	10457	0.12%	0.031%
105	9.532	9.506	9.555	VV	1091	17948	0.20%	0.054%
106	9.593	9.555	9.652	VV	1278	46658	0.53%	0.140%
107	9.657	9.652	9.725	VV	701	18558	0.21%	0.056%
108	9.733	9.725	9.763	VV	391	7066	0.08%	0.021%
109	9.828	9.763	9.854	VV	800	26125	0.30%	0.078%
110	9.887	9.854	9.897	VV	641	12694	0.14%	0.038%
111	9.914	9.897	9.930	VV	657	11971	0.14%	0.036%
112	9.939	9.930	9.952	VV	593	7094	0.08%	0.021%
113	9.982	9.952	9.991	VV	785	14322	0.16%	0.043%
114	10.014	9.991	10.069	VV	1202	27202	0.31%	0.082%
115	10.108	10.069	10.125	VV	668	16717	0.19%	0.050%
116	10.138	10.125	10.166	VV	702	13157	0.15%	0.039%
117	10.190	10.166	10.211	VV	754	14819	0.17%	0.044%
118	10.222	10.211	10.242	VV	649	10800	0.12%	0.032%
119	10.265	10.242	10.285	VV	758	15415	0.17%	0.046%
120	10.298	10.285	10.319	VV	725	11375	0.13%	0.034%
121	10.331	10.319	10.345	VV	666	8949	0.10%	0.027%
122	10.366	10.345	10.395	VV	1324	24703	0.28%	0.074%
123	10.410	10.395	10.451	VV	752	18862	0.21%	0.057%
124	10.468	10.451	10.517	VV	670	17766	0.20%	0.053%
125	10.526	10.517	10.542	VV	469	5318	0.06%	0.016%
126	10.552	10.542	10.580	VV	476	8866	0.10%	0.027%
127	10.588	10.580	10.627	VV	510	11181	0.13%	0.034%
128	10.636	10.627	10.646	VV	357	3716	0.04%	0.011%
129	10.665	10.646	10.685	VV	581	9825	0.11%	0.029%
130	10.719	10.685	10.727	VV	319	5527	0.06%	0.017%
131	10.748	10.727	10.756	VV	355	5115	0.06%	0.015%
132	10.769	10.756	10.816	VV	381	10380	0.12%	0.031%
133	10.828	10.816	10.836	PV	276	2366	0.03%	0.007%
134	10.890	10.836	10.929	VV	1461	33766	0.38%	0.101%
135	10.951	10.929	11.024	VV	1411	46816	0.53%	0.140%
136	11.050	11.024	11.120	VV	1580	47019	0.53%	0.141%
137	11.128	11.120	11.150	VV	564	7979	0.09%	0.024%
138	11.164	11.150	11.178	VV	506	7767	0.09%	0.023%
139	11.185	11.178	11.202	VV	505	6266	0.07%	0.019%
140	11.235	11.202	11.382	VV	689361	7846189	88.69%	23.535%
141	11.413	11.382	11.472	VV	2366	68351	0.77%	0.205%

					rteres			
142	11.478	11.472	11.492	VV	812	8571	0.10%	0.026%
143	11.513	11.492	11.542	VV	976	25299	0.29%	0.076%
144	11.570	11.542	11.583	VV	1076	22408	0.25%	0.067%
145	11.595	11.583	11.616	VV	1011	17737	0.20%	0.053%
146	11.646	11.616	11.665	VV	924	23728	0.27%	0.071%
147	11.689	11.665	11.785	VV	3137	103951	1.17%	0.312%
148	11.816	11.785	11.840	VV	1369	33342	0.38%	0.100%
149	11.846	11.840	11.875	VV	814	15533	0.18%	0.047%
150	11.887	11.875	11.918	VV	765	18008	0.20%	0.054%
151	11.930	11.918	11.950	VV	695	12467	0.14%	0.037%
152	12.005	11.950	12.033	VV	1328	55276	0.62%	0.166%
153	12.040	12.033	12.064	VV	1187	20112	0.23%	0.060%
154	12.102	12.064	12.130	VV	3207	66118	0.75%	0.198%
155	12.141	12.130	12.154	VV	935	10454	0.12%	0.031%
156	12.170	12.154	12.180	VV	1071	13108	0.15%	0.039%
157	12.199	12.180	12.227	VV	1475	28448	0.32%	0.085%
158	12.252	12.227	12.300	VV	2267	52660	0.60%	0.158%
159	12.326	12.300	12.465	VV	1771	84860	0.96%	0.255%
160	12.507	12.465	12.570	VV	830	42691	0.48%	0.128%
161	12.580	12.570	12.590	VV	682	7099	0.08%	0.021%
162	12.612	12.590	12.634	VV	882	18955	0.21%	0.057%
163	12.681	12.634	12.825	VV	77387	1299174	14.68%	3.897%
164	12.835	12.825	12.880	VV	1342	41346	0.47%	0.124%
165	12.889	12.880	12.932	VV	1265	34789	0.39%	0.104%
166	12.952	12.932	13.025	VV	2180	79835	0.90%	0.239%
167	13.040	13.025	13.084	VV	1200	38602	0.44%	0.116%
168	13.099	13.084	13.119	VV	1318	22432	0.25%	0.067%
169	13.129	13.119	13.163	VV	1209	28141	0.32%	0.084%
170	13.180	13.163	13.222	VV	1153	32970	0.37%	0.099%
171	13.300	13.222	13.334	VV	1282	69164	0.78%	0.207%
172	13.340	13.334	13.355	VV	1131	14185	0.16%	0.043%
173	13.360	13.355	13.389	VV	1268	21727	0.25%	0.065%
174	13.404	13.389	13.430	VV	1553	31828	0.36%	0.095%
175	13.452	13.430	13.514	VV	2377	68870	0.78%	0.207%
176	13.527	13.514	13.565	VV	980	29112	0.33%	0.087%
177	13.575	13.565	13.602	VV	986	19236	0.22%	0.058%
178	13.620	13.602	13.641	VV	946	20697	0.23%	0.062%
179	13.658	13.641	13.680	VV	1116	20411	0.23%	0.061%
180	13.710	13.680	13.733	VV	1102	29623	0.33%	0.089%
181	13.745	13.733	13.765	VV	898	16268	0.18%	0.049%
182	13.785	13.765	13.805	VV	1071	22728	0.26%	0.068%
183	13.825	13.805	13.879	VV	1151	43361	0.49%	0.130%
184	13.885	13.879	13.896	VV	1059	10627	0.12%	0.032%
185	13.917	13.896	13.936	VV	1178	25501	0.29%	0.076%
186	13.957	13.936	13.974	VV	1304	25741	0.29%	0.077%
187	13.977	13.974	13.995	VV	1309	15040	0.17%	0.045%
188	14.000	13.995	14.042	VV	1181	29980	0.34%	0.090%
189	14.050	14.042	14.060	VV	997	11083	0.13%	0.033%
190	14.145	14.060	14.185	VV	1422	87313	0.99%	0.262%
191	14.202	14.185	14.219	VV	1280	23281	0.26%	0.070%
192	14.252	14.219	14.262	VV	1362	30197	0.34%	0.091%
193	14.275	14.262	14.283	VV	1287	14898	0.17%	0.045%
194	14.312	14.283	14.329	VV	1377	34235	0.39%	0.103%

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195	14.338	14.329	14.410	VV	1256	53542	0.61%	0.161%
196	14.424	14.410	14.472	VV	1206	39866	0.45%	0.120%
197	14.520	14.472	14.532	VV	1578	46660	0.53%	0.140%
198	14.554	14.532	14.612	VV	2261	78245	0.88%	0.235%
199	14.654	14.612	14.678	VV	1408	49769	0.56%	0.149%
200	14.692	14.678	14.719	VV	1430	29964	0.34%	0.090%
201	14.725	14.719	14.745	VV	1240	18092	0.20%	0.054%
202	14.762	14.745	14.777	VV	1318	21932	0.25%	0.066%
203	14.781	14.777	14.815	VV	1320	26110	0.30%	0.078%
204	14.829	14.815	14.837	VV	1207	14740	0.17%	0.044%
205	14.844	14.837	14.868	VV	1227	20955	0.24%	0.063%
206	14.878	14.868	14.927	VV	1279	40125	0.45%	0.120%
207	14.943	14.927	14.961	VV	1280	25724	0.29%	0.077%
208	14.981	14.961	14.990	VV	1565	23892	0.27%	0.072%
209	14.999	14.990	15.014	VV	1548	21111	0.24%	0.063%
210	15.042	15.014	15.056	VV	1672	39434	0.45%	0.118%
211	15.107	15.056	15.172	VV	2149	115705	1.31%	0.347%
212	15.178	15.172	15.189	VV	1596	15671	0.18%	0.047%
213	15.192	15.189	15.217	VV	1689	25545	0.29%	0.077%
214	15.240	15.217	15.299	VV	1591	69876	0.79%	0.210%
215	15.305	15.299	15.314	VV	1330	11882	0.13%	0.036%
216	15.343	15.314	15.369	VV	1556	47999	0.54%	0.144%
217	15.394	15.369	15.430	VV	1723	58398	0.66%	0.175%
218	15.437	15.430	15.483	VV	1642	46680	0.53%	0.140%
219	15.493	15.483	15.503	VV	1538	16574	0.19%	0.050%
220	15.575	15.503	15.614	VV	2383	117849	1.33%	0.353%
221	15.620	15.614	15.659	VV	1489	38190	0.43%	0.115%
222	15.687	15.659	15.707	VV	1592	42134	0.48%	0.126%
223	15.730	15.707	15.782	VV	1613	66866	0.76%	0.201%
224	15.807	15.782	15.835	VV	1543	46411	0.52%	0.139%
225	15.861	15.835	15.912	VV	1573	67198	0.76%	0.202%
226	15.919	15.912	15.953	VV	1616	36480	0.41%	0.109%
227	15.962	15.953	15.979	VV	1570	23032	0.26%	0.069%
228	16.052	15.979	16.095	VV	2008	116770	1.32%	0.350%
229	16.106	16.095	16.140	VV	1701	42640	0.48%	0.128%
230	16.153	16.140	16.165	VV	1712	24016	0.27%	0.072%
231	16.193	16.165	16.278	VV	1999	120975	1.37%	0.363%
232	16.299	16.278	16.342	VV	1819	66936	0.76%	0.201%
233	16.389	16.342	16.457	VV	2052	126817	1.43%	0.380%
234	16.516	16.457	16.540	VV	2665	106980	1.21%	0.321%
235	16.560	16.540	16.619	VV	2742	101803	1.15%	0.305%
236	16.634	16.619	16.650	VV	1906	34272	0.39%	0.103%
237	16.663	16.650	16.688	VV	2039	42864	0.48%	0.129%
238	16.698	16.688	16.722	VV	1911	37931	0.43%	0.114%
239	16.737	16.722	16.755	VV	1968	38238	0.43%	0.115%
240	16.759	16.755	16.772	VV	1933	18551	0.21%	0.056%
241	16.797	16.772	16.817	VV	2085	53536	0.61%	0.161%
242	16.826	16.817	16.842	VV	2156	30671	0.35%	0.092%
243	16.855	16.842	16.900	VV	2185	69399	0.78%	0.208%
244	16.919	16.900	16.942	VV	2064	49246	0.56%	0.148%
245	16.969	16.942	17.022	VV	2501	106113	1.20%	0.318%
246	17.038	17.022	17.080	VV	2316	76591	0.87%	0.230%

					rterres			
247	17.095	17.080	17.103	VV	2164	28399	0.32%	0.085%
248	17.137	17.103	17.194	VV	2337	116830	1.32%	0.350%
249	17.219	17.194	17.240	VV	2247	59063	0.67%	0.177%
250	17.264	17.240	17.355	VV	2391	156099	1.76%	0.468%
251	17.402	17.355	17.442	VV	3410	141628	1.60%	0.425%
252	17.450	17.442	17.491	VV	2605	70889	0.80%	0.213%
253	17.502	17.491	17.521	VV	2451	42906	0.48%	0.129%
254	17.538	17.521	17.583	VV	2680	93092	1.05%	0.279%
255	17.622	17.583	17.637	VV	2558	79575	0.90%	0.239%
256	17.661	17.637	17.686	VV	2687	74964	0.85%	0.225%
257	17.697	17.686	17.728	VV	2562	61528	0.70%	0.185%
258	17.736	17.728	17.741	VV	2512	19712	0.22%	0.059%
259	17.761	17.741	17.781	VV	2607	60090	0.68%	0.180%
260	17.824	17.781	17.860	VV	3255	132984	1.50%	0.399%
261	17.873	17.860	17.948	VV	2739	138193	1.56%	0.415%
262	17.964	17.948	18.046	VV	2792	158142	1.79%	0.474%
263	18.063	18.046	18.077	VV	2833	52263	0.59%	0.157%
264	18.088	18.077	18.100	VV	2852	37610	0.43%	0.113%
265	18.113	18.100	18.137	VV	2837	62369	0.70%	0.187%
266	18.162	18.137	18.195	VV	2981	99592	1.13%	0.299%
267	18.234	18.195	18.262	VV	4057	133907	1.51%	0.402%
268	18.272	18.262	18.297	VV	3128	63876	0.72%	0.192%
269	18.312	18.297	18.325	VV	2970	47493	0.54%	0.142%
270	18.329	18.325	18.334	VV	2976	17333	0.20%	0.052%
271	18.360	18.334	18.367	VV	3052	57800	0.65%	0.173%
272	18.399	18.367	18.412	VV	3164	84357	0.95%	0.253%
273	18.472	18.412	18.493	VV	4014	165351	1.87%	0.496%
274	18.517	18.493	18.585	VV	3881	192823	2.18%	0.578%
275	18.628	18.585	18.658	VV	3939	158364	1.79%	0.475%
276	18.693	18.658	18.731	VV	3752	155600	1.76%	0.467%
277	18.738	18.731	18.751	VBA	3652	41030	0.46%	0.123%
Sum of corrected areas:					33338179			

Aromatic EPH 030725.M Tue Mar 11 14:14:16 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031125AL\
Data File : FC068396.D
Signal(s) : FID1A.ch
Acq On : 11 Mar 2025 12:25
Operator : YP/AJ
Sample : Q1514-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
FB03062025

Integration File: autoint1.e
Quant Time: Mar 11 13:42:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
Quant Title : GC Extractables
QLast Update : Thu Mar 06 12:39:25 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...	12.833	5570305	48.093 ug/ml
Spiked Amount	50.000	Recovery	= 96.19%

Target Compounds

(f)=RT Delta > 1/2 Window

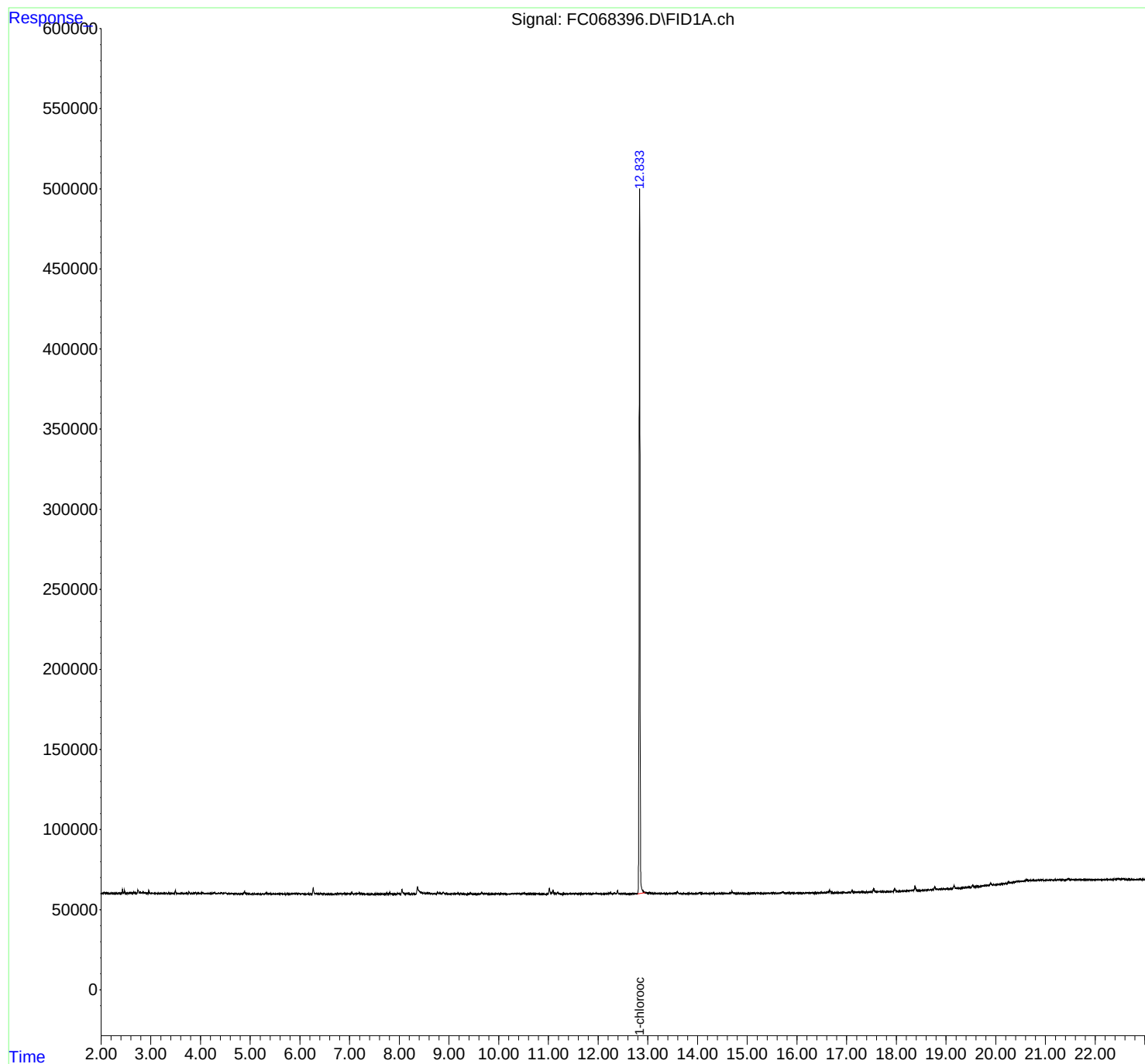
(m)=manual int.

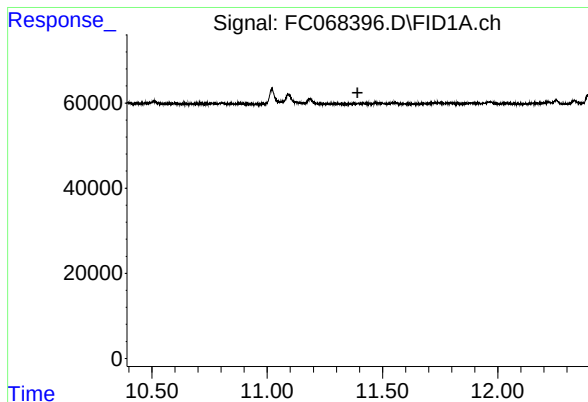
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031125AL\
Data File : FC068396.D
Signal(s) : FID1A.ch
Acq On : 11 Mar 2025 12:25
Operator : YP/AJ
Sample : Q1514-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
FB03062025

Integration File: autoint1.e
Quant Time: Mar 11 13:42:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
Quant Title : GC Extractables
QLast Update : Thu Mar 06 12:39:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

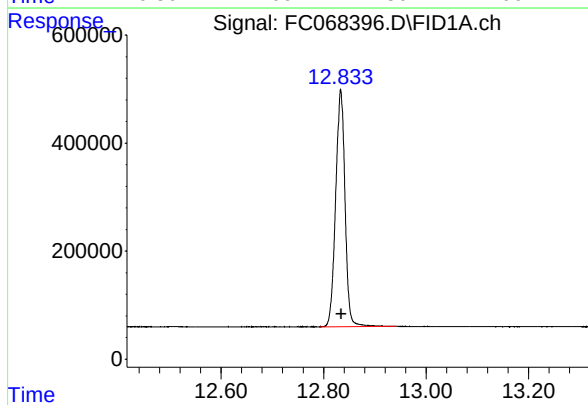




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.391 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
FB03062025



#12 1-chlorooctadecane (SURR)

R.T.: 12.833 min
Delta R.T.: 0.000 min
Response: 5570305
Conc: 48.09 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031125AL\
 Data File : FC068396.D
 Signal(s) : FID1A.ch
 Acq On : 11 Mar 2025 12:25
 Sample : Q1514-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.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	2.326	2.305	2.345	BV	133	1852	0.03%	0.018%
2	2.357	2.345	2.388	VV	243	3629	0.06%	0.034%
3	2.430	2.388	2.448	VV	2566	21924	0.39%	0.207%
4	2.470	2.448	2.540	VV	2178	26500	0.47%	0.251%
5	2.559	2.540	2.605	VV	264	7758	0.14%	0.073%
6	2.609	2.605	2.618	VV	225	1566	0.03%	0.015%
7	2.622	2.618	2.635	VV	236	1837	0.03%	0.017%
8	2.655	2.635	2.695	VV	698	12140	0.22%	0.115%
9	2.741	2.695	2.771	VV	2014	34889	0.62%	0.330%
10	2.787	2.771	2.815	VV	848	13776	0.24%	0.130%
11	2.837	2.815	2.912	VV	1010	24641	0.44%	0.233%
12	2.960	2.912	2.992	VV	1537	24823	0.44%	0.235%
13	3.000	2.992	3.015	VV	277	3507	0.06%	0.033%
14	3.020	3.015	3.031	VV	282	2242	0.04%	0.021%
15	3.052	3.031	3.074	VV	265	5357	0.10%	0.051%
16	3.086	3.074	3.135	VV	284	6563	0.12%	0.062%
17	3.163	3.135	3.225	VV	283	10300	0.18%	0.097%
18	3.229	3.225	3.245	VV	238	2371	0.04%	0.022%
19	3.255	3.245	3.275	VV	200	3117	0.06%	0.029%
20	3.299	3.275	3.333	VV	240	6481	0.11%	0.061%
21	3.360	3.333	3.418	VV	636	12113	0.21%	0.115%
22	3.423	3.418	3.452	VV	235	2991	0.05%	0.028%
23	3.496	3.452	3.551	VV	2173	27292	0.48%	0.258%
24	3.575	3.551	3.588	VV	227	3744	0.07%	0.035%
25	3.622	3.588	3.641	VV	287	7404	0.13%	0.070%
26	3.648	3.641	3.666	VV	309	3252	0.06%	0.031%
27	3.697	3.666	3.745	VV	336	11079	0.20%	0.105%
28	3.768	3.745	3.836	VV	1209	20683	0.37%	0.196%
29	3.863	3.836	3.874	VV	423	6525	0.12%	0.062%
30	3.892	3.874	3.948	VV	640	17999	0.32%	0.170%
31	3.963	3.948	3.991	VV	327	6277	0.11%	0.059%
32	4.034	3.991	4.078	VV	794	20816	0.37%	0.197%
33	4.097	4.078	4.113	VV	297	5498	0.10%	0.052%
34	4.129	4.113	4.167	VV	303	8452	0.15%	0.080%
35	4.181	4.167	4.242	VV	338	12468	0.22%	0.118%
36	4.277	4.242	4.331	VV	1018	26300	0.47%	0.249%

