



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-163-SB01	SDG No.:	Q1415
Lab Sample ID:	Q1415-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/27/25 13:10	02/28/25 12:50	PB166923

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.43	U	1	0.43	1.13	mg/kg	FC068325.D
Aliphatic C12-C16	Aliphatic C12-C16	0.83		1	0.27	0.75	mg/kg	FC068325.D
Aliphatic C16-C21	Aliphatic C16-C21	0.48	J	1	0.34	1.13	mg/kg	FC068325.D
Aliphatic C21-C28	Aliphatic C21-C28	0.96	J	1	0.90	1.50	mg/kg	FC068325.D
Aliphatic C28-C40	Aliphatic C28-C40	2.38		1	2.03	2.26	mg/kg	FC068325.D
Aromatic C10-C12	Aromatic C10-C12	0.34	U	1	0.34	0.75	mg/kg	FD049133.D
Aromatic C12-C16	Aromatic C12-C16	0.55	J	1	0.38	1.13	mg/kg	FD049133.D
Aromatic C16-C21	Aromatic C16-C21	2.57		1	1.08	1.88	mg/kg	FD049133.D
Aromatic C21-C36	Aromatic C21-C36	3.40		1	2.26	3.01	mg/kg	FD049133.D
Total AliphaticEPH	Total AliphaticEPH	4.64	J		3.97	6.77	mg/kg	
Total AromaticEPH	Total AromaticEPH	6.51	J		4.06	6.77	mg/kg	
Total EPH	Total EPH	11.2	J		8.03	13.5	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-163-SB01	SDG No.:	Q1415
Lab Sample ID:	Q1415-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068325.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.43	U	0.43	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.83		0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.48	J	0.34	1.13	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.96	J	0.90	1.50	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.38		2.03	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	50.5		40 - 140	101%	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:	Q1415-01	Acq On:	28 Feb 2025 12:50
Client Sample ID:	B-163-SB01	Operator:	YP/AJ
Data file:	FC068325.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.104	6.369	654794	4.643	300	ug/ml
Aliphatic C12-C16	6.370	9.754	1499637	10.974	200	ug/ml
Aliphatic C16-C21	9.755	13.107	831398	6.316	300	ug/ml
Aliphatic C21-C28	13.108	16.761	1571550	12.809	400	ug/ml
Aliphatic C28-C40	16.762	21.565	3260834	31.706	600	ug/ml
Aliphatic EPH	3.104	21.565	7818213	66.448		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.841	12.841	5678401	50.49		ug/ml
Aliphatic C9-C28	3.104	16.761	4557379	34.742	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-163-SB01	SDG No.:	Q1415
Lab Sample ID:	Q1415-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049133.D	1	02/27/25	02/28/25	PB166923

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	0.55	J	0.38	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.57		1.08	1.88	mg/kg
Aromatic C21-C36	Aromatic C21-C36	3.40		2.26	3.01	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	51.3		40 - 140	103%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	46.1		40 - 140	92%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	51.2		40 - 140	102%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1415-01	Acq On:	28 Feb 2025 12:50
Client Sample ID:	B-163-SB01	Operator:	YP/AJ
Data file:	FD049133.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	639802	4.023	200	ug/ml
Aromatic C12-C16	5.795	8.396	1166774	7.25	300	ug/ml
Aromatic C16-C21	8.397	12.661	5246823	34.213	500	ug/ml
Aromatic C21-C36	12.662	18.073	6465271	45.175	800	ug/ml
Aromatic EPH	4.076	18.073	13518670	90.661		ug/ml
ortho-Terphenyl (SURR)	11.236	11.236	8287576	51.23		ug/ml
2-Bromonaphthalene (SURR)	7.351	7.351	7340019	51.29		ug/ml
2-Fluorobiphenyl (SURR)	8.202	8.202	4052606	46.1		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-172-SB01	SDG No.:	Q1415
Lab Sample ID:	Q1415-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
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
02/27/25 13:10	02/28/25 13:26	PB166923

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.44	U	1	0.44	1.15	mg/kg	FC068326.D
Aliphatic C12-C16	Aliphatic C12-C16	0.66	J	1	0.28	0.77	mg/kg	FC068326.D
Aliphatic C16-C21	Aliphatic C16-C21	0.35	U	1	0.35	1.15	mg/kg	FC068326.D
Aliphatic C21-C28	Aliphatic C21-C28	0.92	U	1	0.92	1.54	mg/kg	FC068326.D
Aliphatic C28-C40	Aliphatic C28-C40	2.08	U	1	2.08	2.31	mg/kg	FC068326.D
Aromatic C10-C12	Aromatic C10-C12	0.35	U	1	0.35	0.77	mg/kg	FD049134.D
Aromatic C12-C16	Aromatic C12-C16	0.41	J	1	0.39	1.15	mg/kg	FD049134.D
Aromatic C16-C21	Aromatic C16-C21	1.32	J	1	1.11	1.92	mg/kg	FD049134.D
Aromatic C21-C36	Aromatic C21-C36	2.31	U	1	2.31	3.07	mg/kg	FD049134.D
Total AliphaticEPH	Total AliphaticEPH	4.06	U		4.06	6.92	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.16	U		4.16	6.91	mg/kg	
Total EPH	Total EPH	8.22	U		8.22	13.8	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:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-172-SB01	SDG No.:	Q1415
Lab Sample ID:	Q1415-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
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
FC068326.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.44	U	0.44	1.15	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.66	J	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.35	U	0.35	1.15	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.92	U	0.92	1.54	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.08	U	2.08	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.9		40 - 140	82%	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:	Q1415-02	Acq On:	28 Feb 2025 13:26
Client Sample ID:	B-172-SB01	Operator:	YP/AJ
Data file:	FC068326.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	3.104	6.369	495963	3.517	300	ug/ml
Aliphatic C12-C16	6.370	9.754	1170303	8.564	200	ug/ml
Aliphatic C16-C21	9.755	13.107	581055	4.414	300	ug/ml
Aliphatic C21-C28	13.108	16.761	488917	3.985	400	ug/ml
Aliphatic C28-C40	16.762	21.565	2673478	25.995	600	ug/ml
Aliphatic EPH	3.104	21.565	5409716	46.475		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.839	12.839	4594404	40.85		ug/ml
Aliphatic C9-C28	3.104	16.761	2736238	20.48	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-172-SB01	SDG No.:	Q1415
Lab Sample ID:	Q1415-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
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
FD049134.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.35	U	0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.41	J	0.39	1.15	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.32	J	1.11	1.92	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.31	U	2.31	3.07	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.2		40 - 140	94%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	43.0		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.9		40 - 140	80%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1415-02	Acq On:	28 Feb 2025 13:26
Client Sample ID:	B-172-SB01	Operator:	YP/AJ
Data file:	FD049134.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	4.076	5.794	431662	2.715	200	ug/ml
Aromatic C12-C16	5.795	8.396	865079	5.375	300	ug/ml
Aromatic C16-C21	8.397	12.661	2625310	17.119	500	ug/ml
Aromatic C21-C36	12.662	18.073	3900889	27.257	800	ug/ml
Aromatic EPH	4.076	18.073	7822940	52.466		ug/ml
ortho-Terphenyl (SURR)	11.235	11.235	6456380	39.91		ug/ml
2-Bromonaphthalene (SURR)	7.351	7.351	6756272	47.21		ug/ml
2-Fluorobiphenyl (SURR)	8.203	8.203	3783597	43.04		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-163-SB02	SDG No.:	Q1415
Lab Sample ID:	Q1415-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	72.4
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
02/27/25 13:10	02/28/25 14:03	PB166923