					rteres			
37	4.363	4.331	4.388	VV	611	13669	0.24%	0.129%
38	4.425	4.388	4.466	VV	753	20657	0.37%	0.195%
39	4.481	4.466	4.495	VV	606	7844	0.14%	0.074%
40	4.510	4.495	4.701	VV	900	24542	0.44%	0.232%
41	4.717	4.701	4.738	VV	150	2241	0.04%	0.021%
42	4.748	4.738	4.765	VV	131	1224	0.02%	0.012%
43	4.772	4.765	4.788	VV	80	828	0.01%	0.008%
44	4.808	4.788	4.841	VV	204	3148	0.06%	0.030%
45	4.886	4.841	4.928	VV	1941	26837	0.48%	0.254%
46	4.942	4.928	5.048	VV	430	9820	0.17%	0.093%
47	5.060	5.048	5.125	VV	157	4503	0.08%	0.043%
48	5.165	5.125	5.185	VV	139	3127	0.06%	0.030%
49	5.191	5.185	5.223	VV	93	1691	0.03%	0.016%
50	5.328	5.223	5.366	PV	872	19709	0.35%	0.186%
51	5.385	5.366	5.433	VV	240	6368	0.11%	0.060%
52	5.476	5.433	5.527	VV	192	7632	0.14%	0.072%
53	5.538	5.527	5.550	VV	182	1601	0.03%	0.015%
54	5.572	5.550	5.604	VV	286	5716	0.10%	0.054%
55	5.630	5.604	5.731	VV	247	10902	0.19%	0.103%
56	5.738	5.731	5.746	VV	267	1670	0.03%	0.016%
57	5.752	5.746	5.767	VV	168	1854	0.03%	0.018%
58	5.782	5.767	5.810	VV	193	3605	0.06%	0.034%
59	5.848	5.810	5.907	VV	324	13531	0.24%	0.128%
60	5.927	5.907	5.955	VV	470	8089	0.14%	0.076%
61	5.990	5.955	6.021	VV	433	9782	0.17%	0.092%
62	6.056	6.021	6.075	VV	257	5465	0.10%	0.052%
63	6.088	6.075	6.137	VV	217	3957	0.07%	0.037%
64	6.157	6.137	6.171	VV	207	2461	0.04%	0.023%
65	6.178	6.171	6.238	VV	122	3899	0.07%	0.037%
66	6.267	6.238	6.335	VV	3950	62941	1.12%	0.595%
67	6.346	6.335	6.369	VV	528	7545	0.13%	0.071%
68	6.382	6.369	6.395	VV	370	4384	0.08%	0.041%
69	6.414	6.395	6.432	VV	682	9235	0.16%	0.087%
70	6.443	6.432	6.470	VV	371	4997	0.09%	0.047%
71	6.488	6.470	6.615	VV	315	9872	0.18%	0.093%
72	6.655	6.615	6.686	VV	129	3767	0.07%	0.036%
73	6.704	6.686	6.731	PV	352	4875	0.09%	0.046%
74	6.757	6.731	6.784	VV	441	7881	0.14%	0.075%
75	6.807	6.784	6.853	VV	464	12618	0.22%	0.119%
76	6.882	6.853	6.911	VV	671	11870	0.21%	0.112%
77	6.922	6.911	6.944	VV	217	3130	0.06%	0.030%
78	6.968	6.944	6.976	VV	261	3987	0.07%	0.038%
79	6.990	6.976	7.011	VV	275	3948	0.07%	0.037%
80	7.044	7.011	7.078	VV	1534	20028	0.36%	0.189%
81	7.117	7.078	7.133	VV	346	7000	0.12%	0.066%
82	7.151	7.133	7.161	VV	311	3923	0.07%	0.037%
83	7.190	7.161	7.230	VV	877	18993	0.34%	0.180%
84	7.246	7.230	7.263	VV	398	5749	0.10%	0.054%
85	7.276	7.263	7.328	VV	364	7327	0.13%	0.069%
86	7.333	7.328	7.396	VV	195	4403	0.08%	0.042%
87	7.409	7.396	7.421	VV	111	1010	0.02%	0.010%
88	7.443	7.421	7.476	VV	561	7589	0.13%	0.072%
89	7.485	7.476	7.493	VV	72	595	0.01%	0.006%

					rt	Area	Height	%Area	%Height
90	7.527	7.493	7.561	VV	207	5266	0.09%	0.050%	
91	7.608	7.561	7.627	VV	285	7216	0.13%	0.068%	
92	7.639	7.627	7.651	VV	216	2396	0.04%	0.023%	
93	7.662	7.651	7.694	VV	178	3956	0.07%	0.037%	
94	7.705	7.694	7.731	VV	190	3352	0.06%	0.032%	
95	7.750	7.731	7.781	VV	825	10719	0.19%	0.101%	
96	7.806	7.781	7.854	VV	1254	18564	0.33%	0.175%	
97	7.864	7.854	7.901	VV	207	4087	0.07%	0.039%	
98	7.923	7.901	7.945	VV	166	3708	0.07%	0.035%	
99	7.963	7.945	8.025	VV	437	10948	0.19%	0.103%	
100	8.054	8.025	8.130	VV	3028	52943	0.94%	0.500%	
101	8.152	8.130	8.183	VV	468	11711	0.21%	0.111%	
102	8.196	8.183	8.224	VV	450	7152	0.13%	0.068%	
103	8.245	8.224	8.266	VV	373	5541	0.10%	0.052%	
104	8.284	8.266	8.324	VV	334	5045	0.09%	0.048%	
105	8.364	8.324	8.495	PV	4208	149983	2.66%	1.418%	
106	8.508	8.495	8.530	VV	739	13972	0.25%	0.132%	
107	8.540	8.530	8.578	VV	687	17793	0.32%	0.168%	
108	8.593	8.578	8.631	VV	865	19109	0.34%	0.181%	
109	8.649	8.631	8.677	VV	443	8895	0.16%	0.084%	
110	8.704	8.677	8.740	VV	347	9699	0.17%	0.092%	
111	8.771	8.740	8.795	VV	1410	23542	0.42%	0.223%	
112	8.808	8.795	8.863	VV	820	22208	0.39%	0.210%	
113	8.884	8.863	8.938	VV	1467	29131	0.52%	0.275%	
114	8.957	8.938	8.982	VV	439	7525	0.13%	0.071%	
115	9.006	8.982	9.037	VV	312	6582	0.12%	0.062%	
116	9.059	9.037	9.091	VV	325	7505	0.13%	0.071%	
117	9.111	9.091	9.138	VV	318	6447	0.11%	0.061%	
118	9.173	9.138	9.211	VV	446	12333	0.22%	0.117%	
119	9.237	9.211	9.275	VV	771	13340	0.24%	0.126%	
120	9.301	9.275	9.348	VV	294	8006	0.14%	0.076%	
121	9.388	9.348	9.408	VV	441	8311	0.15%	0.079%	
122	9.431	9.408	9.467	VV	772	14230	0.25%	0.135%	
123	9.484	9.467	9.501	VV	300	3530	0.06%	0.033%	
124	9.521	9.501	9.550	VV	233	4514	0.08%	0.043%	
125	9.597	9.550	9.627	VV	320	9459	0.17%	0.089%	
126	9.655	9.627	9.696	VV	1046	20653	0.37%	0.195%	
127	9.722	9.696	9.779	VV	334	12334	0.22%	0.117%	
128	9.797	9.779	9.826	VV	307	5169	0.09%	0.049%	
129	9.835	9.826	9.858	VV	141	2107	0.04%	0.020%	
130	9.925	9.858	9.936	PV	279	7083	0.13%	0.067%	
131	9.961	9.936	9.987	VV	318	6942	0.12%	0.066%	
132	10.040	9.987	10.065	VV	407	11946	0.21%	0.113%	
133	10.076	10.065	10.100	VV	283	5484	0.10%	0.052%	
134	10.123	10.100	10.144	VV	304	5787	0.10%	0.055%	
135	10.154	10.144	10.178	VV	267	3589	0.06%	0.034%	
136	10.207	10.178	10.223	VV	222	4206	0.07%	0.040%	
137	10.245	10.223	10.303	VV	359	13420	0.24%	0.127%	
138	10.327	10.303	10.342	VV	469	8697	0.15%	0.082%	
139	10.391	10.342	10.421	VV	544	16717	0.30%	0.158%	
140	10.436	10.421	10.451	VV	368	5095	0.09%	0.048%	
141	10.508	10.451	10.561	VV	759	24203	0.43%	0.229%	

					rteres			
142	10.601	10.561	10.624	VV	267	8436	0.15%	0.080%
143	10.641	10.624	10.655	VV	168	2675	0.05%	0.025%
144	10.671	10.655	10.683	VV	244	3113	0.06%	0.029%
145	10.705	10.683	10.735	VV	266	5775	0.10%	0.055%
146	10.804	10.735	10.834	VV	403	13204	0.23%	0.125%
147	10.892	10.834	10.942	VV	242	9112	0.16%	0.086%
148	11.020	10.942	11.054	VV	3629	61831	1.10%	0.585%
149	11.091	11.054	11.161	VV	2400	58099	1.03%	0.549%
150	11.185	11.161	11.293	VV	1255	27722	0.49%	0.262%
151	11.305	11.293	11.328	VV	170	2401	0.04%	0.023%
152	11.433	11.328	11.454	VV	257	11661	0.21%	0.110%
153	11.471	11.454	11.525	VV	371	9244	0.16%	0.087%
154	11.554	11.525	11.581	VV	412	7871	0.14%	0.074%
155	11.592	11.581	11.653	VV	145	4585	0.08%	0.043%
156	11.739	11.653	11.781	VV	389	18475	0.33%	0.175%
157	11.793	11.781	11.821	VV	346	4986	0.09%	0.047%
158	11.828	11.821	11.854	VV	207	3377	0.06%	0.032%
159	11.886	11.854	11.930	VV	343	10099	0.18%	0.095%
160	11.967	11.930	12.007	VV	611	14127	0.25%	0.134%
161	12.038	12.007	12.107	VV	225	8767	0.16%	0.083%
162	12.164	12.107	12.191	VV	257	8890	0.16%	0.084%
163	12.216	12.191	12.233	VV	427	9460	0.17%	0.089%
164	12.253	12.233	12.300	VV	930	14986	0.27%	0.142%
165	12.332	12.300	12.361	VV	873	14239	0.25%	0.135%
166	12.391	12.361	12.442	VV	2160	34553	0.61%	0.327%
167	12.455	12.442	12.487	VV	286	5070	0.09%	0.048%
168	12.506	12.487	12.583	VV	397	9410	0.17%	0.089%
169	12.612	12.583	12.625	PV	99	1512	0.03%	0.014%
170	12.672	12.625	12.728	VV	202	8798	0.16%	0.083%
171	12.833	12.728	12.981	VV	434898	5638413	100.00%	53.301%
172	12.998	12.981	13.098	VV	716	36157	0.64%	0.342%
173	13.106	13.098	13.178	VV	420	15742	0.28%	0.149%
174	13.194	13.178	13.245	VV	407	12224	0.22%	0.116%
175	13.252	13.245	13.257	VV	310	2233	0.04%	0.021%
176	13.268	13.257	13.312	VV	383	9224	0.16%	0.087%
177	13.336	13.312	13.361	VV	225	4850	0.09%	0.046%
178	13.395	13.361	13.412	VV	211	5305	0.09%	0.050%
179	13.446	13.412	13.507	VV	309	11754	0.21%	0.111%
180	13.539	13.507	13.564	VV	612	12966	0.23%	0.123%
181	13.589	13.564	13.661	VV	1393	30635	0.54%	0.290%
182	13.669	13.661	13.718	VV	137	3415	0.06%	0.032%
183	13.724	13.718	13.770	VV	123	1916	0.03%	0.018%
184	13.821	13.770	13.888	VV	223	7523	0.13%	0.071%
185	13.938	13.888	13.994	VV	159	4864	0.09%	0.046%
186	14.035	13.994	14.132	VV	639	22072	0.39%	0.209%
187	14.158	14.132	14.198	VV	317	6706	0.12%	0.063%
188	14.231	14.198	14.270	VV	190	6487	0.12%	0.061%
189	14.310	14.270	14.385	VV	313	13057	0.23%	0.123%
190	14.398	14.385	14.415	VV	180	2400	0.04%	0.023%
191	14.446	14.415	14.486	VV	162	6067	0.11%	0.057%
192	14.495	14.486	14.511	VV	224	2247	0.04%	0.021%
193	14.522	14.511	14.595	VV	166	5916	0.10%	0.056%
194	14.603	14.595	14.628	VV	182	2165	0.04%	0.020%

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195	14.653	14.628	14.671	VV	571	9071	0.16%	0.086%
196	14.694	14.671	14.774	VV	1244	29601	0.52%	0.280%
197	14.782	14.774	14.825	VV	193	3443	0.06%	0.033%
198	14.850	14.825	14.891	VV	263	5983	0.11%	0.057%
199	14.907	14.891	14.918	VV	163	1935	0.03%	0.018%
200	14.927	14.918	14.985	VV	140	3003	0.05%	0.028%
201	15.008	14.985	15.032	PV	143	2250	0.04%	0.021%
202	15.120	15.032	15.160	VV	255	10566	0.19%	0.100%
203	15.214	15.160	15.245	VV	236	8199	0.15%	0.078%
204	15.262	15.245	15.274	VV	165	2450	0.04%	0.023%
205	15.367	15.274	15.417	VV	205	10176	0.18%	0.096%
206	15.428	15.417	15.458	VV	174	3189	0.06%	0.030%
207	15.506	15.458	15.525	VV	224	6188	0.11%	0.058%
208	15.553	15.525	15.629	VV	272	10170	0.18%	0.096%
209	15.713	15.629	15.821	VV	1033	37055	0.66%	0.350%
210	15.874	15.821	15.965	PV	250	10626	0.19%	0.100%
211	16.195	15.965	16.297	PV	412	24268	0.43%	0.229%
212	16.340	16.297	16.471	VV	235	12803	0.23%	0.121%
213	16.498	16.471	16.515	VV	170	3395	0.06%	0.032%
214	16.549	16.515	16.598	VV	306	9409	0.17%	0.089%
215	16.659	16.598	16.813	VV	1431	43622	0.77%	0.412%
216	16.842	16.813	16.888	VV	161	2896	0.05%	0.027%
217	16.947	16.888	16.988	PV	182	5233	0.09%	0.049%
218	17.109	16.988	17.187	PV	1257	32131	0.57%	0.304%
219	17.213	17.187	17.258	VV	264	6703	0.12%	0.063%
220	17.298	17.258	17.363	VV	162	6817	0.12%	0.064%
221	17.385	17.363	17.408	VV	192	3165	0.06%	0.030%
222	17.421	17.408	17.458	VV	175	3398	0.06%	0.032%
223	17.543	17.458	17.641	VV	2350	57118	1.01%	0.540%
224	17.675	17.641	17.691	VV	267	5536	0.10%	0.052%
225	17.709	17.691	17.778	VV	264	7037	0.12%	0.067%
226	17.820	17.778	17.888	PV	157	6528	0.12%	0.062%
227	17.966	17.888	18.028	PV	2115	39639	0.70%	0.375%
228	18.106	18.028	18.135	VV	145	7501	0.13%	0.071%
229	18.229	18.135	18.311	VV	318	13265	0.24%	0.125%
230	18.374	18.311	18.461	VV	2779	55676	0.99%	0.526%
231	18.552	18.461	18.576	VV	107	5960	0.11%	0.056%
232	18.636	18.576	18.655	VV	104	3577	0.06%	0.034%
233	18.772	18.655	18.858	PV	1838	40912	0.73%	0.387%
234	18.878	18.858	18.915	VV	168	4283	0.08%	0.040%
235	18.950	18.915	18.981	VV	190	4804	0.09%	0.045%
236	19.018	18.981	19.045	PV	193	3637	0.06%	0.034%
237	19.159	19.045	19.228	VV	1975	47288	0.84%	0.447%
238	19.459	19.228	19.495	VV	466	33448	0.59%	0.316%
239	19.534	19.495	19.569	VV	1444	32643	0.58%	0.309%
240	19.789	19.569	19.825	VV	935	87562	1.55%	0.828%
241	19.898	19.825	19.935	VV	2019	73465	1.30%	0.694%
242	19.955	19.935	20.001	VV	1189	41690	0.74%	0.394%
243	20.254	20.001	20.301	VV	2033	234131	4.15%	2.213%
244	20.431	20.301	20.488	VV	2221	216223	3.83%	2.044%
245	20.612	20.488	20.660	VV	2892	238485	4.23%	2.254%
246	20.752	20.660	20.804	VV	2353	196751	3.49%	1.860%

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247	20.922	20.804	20.985	VV	2215	230018	4.08%	2.174%
248	21.018	20.985	21.070	VV	1989	98835	1.75%	0.934%
249	21.124	21.070	21.162	VV	1872	99050	1.76%	0.936%
250	21.195	21.162	21.211	VV	1767	49110	0.87%	0.464%
251	21.233	21.211	21.287	VV	1673	75686	1.34%	0.715%
252	21.305	21.287	21.401	VV	1574	96781	1.72%	0.915%
253	21.465	21.401	21.603	VV	1688	161209	2.86%	1.524%
254	21.655	21.603	21.685	VV	989	47463	0.84%	0.449%
255	21.725	21.685	21.751	VV	919	34692	0.62%	0.328%
256	21.770	21.751	21.788	VV	750	16721	0.30%	0.158%
257	21.823	21.788	21.861	VV	763	28017	0.50%	0.265%
258	21.909	21.861	22.018	VV	572	41014	0.73%	0.388%
259	22.043	22.018	22.069	VV	287	7378	0.13%	0.070%
260	22.092	22.069	22.156	VV	217	6352	0.11%	0.060%

Sum of corrected areas: 10578410

Aliphatic EPH 030625.M Tue Mar 11 13:54:00 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
 Data File : FD049186.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 12:25
 Operator : YP/AJ
 Sample : Q1514-09
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 FB03062025

Integration File: autoint1.e
 Quant Time: Mar 11 14:00:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 10:50:40 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...	7.349	7237617	47.598 ug/ml
Spiked Amount 50.000		Recovery =	95.20%
6) S 2-Fluorobiphenyl (SURR)	8.201	4077938	51.199 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.40%
11) S ortho-Terphenyl (SURR)	11.233	8150096	46.624 ug/ml
Spiked Amount 50.000		Recovery =	93.25%

Target Compounds

(f)=RT Delta > 1/2 Window

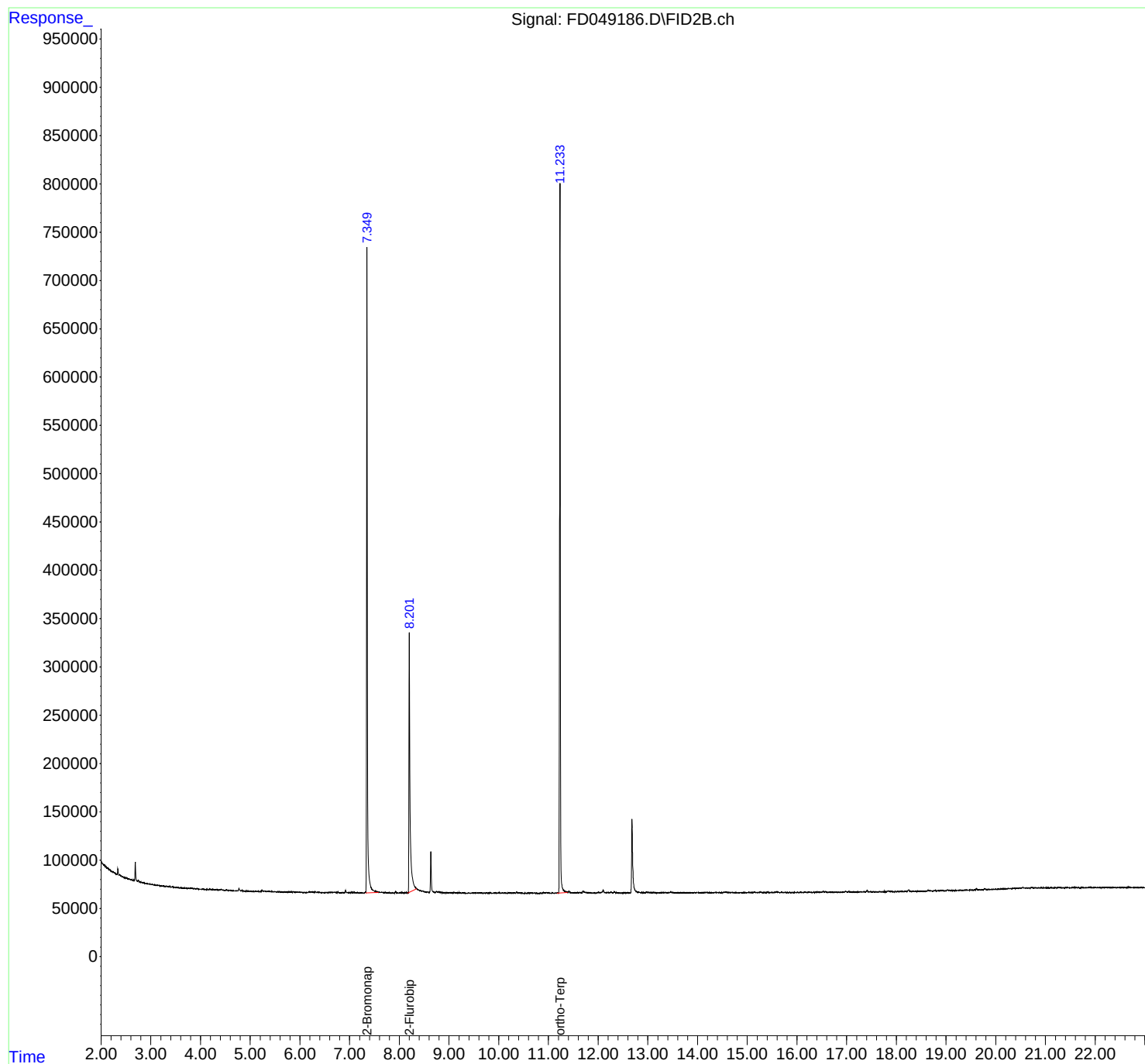
(m)=manual int.