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.52	U	1	0.52	1.38	mg/kg	FC068327.D
Aliphatic C12-C16	Aliphatic C12-C16	0.96		1	0.33	0.92	mg/kg	FC068327.D
Aliphatic C16-C21	Aliphatic C16-C21	0.66	J	1	0.41	1.38	mg/kg	FC068327.D
Aliphatic C21-C28	Aliphatic C21-C28	1.20	J	1	1.10	1.84	mg/kg	FC068327.D
Aliphatic C28-C40	Aliphatic C28-C40	2.48	U	1	2.48	2.76	mg/kg	FC068327.D
Aromatic C10-C12	Aromatic C10-C12	0.41	U	1	0.41	0.92	mg/kg	FD049135.D
Aromatic C12-C16	Aromatic C12-C16	3.00		1	0.47	1.38	mg/kg	FD049135.D
Aromatic C16-C21	Aromatic C16-C21	2.02	J	1	1.32	2.30	mg/kg	FD049135.D
Aromatic C21-C36	Aromatic C21-C36	2.87	J	1	2.76	3.68	mg/kg	FD049135.D
Total AliphaticEPH	Total AliphaticEPH	4.85	U		4.85	8.28	mg/kg	
Total AromaticEPH	Total AromaticEPH	7.89	J		4.96	8.28	mg/kg	
Total EPH	Total EPH	10.7	J		9.81	16.6	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:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-163-SB02	SDG No.:	Q1415
Lab Sample ID:	Q1415-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	72.4
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
FC068327.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.52	U	0.52	1.38	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.96		0.33	0.92	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.66	J	0.41	1.38	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.20	J	1.10	1.84	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.48	U	2.48	2.76	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.4		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:	Q1415-03	Acq On:	28 Feb 2025 14:03
Client Sample ID:	B-163-SB02	Operator:	YP/AJ
Data file:	FC068327.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	3.104	6.369	705853	5.005	300	ug/ml
Aliphatic C12-C16	6.370	9.754	1427669	10.447	200	ug/ml
Aliphatic C16-C21	9.755	13.107	938853	7.132	300	ug/ml
Aliphatic C21-C28	13.108	16.761	1595637	13.005	400	ug/ml
Aliphatic C28-C40	16.762	21.565	2528112	24.581	600	ug/ml
Aliphatic EPH	3.104	21.565	7196124	60.171		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.839	12.839	4203916	37.38		ug/ml
Aliphatic C9-C28	3.104	16.761	4668012	35.589	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-163-SB02	SDG No.:	Q1415
Lab Sample ID:	Q1415-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	72.4
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
FD049135.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.41	U	0.41	0.92	mg/kg
Aromatic C12-C16	Aromatic C12-C16	3.00		0.47	1.38	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.02	J	1.32	2.30	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.87	J	2.76	3.68	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	52.7		40 - 140	105%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.1		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.3		40 - 140	79%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1415-03	Acq On:	28 Feb 2025 14:03
Client Sample ID:	B-163-SB02	Operator:	YP/AJ
Data file:	FD049135.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	4.076	5.794	436225	2.743	200	ug/ml
Aromatic C12-C16	5.795	8.396	5257060	32.666	300	ug/ml
Aromatic C16-C21	8.397	12.661	3364506	21.939	500	ug/ml
Aromatic C21-C36	12.662	18.073	4463401	31.188	800	ug/ml
Aromatic EPH	4.076	18.073	13521192	88.535		ug/ml
ortho-Terphenyl (SURR)	11.235	11.235	6363238	39.33		ug/ml
2-Bromonaphthalene (SURR)	7.351	7.351	7538273	52.67		ug/ml
2-Fluorobiphenyl (SURR)	8.202	8.202	4320522	49.15		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-172-SB02	SDG No.:	Q1415
Lab Sample ID:	Q1415-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.7
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/27/25 13:10	02/28/25 14:40	PB166923

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.66	J	1	0.42	1.11	mg/kg	FC068328.D
Aliphatic C12-C16	Aliphatic C12-C16	0.92		1	0.27	0.74	mg/kg	FC068328.D
Aliphatic C16-C21	Aliphatic C16-C21	0.33	U	1	0.33	1.11	mg/kg	FC068328.D
Aliphatic C21-C28	Aliphatic C21-C28	0.89	U	1	0.89	1.48	mg/kg	FC068328.D
Aliphatic C28-C40	Aliphatic C28-C40	2.00	U	1	2.00	2.22	mg/kg	FC068328.D
Aromatic C10-C12	Aromatic C10-C12	0.33	U	1	0.33	0.74	mg/kg	FD049136.D
Aromatic C12-C16	Aromatic C12-C16	0.46	J	1	0.38	1.11	mg/kg	FD049136.D
Aromatic C16-C21	Aromatic C16-C21	1.41	J	1	1.07	1.85	mg/kg	FD049136.D
Aromatic C21-C36	Aromatic C21-C36	2.26	J	1	2.22	2.96	mg/kg	FD049136.D
Total AliphaticEPH	Total AliphaticEPH	3.91	U		3.91	6.66	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.13	J		4.00	6.66	mg/kg	
Total EPH	Total EPH	7.92	U		7.92	13.3	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:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-172-SB02	SDG No.:	Q1415
Lab Sample ID:	Q1415-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.7
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068328.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.66	J	0.42	1.11	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.92		0.27	0.74	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.33	U	0.33	1.11	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.89	U	0.89	1.48	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.00	U	2.00	2.22	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.9		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:	Q1415-04	Acq On:	28 Feb 2025 14:40
Client Sample ID:	B-172-SB02	Operator:	YP/AJ
Data file:	FC068328.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	3.104	6.369	1259624	8.931	300	ug/ml
Aliphatic C12-C16	6.370	9.754	1701567	12.452	200	ug/ml
Aliphatic C16-C21	9.755	13.107	496518	3.772	300	ug/ml
Aliphatic C21-C28	13.108	16.761	472897	3.854	400	ug/ml
Aliphatic C28-C40	16.762	21.565	2667948	25.941	600	ug/ml
Aliphatic EPH	3.104	21.565	6598554	54.95		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.840	12.840	3923025	34.88		ug/ml
Aliphatic C9-C28	3.104	16.761	3930606	29.009	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-172-SB02	SDG No.:	Q1415
Lab Sample ID:	Q1415-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.7
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049136.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.33	U	0.33	0.74	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.46	J	0.38	1.11	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.41	J	1.07	1.85	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.26	J	2.22	2.96	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	56.8		40 - 140	114%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	59.0		40 - 140	118%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.4		40 - 140	83%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1415-04	Acq On:	28 Feb 2025 14:40
Client Sample ID:	B-172-SB02	Operator:	YP/AJ
Data file:	FD049136.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	4.076	5.794	589679	3.708	200	ug/ml
Aromatic C12-C16	5.795	8.396	989941	6.151	300	ug/ml
Aromatic C16-C21	8.397	12.661	2907735	18.96	500	ug/ml
Aromatic C21-C36	12.662	18.073	4359852	30.464	800	ug/ml
Aromatic EPH	4.076	18.073	8847207	59.284		ug/ml
ortho-Terphenyl (SURR)	11.235	11.235	6703578	41.44		ug/ml
2-Bromonaphthalene (SURR)	7.351	7.351	8127994	56.8		ug/ml
2-Fluorobiphenyl (SURR)	8.202	8.202	5189155	59.03		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	FB02222025	SDG No.:	Q1415
Lab Sample ID:	Q1415-05	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
02/25/25 08:00	02/25/25 17:36	PB166863