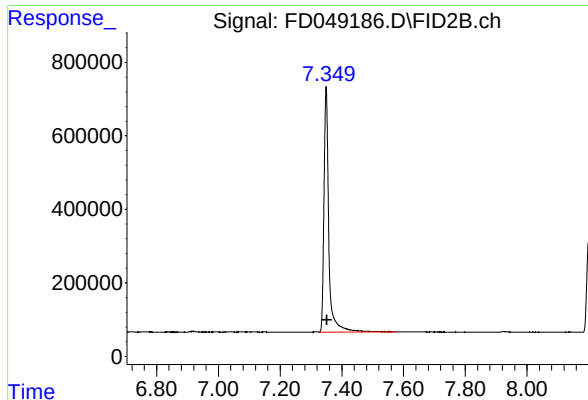
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
Data File : FD049186.D
Signal(s) : FID2B.ch
Acq On : 11 Mar 2025 12:25
Operator : YP/AJ
Sample : Q1514-09
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
FB03062025

Integration File: autoint1.e
Quant Time: Mar 11 14:00:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
Quant Title : GC Extractables
QLast Update : Mon Mar 10 10:50:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

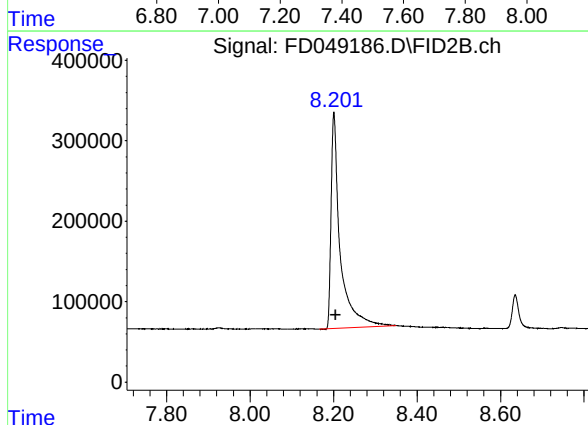




#4 2-Bromonaphthalene (SURR)

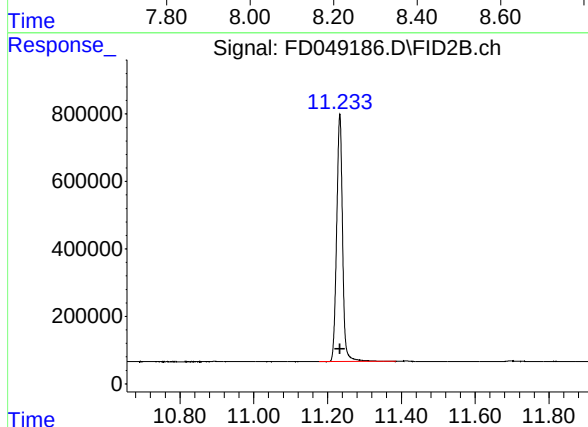
R.T.: 7.349 min
Delta R.T.: -0.003 min
Response: 7237617
Conc: 47.60 ug/ml

Instrument :
FID_D
ClientSampleId :
FB03062025



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.201 min
Delta R.T.: -0.004 min
Response: 4077938
Conc: 51.20 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: 0.000 min
Response: 8150096
Conc: 46.62 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
 Data File : FD049186.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 12:25
 Sample : Q1514-09
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.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	4.080	4.075	4.094	VV	328	1038	0.01%	0.004%
2	4.102	4.094	4.114	VV	162	1396	0.02%	0.005%
3	4.124	4.114	4.137	VV	351	2556	0.03%	0.010%
4	4.155	4.137	4.170	PV	312	4814	0.06%	0.019%
5	4.178	4.170	4.237	VV	593	18602	0.23%	0.073%
6	4.255	4.237	4.262	VV	576	6749	0.08%	0.026%
7	4.265	4.262	4.282	VV	443	4244	0.05%	0.017%
8	4.327	4.282	4.363	VV	781	21988	0.27%	0.086%
9	4.381	4.363	4.397	VV	842	11930	0.14%	0.047%
10	4.412	4.397	4.464	VV	1064	26075	0.32%	0.102%
11	4.469	4.464	4.475	VV	429	2564	0.03%	0.010%
12	4.477	4.475	4.483	VV	371	1426	0.02%	0.006%
13	4.487	4.483	4.498	VV	358	2781	0.03%	0.011%
14	4.515	4.498	4.544	VV	620	12063	0.15%	0.047%
15	4.548	4.544	4.570	VV	357	3963	0.05%	0.016%
16	4.582	4.570	4.633	VV	545	11488	0.14%	0.045%
17	4.636	4.633	4.679	VV	281	5114	0.06%	0.020%
18	4.698	4.679	4.709	PV	367	2761	0.03%	0.011%
19	4.724	4.709	4.734	VV	374	3757	0.05%	0.015%
20	4.738	4.734	4.749	VV	313	1657	0.02%	0.006%
21	4.774	4.749	4.816	VV	2958	45245	0.55%	0.177%
22	4.835	4.816	4.875	VV	849	14553	0.18%	0.057%
23	4.880	4.875	4.892	VV	256	1640	0.02%	0.006%
24	4.899	4.892	4.907	VV	274	1623	0.02%	0.006%
25	4.911	4.907	4.943	VV	230	2696	0.03%	0.011%
26	4.948	4.943	4.960	VV	303	1619	0.02%	0.006%
27	4.964	4.960	4.982	VV	248	2093	0.03%	0.008%
28	4.988	4.982	5.024	VV	306	4802	0.06%	0.019%
29	5.031	5.024	5.044	VV	300	1514	0.02%	0.006%
30	5.053	5.044	5.072	PV	320	3000	0.04%	0.012%
31	5.080	5.072	5.117	VV	320	5333	0.06%	0.021%
32	5.122	5.117	5.130	VV	402	2107	0.03%	0.008%
33	5.134	5.130	5.142	VV	308	1704	0.02%	0.007%
34	5.150	5.142	5.159	VV	431	2476	0.03%	0.010%
35	5.165	5.159	5.182	VV	317	2108	0.03%	0.008%
36	5.188	5.182	5.205	VV	176	1510	0.02%	0.006%

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37	5.231	5.205	5.255	VV	1254	22532	0.27%	0.088%
38	5.260	5.255	5.274	VV	707	6671	0.08%	0.026%
39	5.282	5.274	5.294	VV	761	7442	0.09%	0.029%
40	5.296	5.294	5.319	VV	639	7481	0.09%	0.029%
41	5.330	5.319	5.347	VV	507	7419	0.09%	0.029%
42	5.351	5.347	5.412	VV	511	15384	0.19%	0.060%
43	5.425	5.412	5.434	VV	370	2587	0.03%	0.010%
44	5.444	5.434	5.460	VV	356	2954	0.04%	0.012%
45	5.477	5.469	5.490	VV	284	2168	0.03%	0.008%
46	5.497	5.490	5.506	VV	317	2072	0.03%	0.008%
47	5.513	5.506	5.524	VV	250	1612	0.02%	0.006%
48	5.537	5.524	5.542	VV	263	1610	0.02%	0.006%
49	5.553	5.542	5.562	VV	270	2505	0.03%	0.010%
50	5.588	5.562	5.635	VV	378	9263	0.11%	0.036%
51	5.645	5.635	5.659	VV	297	2342	0.03%	0.009%
52	5.703	5.669	5.720	PV	425	7401	0.09%	0.029%
53	5.730	5.720	5.746	VV	348	3786	0.05%	0.015%
54	5.760	5.746	5.807	VV	549	9899	0.12%	0.039%
55	5.810	5.807	5.823	VV	308	1801	0.02%	0.007%
56	5.837	5.823	5.847	VV	510	5424	0.07%	0.021%
57	5.853	5.847	5.856	VV	515	2392	0.03%	0.009%
58	5.867	5.856	5.891	VV	933	10357	0.13%	0.041%
59	5.902	5.891	5.917	VV	277	2538	0.03%	0.010%
60	5.957	5.917	5.981	VV	566	13056	0.16%	0.051%
61	5.995	5.981	6.002	VV	538	5005	0.06%	0.020%
62	6.003	6.002	6.022	VV	466	2659	0.03%	0.010%
63	6.040	6.022	6.072	VV	362	4526	0.05%	0.018%
64	6.103	6.099	6.135	VV	222	3328	0.04%	0.013%
65	6.139	6.135	6.164	VV	233	3341	0.04%	0.013%
66	6.178	6.164	6.208	VV	867	17749	0.22%	0.069%
67	6.227	6.208	6.270	VV	909	18375	0.22%	0.072%
68	6.312	6.270	6.351	VV	925	24415	0.30%	0.096%
69	6.361	6.351	6.369	VV	415	3556	0.04%	0.014%
70	6.383	6.369	6.392	VV	585	5865	0.07%	0.023%
71	6.397	6.392	6.420	VV	433	3987	0.05%	0.016%
72	6.429	6.420	6.434	PV	218	1188	0.01%	0.005%
73	6.445	6.434	6.458	VV	211	2094	0.03%	0.008%
74	6.472	6.469	6.502	VV	122	1681	0.02%	0.007%
75	6.506	6.502	6.526	VV	261	2043	0.02%	0.008%
76	6.545	6.526	6.554	VV	276	3498	0.04%	0.014%
77	6.592	6.562	6.617	VV	612	11260	0.14%	0.044%
78	6.637	6.623	6.659	VV	859	10835	0.13%	0.042%
79	6.665	6.659	6.676	VV	634	5713	0.07%	0.022%
80	6.689	6.676	6.709	VV	867	12139	0.15%	0.047%
81	6.718	6.709	6.735	VV	674	6302	0.08%	0.025%
82	6.740	6.735	6.744	VV	329	1317	0.02%	0.005%
83	6.763	6.744	6.791	VV	916	15468	0.19%	0.061%
84	6.838	6.802	6.866	VV	453	11647	0.14%	0.046%
85	6.869	6.866	6.884	VV	402	2420	0.03%	0.009%
86	6.917	6.884	6.975	VV	2221	39301	0.48%	0.154%
87	6.991	6.975	7.018	VV	646	11586	0.14%	0.045%
88	7.036	7.018	7.064	VV	776	15179	0.18%	0.059%
89	7.074	7.064	7.080	VV	821	6732	0.08%	0.026%

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90	7.084	7.080	7.103	VV	664	7871	0.10%	0.031%
91	7.117	7.103	7.136	VV	740	10522	0.13%	0.041%
92	7.152	7.136	7.184	VV	753	11017	0.13%	0.043%
93	7.205	7.184	7.214	VV	490	4376	0.05%	0.017%
94	7.217	7.214	7.233	VV	274	2099	0.03%	0.008%
95	7.257	7.233	7.275	VV	369	4183	0.05%	0.016%
96	7.318	7.275	7.326	PV	1080	14139	0.17%	0.055%
97	7.349	7.326	7.504	VV	668622	7271791	88.20%	28.450%
98	7.509	7.504	7.529	VV	1939	27347	0.33%	0.107%
99	7.533	7.529	7.598	VV	1549	49630	0.60%	0.194%
100	7.603	7.598	7.617	VV	1037	9776	0.12%	0.038%
101	7.637	7.617	7.679	VV	1021	30932	0.38%	0.121%
102	7.691	7.679	7.748	VV	807	25018	0.30%	0.098%
103	7.755	7.748	7.789	VV	515	10525	0.13%	0.041%
104	7.799	7.789	7.809	VV	507	4919	0.06%	0.019%
105	7.812	7.809	7.819	VV	335	1914	0.02%	0.007%
106	7.822	7.819	7.825	VV	345	1151	0.01%	0.005%
107	7.829	7.825	7.840	VV	341	2363	0.03%	0.009%
108	7.853	7.840	7.876	VV	492	7575	0.09%	0.030%
109	7.886	7.876	7.894	VV	389	2893	0.04%	0.011%
110	7.925	7.894	7.965	VV	1959	32874	0.40%	0.129%
111	7.975	7.965	7.981	VV	400	2809	0.03%	0.011%
112	7.990	7.981	8.000	VV	433	4023	0.05%	0.016%
113	8.018	8.000	8.049	VV	595	14536	0.18%	0.057%
114	8.053	8.049	8.099	VV	649	10752	0.13%	0.042%
115	8.146	8.099	8.176	VV	668	17077	0.21%	0.067%
116	8.201	8.176	8.454	VV	266203	4542826	55.10%	17.773%
117	8.462	8.454	8.550	VV	2485	97090	1.18%	0.380%
118	8.566	8.550	8.607	VV	1318	38300	0.46%	0.150%
119	8.635	8.607	8.720	VV	42980	529594	6.42%	2.072%
120	8.746	8.720	8.762	VV	2182	35778	0.43%	0.140%
121	8.772	8.762	8.819	VV	1616	40419	0.49%	0.158%
122	8.832	8.819	8.860	VV	1113	21215	0.26%	0.083%
123	8.877	8.860	8.888	VV	908	11543	0.14%	0.045%
124	8.900	8.888	8.910	VV	887	9449	0.11%	0.037%
125	8.928	8.910	8.944	VV	727	13266	0.16%	0.052%
126	8.951	8.944	8.965	VV	743	7556	0.09%	0.030%
127	8.978	8.965	9.009	VV	738	12864	0.16%	0.050%
128	9.021	9.009	9.074	VV	770	22815	0.28%	0.089%
129	9.098	9.074	9.154	VV	1016	25955	0.31%	0.102%
130	9.179	9.154	9.205	VV	557	11606	0.14%	0.045%
131	9.211	9.205	9.253	VV	496	10661	0.13%	0.042%
132	9.265	9.253	9.298	VV	477	9767	0.12%	0.038%
133	9.311	9.298	9.345	VV	581	9471	0.11%	0.037%
134	9.392	9.345	9.401	VV	377	8725	0.11%	0.034%
135	9.407	9.401	9.444	VV	426	5929	0.07%	0.023%
136	9.468	9.444	9.487	VV	411	8476	0.10%	0.033%
137	9.540	9.487	9.572	VV	771	22149	0.27%	0.087%
138	9.615	9.572	9.642	VV	572	18761	0.23%	0.073%
139	9.661	9.642	9.686	VV	424	8290	0.10%	0.032%
140	9.714	9.686	9.739	VV	453	8571	0.10%	0.034%
141	9.767	9.739	9.779	VV	403	7848	0.10%	0.031%

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142	9.800	9.779	9.811	VV	556	8003	0.10%	0.031%
143	9.825	9.811	9.857	VV	568	11397	0.14%	0.045%
144	9.866	9.857	9.884	VV	337	4078	0.05%	0.016%
145	9.915	9.884	9.927	VV	467	9158	0.11%	0.036%
146	9.944	9.927	9.960	VV	611	8243	0.10%	0.032%
147	9.978	9.960	9.992	VV	557	8115	0.10%	0.032%
148	10.015	9.992	10.037	VV	937	15631	0.19%	0.061%
149	10.068	10.037	10.088	VV	472	9663	0.12%	0.038%
150	10.109	10.088	10.121	VV	576	7613	0.09%	0.030%
151	10.140	10.121	10.174	VV	555	11611	0.14%	0.045%
152	10.223	10.174	10.243	VV	760	21827	0.26%	0.085%
153	10.263	10.243	10.283	VV	672	12471	0.15%	0.049%
154	10.298	10.283	10.325	VV	743	12850	0.16%	0.050%
155	10.366	10.325	10.394	VV	1418	28441	0.34%	0.111%
156	10.410	10.394	10.441	VV	589	13383	0.16%	0.052%
157	10.464	10.441	10.515	VV	649	17364	0.21%	0.068%
158	10.534	10.515	10.557	VV	507	8445	0.10%	0.033%
159	10.577	10.557	10.595	VV	460	8295	0.10%	0.032%
160	10.613	10.595	10.625	VV	680	8182	0.10%	0.032%
161	10.632	10.625	10.652	VV	529	6735	0.08%	0.026%
162	10.666	10.652	10.699	VV	764	13115	0.16%	0.051%
163	10.722	10.699	10.800	VV	422	17936	0.22%	0.070%
164	10.821	10.800	10.855	PV	444	7817	0.09%	0.031%
165	10.866	10.855	10.877	VV	514	4679	0.06%	0.018%
166	10.894	10.877	10.938	VV	1406	26518	0.32%	0.104%
167	10.956	10.938	10.976	VV	1123	19336	0.23%	0.076%
168	10.988	10.976	11.048	VV	725	21857	0.27%	0.086%
169	11.078	11.048	11.127	VV	773	21648	0.26%	0.085%
170	11.145	11.127	11.159	VV	477	6628	0.08%	0.026%
171	11.181	11.159	11.197	VV	470	8336	0.10%	0.033%
172	11.233	11.197	11.390	VV	737516	8244233	100.00%	32.255%
173	11.412	11.390	11.454	VV	2428	54219	0.66%	0.212%
174	11.459	11.454	11.482	VV	926	12244	0.15%	0.048%
175	11.502	11.482	11.531	VV	735	18927	0.23%	0.074%
176	11.540	11.531	11.550	VV	704	7210	0.09%	0.028%
177	11.577	11.550	11.585	VV	826	14837	0.18%	0.058%
178	11.597	11.585	11.619	VV	891	14791	0.18%	0.058%
179	11.635	11.619	11.674	VV	1017	24971	0.30%	0.098%
180	11.695	11.674	11.786	VV	2532	80166	0.97%	0.314%
181	11.815	11.786	11.879	VV	986	32932	0.40%	0.129%
182	11.886	11.879	11.909	VV	462	7933	0.10%	0.031%
183	11.912	11.909	11.956	VV	461	9632	0.12%	0.038%
184	12.006	11.956	12.024	VV	934	24263	0.29%	0.095%
185	12.037	12.024	12.062	VV	978	19413	0.24%	0.076%
186	12.100	12.062	12.147	VV	3544	73088	0.89%	0.286%
187	12.172	12.147	12.190	VV	808	17432	0.21%	0.068%
188	12.204	12.190	12.225	VV	1016	15060	0.18%	0.059%
189	12.255	12.225	12.279	VV	1828	31177	0.38%	0.122%
190	12.289	12.279	12.302	VV	750	8415	0.10%	0.033%
191	12.328	12.302	12.405	VV	1557	42831	0.52%	0.168%
192	12.407	12.405	12.427	VV	407	3329	0.04%	0.013%
193	12.436	12.427	12.462	VV	279	4660	0.06%	0.018%
194	12.498	12.462	12.510	VV	374	8211	0.10%	0.032%

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195	12.520	12.510	12.531	VV	457	4803	0.06%	0.019%
196	12.542	12.531	12.572	VV	435	8711	0.11%	0.034%
197	12.604	12.572	12.627	VV	566	12216	0.15%	0.048%
198	12.681	12.627	12.805	VV	76433	1324377	16.06%	5.182%
199	12.808	12.805	12.902	VV	1053	43631	0.53%	0.171%
200	12.910	12.902	12.939	VV	557	10254	0.12%	0.040%
201	12.976	12.939	13.025	VV	1208	41046	0.50%	0.161%
202	13.039	13.025	13.082	VV	817	21208	0.26%	0.083%
203	13.127	13.082	13.153	VV	940	26284	0.32%	0.103%
204	13.171	13.153	13.222	VV	479	14889	0.18%	0.058%
205	13.240	13.222	13.263	VV	550	9371	0.11%	0.037%
206	13.297	13.263	13.310	VV	627	13884	0.17%	0.054%
207	13.323	13.310	13.337	VV	661	8058	0.10%	0.032%
208	13.350	13.337	13.362	VV	549	7513	0.09%	0.029%
209	13.365	13.362	13.399	VV	566	9144	0.11%	0.036%
210	13.419	13.399	13.427	VV	802	10019	0.12%	0.039%
211	13.464	13.427	13.505	VV	1268	37492	0.45%	0.147%
212	13.513	13.505	13.534	VV	596	7383	0.09%	0.029%
213	13.552	13.534	13.590	VV	438	10659	0.13%	0.042%
214	13.603	13.590	13.629	VV	419	6842	0.08%	0.027%
215	13.640	13.629	13.662	VV	372	5438	0.07%	0.021%
216	13.691	13.662	13.699	VV	388	6702	0.08%	0.026%
217	13.727	13.699	13.768	VV	436	12483	0.15%	0.049%
218	13.784	13.768	13.799	VV	376	5234	0.06%	0.020%
219	13.821	13.799	13.855	VV	449	10402	0.13%	0.041%
220	13.877	13.855	13.907	VV	544	10377	0.13%	0.041%
221	13.940	13.907	13.976	VV	506	15384	0.19%	0.060%
222	14.000	13.976	14.065	VV	421	17367	0.21%	0.068%
223	14.091	14.065	14.120	VV	529	10482	0.13%	0.041%
224	14.151	14.120	14.175	VV	757	15469	0.19%	0.061%
225	14.202	14.175	14.254	VV	512	17644	0.21%	0.069%
226	14.262	14.254	14.277	VV	294	3660	0.04%	0.014%
227	14.288	14.277	14.322	VV	409	8328	0.10%	0.033%
228	14.351	14.322	14.362	VV	563	9610	0.12%	0.038%
229	14.374	14.362	14.417	VV	639	12184	0.15%	0.048%
230	14.437	14.417	14.490	VV	484	14710	0.18%	0.058%
231	14.569	14.490	14.612	VV	1102	43293	0.53%	0.169%
232	14.649	14.612	14.674	VV	453	12556	0.15%	0.049%
233	14.694	14.674	14.741	VV	623	13717	0.17%	0.054%
234	14.774	14.741	14.820	PV	339	10397	0.13%	0.041%
235	14.831	14.820	14.839	VV	324	2184	0.03%	0.009%
236	14.853	14.839	14.899	VV	363	7443	0.09%	0.029%
237	14.905	14.899	14.914	VV	259	1462	0.02%	0.006%
238	14.946	14.914	14.959	VV	402	6433	0.08%	0.025%
239	14.966	14.959	14.989	VV	361	5337	0.06%	0.021%
240	15.014	14.989	15.027	VV	453	8057	0.10%	0.032%
241	15.034	15.027	15.065	VV	590	7464	0.09%	0.029%
242	15.071	15.065	15.094	VV	419	5433	0.07%	0.021%
243	15.104	15.094	15.119	VV	373	5071	0.06%	0.020%
244	15.137	15.119	15.153	VV	696	10907	0.13%	0.043%
245	15.161	15.153	15.185	VV	540	8982	0.11%	0.035%
246	15.195	15.185	15.220	VV	445	7137	0.09%	0.028%

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247	15.229	15.220	15.240	VV	498	4410	0.05%	0.017%
248	15.258	15.240	15.319	VV	596	17966	0.22%	0.070%
249	15.326	15.319	15.334	VV	362	2746	0.03%	0.011%
250	15.349	15.334	15.363	VV	434	5848	0.07%	0.023%
251	15.371	15.363	15.384	VV	358	3513	0.04%	0.014%
252	15.410	15.384	15.499	VV	621	19716	0.24%	0.077%
253	15.508	15.499	15.534	VV	287	3386	0.04%	0.013%
254	15.589	15.534	15.669	VV	1043	39049	0.47%	0.153%
255	15.681	15.669	15.715	VV	451	9829	0.12%	0.038%
256	15.722	15.715	15.735	VV	287	2380	0.03%	0.009%
257	15.767	15.735	15.804	VV	401	10017	0.12%	0.039%
258	15.819	15.804	15.848	VV	348	4871	0.06%	0.019%
259	15.863	15.848	15.873	VV	238	2659	0.03%	0.010%
260	15.880	15.873	15.945	VV	320	8084	0.10%	0.032%
261	15.953	15.945	15.965	VV	199	2199	0.03%	0.009%
262	15.976	15.965	15.994	PV	288	3357	0.04%	0.013%
263	16.015	15.994	16.030	VV	366	5470	0.07%	0.021%
264	16.041	16.030	16.059	VV	348	4226	0.05%	0.017%
265	16.080	16.059	16.124	VV	508	12529	0.15%	0.049%
266	16.130	16.124	16.137	VV	276	1845	0.02%	0.007%
267	16.155	16.137	16.207	VV	403	10618	0.13%	0.042%
268	16.254	16.207	16.279	VV	485	12816	0.16%	0.050%
269	16.284	16.279	16.307	VV	263	3252	0.04%	0.013%
270	16.335	16.307	16.355	VV	272	5261	0.06%	0.021%
271	16.385	16.355	16.412	VV	450	11278	0.14%	0.044%
272	16.421	16.412	16.458	VV	493	8601	0.10%	0.034%
273	16.468	16.458	16.480	VV	379	3953	0.05%	0.015%
274	16.530	16.480	16.562	VV	1081	30238	0.37%	0.118%
275	16.576	16.562	16.630	VV	789	20333	0.25%	0.080%
276	16.655	16.630	16.707	VV	316	9892	0.12%	0.039%
277	16.713	16.707	16.722	VV	256	1462	0.02%	0.006%
278	16.732	16.722	16.741	VV	214	1817	0.02%	0.007%
279	16.756	16.741	16.768	VV	309	3335	0.04%	0.013%
280	16.782	16.768	16.812	VV	333	5561	0.07%	0.022%
281	16.822	16.812	16.847	VV	212	2978	0.04%	0.012%
282	16.870	16.847	16.902	PV	329	6160	0.07%	0.024%
283	16.928	16.902	16.945	VV	298	5951	0.07%	0.023%
284	16.983	16.945	17.019	VV	860	24509	0.30%	0.096%
285	17.041	17.019	17.072	VV	711	12634	0.15%	0.049%
286	17.080	17.072	17.109	VV	302	4556	0.06%	0.018%
287	17.139	17.109	17.155	VV	408	7586	0.09%	0.030%
288	17.172	17.155	17.196	VV	488	6713	0.08%	0.026%
289	17.208	17.196	17.231	VV	411	5534	0.07%	0.022%
290	17.281	17.231	17.324	VV	346	15793	0.19%	0.062%
291	17.331	17.324	17.354	VV	415	5836	0.07%	0.023%
292	17.359	17.354	17.375	VV	355	4226	0.05%	0.017%
293	17.411	17.375	17.464	VV	1504	39317	0.48%	0.154%
294	17.478	17.464	17.493	VV	329	5322	0.06%	0.021%
295	17.518	17.493	17.544	VV	373	8281	0.10%	0.032%
296	17.555	17.544	17.587	VV	270	4397	0.05%	0.017%
297	17.593	17.587	17.620	VV	208	2355	0.03%	0.009%
298	17.659	17.620	17.689	VV	444	10720	0.13%	0.042%
299	17.697	17.689	17.710	VV	345	3032	0.04%	0.012%

					rterres			
300	17.719	17.710	17.730	VV	295	2801	0.03%	0.011%
301	17.762	17.730	17.775	VV	400	5960	0.07%	0.023%
302	17.784	17.775	17.794	VV	215	1644	0.02%	0.006%
303	17.831	17.794	17.874	VV	1332	31754	0.39%	0.124%
304	17.883	17.874	17.912	VV	482	9266	0.11%	0.036%
305	17.926	17.912	17.939	VV	541	5037	0.06%	0.020%
306	18.017	17.939	18.030	PV	384	11803	0.14%	0.046%
307	18.065	18.030	18.082	VV	448	10983	0.13%	0.043%
308	18.099	18.082	18.129	VV	477	10035	0.12%	0.039%
309	18.143	18.129	18.155	VV	316	4989	0.06%	0.020%
310	18.173	18.155	18.187	VV	457	6099	0.07%	0.024%
311	18.194	18.187	18.202	VV	358	2688	0.03%	0.011%
312	18.241	18.202	18.307	VV	1758	44767	0.54%	0.175%
313	18.324	18.307	18.342	VV	355	4661	0.06%	0.018%
314	18.348	18.342	18.362	VV	396	2254	0.03%	0.009%
315	18.395	18.362	18.429	VV	324	8121	0.10%	0.032%
316	18.442	18.429	18.457	VV	271	3212	0.04%	0.013%
317	18.489	18.457	18.525	VV	282	6780	0.08%	0.027%
318	18.533	18.525	18.555	VV	162	2192	0.03%	0.009%
319	18.635	18.555	18.689	PV	921	34036	0.41%	0.133%
320	18.702	18.689	18.744	VV	358	7731	0.09%	0.030%