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.00	U	1	6.00	31.2	ug/l	FC068299.D
Aliphatic C12-C16	Aliphatic C12-C16	3.76	U	1	3.76	20.8	ug/l	FC068299.D
Aliphatic C16-C21	Aliphatic C16-C21	5.35	U	1	5.35	31.2	ug/l	FC068299.D
Aliphatic C21-C28	Aliphatic C21-C28	9.34	U	1	9.34	41.7	ug/l	FC068299.D
Aliphatic C28-C40	Aliphatic C28-C40	17.7	U	1	17.7	62.5	ug/l	FC068299.D
Aromatic C10-C12	Aromatic C10-C12	3.46	U	1	3.46	20.8	ug/l	FD049104.D
Aromatic C12-C16	Aromatic C12-C16	3.84	U	1	3.84	31.2	ug/l	FD049104.D
Aromatic C16-C21	Aromatic C16-C21	13.2	U	1	13.2	52.1	ug/l	FD049104.D
Aromatic C21-C36	Aromatic C21-C36	27.3	J	1	26.2	83.3	ug/l	FD049104.D
Total AliphaticEPH	Total AliphaticEPH	42.1	U		42.1	187	ug/l	
Total AromaticEPH	Total AromaticEPH	46.7	U		46.7	187	ug/l	
Total EPH	Total EPH	88.8	U		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:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	FB02222025	SDG No.:	Q1415
Lab Sample ID:	Q1415-05	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
FC068299.D	1	02/25/25	02/25/25	PB166863

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.00	U	6.00	31.2	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	3.76	U	3.76	20.8	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.35	U	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	17.7	U	17.7	62.5	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.6		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:	Q1415-05	Acq On:	25 Feb 2025 17:36
Client Sample ID:	FB02222025	Operator:	YP/AJ
Data file:	FC068299.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.105	6.371	0	0	300	ug/ml
Aliphatic C12-C16	6.372	9.756	0	0	200	ug/ml
Aliphatic C16-C21	9.757	13.110	0	0	300	ug/ml
Aliphatic C21-C28	13.111	16.764	0	0	400	ug/ml
Aliphatic C28-C40	16.765	21.571	0	0	600	ug/ml
Aliphatic EPH	3.105	21.571	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.842	12.842	4004876	35.61		ug/ml
Aliphatic C9-C28	3.105	16.764	0	0	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	FB02222025	SDG No.:	Q1415
Lab Sample ID:	Q1415-05	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
FD049104.D	1	02/25/25	02/25/25	PB166863

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.46	U	3.46	20.8	ug/l
Aromatic C12-C16	Aromatic C12-C16	3.84	U	3.84	31.2	ug/l
Aromatic C16-C21	Aromatic C16-C21	13.2	U	13.2	52.1	ug/l
Aromatic C21-C36	Aromatic C21-C36	27.3	J	26.2	83.3	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.3		40 - 140	107%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	55.6		40 - 140	111%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	49.3		40 - 140	99%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1415-05	Acq On:	25 Feb 2025 17:36
Client Sample ID:	FB02222025	Operator:	YP/AJ
Data file:	FD049104.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.075	5.793	73314	0.461	200	ug/ml
Aromatic C12-C16	5.794	8.396	43097	0.268	300	ug/ml
Aromatic C16-C21	8.397	12.660	621464	4.052	500	ug/ml
Aromatic C21-C36	12.661	18.070	1878259	13.124	800	ug/ml
Aromatic EPH	4.075	18.070	2616134	17.905		ug/ml
2-Bromonaphthalene (SURRE)	7.352	7.352	7629671	53.31		ug/ml
2-Fluorobiphenyl (SURRE)	8.202	8.202	4891693	55.64		ug/ml
ortho-Terphenyl (SURRE)	11.236	11.236	7979636	49.33		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-173-GW01	SDG No.:	Q1415
Lab Sample ID:	Q1415-06	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	900 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
02/25/25 08:00	02/25/25 18:13	PB166863

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.40	U	1	6.40	33.3	ug/l	FC068300.D
Aliphatic C12-C16	Aliphatic C12-C16	4.01	U	1	4.01	22.2	ug/l	FC068300.D
Aliphatic C16-C21	Aliphatic C16-C21	5.71	U	1	5.71	33.3	ug/l	FC068300.D
Aliphatic C21-C28	Aliphatic C21-C28	9.97	U	1	9.97	44.4	ug/l	FC068300.D
Aliphatic C28-C40	Aliphatic C28-C40	18.9	U	1	18.9	66.7	ug/l	FC068300.D
Aromatic C10-C12	Aromatic C10-C12	3.69	U	1	3.69	22.2	ug/l	FD049105.D
Aromatic C12-C16	Aromatic C12-C16	4.10	U	1	4.10	33.3	ug/l	FD049105.D
Aromatic C16-C21	Aromatic C16-C21	14.1	U	1	14.1	55.6	ug/l	FD049105.D
Aromatic C21-C36	Aromatic C21-C36	28.0	U	1	28.0	88.9	ug/l	FD049105.D
Total AliphaticEPH	Total AliphaticEPH	45.0	U		45.0	200	ug/l	
Total AromaticEPH	Total AromaticEPH	49.9	U		49.9	200	ug/l	
Total EPH	Total EPH	94.9	U		94.9	400	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:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-173-GW01	SDG No.:	Q1415
Lab Sample ID:	Q1415-06	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	900 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
FC068300.D	1	02/25/25	02/25/25	PB166863

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.40	U	6.40	33.3	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	4.01	U	4.01	22.2	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.71	U	5.71	33.3	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	9.97	U	9.97	44.4	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	18.9	U	18.9	66.7	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.8		40 - 140	56%	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:	Q1415-06	Acq On:	25 Feb 2025 18:13
Client Sample ID:	B-173-GW01	Operator:	YP/AJ
Data file:	FC068300.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	3.105	6.371	238016	1.688	300	ug/ml
Aliphatic C12-C16	6.372	9.756	188032	1.376	200	ug/ml
Aliphatic C16-C21	9.757	13.110	0	0	300	ug/ml
Aliphatic C21-C28	13.111	16.764	0	0	400	ug/ml
Aliphatic C28-C40	16.765	21.571	0	0	600	ug/ml
Aliphatic EPH	3.105	21.571	426048	3.064		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.841	12.841	3123778	27.77		ug/ml
Aliphatic C9-C28	3.105	16.764	426048	3.064	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-173-GW01	SDG No.:	Q1415
Lab Sample ID:	Q1415-06	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	900 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
FD049105.D	1	02/25/25	02/25/25	PB166863