Sum of corrected areas: 25559642

Aromatic EPH 030725.M Tue Mar 11 14:14:39 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031125AL\
Data File : FC068390.D
Signal(s) : FID1A.ch
Acq On : 11 Mar 2025 08:37
Operator : YP/AJ
Sample : PB167056BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB167056BL

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Integration File: autoint1.e
Quant Time: Mar 11 13:40:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
Quant Title : GC Extractables
QLast Update : Thu Mar 06 12:39:25 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...	12.832	4133056	35.684 ug/ml
Spiked Amount	50.000	Recovery	= 71.37%

Target Compounds

(f)=RT Delta > 1/2 Window

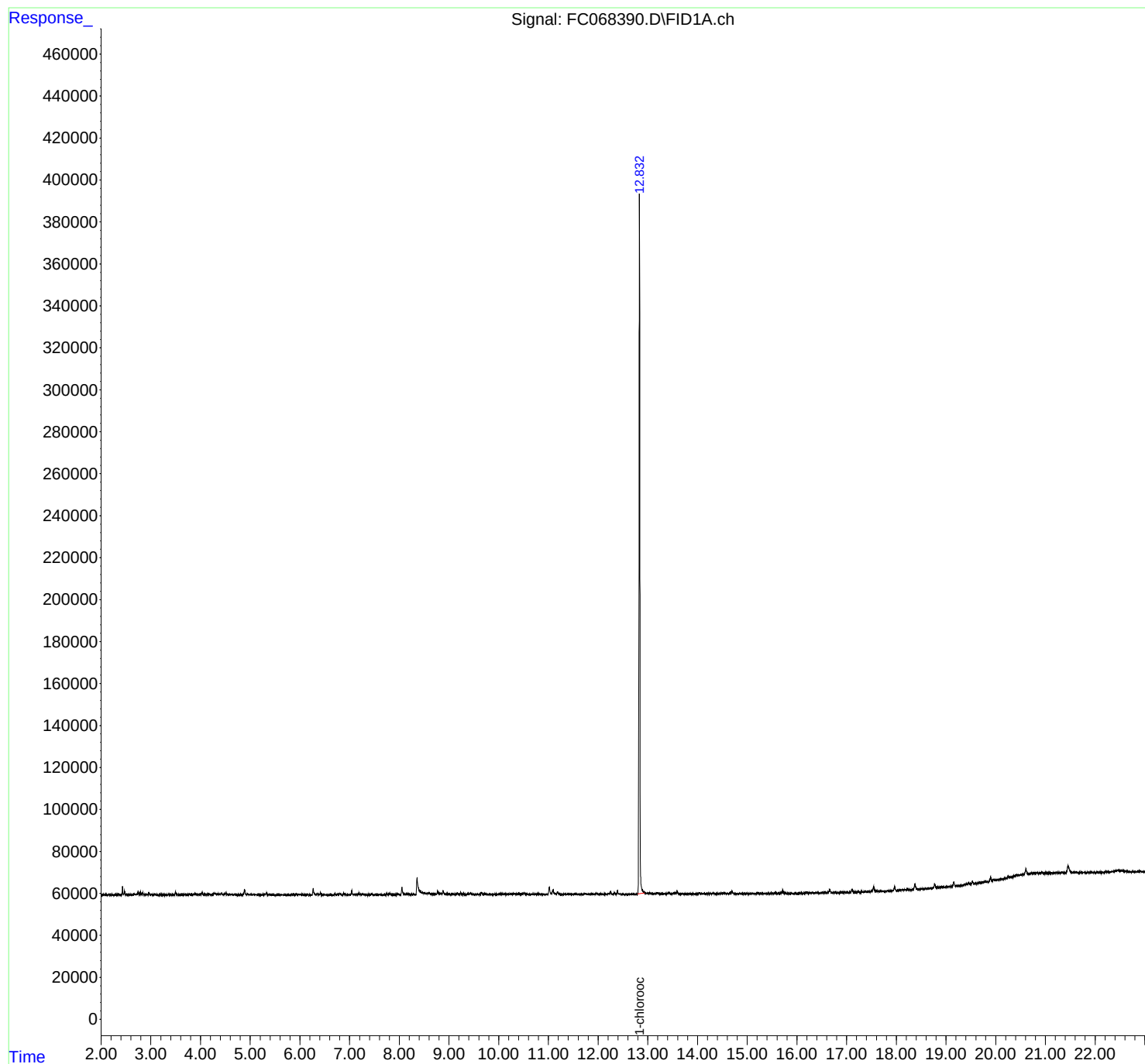
(m)=manual int.

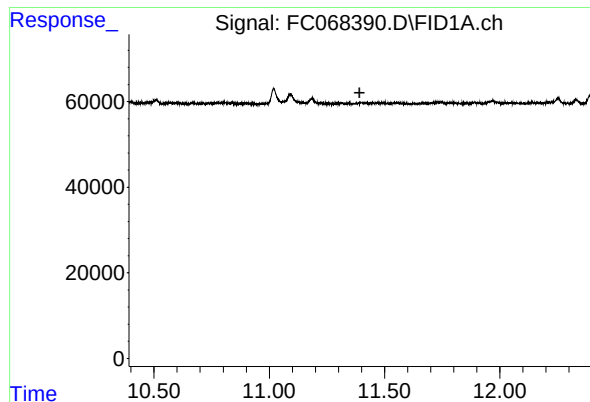
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031125AL\
Data File : FC068390.D
Signal(s) : FID1A.ch
Acq On : 11 Mar 2025 08:37
Operator : YP/AJ
Sample : PB167056BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB167056BL

Integration File: autoint1.e
Quant Time: Mar 11 13:40:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
Quant Title : GC Extractables
QLast Update : Thu Mar 06 12:39:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

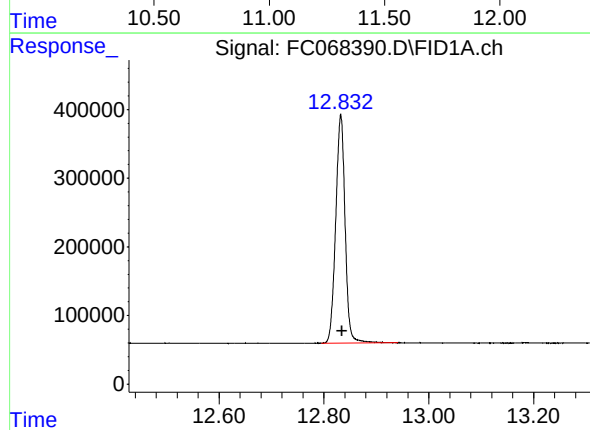




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.391 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
PB167056BL



#12 1-chlorooctadecane (SURR)

R.T.: 12.832 min
Delta R.T.: -0.002 min
Response: 4133056
Conc: 35.68 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031125AL\
 Data File : FC068390.D
 Signal(s) : FID1A.ch
 Acq On : 11 Mar 2025 08:37
 Sample : PB167056BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.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	12.832	12.795	12.941	BB	331645	4133056	100.00%	100.000%
Sum of corrected areas:						4133056		

Aliphatic EPH 030625.M Tue Mar 11 13:51:44 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
 Data File : FD049180.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 08:37
 Operator : YP/AJ
 Sample : PB167056BL
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB167056BL

Integration File: autoint1.e
 Quant Time: Mar 11 13:58:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 10:50:40 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...	7.350	8309413	54.647 ug/ml
Spiked Amount 50.000		Recovery =	109.29%
6) S 2-Fluorobiphenyl (SURR)	8.201	4671364	58.650 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.30%
11) S ortho-Terphenyl (SURR)	11.233	7869757	45.020 ug/ml
Spiked Amount 50.000		Recovery =	90.04%

Target Compounds

(f)=RT Delta > 1/2 Window

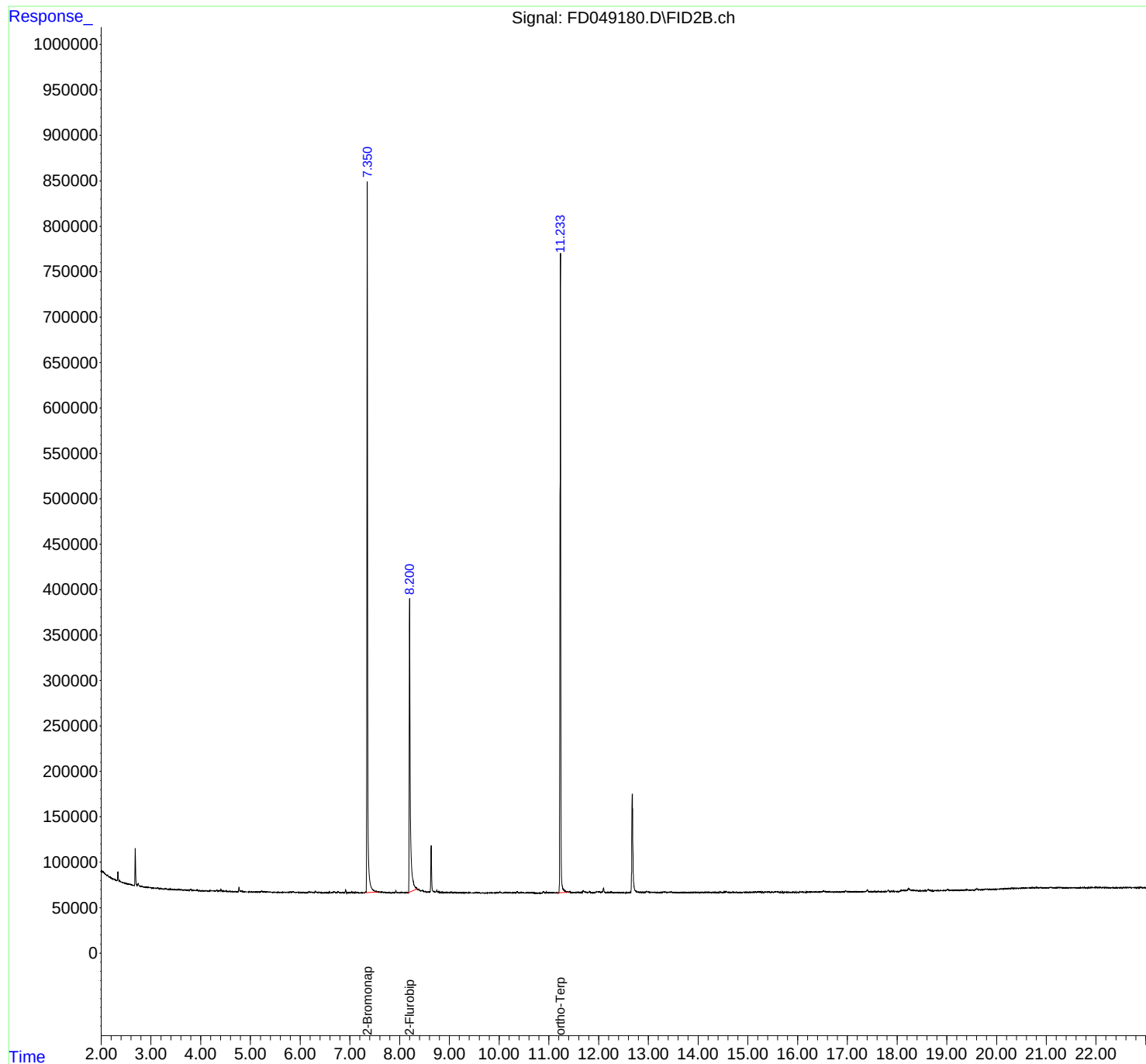
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
Data File : FD049180.D
Signal(s) : FID2B.ch
Acq On : 11 Mar 2025 08:37
Operator : YP/AJ
Sample : PB167056BL
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB167056BL

Integration File: autoint1.e
Quant Time: Mar 11 13:58:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
Quant Title : GC Extractables
QLast Update : Mon Mar 10 10:50:40 2025
Response via : Initial Calibration
Integrator: ChemStation

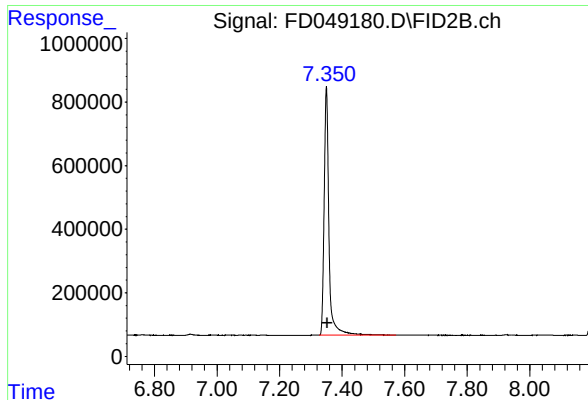
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



#4 2-Bromonaphthalene (SURR)

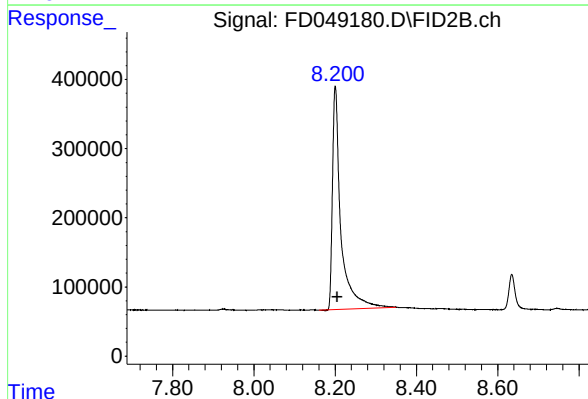
R.T.: 7.350 min
Delta R.T.: -0.003 min
Response: 8309413
Conc: 54.65 ug/ml

Instrument :
FID_D
ClientSampleId :
PB167056BL



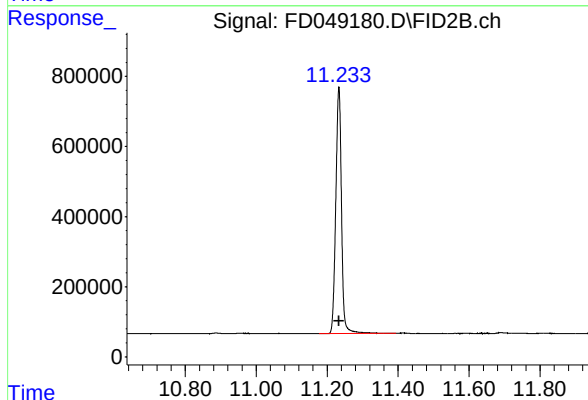
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.201 min
Delta R.T.: -0.004 min
Response: 4671364
Conc: 58.65 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: 0.000 min
Response: 7869757
Conc: 45.02 ug/ml



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
Data File : FD049180.D
Signal(s) : FID2B.ch
Acq On : 11 Mar 2025 08:37
Sample : PB167056BL
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.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	7.350	7.326	7.572	VB	782615	8309413	100.00%	39.852%
2	8.201	8.160	8.350	BBA	322987	4671364	56.22%	22.404%
3	11.233	11.177	11.394	BV	705090	7869757	94.71%	37.744%
Sum of corrected areas:							20850534	

Aromatic EPH 030725.M Tue Mar 11 14:12:10 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

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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

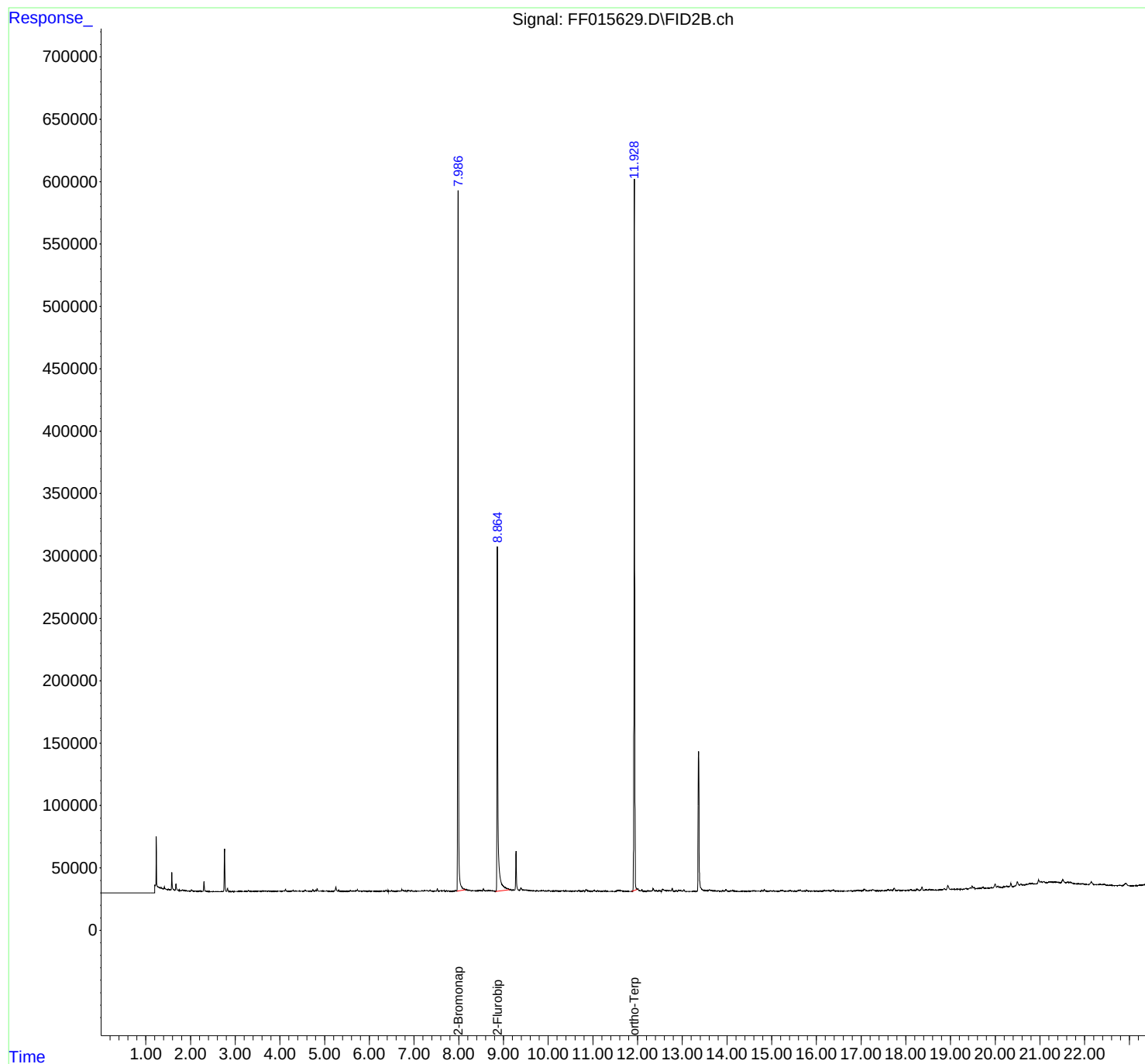
(m)=manual int.

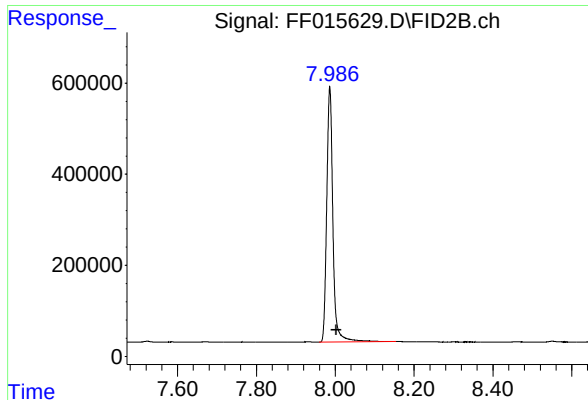
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
Data File : FF015629.D
Signal(s) : FID2B.ch
Acq On : 10 Mar 2025 16:47
Operator : YP\AJ
Sample : PB167058BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

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

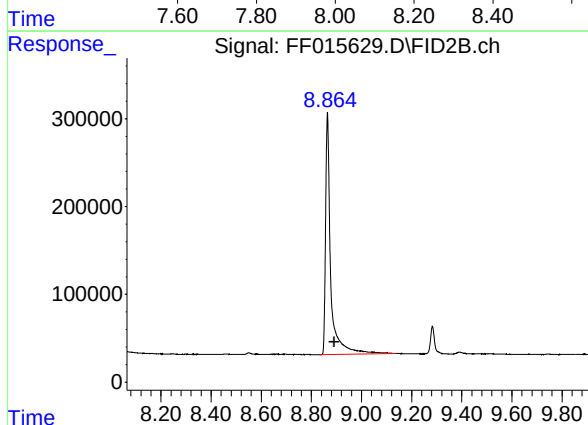




#4 2-Bromonaphthalene (SURR)

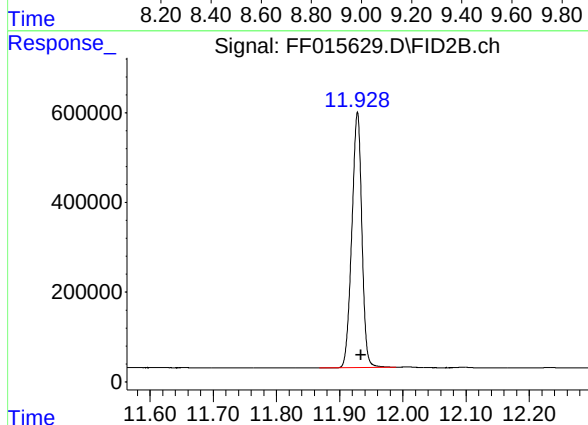
R.T.: 7.986 min
Delta R.T.: -0.017 min
Response: 6103809
Conc: 52.43 ug/ml

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

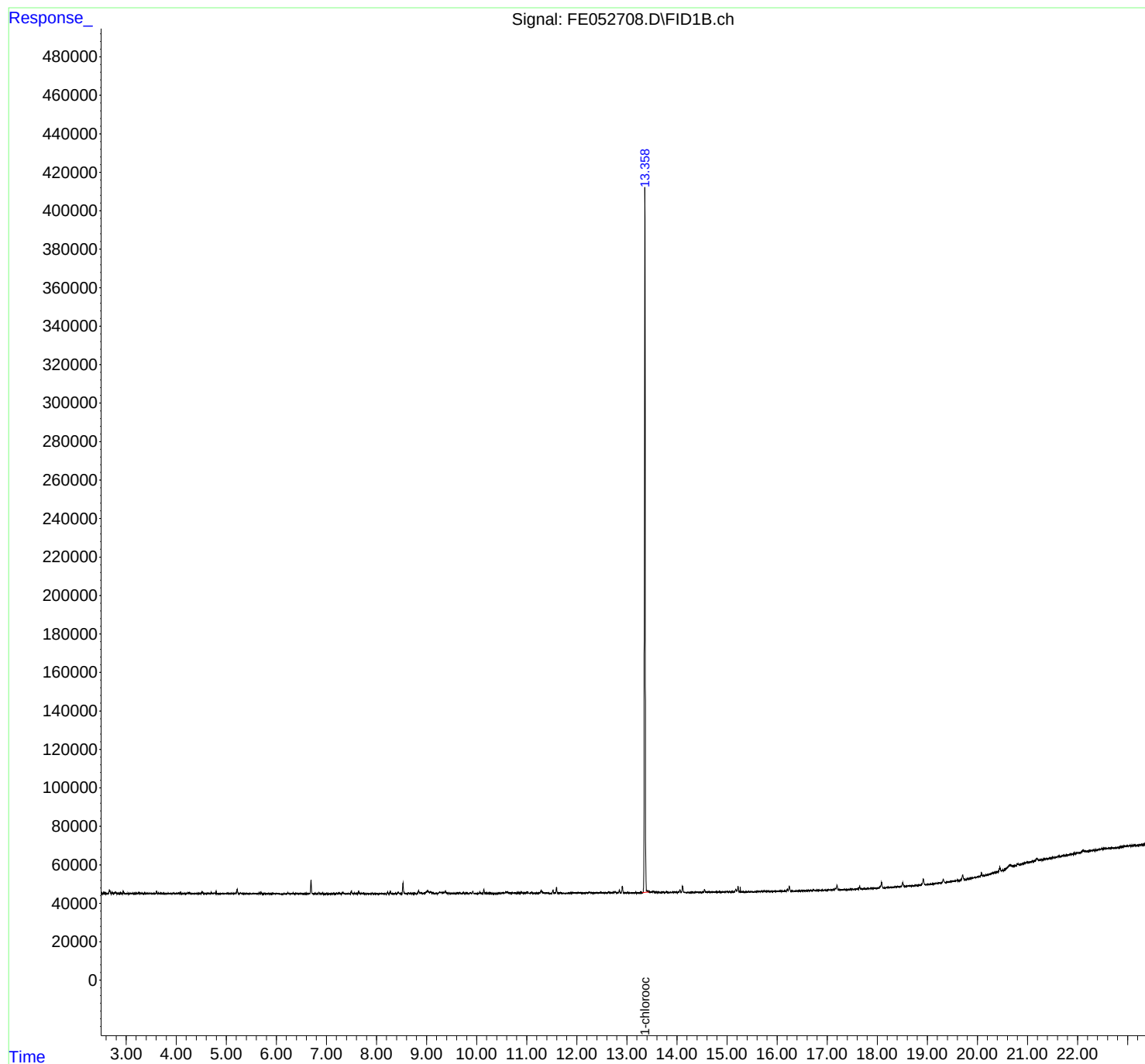
(m)=manual int.