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.69	U	3.69	22.2	ug/l
Aromatic C12-C16	Aromatic C12-C16	4.10	U	4.10	33.3	ug/l
Aromatic C16-C21	Aromatic C16-C21	14.1	U	14.1	55.6	ug/l
Aromatic C21-C36	Aromatic C21-C36	28.0	U	28.0	88.9	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	61.6		40 - 140	123%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	63.5		40 - 140	127%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.1		40 - 140	56%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1415-06	Acq On:	25 Feb 2025 18:13
Client Sample ID:	B-173-GW01	Operator:	YP/AJ
Data file:	FD049105.D	Misc:	
Instrument:	FID_D	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.075	5.793	158473	0.997	200	ug/ml
Aromatic C12-C16	5.794	8.396	202999	1.261	300	ug/ml
Aromatic C16-C21	8.397	12.660	871427	5.682	500	ug/ml
Aromatic C21-C36	12.661	18.070	996427	6.962	800	ug/ml
Aromatic EPH	4.075	18.070	2229326	14.903		ug/ml
ortho-Terphenyl (SURR)	11.234	11.234	4550424	28.13		ug/ml
2-Bromonaphthalene (SURR)	7.353	7.353	8810523	61.57		ug/ml
2-Fluorobiphenyl (SURR)	8.202	8.202	5586333	63.54		ug/ml



QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: PORT06
Lab Code: CHEM CASE No.: Q1415 SAS No.: Q1415 SDG No.: Q1415
Run Number: FC022525AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
PB166863BL	64			0
PB166863BS	81			0
PB166863BSD	80			0
FB02222025	71			0
B-173-GW01	56			0

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

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

A
B
C
D
E
F
G
H
I
J

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: PORT06
Lab Code: CHEM CASE No.: Q1415 SAS No.: Q1415 SDG No.: Q1415
Run Number: FC022825AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
PB166923BL	83			0
PB166923BS	78			0
PB166923BSD	77			0
B-163-SB01	101			0
B-172-SB01	82			0
B-163-SB02	75			0
B-172-SB02	70			0
P001-CLAY-CF01-01MS	61			0
P001-CLAY-CF01-01MSD	65			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.: Q1415 SAS No.: Q1415 SDG No.: Q1415
Run Number: FD022525AR

Client SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
PB166863BL	112	113	95	0
PB166863BS	120	114	103	0
PB166863BSD	120	113	102	0
FB02222025	107	111	99	0
B-173-GW01	123	127	56	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.: Q1415 SAS No.: Q1415 SDG No.: Q1415
Run Number: FD022825AR

Client SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
PB166923BL	112	116	99	0
PB166923BS	117	124	106	0
PB166923BSD	118	126	107	0
B-163-SB01	103	92	102	0
B-172-SB01	94	86	80	0
B-163-SB02	105	98	79	0
B-172-SB02	114	118	83	0
P001-CLAY-CF01-01MS	118	124	67	0
P001-CLAY-CF01-01MSD	112	118	64	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

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1415 **SAS No :** Q1415 **SDG No:** Q1415
Sample No : Q1421-02 **Datafile:** FC068334.D
Client ID : P001-CLAY-CF01-01MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C9-C12	14.2	0	9.70	68		(40-140)
Aliphatic C12-C16	9.5	0.50	9.05	90		(40-140)
Aliphatic C16-C21	14.2	0.43	14.6	100		(40-140)
Aliphatic C21-C28	18.9	0	19.4	102		(40-140)
Aliphatic C28-C40	28.4	2.80	34.1	110		(40-140)

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1415 **SAS No :** Q1415 **SDG No:** Q1415
Sample No : Q1421-03 **Datafile:** FC068335.D
Client ID : P001-CLAY-CF01-01MSD

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	14.2	0	9.71	68		0.15 (40-140) 25
Aliphatic C12-C16	9.5	0.50	9.10	91		0.44 (40-140) 25
Aliphatic C16-C21	14.2	0.43	14.7	100		0.1 (40-140) 25
Aliphatic C21-C28	18.9	0	19.6	103		0.98 (40-140) 25
Aliphatic C28-C40	28.4	2.80	34.6	111		0.9 (40-140) 25

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1415 **SAS No :** Q1415 **SDG No:** Q1415
Sample No : Q1421-02 **Datafile:** FD049142.D
Client ID : P001-CLAY-CF01-01MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aromatic C10-C12	9.5	0.47	9.80	99		(40-140)
Aromatic C12-C16	14.2	0.65	17.2	116		(40-140)
Aromatic C16-C21	23.7	2.61	35.7	139		(40-140)
Aromatic C21-C36	37.8	0	57.2	151	*	(40-140)

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** Q1415 **SAS No :** Q1415 **SDG No:** Q1415
Sample No : Q1421-03 **Datafile:** FD049143.D
Client ID : P001-CLAY-CF01-01MSD

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	9.5	0.47	9.34	94		5.1 (40-140)	25
Aromatic C12-C16	14.2	0.65	16.4	110		5.31 (40-140)	25
Aromatic C16-C21	23.7	2.61	34.2	133		4.41 (40-140)	25
Aromatic C21-C36	37.9	0	55.5	146	*	3.37 (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:** Q1415 **SAS No :** Q1415 **SDG No:** Q1415
Sample No : PB166863BS **Datafile:** FC068297.D
Client ID : PB166863BS

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS
Aliphatic C9-C12	300	172	57		(40-140)
Aliphatic C12-C16	200	158	79		(40-140)
Aliphatic C16-C21	300	268	89		(40-140)
Aliphatic C21-C28	400	366	92		(40-140)
Aliphatic C28-C40	600	602	100		(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:** Q1415 **SAS No :** Q1415 **SDG No:** Q1415
Sample No : PB166863BSD **Datafile:** FC068298.D
Client ID : PB166863BSD

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aliphatic C9-C12	300	175	58		1.8 (40-140)	50
Aliphatic C12-C16	200	160	80		1.3 (40-140)	50
Aliphatic C16-C21	300	268	89		0.03 (40-140)	50
Aliphatic C21-C28	400	364	91		0.548 (40-140)	50
Aliphatic C28-C40	600	602	100		0.33 (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:** Q1415 **SAS No :** Q1415 **SDG No:** Q1415
Sample No : PB166923BS **Datafile:** FC068323.D
Client ID : PB166923BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C9-C12	10	6.53	65		(40-140)
Aliphatic C12-C16	6.7	5.75	86		(40-140)
Aliphatic C16-C21	10	9.57	96		(40-140)
Aliphatic C21-C28	13.3	12.9	97		(40-140)
Aliphatic C28-C40	20.0	21.3	106		(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:** Q1415 **SAS No :** Q1415 **SDG No:** Q1415
Sample No : PB166923BSD **Datafile:** FC068324.D
Client ID : PB166923BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aliphatic C9-C12	10	6.56	66		0.37 (40-140)	50
Aliphatic C12-C16	6.7	5.75	86		0 (40-140)	50
Aliphatic C16-C21	10	9.54	96		0.352 (40-140)	50
Aliphatic C21-C28	13.3	12.9	97		0.01 (40-140)	50
Aliphatic C28-C40	20.0	21.4	107		1 (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:** Q1415 **SAS No :** Q1415 **SDG No:** Q1415
Sample No : PB166863BS **Datafile:** FD049102.D
Client ID : PB166863BS