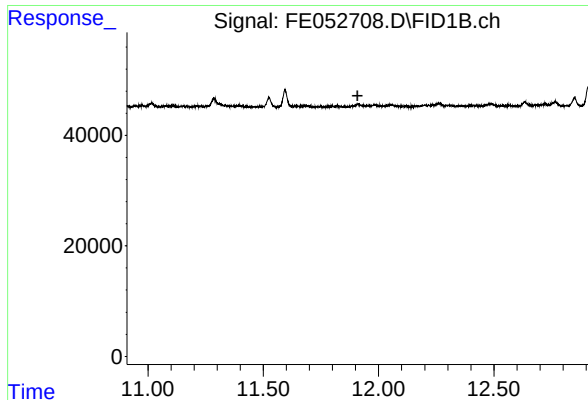
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
Data File : FE052708.D
Signal(s) : FID1B.ch
Acq On : 10 Mar 2025 20:02
Operator : YP\AJ
Sample : PB167058BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

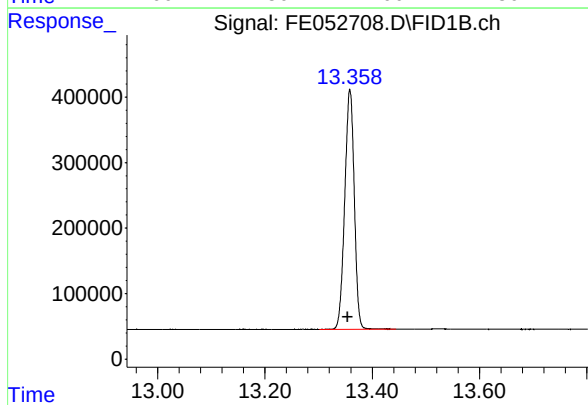




#9 ortho-Terphenyl (SURR)

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_D\Data\FD031125AR\
 Data File : FD049181.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 09:14
 Operator : YP/AJ
 Sample : PB167056BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB167056BS

Integration File: autoint1.e
 Quant Time: Mar 11 14:05:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 10:50:40 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...	7.349	8348883	54.906 ug/ml
Spiked Amount 50.000		Recovery =	109.81%
6) S 2-Fluorobiphenyl (SURR)	8.200	5252333	65.944 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	131.89%#
11) S ortho-Terphenyl (SURR)	11.233	8030559	45.940 ug/ml
Spiked Amount 50.000		Recovery =	91.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	5679882	34.368 ug/ml
2) T Naphthalene (C11.7)	5.690	6265594	38.153 ug/ml
3) T 2-Methylnaphthalene (...)	6.737	6024633	36.750 ug/ml
5) T Acenaphthylene (C15.06)	8.002	6996114	40.280 ug/ml
7) T Acenaphthene (C15.5)	8.296	7488103	40.004 ug/ml
8) T Fluorene (C16.55)	9.074	7602261	46.965 ug/ml
9) T Phenanthrene (C19.36)	10.463	7783593	49.485 ug/ml
10) T Anthracene (C19.43)	10.539	7833572	51.270 ug/ml
12) T Fluoranthene (C21.85)	12.268	8203760	50.832 ug/ml
13) T Pyrene (C20.8)	12.560	8142639	50.434 ug/ml
14) T Benzo[a]anthracene (C...	14.431	7439335	63.525 ug/ml
15) T Chrysene (C27.41)	14.472	7328857	46.918 ug/ml
16) T benzo[b]fluoranthene ...	15.982	7533173	57.540 ug/ml
17) T Bnezo[k]fluoranthene ...	16.013	7903401	48.839 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.355	7181460	52.141 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.724	6160747	63.262 ug/ml
20) T Dibenz[a,h]anthracene...	17.759	7230852	62.118 ug/ml
21) T Benzo[g,h,i]perylene ...	17.974	7173702	57.983 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
 Data File : FD049181.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 09:14
 Sample : PB167056BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.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	4.174	4.158	4.302	VV	624559	5679882	68.03%	3.747%
2	5.690	5.612	5.920	BB	594528	6265594	75.05%	4.133%
3	6.737	6.709	6.892	VV	518905	6024633	72.16%	3.974%
4	7.349	7.325	7.547	VB	820361	8348883	100.00%	5.507%
5	8.002	7.967	8.130	PV	678147	6996114	83.80%	4.615%
6	8.200	8.170	8.270	BV	510608	5252333	62.91%	3.465%
7	8.296	8.270	8.350	VBA	742930	7488103	89.69%	4.939%
8	9.074	8.982	9.239	BV	680041	7602261	91.06%	5.015%
9	10.463	10.395	10.513	BV	745446	7783593	93.23%	5.134%
10	10.539	10.513	10.740	VV	643278	7833572	93.83%	5.167%
11	11.233	11.180	11.340	BB	752532	8030559	96.19%	5.297%
12	12.268	12.245	12.447	VB	704855	8203760	98.26%	5.411%
13	12.560	12.529	12.640	BV	694112	8142639	97.53%	5.371%
14	14.431	14.400	14.450	BV	637051	7439335	89.11%	4.907%
15	14.472	14.450	14.505	VV	564133	7328857	87.78%	4.834%
16	15.982	15.882	15.995	BV	603952	7533173	90.23%	4.969%
17	16.013	15.995	16.210	VB	611473	7903401	94.66%	5.213%
18	16.355	16.300	16.455	BV	501913	7181460	86.02%	4.737%
19	17.724	17.655	17.739	BV	487847	6160747	73.79%	4.064%
20	17.759	17.739	17.937	VV	362212	7230852	86.61%	4.770%
21	17.974	17.937	18.160	VV	460882	7173702	85.92%	4.732%
Sum of corrected areas:						151603455		

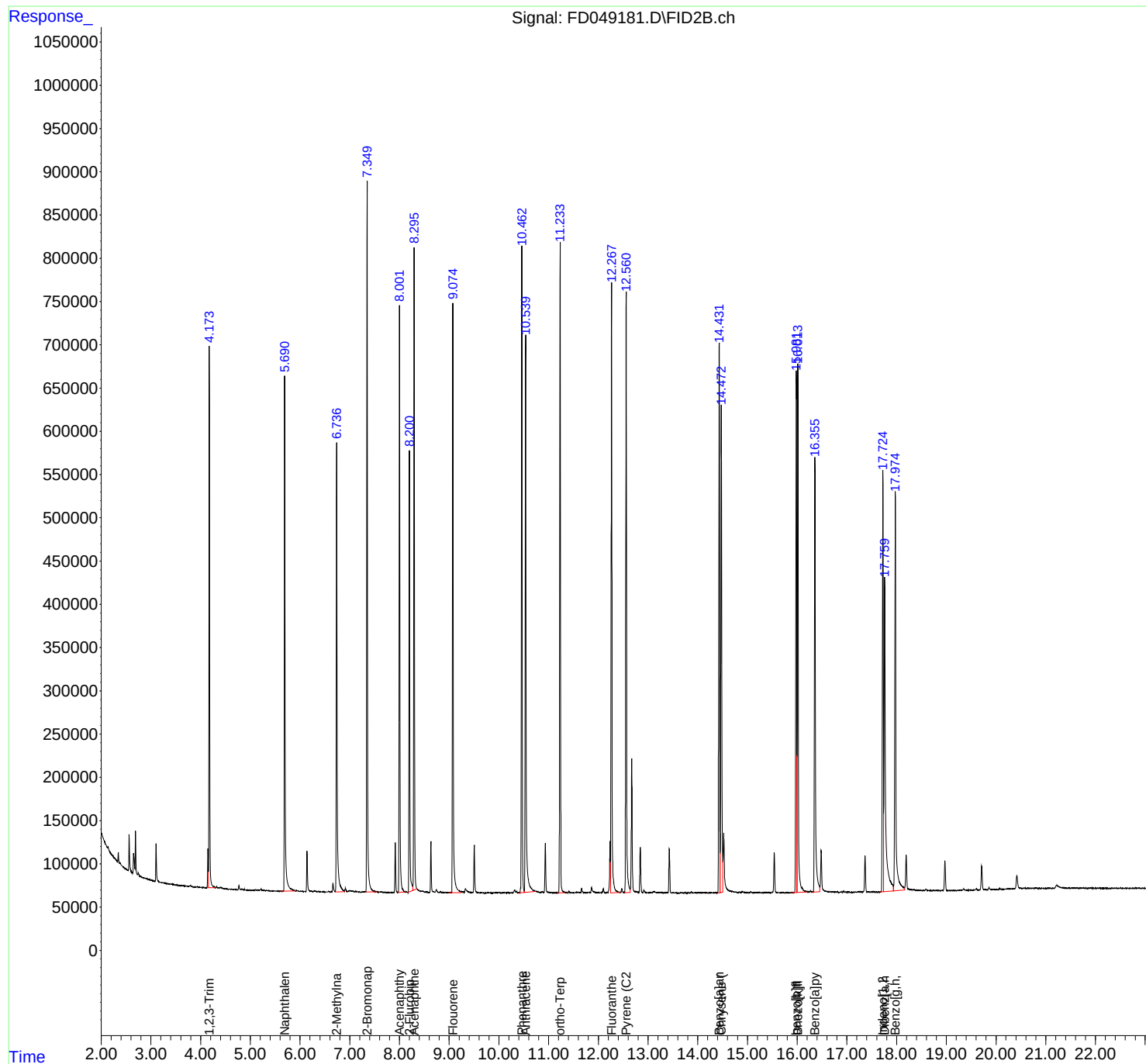
Aromatic EPH 030725.M Sat Mar 15 04:22:35 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
Data File : FD049181.D
Signal(s) : FID2B.ch
Acq On : 11 Mar 2025 09:14
Operator : YP/AJ
Sample : PB167056BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB167056BS

Integration File: autoint1.e
Quant Time: Mar 11 14:05:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
Quant Title : GC Extractables
QLast Update : Mon Mar 10 10:50:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031125AL\
 Data File : FC068391.D
 Signal(s) : FID1A.ch
 Acq On : 11 Mar 2025 09:14
 Operator : YP/AJ
 Sample : PB167056BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167056BS

Integration File: autoint1.e
 Quant Time: Mar 11 13:40:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 06 12:39:25 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...	12.832	4190688	36.182 ug/ml
Spiked Amount 50.000		Recovery =	72.36%
Target Compounds			
1) T n-Nonane (C9)	3.202	3247110	22.249 ug/ml
2) T n-Decane (C10)	4.258	3961666	26.968 ug/ml
4) T n-Dodecane (C12)	6.265	4419466	30.270 ug/ml
6) T n-Tetradecane (C14)	8.053	4934454	35.096 ug/ml
7) T n-Hexadecane (C16)	9.649	5491233	38.834 ug/ml
8) T n-Octadecane (C18)	11.086	5834976	41.203 ug/ml
10) T n-Eicosane (C20)	12.393	6091738	44.830 ug/ml
11) T n-Heneicosane (C21)	13.003	5863316	43.923 ug/ml
13) T n-Docosane (C22)	13.587	5840647	44.293 ug/ml
14) T n-Tetracosane (C24)	14.688	5772520	43.540 ug/ml
15) T n-Hexacosane (C26)	15.706	5692168	43.464 ug/ml
16) T n-Octacosane (C28)	16.655	5549483	42.803 ug/ml
17) T n-Tricontane (C30)	17.540	5702596	41.663 ug/ml
18) T n-Dotriacontane (C32)	18.372	5673242	42.090 ug/ml
19) T n-Tetratriacontane (C34)	19.154	5603299	45.019 ug/ml
20) T n-Hexatriacontane (C36)	19.894	5347294	49.474 ug/ml
21) T n-Octatriacontane (C38)	20.606	5141354	52.406 ug/ml
22) T n-Tetracontane (C40)	21.453	4642304	51.492 ug/ml

(f)=RT Delta > 1/2 Window

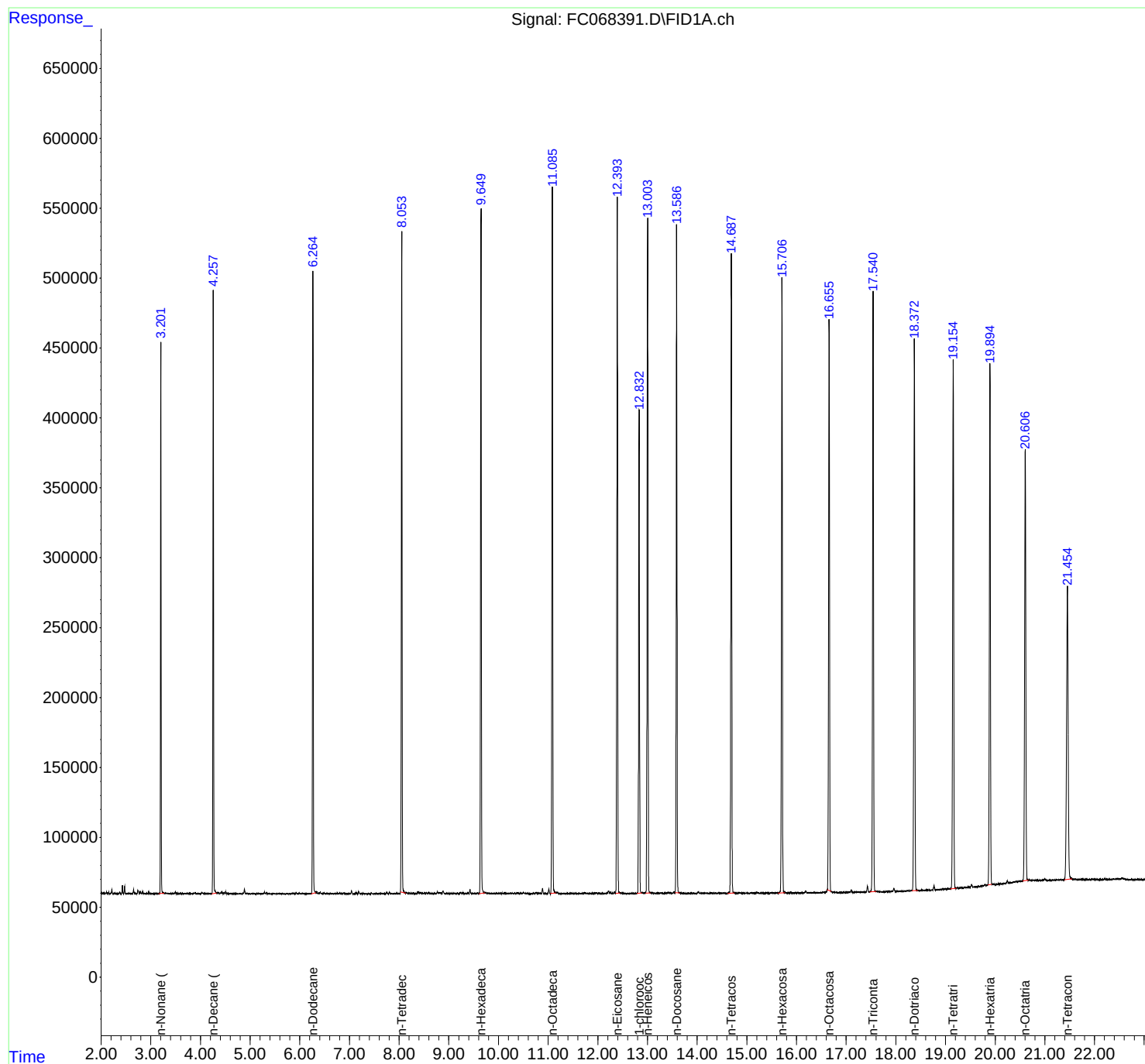
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031125AL\
Data File : FC068391.D
Signal(s) : FID1A.ch
Acq On : 11 Mar 2025 09:14
Operator : YP/AJ
Sample : PB167056BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB167056BS

Integration File: autoint1.e
Quant Time: Mar 11 13:40:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
Quant Title : GC Extractables
QLast Update : Thu Mar 06 12:39:25 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_C\Data\FC031125AL\
 Data File : FC068391.D
 Signal(s) : FID1A.ch
 Acq On : 11 Mar 2025 09:14
 Sample : PB167056BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.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	3.161	3.264	BB	392167	3247110	53.30%	3.278%
2	4.258	4.224	4.324	BB	431691	3961666	65.03%	4.000%
3	6.265	6.228	6.328	BB	444676	4419466	72.55%	4.462%
4	8.053	8.028	8.131	BB	471034	4934454	81.00%	4.982%
5	9.649	9.611	9.724	BB	481905	5491233	90.14%	5.544%
6	11.086	11.051	11.161	BB	499040	5834976	95.79%	5.891%
7	12.393	12.358	12.451	BB	493067	6091738	100.00%	6.150%
8	12.832	12.788	12.891	BB	344491	4190688	68.79%	4.231%
9	13.003	12.961	13.061	BB	477761	5863316	96.25%	5.920%
10	13.587	13.554	13.648	BB	475102	5840647	95.88%	5.897%
11	14.688	14.614	14.751	BB	454560	5772520	94.76%	5.828%
12	15.706	15.624	15.771	BB	428441	5692168	93.44%	5.747%
13	16.655	16.601	16.699	BBA	404984	5595681	91.86%	5.650%
14	17.540	17.471	17.608	BB	428908	5702596	93.61%	5.758%
15	18.372	18.321	18.444	BB	387330	5673242	93.13%	5.728%
16	19.154	19.101	19.218	BB	377420	5603299	91.98%	5.657%
17	19.894	19.851	19.934	BB	372685	5347294	87.78%	5.399%
18	20.606	20.551	20.671	BB	306175	5141354	84.40%	5.191%
19	21.453	21.391	21.551	BB	210110	4642304	76.21%	4.687%
Sum of corrected areas:						99045751		

Aliphatic EPH 030625.M Tue Mar 11 13:52:02 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

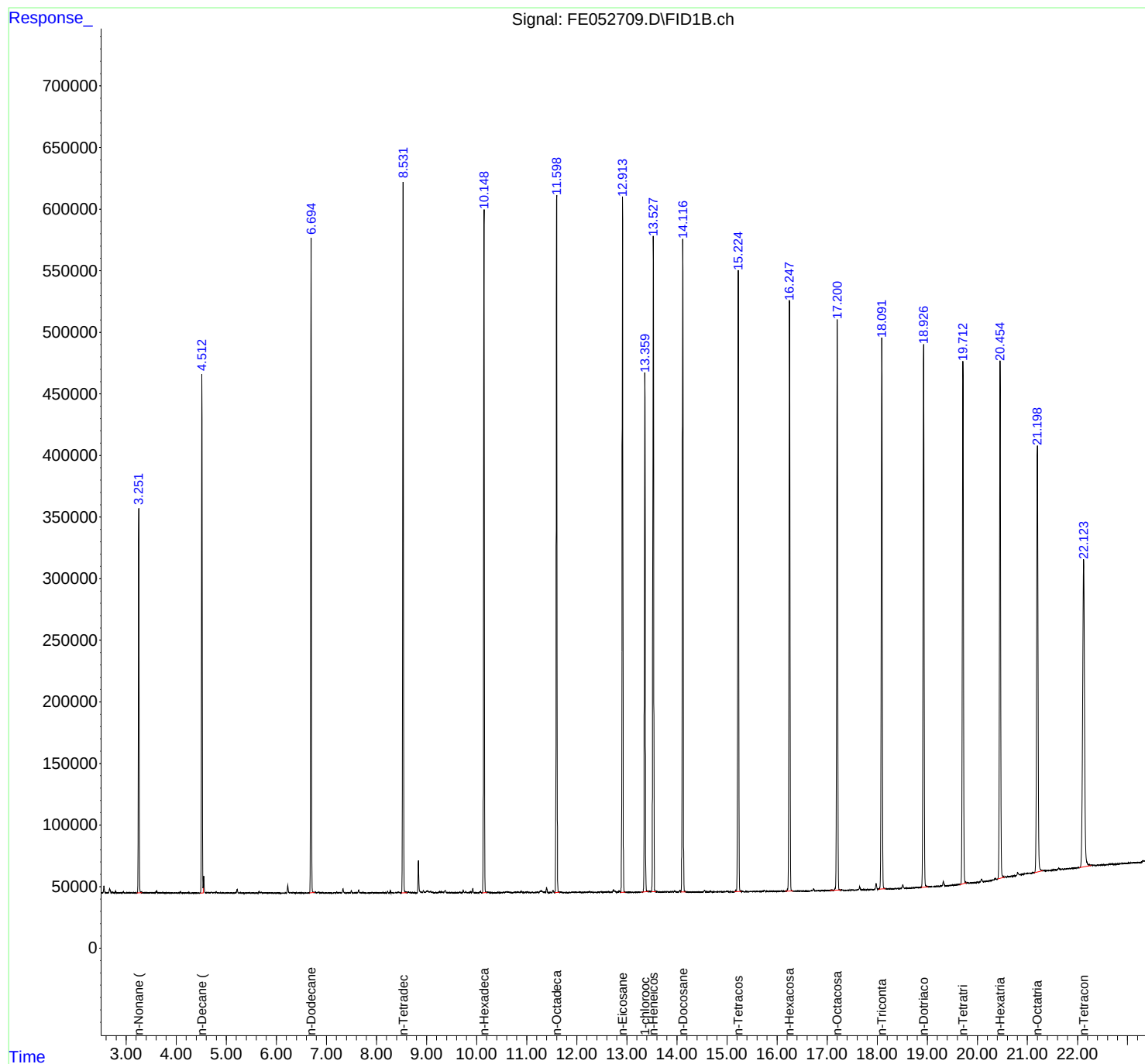
(m)=manual int.

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

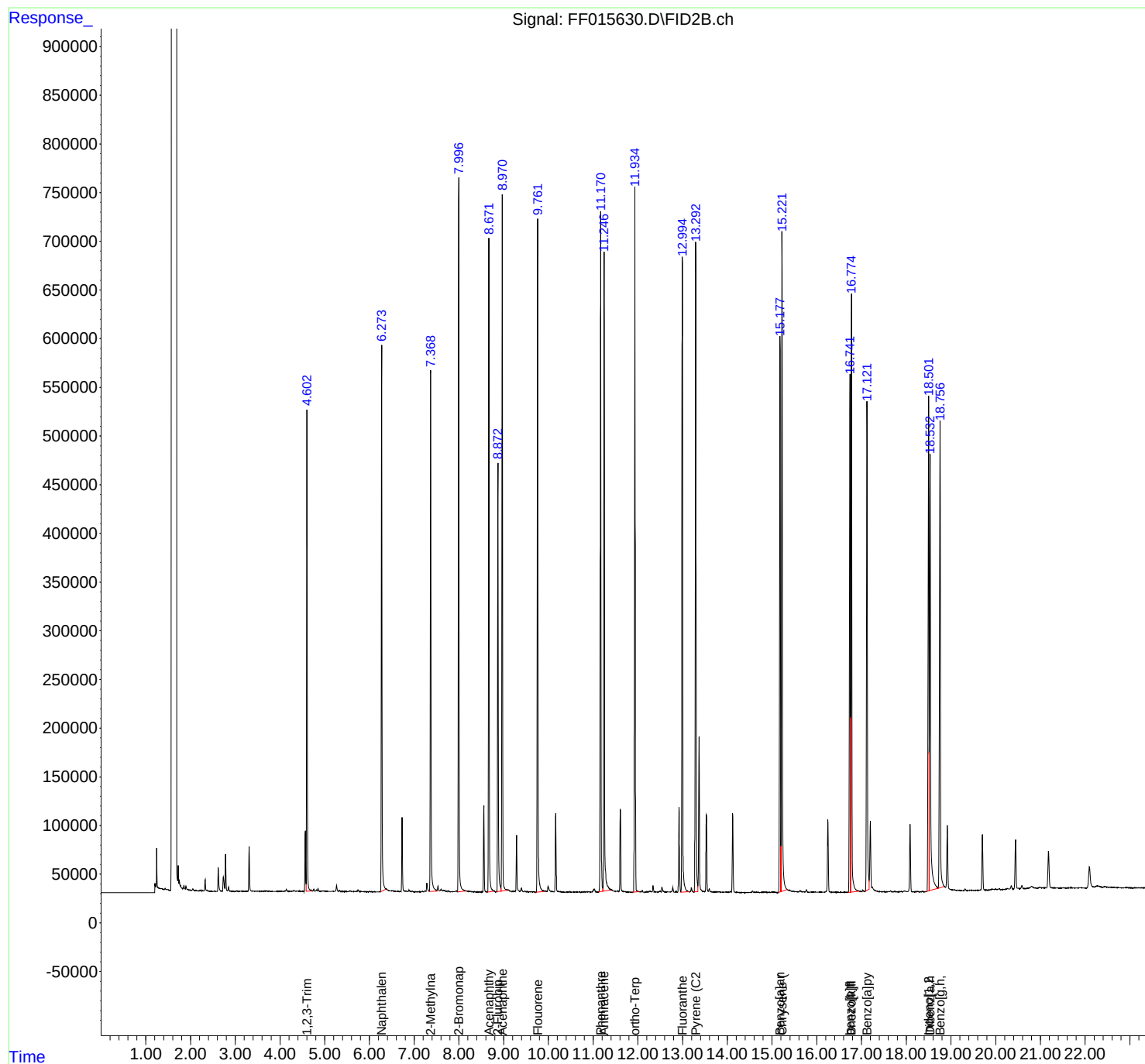
(m)=manual int.

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\FC031125AL\
 Data File : FC068392.D
 Signal(s) : FID1A.ch
 Acq On : 11 Mar 2025 09:52
 Operator : YP/AJ
 Sample : PB167056BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167056BSD

Integration File: autoint1.e
 Quant Time: Mar 11 13:46:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 06 12:39:25 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...	12.833	4031444	34.807 ug/ml
Spiked Amount 50.000		Recovery =	69.61%
Target Compounds			
1) T n-Nonane (C9)	3.201	3175074	21.756 ug/ml
2) T n-Decane (C10)	4.258	3870562	26.348 ug/ml
4) T n-Dodecane (C12)	6.265	4314900	29.554 ug/ml
6) T n-Tetradecane (C14)	8.053	4815500	34.250 ug/ml
7) T n-Hexadecane (C16)	9.648	5343483	37.789 ug/ml
8) T n-Octadecane (C18)	11.086	5680297	40.111 ug/ml
10) T n-Eicosane (C20)	12.392	5937033	43.692 ug/ml
11) T n-Heneicosane (C21)	13.003	5717134	42.828 ug/ml
13) T n-Docosane (C22)	13.588	5694890	43.188 ug/ml
14) T n-Tetracosane (C24)	14.688	5634098	42.495 ug/ml
15) T n-Hexacosane (C26)	15.706	5573564	42.559 ug/ml
16) T n-Octacosane (C28)	16.655	5498996	42.413 ug/ml
17) T n-Tricontane (C30)	17.540	5616705	41.035 ug/ml
18) T n-Dotriacontane (C32)	18.373	5601151	41.555 ug/ml
19) T n-Tetratriacontane (C34)	19.154	5529782	44.428 ug/ml
20) T n-Hexatriacontane (C36)	19.893	5277843	48.831 ug/ml
21) T n-Octatriacontane (C38)	20.605	5130927	52.300 ug/ml
22) T n-Tetracontane (C40)	21.452	4842454	53.712 ug/ml

(f)=RT Delta > 1/2 Window

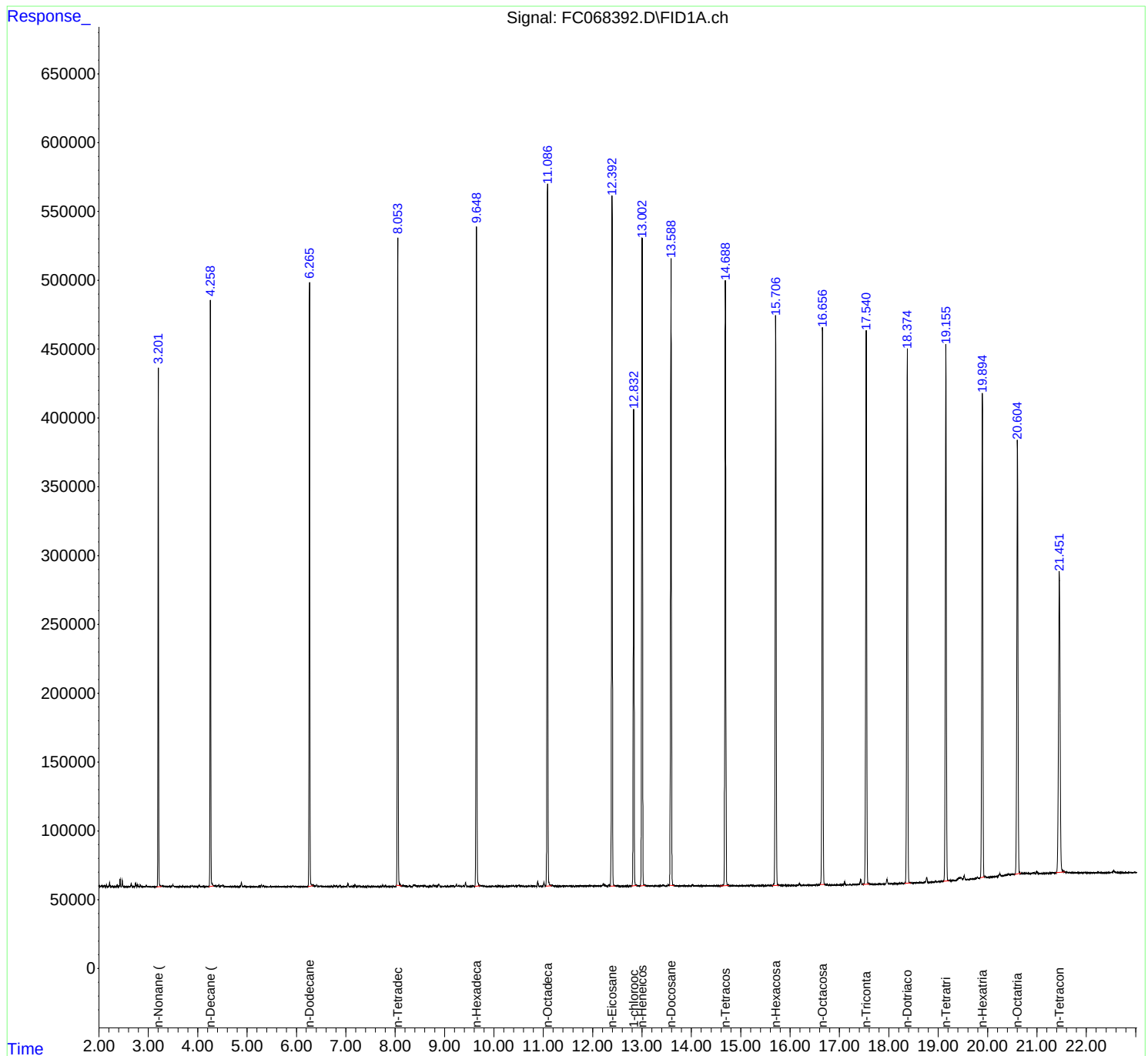
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031125AL\
Data File : FC068392.D
Signal(s) : FID1A.ch
Acq On : 11 Mar 2025 09:52
Operator : YP/AJ
Sample : PB167056BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB167056BSD

Integration File: autoint1.e
Quant Time: Mar 11 13:46:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
Quant Title : GC Extractables
QLast Update : Thu Mar 06 12:39:25 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_C\Data\FC031125AL\
 Data File : FC068392.D
 Signal(s) : FID1A.ch
 Acq On : 11 Mar 2025 09:52
 Sample : PB167056BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.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	3.201	3.168	3.268	BB	377556	3175074	53.48%	3.264%
2	4.258	4.228	4.321	BB	425751	3870562	65.19%	3.979%
3	6.265	6.231	6.331	BB	438241	4314900	72.68%	4.435%
4	8.053	8.028	8.131	BB	470555	4815500	81.11%	4.950%
5	9.648	9.611	9.721	BB	477518	5343483	90.00%	5.493%
6	11.086	11.051	11.161	BB	499390	5680297	95.68%	5.839%
7	12.392	12.358	12.451	BB	495083	5937033	100.00%	6.103%
8	12.833	12.791	12.894	BB	341377	4031444	67.90%	4.144%
9	13.003	12.958	13.068	BB	472293	5717134	96.30%	5.877%
10	13.588	13.554	13.651	BB	449913	5694890	95.92%	5.854%
11	14.688	14.581	14.754	BB	438527	5634098	94.90%	5.791%
12	15.706	15.634	15.771	BB	405966	5573564	93.88%	5.729%
13	16.655	16.601	16.699	BBA	394958	5498996	92.62%	5.652%
14	17.540	17.468	17.608	BB	396905	5616705	94.60%	5.773%
15	18.373	18.321	18.441	BB	391763	5601151	94.34%	5.757%
16	19.154	19.101	19.221	BB	387593	5529782	93.14%	5.684%
17	19.893	19.851	19.938	BB	355428	5277843	88.90%	5.425%
18	20.605	20.551	20.674	BB	312823	5130927	86.42%	5.274%
19	21.452	21.391	21.558	BB	216625	4842454	81.56%	4.978%
Sum of corrected areas:						97285836		

Aliphatic EPH 030625.M Tue Mar 11 13:52:17 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
 Data File : FD049182.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 09:52
 Operator : YP/AJ
 Sample : PB167056BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB167056BSD

Integration File: autoint1.e
 Quant Time: Mar 11 14:05:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 10:50:40 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...	7.350	8458301	55.626 ug/ml
Spiked Amount 50.000		Recovery =	111.25%
6) S 2-Fluorobiphenyl (SURR)	8.200	5343847	67.093 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	134.19%#
11) S ortho-Terphenyl (SURR)	11.233	8139549	46.563 ug/ml
Spiked Amount 50.000		Recovery =	93.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	5763757	34.875 ug/ml
2) T Naphthalene (C11.7)	5.690	6389317	38.906 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	6120404	37.334 ug/ml
5) T Acenaphthylene (C15.06)	8.001	7105659	40.911 ug/ml
7) T Acenaphthene (C15.5)	8.296	7589266	40.544 ug/ml
8) T Fluorene (C16.55)	9.075	7717326	47.675 ug/ml
9) T Phenanthrene (C19.36)	10.462	7931639	50.426 ug/ml
10) T Anthracene (C19.43)	10.538	8117178	53.126 ug/ml
12) T Fluoranthene (C21.85)	12.268	8353351	51.759 ug/ml
13) T Pyrene (C20.8)	12.560	8283977	51.309 ug/ml
14) T Benzo[a]anthracene (C...	14.432	7620021	65.068 ug/ml
15) T Chrysene (C27.41)	14.473	7484643	47.916 ug/ml
16) T benzo[b]fluoranthene ...	15.982	7696177	58.785 ug/ml
17) T Bnezo[k]fluoranthene ...	16.015	8037450	49.668 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.356	7362720	53.457 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.724	6482720	66.568 ug/ml
20) T Dibenz[a,h]anthracene...	17.759	7578260	65.102 ug/ml
21) T Benzo[g,h,i]perylene ...	17.975	7408141	59.878 ug/ml

(f)=RT Delta > 1/2 Window

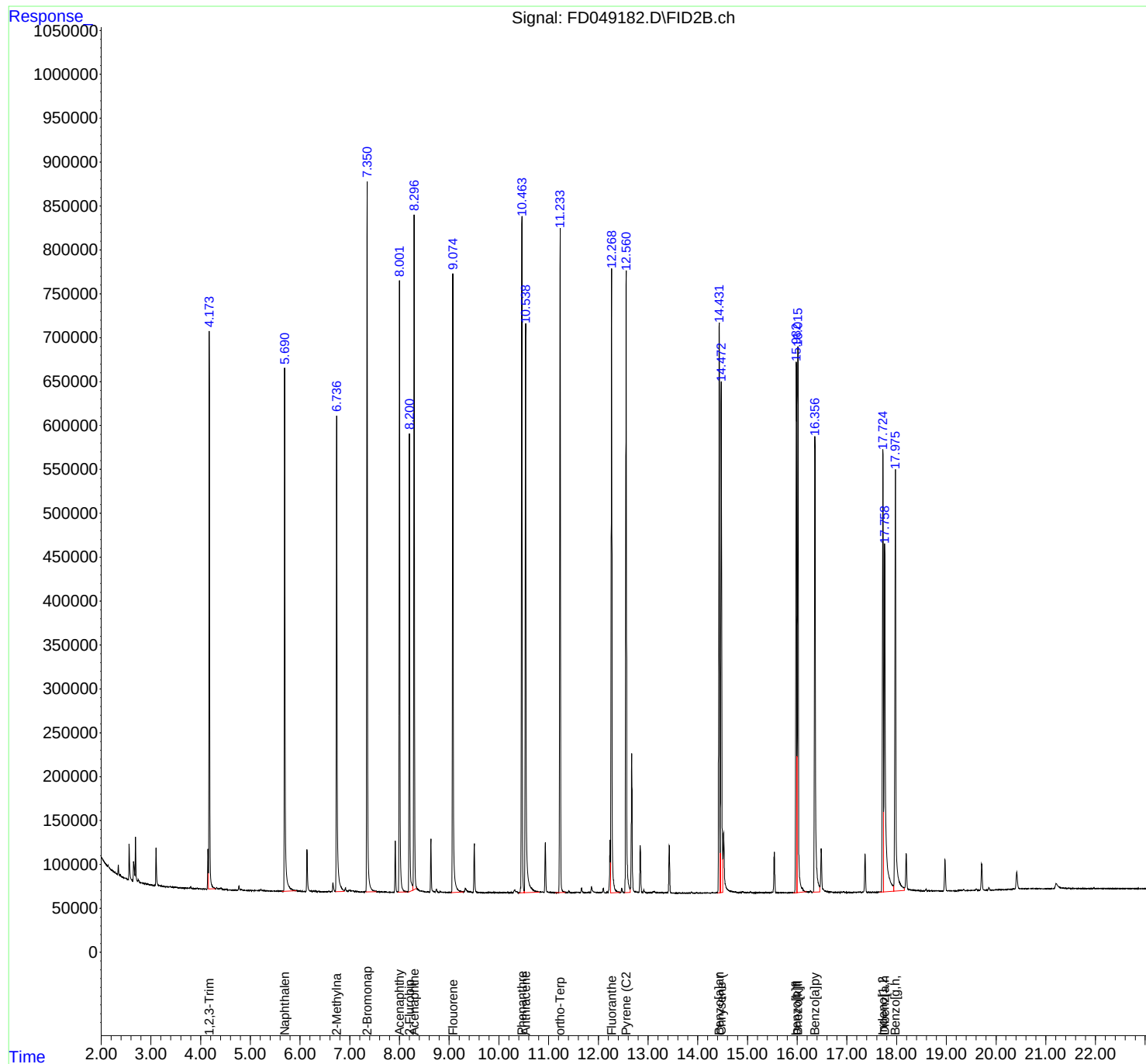
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
Data File : FD049182.D
Signal(s) : FID2B.ch
Acq On : 11 Mar 2025 09:52
Operator : YP/AJ
Sample : PB167056BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB167056BSD

Integration File: autoint1.e
Quant Time: Mar 11 14:05:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
Quant Title : GC Extractables
QLast Update : Mon Mar 10 10:50:40 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\FD031125AR\
 Data File : FD049182.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 09:52
 Sample : PB167056BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.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	4.174	4.158	4.299	VV	634749	5763757	68.14%	3.719%
2	5.690	5.634	5.925	BV	595665	6389317	75.54%	4.123%
3	6.736	6.710	6.889	VV	541599	6120404	72.36%	3.949%
4	7.350	7.327	7.540	VB	810468	8458301	100.00%	5.458%
5	8.001	7.965	8.137	PB	694042	7105659	84.01%	4.585%
6	8.200	8.179	8.269	BV	522095	5343847	63.18%	3.448%
7	8.296	8.269	8.350	VBA	769487	7589266	89.73%	4.897%
8	9.075	9.030	9.289	BB	704028	7717326	91.24%	4.979%
9	10.462	10.397	10.512	BV	766775	7931639	93.77%	5.118%
10	10.538	10.512	10.817	VB	647252	8117178	95.97%	5.237%
11	11.233	11.127	11.332	BB	755682	8139549	96.23%	5.252%
12	12.268	12.245	12.442	VB	713232	8353351	98.76%	5.390%
13	12.560	12.527	12.639	PV	708199	8283977	97.94%	5.345%
14	14.432	14.400	14.450	BV	648844	7620021	90.09%	4.917%
15	14.473	14.450	14.504	VV	580058	7484643	88.49%	4.829%
16	15.982	15.917	15.996	BV	603344	7696177	90.99%	4.966%
17	16.015	15.996	16.187	VB	621812	8037450	95.02%	5.186%
18	16.356	16.310	16.455	BV	519921	7362720	87.05%	4.751%
19	17.724	17.659	17.739	BV	504570	6482720	76.64%	4.183%
20	17.759	17.739	17.940	VV	396062	7578260	89.60%	4.890%
21	17.975	17.940	18.155	VV	479740	7408141	87.58%	4.780%
Sum of corrected areas:						154983705		

Aromatic EPH 030725.M Sat Mar 15 04:25:07 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

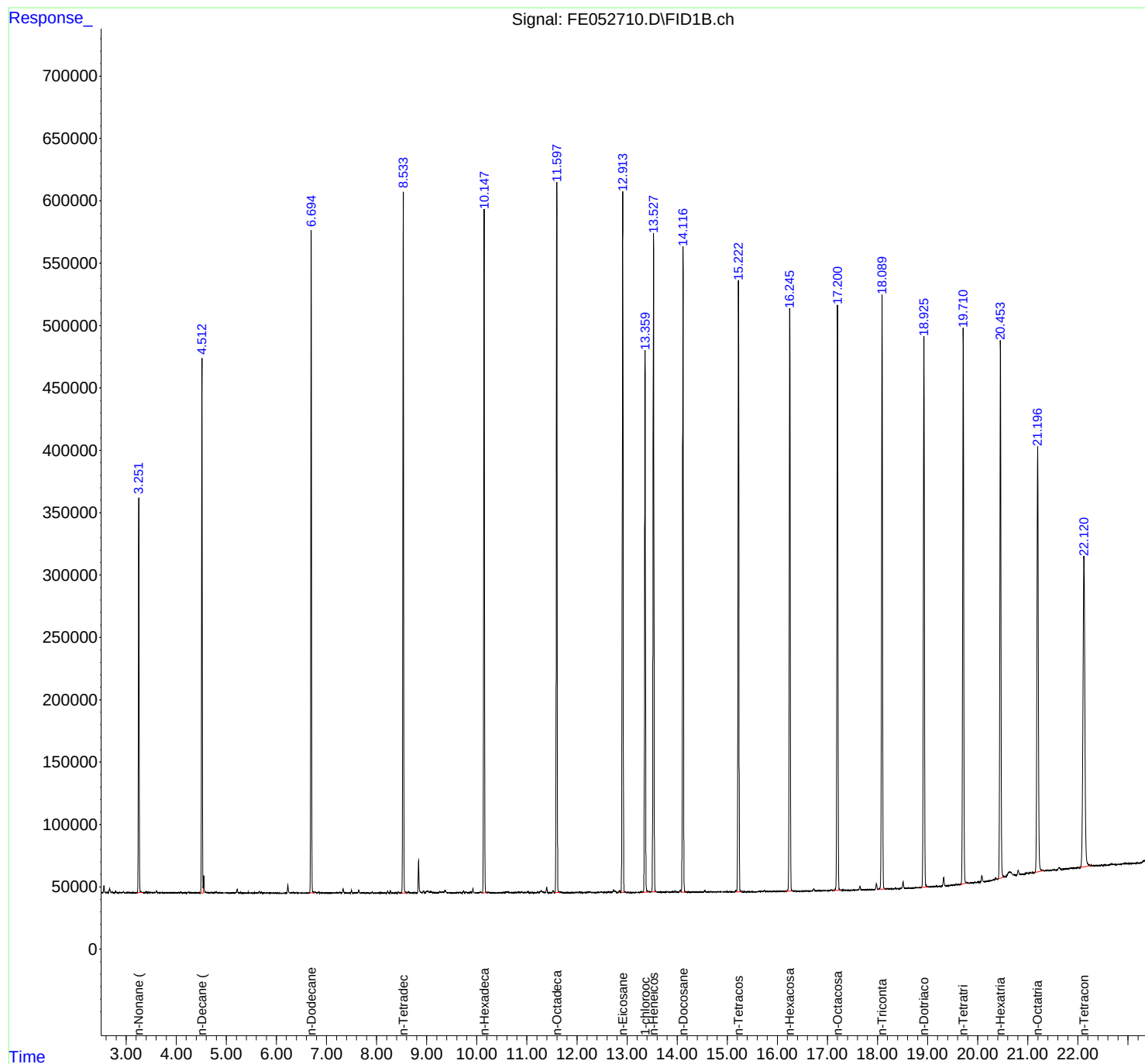
(m)=manual int.