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS
Aromatic C10-C12	200	165	82		(40-140)
Aromatic C12-C16	300	410	136		(40-140)
Aromatic C16-C21	500	583	116		(40-140)
Aromatic C21-C36	800	905	113		(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:** Q1415 **SAS No :** Q1415 **SDG No:** Q1415
Sample No : PB166863BSD **Datafile:** FD049103.D
Client ID : PB166863BSD

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aromatic C10-C12	200	165	82		0 (40-140)	50
Aromatic C12-C16	300	302	100		29.9 (40-140)	50
Aromatic C16-C21	500	581	116		0.17 (40-140)	50
Aromatic C21-C36	800	909	113		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:** Q1415 **SAS No :** Q1415 **SDG No:** Q1415
Sample No : PB166923BS **Datafile:** FD049131.D
Client ID : PB166923BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aromatic C10-C12	6.7	6.49	97		(40-140)
Aromatic C12-C16	10	11.1	111		(40-140)
Aromatic C16-C21	16.7	21.5	129		(40-140)
Aromatic C21-C36	26.6	34.3	128		(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:** Q1415 **SAS No :** Q1415 **SDG No:** Q1415
Sample No : PB166923BSD **Datafile:** FD049132.D
Client ID : PB166923BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aromatic C10-C12	6.7	6.56	98		1.1 (40-140)	50
Aromatic C12-C16	10	11.3	113		1.9 (40-140)	50
Aromatic C16-C21	16.7	21.8	130		1.5 (40-140)	50
Aromatic C21-C36	26.6	34.9	130		2.3 (40-140)	50

4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166863BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q1415

SAS No.: Q1415 SDG NO.: Q1415

Instrument ID: FID_C

Lab Sample ID: PB166863BL

Matrix: (soil/water) Water

Date Extracted: 2/25/2025 8:43:00 A

Level: (low/med) low

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

EPA SAMPLE NO.	LAB SAMPLE ID
PB166863BS	PB166863BS
PB166863BSD	PB166863BSD
FB02222025	Q1415-05
B-173-GW01	Q1415-06

COMMENTS: _____

4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166923BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q1415

SAS No.: Q1415 SDG NO.: Q1415

Instrument ID: FID_C

Lab Sample ID: PB166923BL

Matrix: (soil/water) Solid

Date Extracted: 2/27/2025 1:10:00 P

Level: (low/med) low

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

EPA SAMPLE NO.	LAB SAMPLE ID
PB166923BS	PB166923BS
PB166923BSD	PB166923BSD
B-163-SB01	Q1415-01
B-172-SB01	Q1415-02
B-163-SB02	Q1415-03
B-172-SB02	Q1415-04

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166863BL	SDG No.:	Q1415
Lab Sample ID:	PB166863BL	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
02/25/25 08:43	02/25/25 15:47	PB166863

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	FC068296.D
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	1	3.61	20.0	ug/l	FC068296.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FC068296.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FC068296.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	1	17.0	60.0	ug/l	FC068296.D
Aromatic C10-C12	Aromatic C10-C12	3.32	U	1	3.32	20.0	ug/l	FD049101.D
Aromatic C12-C16	Aromatic C12-C16	3.69	U	1	3.69	30.0	ug/l	FD049101.D
Aromatic C16-C21	Aromatic C16-C21	12.7	U	1	12.7	50.0	ug/l	FD049101.D
Aromatic C21-C36	Aromatic C21-C36	25.2	U	1	25.2	80.0	ug/l	FD049101.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:	PB166863BL	SDG No.:	Q1415
Lab Sample ID:	PB166863BL	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
FC068296.D	1	02/25/25	02/25/25	PB166863

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)	32.0		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:	PB166863BL	Acq On:	25 Feb 2025 15:47
Client Sample ID:	PB166863BL	Operator:	YP/AJ
Data file:	FC068296.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	3.105	6.371	0	0	300	ug/ml
Aliphatic C12-C16	6.372	9.756	0	0	200	ug/ml
Aliphatic C16-C21	9.757	13.110	0	0	300	ug/ml
Aliphatic C21-C28	13.111	16.764	0	0	400	ug/ml
Aliphatic C28-C40	16.765	21.571	0	0	600	ug/ml
Aliphatic EPH	3.105	21.571	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.844	12.844	3600606	32.01		ug/ml
Aliphatic C9-C28	3.105	16.764	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:	PB166863BL	SDG No.:	Q1415
Lab Sample ID:	PB166863BL	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
FD049101.D	1	02/25/25	02/25/25	PB166863

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)	56.2		40 - 140	112%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	56.5		40 - 140	113%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	47.7		40 - 140	95%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB166863BL	Acq On:	25 Feb 2025 15:47
Client Sample ID:	PB166863BL	Operator:	YP/AJ
Data file:	FD049101.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.075	5.793	0	0	200	ug/ml
Aromatic C12-C16	5.794	8.396	0	0	300	ug/ml
Aromatic C16-C21	8.397	12.660	0	0	500	ug/ml
Aromatic C21-C36	12.661	18.070	0	0	800	ug/ml
Aromatic EPH	4.075	18.070	0	0		ug/ml
2-Bromonaphthalene (SURR)	7.348	7.348	8047938	56.24		ug/ml
2-Fluorobiphenyl (SURR)	8.198	8.198	4963166	56.46		ug/ml
ortho-Terphenyl (SURR)	11.235	11.235	7709546	47.66		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166923BL	SDG No.:	Q1415
Lab Sample ID:	PB166923BL	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
02/27/25 13:10	02/28/25 11:00	PB166923

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	FC068322.D
Aliphatic C12-C16	Aliphatic C12-C16	0.24	U	1	0.24	0.67	mg/kg	FC068322.D
Aliphatic C16-C21	Aliphatic C16-C21	0.30	U	1	0.30	1.00	mg/kg	FC068322.D
Aliphatic C21-C28	Aliphatic C21-C28	0.80	U	1	0.80	1.33	mg/kg	FC068322.D
Aliphatic C28-C40	Aliphatic C28-C40	1.80	U	1	1.80	2.00	mg/kg	FC068322.D
Aromatic C10-C12	Aromatic C10-C12	0.30	U	1	0.30	0.67	mg/kg	FD049130.D
Aromatic C12-C16	Aromatic C12-C16	0.34	U	1	0.34	1.00	mg/kg	FD049130.D
Aromatic C16-C21	Aromatic C16-C21	0.96	U	1	0.96	1.67	mg/kg	FD049130.D
Aromatic C21-C36	Aromatic C21-C36	2.00	U	1	2.00	2.66	mg/kg	FD049130.D
Total AliphaticEPH	Total AliphaticEPH	3.52	U		3.52	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.60	U		3.60	6.00	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:	PB166923BL	SDG No.:	Q1415
Lab Sample ID:	PB166923BL	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
FC068322.D	1	02/27/25	02/28/25	PB166923

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)	41.6		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166923BL	Acq On:	28 Feb 2025 11:00
Client Sample ID:	PB166923BL	Operator:	YP/AJ
Data file:	FC068322.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	3.104	6.369	0	0	300	ug/ml
Aliphatic C12-C16	6.370	9.754	0	0	200	ug/ml
Aliphatic C16-C21	9.755	13.107	0	0	300	ug/ml
Aliphatic C21-C28	13.108	16.761	0	0	400	ug/ml
Aliphatic C28-C40	16.762	21.565	0	0	600	ug/ml
Aliphatic EPH	3.104	21.565	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.840	12.840	4680251	41.61		ug/ml
Aliphatic C9-C28	3.104	16.761	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:	PB166923BL	SDG No.:	Q1415
Lab Sample ID:	PB166923BL	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
FD049130.D	1	02/27/25	02/28/25	PB166923

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	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	56.0		40 - 140	112%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	57.8		40 - 140	116%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	49.7		40 - 140	99%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB166923BL	Acq On:	28 Feb 2025 11:00
Client Sample ID:	PB166923BL	Operator:	YP/AJ
Data file:	FD049130.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	4.076	5.794	0	0	200	ug/ml
Aromatic C12-C16	5.795	8.396	0	0	300	ug/ml
Aromatic C16-C21	8.397	12.661	0	0	500	ug/ml
Aromatic C21-C36	12.662	18.073	0	0	800	ug/ml
Aromatic EPH	4.076	18.073	0	0		ug/ml
ortho-Terphenyl (SURR)	11.236	11.236	8041222	49.71		ug/ml
2-Bromonaphthalene (SURR)	7.352	7.352	8010402	55.97		ug/ml
2-Fluorobiphenyl (SURR)	8.201	8.201	5081253	57.8		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166863BS	SDG No.:	Q1415
Lab Sample ID:	PB166863BS	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
02/25/25 08:43	02/25/25 16:23	PB166863

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	172		1	5.76	30.0	ug/l	FC068297.D
Aliphatic C12-C16	Aliphatic C12-C16	158		1	3.61	20.0	ug/l	FC068297.D
Aliphatic C16-C21	Aliphatic C16-C21	268		1	5.14	30.0	ug/l	FC068297.D
Aliphatic C21-C28	Aliphatic C21-C28	366		1	8.97	40.0	ug/l	FC068297.D
Aliphatic C28-C40	Aliphatic C28-C40	602		1	17.0	60.0	ug/l	FC068297.D
Aromatic C10-C12	Aromatic C10-C12	165		1	3.32	20.0	ug/l	FD049102.D
Aromatic C12-C16	Aromatic C12-C16	410		1	3.69	30.0	ug/l	FD049102.D
Aromatic C16-C21	Aromatic C16-C21	583		1	12.7	50.0	ug/l	FD049102.D
Aromatic C21-C36	Aromatic C21-C36	905		1	25.2	80.0	ug/l	FD049102.D
Total AliphaticEPH	Total AliphaticEPH	1570			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	2060			44.9	180	ug/l	
Total EPH	Total EPH	3630			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:	PB166863BS	SDG No.:	Q1415
Lab Sample ID:	PB166863BS	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
FC068297.D	1	02/25/25	02/25/25	PB166863

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	172		5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	158		3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	268		5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	366		8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	602		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.7		40 - 140	81%	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:	PB166863BS	Acq On:	25 Feb 2025 16:23
Client Sample ID:	PB166863BS	Operator:	YP/AJ
Data file:	FC068297.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	3.105	6.371	12187522	86.415	300	ug/ml
Aliphatic C12-C16	6.372	9.756	10850504	79.401	200	ug/ml
Aliphatic C16-C21	9.757	13.110	17698581	134.456	300	ug/ml
Aliphatic C21-C28	13.111	16.764	22476976	183.199	400	ug/ml
Aliphatic C28-C40	16.765	21.571	30982185	301.247	600	ug/ml
Aliphatic EPH	3.105	21.571	94195768	784.718		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.843	12.843	4574944	40.68		ug/ml
Aliphatic C9-C28	3.105	16.764	63213583	483.471	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166863BS	SDG No.:	Q1415
Lab Sample ID:	PB166863BS	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
FD049102.D	1	02/25/25	02/25/25	PB166863

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	165		3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	410		3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	583		12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	905		25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	59.9		40 - 140	120%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	56.8		40 - 140	114%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	51.6		40 - 140	103%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB166863BS	Acq On:	25 Feb 2025 16:23
Client Sample ID:	PB166863BS	Operator:	YP/AJ
Data file:	FD049102.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.075	5.793	13152647	82.71	200	ug/ml
Aromatic C12-C16	5.794	8.396	33023857	205.199	300	ug/ml
Aromatic C16-C21	8.397	12.660	44739297	291.729	500	ug/ml
Aromatic C21-C36	12.661	18.070	64821667	452.935	800	ug/ml
Aromatic EPH	4.075	18.070	155737468	1030		ug/ml
2-Bromonaphthalene (SURR)	7.351	7.351	8578252	59.94		ug/ml
2-Fluorobiphenyl (SURR)	8.202	8.202	4994005	56.81		ug/ml
ortho-Terphenyl (SURR)	11.237	11.237	8345069	51.58		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166923BS	SDG No.:	Q1415
Lab Sample ID:	PB166923BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
02/27/25 13:10	02/28/25 11:37	PB166923

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.53		1	0.38	1.00	mg/kg	FC068323.D
Aliphatic C12-C16	Aliphatic C12-C16	5.75		1	0.24	0.67	mg/kg	FC068323.D
Aliphatic C16-C21	Aliphatic C16-C21	9.57		1	0.30	1.00	mg/kg	FC068323.D
Aliphatic C21-C28	Aliphatic C21-C28	12.9		1	0.80	1.33	mg/kg	FC068323.D
Aliphatic C28-C40	Aliphatic C28-C40	21.3		1	1.80	2.00	mg/kg	FC068323.D
Aromatic C10-C12	Aromatic C10-C12	6.49		1	0.30	0.67	mg/kg	FD049131.D
Aromatic C12-C16	Aromatic C12-C16	11.1		1	0.34	1.00	mg/kg	FD049131.D
Aromatic C16-C21	Aromatic C16-C21	21.5		1	0.96	1.67	mg/kg	FD049131.D
Aromatic C21-C36	Aromatic C21-C36	34.3		1	2.00	2.66	mg/kg	FD049131.D
Total AliphaticEPH	Total AliphaticEPH	56.0			3.52	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	73.4			3.60	6.00	mg/kg	
Total EPH	Total EPH	129			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:	PB166923BS	SDG No.:	Q1415
Lab Sample ID:	PB166923BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
FC068323.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.53		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.75		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.57		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.9		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.3		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.9		40 - 140	78%	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:	PB166923BS	Acq On:	28 Feb 2025 11:37
Client Sample ID:	PB166923BS	Operator:	YP/AJ
Data file:	FC068323.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	3.104	6.369	13831446	98.071	300	ug/ml
Aliphatic C12-C16	6.370	9.754	11804868	86.385	200	ug/ml
Aliphatic C16-C21	9.755	13.107	18912877	143.681	300	ug/ml
Aliphatic C21-C28	13.108	16.761	23798182	193.968	400	ug/ml
Aliphatic C28-C40	16.762	21.565	32890476	319.802	600	ug/ml
Aliphatic EPH	3.104	21.565	101237849	841.906		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.840	12.840	4376930	38.91		ug/ml
Aliphatic C9-C28	3.104	16.761	68347373	522.105	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166923BS	SDG No.:	Q1415
Lab Sample ID:	PB166923BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
FD049131.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	6.49		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	11.1		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	21.5		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	34.3		2.00	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	58.3		40 - 140	117%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	61.9		40 - 140	124%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	53.0		40 - 140	106%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB166923BS	Acq On:	28 Feb 2025 11:37
Client Sample ID:	PB166923BS	Operator:	YP/AJ
Data file:	FD049131.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	4.076	5.794	15506186	97.511	200	ug/ml
Aromatic C12-C16	5.795	8.396	26811280	166.596	300	ug/ml
Aromatic C16-C21	8.397	12.661	49558614	323.154	500	ug/ml
Aromatic C21-C36	12.662	18.073	73636189	514.525	800	ug/ml
Aromatic EPH	4.076	18.073	165512269	1100		ug/ml
2-Bromonaphthalene (SURR)	7.352	7.352	8337130	58.26		ug/ml
2-Fluorobiphenyl (SURR)	8.203	8.203	5441864	61.9		ug/ml
ortho-Terphenyl (SURR)	11.237	11.237	8579131	53.03		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166863BSD	SDG No.:	Q1415
Lab Sample ID:	PB166863BSD	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
02/25/25 08:43	02/25/25 16:59	PB166863