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

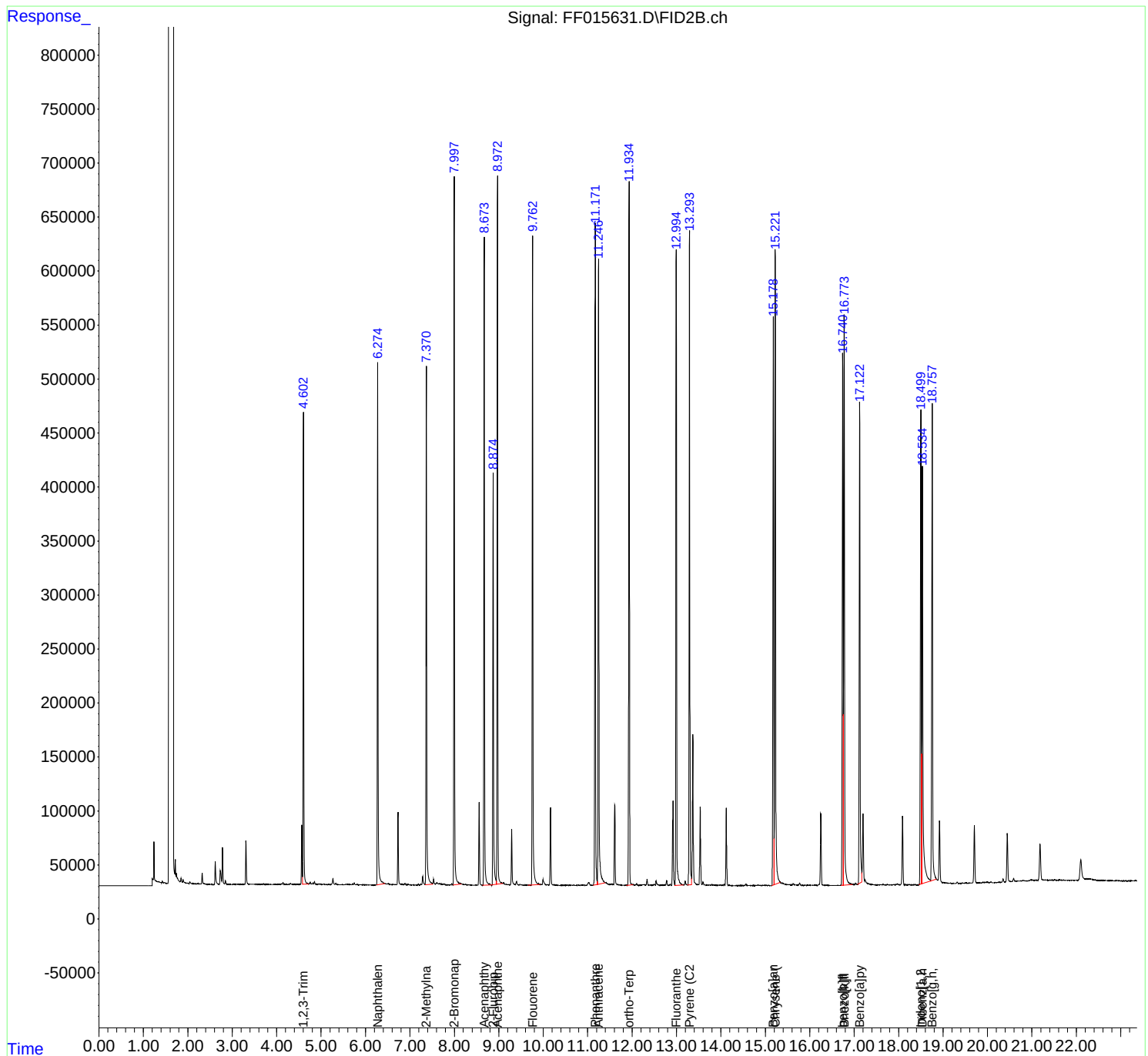
(m)=manual int.

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

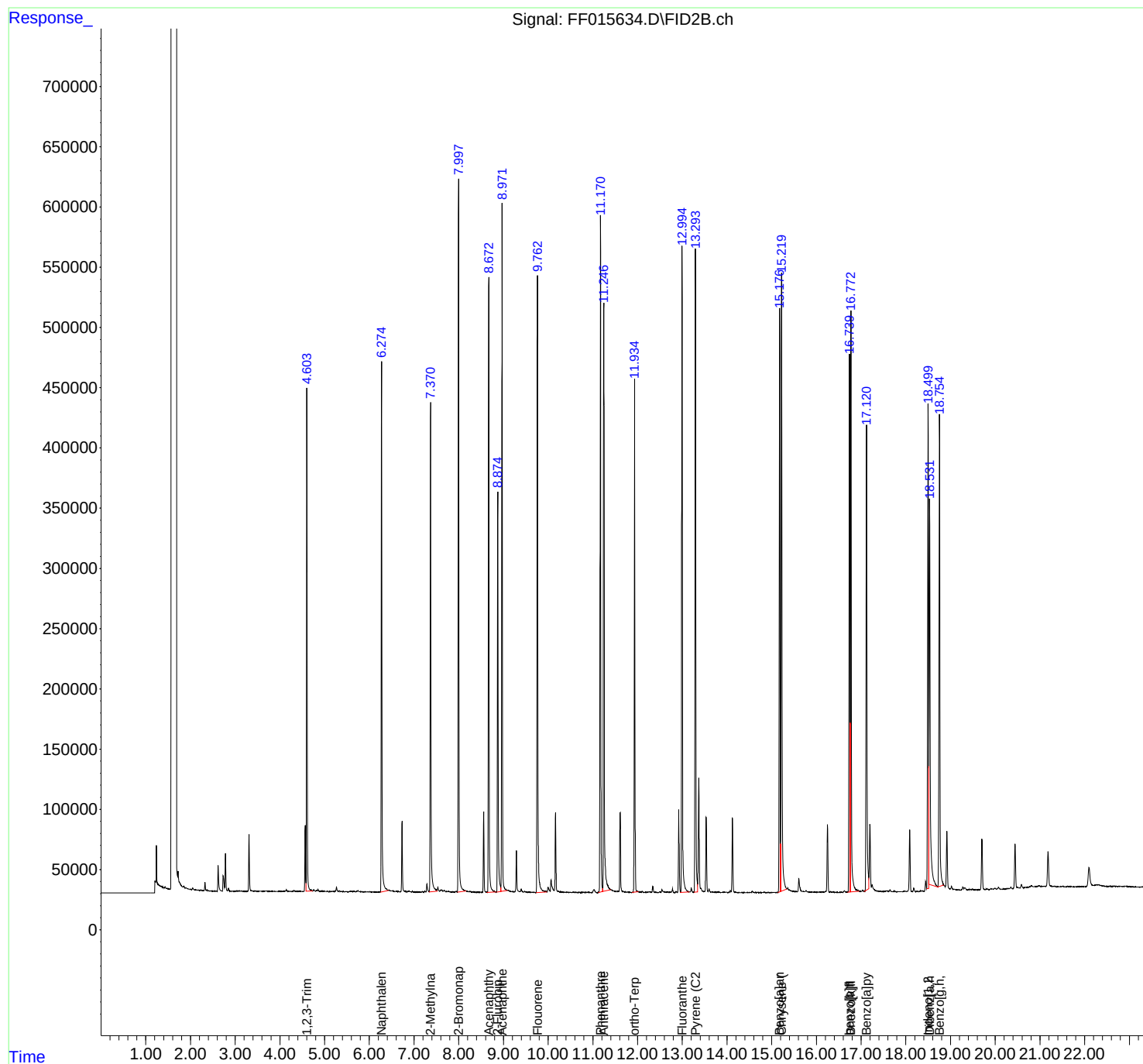
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm



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

rteres

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

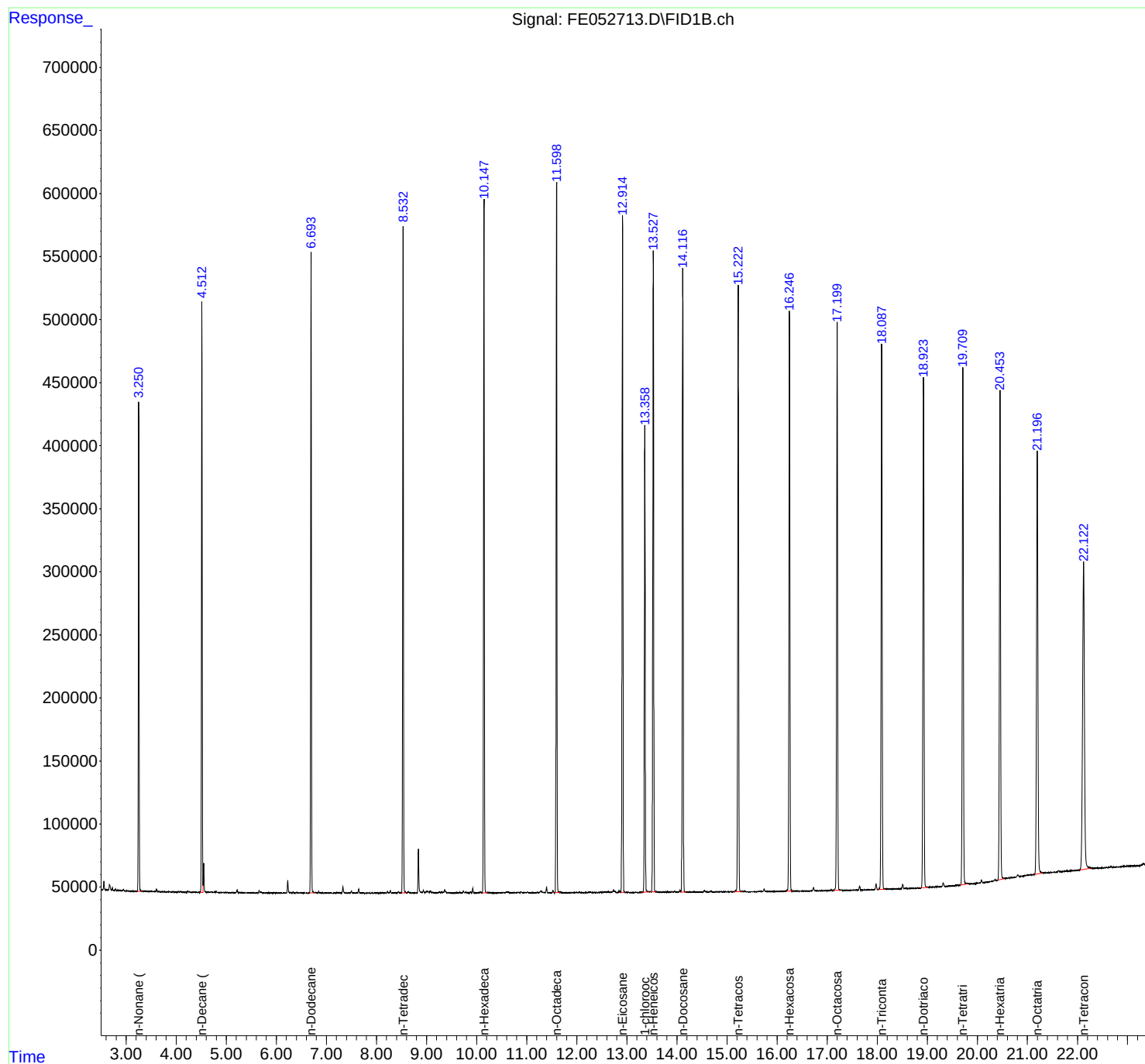
(m)=manual int.

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

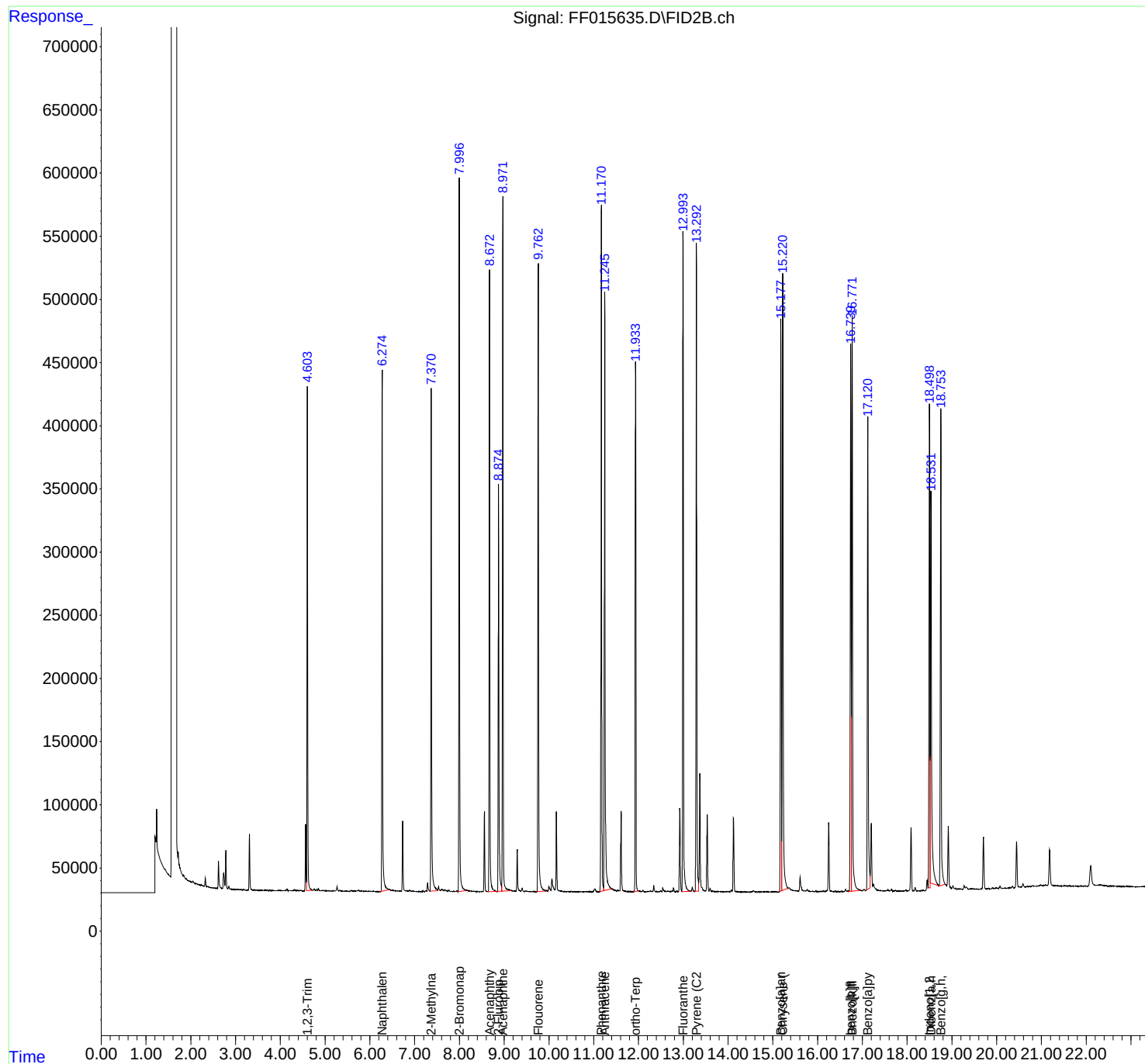
Response via : Initial Calibration

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%

	Area	Height	Width	Retention	Concentration	Area%	Height%
37	17.197	17.172	17.230	VV	50697	755287	11.19%
38	18.086	18.012	18.144	BB	50337	704846	10.613%
39	18.498	18.450	18.514	BV	380560	4886053	72.19%
40	18.531	18.514	18.715	VV	310140	5179421	76.20%
41	18.753	18.715	18.850	PBA	374708	5263590	77.90%
Sum of corrected areas:					1232		

Instrument :

FID_F

ClientSampleId :

ENV-101-SB01MSD

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

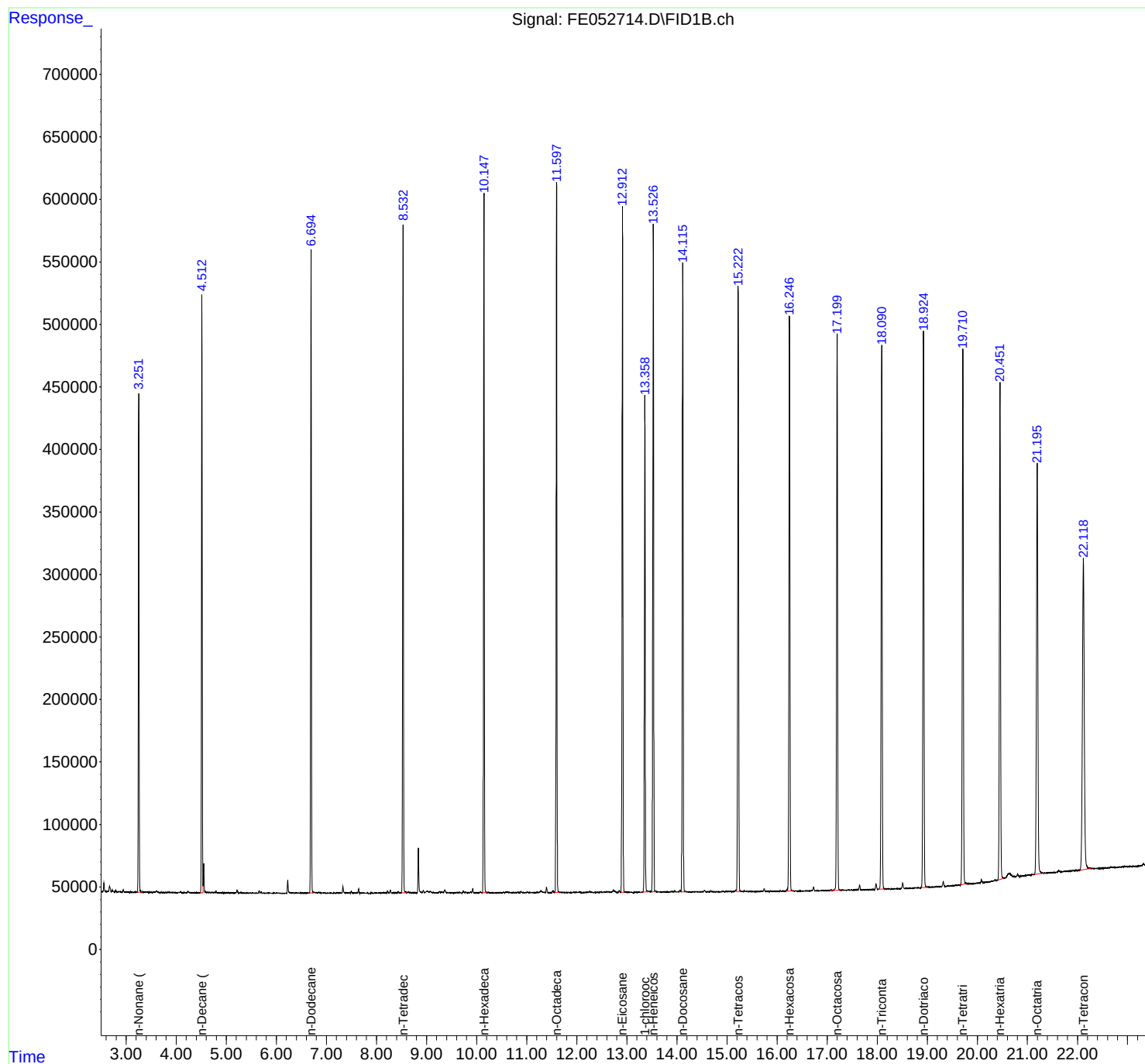
(m)=manual int.

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:

FC030625AL

Instrument

FID_c

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:

FC031125AL

Instrument

FID_c

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	FD030725AR	Instrument	FID_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
100 PPM AROMATIC HC	FD049169.D	Bnezo[k]fluoranthene (C30.14)	yogesh	3/10/2025 1:19:04 PM	Ankita	3/10/2025 2:00:04	Peak Integrated by Software
10 PPM AROMATIC HC	FD049172.D	Chrysene (C27.41)	yogesh	3/10/2025 1:18:54 PM	Ankita	3/10/2025 2:00:05	Peak Integrated by Software
10 PPM AROMATIC HC	FD049172.D	Dibenz[a,h]anthracene (C30.36)	yogesh	3/10/2025 1:18:54 PM	Ankita	3/10/2025 2:00:05	Peak Integrated by Software
10 PPM AROMATIC HC	FD049172.D	Indeno[1,2,3-cd]pyrene (C35.01)	yogesh	3/10/2025 1:18:54 PM	Ankita	3/10/2025 2:00:05	Peak Integrated by Software
5 PPM AROMATIC HC	FD049173.D	Benzo[a]anthracene (C26.37)	yogesh	3/10/2025 1:18:55 PM	Ankita	3/10/2025 2:00:08	Peak Integrated by Software
5 PPM AROMATIC HC	FD049173.D	benzo[b]fluoranthene (C30.41)	yogesh	3/10/2025 1:18:55 PM	Ankita	3/10/2025 2:00:08	Peak Integrated by Software
5 PPM AROMATIC HC	FD049173.D	Bnezo[k]fluoranthene (C30.14)	yogesh	3/10/2025 1:18:55 PM	Ankita	3/10/2025 2:00:08	Peak Integrated by Software
5 PPM AROMATIC HC	FD049173.D	Chrysene (C27.41)	yogesh	3/10/2025 1:18:55 PM	Ankita	3/10/2025 2:00:08	Peak Integrated by Software
5 PPM AROMATIC HC	FD049173.D	Dibenz[a,h]anthracene (C30.36)	yogesh	3/10/2025 1:18:55 PM	Ankita	3/10/2025 2:00:08	Peak Integrated by Software
5 PPM AROMATIC HC	FD049173.D	Indeno[1,2,3-cd]pyrene (C35.01)	yogesh	3/10/2025 1:18:55 PM	Ankita	3/10/2025 2:00:08	Peak Integrated by Software



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:

FD031125AR

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

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

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:	FE031125AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1534-17	FE052742.D	1-chlorooctadecane (SURRE)	yogesh	3/12/2025 7:56:19 AM	Ankita	3/12/2025 10:43:42	Peak Integrated by Software
Q1534-17	FE052742.D	ortho-Terphenyl (SURRE)	yogesh	3/12/2025 7:56:19 AM	Ankita	3/12/2025 10:43:42	Peak Integrated by Software
Q1535-01	FE052746.D	1-chlorooctadecane (SURRE)	yogesh	3/12/2025 7:56:21 AM	Ankita	3/12/2025 10:43:52	Peak Integrated by Software
Q1535-01MS	FE052748.D	1-chlorooctadecane (SURRE)	yogesh	3/12/2025 7:56:22 AM	Ankita	3/12/2025 10:43:54	Peak Integrated by Software
Q1535-01MS	FE052748.D	n-Dotriacontane (C32)	yogesh	3/12/2025 7:56:22 AM	Ankita	3/12/2025 10:43:54	Peak Integrated by Software
Q1535-01MS	FE052748.D	n-Octatriacontane (C38)	yogesh	3/12/2025 7:56:22 AM	Ankita	3/12/2025 10:43:54	Peak Integrated by Software
Q1535-01MSD	FE052749.D	1-chlorooctadecane (SURRE)	yogesh	3/12/2025 7:56:24 AM	Ankita	3/12/2025 10:43:55	Peak Integrated by Software
Q1535-01MSD	FE052749.D	n-Dotriacontane (C32)	yogesh	3/12/2025 7:56:24 AM	Ankita	3/12/2025 10:43:55	Peak Integrated by Software
Q1535-01MSD	FE052749.D	n-Octatriacontane (C38)	yogesh	3/12/2025 7:56:24 AM	Ankita	3/12/2025 10:43:55	Peak Integrated by Software
Q1535-02	FE052750.D	1-chlorooctadecane (SURRE)	yogesh	3/12/2025 7:56:25 AM	Ankita	3/12/2025 10:43:57	Peak Integrated by Software

Manual Integration Report

Sequence:

FF022625AR

Instrument

FID_f

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

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

Manual Integration Report

Sequence:

FF031125AR

Instrument

FID_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1514-01DL	FF015649.D	2-Fluorobiphenyl (SURR)	yogesh	3/12/2025 7:56:07 AM	Ankita	3/12/2025 10:43:20	Peak Integrated by Software

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC030625AL

Review By	yogesh	Review On	3/6/2025 12:56:28 PM
Supervise By	mohammad	Supervise On	3/7/2025 1:37:46 AM
SubDirectory	FC030625AL	HP Acquire Method	HP Processing Method FC030625AL
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	FC068377.D	06 Mar 2025 08:22	YP/AJ	Ok
2	I.BLK	FC068378.D	06 Mar 2025 08:59	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC068379.D	06 Mar 2025 09:36	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC068380.D	06 Mar 2025 10:13	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC068381.D	06 Mar 2025 10:50	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC068382.D	06 Mar 2025 11:28	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC068383.D	06 Mar 2025 12:05	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC068384.D	06 Mar 2025 12:44	YP/AJ	Ok
9	I.BLK	FC068385.D	06 Mar 2025 13:22	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC068386.D	06 Mar 2025 13:59	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC031125AL

Review By	yogesh	Review On	3/11/2025 12:53:14 PM
Supervise By	Ankita	Supervise On	3/12/2025 10:44:24 AM
SubDirectory	FC031125AL	HP Acquire Method	HP Processing Method FC030625AL
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	FC068387.D	11 Mar 2025 06:48	YP/AJ	Ok
2	I.BLK	FC068388.D	11 Mar 2025 07:24	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC068389.D	11 Mar 2025 08:00	YP/AJ	Ok
4	PB167056BL	FC068390.D	11 Mar 2025 08:37	YP/AJ	Ok
5	PB167056BS	FC068391.D	11 Mar 2025 09:14	YP/AJ	Ok
6	PB167056BSD	FC068392.D	11 Mar 2025 09:52	YP/AJ	Ok
7	Q1494-01	FC068393.D	11 Mar 2025 10:34	YP/AJ	Ok
8	Q1514-07	FC068394.D	11 Mar 2025 11:11	YP/AJ	Ok
9	Q1514-08	FC068395.D	11 Mar 2025 11:48	YP/AJ	Ok
10	Q1514-09	FC068396.D	11 Mar 2025 12:25	YP/AJ	Ok
11	I.BLK	FC068397.D	11 Mar 2025 13:02	YP/AJ	Ok
12	20 PPM ALIPHATIC HC STD	FC068398.D	11 Mar 2025 13:39	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD030725AR

Review By	yogesh	Review On	3/10/2025 8:03:45 AM
Supervise By	Ankita	Supervise On	3/10/2025 2:00:29 PM
SubDirectory	FD030725AR	HP Acquire Method	HP Processing Method FD030725AR
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	Data File Name	Date-Time	Operator	Status
1	MECL2	FD049167.D	06 Mar 2025 08:22	YP/AJ	Ok
2	I.BLK	FD049168.D	06 Mar 2025 08:59	YP/AJ	Ok
3	100 PPM AROMATIC HC STD1	FD049169.D	06 Mar 2025 09:36	YP/AJ	Ok,M
4	50 PPM AROMATIC HC STD2	FD049170.D	06 Mar 2025 10:13	YP/AJ	Ok
5	20 PPM AROMATIC HC STD3	FD049171.D	06 Mar 2025 10:50	YP/AJ	Ok
6	10 PPM AROMATIC HC STD4	FD049172.D	06 Mar 2025 11:28	YP/AJ	Ok,M
7	5 PPM AROMATIC HC STD5	FD049173.D	06 Mar 2025 13:59	YP/AJ	Ok,M
8	20 PPM AROMATIC HC ICV	FD049174.D	06 Mar 2025 14:36	YP/AJ	Ok
9	I.BLK	FD049175.D	06 Mar 2025 15:13	YP/AJ	Ok
10	20 PPM AROMATIC HC STD	FD049176.D	06 Mar 2025 15:50	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD031125AR

Review By	yogesh	Review On	3/11/2025 1:23:18 PM
Supervise By	Ankita	Supervise On	3/12/2025 10:44:46 AM
SubDirectory	FD031125AR	HP Acquire Method	HP Processing Method FD030725AR
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	FD049177.D	11 Mar 2025 06:48	YP/AJ	Ok
2	I.BLK	FD049178.D	11 Mar 2025 07:24	YP/AJ	Ok
3	20 PPM AROMATIC HC STD	FD049179.D	11 Mar 2025 08:00	YP/AJ	Ok
4	PB167056BL	FD049180.D	11 Mar 2025 08:37	YP/AJ	Ok
5	PB167056BS	FD049181.D	11 Mar 2025 09:14	YP/AJ	Ok
6	PB167056BSD	FD049182.D	11 Mar 2025 09:52	YP/AJ	Ok
7	Q1494-01	FD049183.D	11 Mar 2025 10:34	YP/AJ	Ok
8	Q1514-07	FD049184.D	11 Mar 2025 11:11	YP/AJ	Ok
9	Q1514-08	FD049185.D	11 Mar 2025 11:48	YP/AJ	Ok
10	Q1514-09	FD049186.D	11 Mar 2025 12:25	YP/AJ	Ok
11	I.BLK	FD049187.D	11 Mar 2025 13:02	YP/AJ	Ok
12	20 PPM AROMATIC HC STD	FD049188.D	11 Mar 2025 13:39	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_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE031125AL

Review By	yogesh	Review On	3/11/2025 12:49:09 PM
Supervise By	Ankita	Supervise On	3/12/2025 10:44:11 AM
SubDirectory	FE031125AL	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	FE052725.D	11 Mar 2025 08:46	YP\AJ	Ok
2	I.BLK	FE052726.D	11 Mar 2025 09:16	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE052727.D	11 Mar 2025 09:46	YP\AJ	Ok
4	Q1514-01DL	FE052728.D	11 Mar 2025 10:20	YP\AJ	Ok
5	I.BLK	FE052729.D	11 Mar 2025 11:20	YP\AJ	Ok
6	20 PPM ALIPHATIC HC STD	FE052730.D	11 Mar 2025 11:50	YP\AJ	Ok
7	PB167079BL	FE052731.D	11 Mar 2025 13:37	YP\AJ	Ok
8	PB167079BS	FE052732.D	11 Mar 2025 14:07	YP\AJ	Ok
9	PB167079BSD	FE052733.D	11 Mar 2025 14:38	YP\AJ	Ok
10	Q1534-03	FE052734.D	11 Mar 2025 15:08	YP\AJ	Ok
11	Q1534-04	FE052735.D	11 Mar 2025 15:39	YP\AJ	Ok
12	Q1534-05	FE052736.D	11 Mar 2025 16:09	YP\AJ	Ok
13	Q1534-09	FE052737.D	11 Mar 2025 16:39	YP\AJ	Ok
14	Q1534-10	FE052738.D	11 Mar 2025 17:40	YP\AJ	Ok
15	Q1534-11	FE052739.D	11 Mar 2025 18:10	YP\AJ	Ok
16	Q1534-15	FE052740.D	11 Mar 2025 18:41	YP\AJ	Ok
17	Q1534-16	FE052741.D	11 Mar 2025 19:11	YP\AJ	Ok
18	Q1534-17	FE052742.D	11 Mar 2025 19:41	YP\AJ	Ok,M
19	Q1534-21	FE052743.D	11 Mar 2025 20:11	YP\AJ	Ok
20	Q1534-22	FE052744.D	11 Mar 2025 20:41	YP\AJ	Ok
21	Q1534-23	FE052745.D	11 Mar 2025 21:11	YP\AJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE031125AL

Review By	yogesh	Review On	3/11/2025 12:49:09 PM
Supervise By	Ankita	Supervise On	3/12/2025 10:44:11 AM
SubDirectory	FE031125AL	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		

22	Q1535-01	FE052746.D	11 Mar 2025 21:42	YP\AJ	Dilution
23	Q1535-01D	FE052747.D	11 Mar 2025 22:12	YP\AJ	Ok
24	Q1535-01MS	FE052748.D	11 Mar 2025 22:42	YP\AJ	Ok,M
25	Q1535-01MSD	FE052749.D	11 Mar 2025 23:12	YP\AJ	Ok,M
26	Q1535-02	FE052750.D	11 Mar 2025 23:42	YP\AJ	Ok,M
27	I.BLK	FE052751.D	12 Mar 2025 00:43	YP\AJ	Ok
28	20 PPM ALIPHATIC HC STD	FE052752.D	12 Mar 2025 02:38	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_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF031125AR

Review By	yogesh	Review On	3/11/2025 12:48:02 PM
Supervise By	Ankita	Supervise On	3/12/2025 10:43:24 AM
SubDirectory	FF031125AR	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	FF015646.D	11 Mar 2025 08:37	YP\AJ	Ok
2	I.BLK	FF015647.D	11 Mar 2025 09:06	YP\AJ	Ok
3	20 PPM AROMATIC HC STD	FF015648.D	11 Mar 2025 09:36	YP\AJ	Ok
4	Q1514-01DL	FF015649.D	11 Mar 2025 10:17	YP\AJ	Ok,M
5	I.BLK	FF015650.D	11 Mar 2025 10:46	YP\AJ	Ok
6	20 PPM AROMATIC HC STD	FF015651.D	11 Mar 2025 11:15	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC030625AL

Review By	yogesh	Review On	3/6/2025 12:56:28 PM
Supervise By	mohammad	Supervise On	3/7/2025 1:37:46 AM
SubDirectory	FC030625AL	HP Acquire Method	HP Processing Method FC030625AL
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	FC068377.D	06 Mar 2025 08:22		YP/AJ	Ok
2	I.BLK	I.BLK	FC068378.D	06 Mar 2025 08:59		YP/AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FC068379.D	06 Mar 2025 09:36		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC068380.D	06 Mar 2025 10:13		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068381.D	06 Mar 2025 10:50		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC068382.D	06 Mar 2025 11:28		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC068383.D	06 Mar 2025 12:05		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068384.D	06 Mar 2025 12:44		YP/AJ	Ok
9	I.BLK	I.BLK	FC068385.D	06 Mar 2025 13:22		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068386.D	06 Mar 2025 13:59		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC031125AL

Review By	yogesh	Review On	3/11/2025 12:53:14 PM
Supervise By	Ankita	Supervise On	3/12/2025 10:44:24 AM
SubDirectory	FC031125AL	HP Acquire Method	HP Processing Method FC030625AL
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	FC068387.D	11 Mar 2025 06:48		YP/AJ	Ok
2	I.BLK	I.BLK	FC068388.D	11 Mar 2025 07:24		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068389.D	11 Mar 2025 08:00		YP/AJ	Ok
4	PB167056BL	PB167056BL	FC068390.D	11 Mar 2025 08:37		YP/AJ	Ok
5	PB167056BS	PB167056BS	FC068391.D	11 Mar 2025 09:14	naphthalene break down - 0.268, 2 methylnephthalene break down - 0.241	YP/AJ	Ok
6	PB167056BSD	PB167056BSD	FC068392.D	11 Mar 2025 09:52	naphthalene break down - 0.310, 2 methylnephthalene break down - 0.320	YP/AJ	Ok
7	Q1494-01	PURGE-WATER	FC068393.D	11 Mar 2025 10:34		YP/AJ	Ok
8	Q1514-07	ENV-105-GW01	FC068394.D	11 Mar 2025 11:11		YP/AJ	Ok
9	Q1514-08	ENV-103-GW01	FC068395.D	11 Mar 2025 11:48		YP/AJ	Ok
10	Q1514-09	FB03062025	FC068396.D	11 Mar 2025 12:25		YP/AJ	Ok
11	I.BLK	I.BLK	FC068397.D	11 Mar 2025 13:02		YP/AJ	Ok
12	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068398.D	11 Mar 2025 13:39		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD030725AR

Review By	yogesh	Review On	3/10/2025 8:03:45 AM
Supervise By	Ankita	Supervise On	3/10/2025 2:00:29 PM
SubDirectory	FD030725AR	HP Acquire Method	HP Processing Method FD030725AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23968,PP23970,PP23971,PP23972,PP23973		
CCC	PP23971		
Internal Standard/PEM	PP23969,PP24199		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FD049167.D	06 Mar 2025 08:22		YP/AJ	Ok
2	I.BLK	I.BLK	FD049168.D	06 Mar 2025 08:59		YP/AJ	Ok
3	100 PPM AROMATIC HC	100 PPM AROMATIC HC	FD049169.D	06 Mar 2025 09:36		YP/AJ	Ok,M
4	50 PPM AROMATIC HC	50 PPM AROMATIC HC	FD049170.D	06 Mar 2025 10:13		YP/AJ	Ok
5	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049171.D	06 Mar 2025 10:50		YP/AJ	Ok
6	10 PPM AROMATIC HC	10 PPM AROMATIC HC	FD049172.D	06 Mar 2025 11:28		YP/AJ	Ok,M
7	5 PPM AROMATIC HC	5 PPM AROMATIC HC	FD049173.D	06 Mar 2025 13:59		YP/AJ	Ok,M
8	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049174.D	06 Mar 2025 14:36		YP/AJ	Ok
9	I.BLK	I.BLK	FD049175.D	06 Mar 2025 15:13		YP/AJ	Ok
10	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049176.D	06 Mar 2025 15:50		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD031125AR

Review By	yogesh	Review On	3/11/2025 1:23:18 PM	
Supervise By	Ankita	Supervise On	3/12/2025 10:44:46 AM	
SubDirectory	FD031125AR	HP Acquire Method	HP Processing Method	FD030725AR
STD. NAME		STD REF.#		
Tune/Reschk Initial Calibration Stds		PP23968,PP23970,PP23971,PP23972,PP23973		
CCC Internal Standard/PEM		PP23971		
ICV/I.BLK Surrogate Standard		PP23969,PP24199		
MS/MSD Standard LCS Standard				

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FD049177.D	11 Mar 2025 06:48		YP/AJ	Ok
2	I.BLK	I.BLK	FD049178.D	11 Mar 2025 07:24		YP/AJ	Ok
3	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049179.D	11 Mar 2025 08:00		YP/AJ	Ok
4	PB167056BL	PB167056BL	FD049180.D	11 Mar 2025 08:37		YP/AJ	Ok
5	PB167056BS	PB167056BS	FD049181.D	11 Mar 2025 09:14	naphthalene break down - 0.268, 2 methylnephthalene break down - 0.241	YP/AJ	Ok
6	PB167056BSD	PB167056BSD	FD049182.D	11 Mar 2025 09:52	naphthalene break down - 0.310, 2 methylnephthalene break down - 0.320	YP/AJ	Ok
7	Q1494-01	PURGE-WATER	FD049183.D	11 Mar 2025 10:34		YP/AJ	Ok
8	Q1514-07	ENV-105-GW01	FD049184.D	11 Mar 2025 11:11		YP/AJ	Ok
9	Q1514-08	ENV-103-GW01	FD049185.D	11 Mar 2025 11:48		YP/AJ	Ok
10	Q1514-09	FB03062025	FD049186.D	11 Mar 2025 12:25		YP/AJ	Ok
11	I.BLK	I.BLK	FD049187.D	11 Mar 2025 13:02		YP/AJ	Ok
12	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049188.D	11 Mar 2025 13:39		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					
ICV/I.BLK		PP24174,PP24179			
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-COMP	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 Internal Standard/PEM		PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard		PP24174,PP24179		

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_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE031125AL

Review By	yogesh	Review On	3/11/2025 12:49:09 PM
Supervise By	Ankita	Supervise On	3/12/2025 10:44:11 AM
SubDirectory	FE031125AL	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	FE052725.D	11 Mar 2025 08:46		YP\AJ	Ok
2	I.BLK	I.BLK	FE052726.D	11 Mar 2025 09:16		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE052727.D	11 Mar 2025 09:46		YP\AJ	Ok
4	Q1514-01DL	ENV-105-SB01DL	FE052728.D	11 Mar 2025 10:20		YP\AJ	Ok
5	I.BLK	I.BLK	FE052729.D	11 Mar 2025 11:20		YP\AJ	Ok
6	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE052730.D	11 Mar 2025 11:50		YP\AJ	Ok
7	PB167079BL	PB167079BL	FE052731.D	11 Mar 2025 13:37		YP\AJ	Ok
8	PB167079BS	PB167079BS	FE052732.D	11 Mar 2025 14:07		YP\AJ	Ok
9	PB167079BSD	PB167079BSD	FE052733.D	11 Mar 2025 14:38		YP\AJ	Ok
10	Q1534-03	OR-363-46	FE052734.D	11 Mar 2025 15:08		YP\AJ	Ok
11	Q1534-04	OR-363-47	FE052735.D	11 Mar 2025 15:39		YP\AJ	Ok
12	Q1534-05	OR-363-48	FE052736.D	11 Mar 2025 16:09		YP\AJ	Ok
13	Q1534-09	OR-363-49	FE052737.D	11 Mar 2025 16:39		YP\AJ	Ok
14	Q1534-10	OR-363-50	FE052738.D	11 Mar 2025 17:40		YP\AJ	Ok
15	Q1534-11	OR-363-51	FE052739.D	11 Mar 2025 18:10		YP\AJ	Ok
16	Q1534-15	OR-363-52	FE052740.D	11 Mar 2025 18:41		YP\AJ	Ok
17	Q1534-16	OR-363-53	FE052741.D	11 Mar 2025 19:11		YP\AJ	Ok
18	Q1534-17	OR-363-54	FE052742.D	11 Mar 2025 19:41		YP\AJ	Ok,M

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE031125AL

Review By	yogesh	Review On	3/11/2025 12:49:09 PM
Supervise By	Ankita	Supervise On	3/12/2025 10:44:11 AM
SubDirectory	FE031125AL	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			

19	Q1534-21	OR-363-55	FE052743.D	11 Mar 2025 20:11		YPIAJ	Ok
20	Q1534-22	OR-363-56	FE052744.D	11 Mar 2025 20:41		YPIAJ	Ok
21	Q1534-23	OR-363-57	FE052745.D	11 Mar 2025 21:11		YPIAJ	Ok
22	Q1535-01	SU-03-03102025	FE052746.D	11 Mar 2025 21:42	need 2x dilution	YPIAJ	Dilution
23	Q1535-01D	Q1535-01D	FE052747.D	11 Mar 2025 22:12		YPIAJ	Ok
24	Q1535-01MS	SU-03-03102025MS	FE052748.D	11 Mar 2025 22:42	FE052746.D	YPIAJ	Ok,M
25	Q1535-01MSD	SU-03-03102025MSD	FE052749.D	11 Mar 2025 23:12	FE052746.D!FE052748.D	YPIAJ	Ok,M
26	Q1535-02	SU-03-03102025-E2	FE052750.D	11 Mar 2025 23:42		YPIAJ	Ok,M
27	I.BLK	I.BLK	FE052751.D	12 Mar 2025 00:43		YPIAJ	Ok
28	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE052752.D	12 Mar 2025 02:38		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

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF031125AR

Review By	yogesh	Review On	3/11/2025 12:48:02 PM
Supervise By	Ankita	Supervise On	3/12/2025 10:43:24 AM
SubDirectory	FF031125AR	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	FF015646.D	11 Mar 2025 08:37		YP\AJ	Ok
2	I.BLK	I.BLK	FF015647.D	11 Mar 2025 09:06		YP\AJ	Ok
3	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF015648.D	11 Mar 2025 09:36		YP\AJ	Ok
4	Q1514-01DL	ENV-105-SB01DL	FF015649.D	11 Mar 2025 10:17		YP\AJ	Ok,M
5	I.BLK	I.BLK	FF015650.D	11 Mar 2025 10:46		YP\AJ	Ok
6	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF015651.D	11 Mar 2025 11:15		YP\AJ	Ok

M : Manual Integration

SOP ID: MNJDEP-EPH-7

Clean Up SOP #: N/A

Matrix: Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date: 03/10/2025

Extraction Start Time: 08:45

Extraction End Date: 03/10/2025

Extraction End Time: 15:35

Concentration By: EH

Supervisor By: RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

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	PP24216
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	EP2593
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
3/10/25	RS (ECL Lab)	T.P. Post-IP42
15:40	Preparation Group	Analysis Group

Analytical Method: MNJDEP-EPH-7

Concentration Date: 03/10/2025

Sample ID	Client Sample ID	Test	g / <u>ML</u>	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167056BL	PB167056BL	EPH	1000	<2	RUPESH	ritesh	2			SEP-1
PB167056BS	PB167056BS	EPH	1000	<2	RUPESH	ritesh	2			2
PB167056BS D	PB167056BSD	EPH	1000	<2	RUPESH	ritesh	2			3
Q1494-01	PURGE-WATER	EPH	960	<2	RUPESH	ritesh	2	R		4
Q1514-07	ENV-105-GW01	EPH	940	<2	RUPESH	ritesh	2	F		5
Q1514-08	ENV-103-GW01	EPH	960	<2	RUPESH	ritesh	2	F		6
Q1514-09	FB03062025	EPH	800	<2	RUPESH	ritesh	2	F		7

[Large handwritten signature]

RS
3/10

* Extracts relinquished on the same date as received.

167054
8:45

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1514EPH WorkList ID : 188158 Department : Extraction Date : 03-10-2025 08:39:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1494-01	PURGE-WATER	Water	EPH	1:1 HCl to pH < 2	PSEG03	I31	03/05/2025	NJEPH
Q1514-07	ENV-105-GW01	Water	EPH	1:1 HCl to pH < 2	PORT06	I31	03/05/2025	NJEPH
Q1514-08	ENV-103-GW01	Water	EPH	1:1 HCl to pH < 2	PORT06	I31	03/05/2025	NJEPH
Q1514-09	FB03062025	Water	EPH	1:1 HCl to pH < 2	PORT06	I31	03/06/2025	NJEPH

Date/Time 3/10/25 8:40
Raw Sample Received by: RS (EG lab)
Raw Sample Relinquished by: JD (Sm)

Date/Time 3/10/25 9:10
Raw Sample Received by: JD (Sm)
Raw Sample Relinquished by: RS (EG lab)

SOP ID: MNJDEP-EPH-7

Clean Up SOP #: N/A **Extraction Start Date :** 03/10/2025

Matrix : Solid **Extraction Start Time :** 09:20

Wigh By: EH **Extraction By:** RJ **Extraction End Date :** 03/10/2025

Balance check: RJ **Filter By:** RJ **Extraction End Time :** 16:40

Balance ID: EX-SC-2 **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: N/A **Hood ID:** 3,7 **Supervisor By :** RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

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	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

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.

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:	Q1514	OrderDate:	3/6/2025 2:08:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	I31,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1514-01	ENV-105-SB01	SOIL	PCB	8082A	03/05/25	03/07/25	03/07/25	03/06/25
			EPH	NJEPH		03/10/25	03/10/25	
Q1514-01DL	ENV-105-SB01DL	Solid	EPH	NJEPH	03/05/25	03/10/25	03/11/25	03/06/25
Q1514-03	ENV-105-SB02	SOIL	PCB	8082A	03/05/25	03/07/25	03/07/25	03/06/25
			EPH	NJEPH		03/10/25	03/10/25	
			EPH	NJEPH		03/10/25	03/11/25	
Q1514-05	ENV-103-SB01	SOIL	PCB	8082A	03/05/25	03/07/25	03/07/25	03/06/25
			EPH	NJEPH		03/10/25	03/10/25	
			EPH	NJEPH		03/10/25	03/11/25	
Q1514-07	ENV-105-GW01	WATER	PCB	8082A	03/05/25	03/07/25	03/07/25	03/06/25
			EPH	NJEPH		03/10/25	03/11/25	
Q1514-08	ENV-103-GW01	Water	EPH	NJEPH	03/05/25	03/10/25	03/11/25	03/06/25
			PCB	8082A		03/07/25	03/07/25	
Q1514-09	FB03062025	WATER	PCB	8082A	03/06/25	03/07/25	03/07/25	03/06/25
			EPH	NJEPH		03/10/25	03/11/25	