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	175		1	5.76	30.0	ug/l	FC068298.D
Aliphatic C12-C16	Aliphatic C12-C16	160		1	3.61	20.0	ug/l	FC068298.D
Aliphatic C16-C21	Aliphatic C16-C21	268		1	5.14	30.0	ug/l	FC068298.D
Aliphatic C21-C28	Aliphatic C21-C28	364		1	8.97	40.0	ug/l	FC068298.D
Aliphatic C28-C40	Aliphatic C28-C40	602		1	17.0	60.0	ug/l	FC068298.D
Aromatic C10-C12	Aromatic C10-C12	165		1	3.32	20.0	ug/l	FD049103.D
Aromatic C12-C16	Aromatic C12-C16	302		1	3.69	30.0	ug/l	FD049103.D
Aromatic C16-C21	Aromatic C16-C21	581		1	12.7	50.0	ug/l	FD049103.D
Aromatic C21-C36	Aromatic C21-C36	909		1	25.2	80.0	ug/l	FD049103.D
Total AliphaticEPH	Total AliphaticEPH	1570			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1960			44.9	180	ug/l	
Total EPH	Total EPH	3530			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:	PB166863BSD	SDG No.:	Q1415
Lab Sample ID:	PB166863BSD	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
FC068298.D	1	02/25/25	02/25/25	PB166863

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	175		5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	160		3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	268		5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	364		8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	602		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.0		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166863BSD	Acq On:	25 Feb 2025 16:59
Client Sample ID:	PB166863BSD	Operator:	YP/AJ
Data file:	FC068298.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	3.105	6.371	12403499	87.946	300	ug/ml
Aliphatic C12-C16	6.372	9.756	10954326	80.161	200	ug/ml
Aliphatic C16-C21	9.757	13.110	17672217	134.256	300	ug/ml
Aliphatic C21-C28	13.111	16.764	22341891	182.098	400	ug/ml
Aliphatic C28-C40	16.765	21.571	31001598	301.436	600	ug/ml
Aliphatic EPH	3.105	21.571	94373531	785.897		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.843	12.843	4496924	39.98		ug/ml
Aliphatic C9-C28	3.105	16.764	63371933	484.461	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166863BSD	SDG No.:	Q1415
Lab Sample ID:	PB166863BSD	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
FD049103.D	1	02/25/25	02/25/25	PB166863

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	165		3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	302		3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	581		12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	909		25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	59.8		40 - 140	120%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	56.6		40 - 140	113%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	51.1		40 - 140	102%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB166863BSD	Acq On:	25 Feb 2025 16:59
Client Sample ID:	PB166863BSD	Operator:	YP/AJ
Data file:	FD049103.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.075	5.793	13160296	82.758	200	ug/ml
Aromatic C12-C16	5.794	8.396	24332513	151.194	300	ug/ml
Aromatic C16-C21	8.397	12.660	44578557	290.68	500	ug/ml
Aromatic C21-C36	12.661	18.070	65092191	454.825	800	ug/ml
Aromatic EPH	4.075	18.070	147163557	979.458		ug/ml
2-Bromonaphthalene (SURRE)	7.354	7.354	8562419	59.83		ug/ml
2-Fluorobiphenyl (SURRE)	8.204	8.204	4975359	56.59		ug/ml
ortho-Terphenyl (SURRE)	11.239	11.239	8267824	51.11		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166923BSD	SDG No.:	Q1415
Lab Sample ID:	PB166923BSD	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
02/27/25 13:10	02/28/25 12:13	PB166923

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.56		1	0.38	1.00	mg/kg	FC068324.D
Aliphatic C12-C16	Aliphatic C12-C16	5.75		1	0.24	0.67	mg/kg	FC068324.D
Aliphatic C16-C21	Aliphatic C16-C21	9.54		1	0.30	1.00	mg/kg	FC068324.D
Aliphatic C21-C28	Aliphatic C21-C28	12.9		1	0.80	1.33	mg/kg	FC068324.D
Aliphatic C28-C40	Aliphatic C28-C40	21.4		1	1.80	2.00	mg/kg	FC068324.D
Aromatic C10-C12	Aromatic C10-C12	6.56		1	0.30	0.67	mg/kg	FD049132.D
Aromatic C12-C16	Aromatic C12-C16	11.3		1	0.34	1.00	mg/kg	FD049132.D
Aromatic C16-C21	Aromatic C16-C21	21.8		1	0.96	1.67	mg/kg	FD049132.D
Aromatic C21-C36	Aromatic C21-C36	34.9		1	2.00	2.66	mg/kg	FD049132.D
Total AliphaticEPH	Total AliphaticEPH	56.1			3.52	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	74.6			3.60	6.00	mg/kg	
Total EPH	Total EPH	131			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:	PB166923BSD	SDG No.:	Q1415
Lab Sample ID:	PB166923BSD	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
FC068324.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.56		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.75		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.54		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.9		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.4		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.7		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:	PB166923BSD	Acq On:	28 Feb 2025 12:13
Client Sample ID:	PB166923BSD	Operator:	YP/AJ
Data file:	FC068324.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	3.104	6.369	13889956	98.486	300	ug/ml
Aliphatic C12-C16	6.370	9.754	11796061	86.32	200	ug/ml
Aliphatic C16-C21	9.755	13.107	18839655	143.125	300	ug/ml
Aliphatic C21-C28	13.108	16.761	23724700	193.369	400	ug/ml
Aliphatic C28-C40	16.762	21.565	33036052	321.217	600	ug/ml
Aliphatic EPH	3.104	21.565	101286424	842.517		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.840	12.840	4356774	38.74		ug/ml
Aliphatic C9-C28	3.104	16.761	68250372	521.3	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166923BSD	SDG No.:	Q1415
Lab Sample ID:	PB166923BSD	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
FD049132.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	6.56		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	11.3		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	21.8		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	34.9		2.00	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	59.0		40 - 140	118%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	63.0		40 - 140	126%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	53.6		40 - 140	107%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB166923BSD	Acq On:	28 Feb 2025 12:13
Client Sample ID:	PB166923BSD	Operator:	YP/AJ
Data file:	FD049132.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	4.076	5.794	15663141	98.498	200	ug/ml
Aromatic C12-C16	5.795	8.396	27228831	169.191	300	ug/ml
Aromatic C16-C21	8.397	12.661	50286158	327.898	500	ug/ml
Aromatic C21-C36	12.662	18.073	74965222	523.812	800	ug/ml
Aromatic EPH	4.076	18.073	168143352	1120		ug/ml
ortho-Terphenyl (SURR)	11.237	11.237	8675284	53.63		ug/ml
2-Bromonaphthalene (SURR)	7.352	7.352	8444315	59.01		ug/ml
2-Fluorobiphenyl (SURR)	8.203	8.203	5539761	63.01		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/24/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-01MS	SDG No.:	Q1415
Lab Sample ID:	Q1421-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068334.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	9.70		0.54	1.42	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	9.05		0.34	0.95	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	14.6		0.43	1.42	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	19.4		1.14	1.89	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	34.1		2.55	2.84	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.6		40 - 140	61%	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:	Q1421-02	Acq On:	28 Feb 2025 18:56
Client Sample ID:	P001-CLAY-CF01-01MS	Operator:	YP/AJ
Data file:	FC068334.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.104	6.369	14464917	102.562	300	ug/ml
Aliphatic C12-C16	6.370	9.754	13068443	95.631	200	ug/ml
Aliphatic C16-C21	9.755	13.107	20310392	154.298	300	ug/ml
Aliphatic C21-C28	13.108	16.761	25151936	205.002	400	ug/ml
Aliphatic C28-C40	16.762	21.565	37089980	360.634	600	ug/ml
Aliphatic EPH	3.104	21.565	110085668	918.128		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.839	12.839	3447568	30.65		ug/ml
Aliphatic C9-C28	3.104	16.761	72995688	557.493	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/24/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-01MS	SDG No.:	Q1415
Lab Sample ID:	Q1421-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049142.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	9.80		0.43	0.95	mg/kg
Aromatic C12-C16	Aromatic C12-C16	17.2		0.48	1.42	mg/kg
Aromatic C16-C21	Aromatic C16-C21	35.7		1.36	2.37	mg/kg
Aromatic C21-C36	Aromatic C21-C36	57.2		2.84	3.78	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	59.0		40 - 140	118%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	62.2		40 - 140	124%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.3		40 - 140	67%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1421-02	Acq On:	28 Feb 2025 18:56
Client Sample ID:	P001-CLAY-CF01-01MS	Operator:	YP/AJ
Data file:	FD049142.D	Misc:	
Instrument:	FID_D	ALS Vial:	71
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	16467986	103.559	200	ug/ml
Aromatic C12-C16	5.795	8.396	29311275	182.13	300	ug/ml
Aromatic C16-C21	8.397	12.661	57903456	377.567	500	ug/ml
Aromatic C21-C36	12.662	18.073	86473438	604.224	800	ug/ml
Aromatic EPH	4.076	18.073	190156155	1270		ug/ml
2-Bromonaphthalene (SURRE)	7.352	7.352	8441841	58.99		ug/ml
2-Fluorobiphenyl (SURRE)	8.203	8.203	5467908	62.2		ug/ml
ortho-Terphenyl (SURRE)	11.234	11.234	5392113	33.33		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/24/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-01MSD	SDG No.:	Q1415
Lab Sample ID:	Q1421-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.3
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
FC068335.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	9.71		0.54	1.42	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	9.10		0.34	0.95	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	14.7		0.43	1.42	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	19.6		1.14	1.89	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	34.6		2.56	2.84	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.3		40 - 140	65%	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:	Q1421-03	Acq On:	28 Feb 2025 19:32
Client Sample ID:	P001-CLAY-CF01-01MSD	Operator:	YP/AJ
Data file:	FC068335.D	Misc:	
Instrument:	FID_C	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.104	6.369	14461616	102.539	300	ug/ml
Aliphatic C12-C16	6.370	9.754	13124094	96.038	200	ug/ml
Aliphatic C16-C21	9.755	13.107	20440502	155.287	300	ug/ml
Aliphatic C21-C28	13.108	16.761	25406827	207.079	400	ug/ml
Aliphatic C28-C40	16.762	21.565	37555991	365.166	600	ug/ml
Aliphatic EPH	3.104	21.565	110989030	926.109		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.838	12.838	3629508	32.27		ug/ml
Aliphatic C9-C28	3.104	16.761	73433039	560.943	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/24/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-01MSD	SDG No.:	Q1415
Lab Sample ID:	Q1421-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.3
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
FD049143.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	9.34		0.43	0.95	mg/kg
Aromatic C12-C16	Aromatic C12-C16	16.4		0.48	1.42	mg/kg
Aromatic C16-C21	Aromatic C16-C21	34.2		1.36	2.37	mg/kg
Aromatic C21-C36	Aromatic C21-C36	55.5		2.84	3.79	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	55.9		40 - 140	112%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	59.1		40 - 140	118%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.0		40 - 140	64%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1421-03	Acq On:	28 Feb 2025 19:32
Client Sample ID:	P001-CLAY-CF01-01MSD	Operator:	YP/AJ
Data file:	FD049143.D	Misc:	
Instrument:	FID_D	ALS Vial:	72
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	15672874	98.559	200	ug/ml
Aromatic C12-C16	5.795	8.396	27922630	173.502	300	ug/ml
Aromatic C16-C21	8.397	12.661	55344709	360.883	500	ug/ml
Aromatic C21-C36	12.662	18.073	83844627	585.856	800	ug/ml
Aromatic EPH	4.076	18.073	182784840	1220		ug/ml
2-Bromonaphthalene (SURRE)	7.352	7.352	8004383	55.93		ug/ml
2-Fluorobiphenyl (SURRE)	8.203	8.203	5197744	59.12		ug/ml
ortho-Terphenyl (SURRE)	11.234	11.234	5182415	32.03		ug/ml



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FC021125AL

AreaCount

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

AVG Response Factor

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

Concentration

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

Response Factor

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

Initial Calibration Report for SequenceID : FC021125AL

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

Initial Calibration Report for SequenceID : FD021125AR

AreaCount

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

AVG Response Factor

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

Concentration

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

Response Factor

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

Continuing Calibration Report for SequenceID : FC022525AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC068295.D

Aliphatic C9-C12	7540145.000	60.000	3.105	6.371	125669.083	141035.502	10.895
Aliphatic C12-C16	4890516.000	40.000	6.372	9.756	122262.900	136654.515	10.531
Aliphatic C16-C21	7157687.000	60.000	9.757	13.110	119294.783	131630.895	9.372
Aliphatic C21-C28	9437216.000	80.000	13.111	16.764	117965.200	122691.322	3.852
Aliphatic C28-C40	12705875.000	120.000	16.765	21.571	105882.292	102846.462	-2.952
Aliphatic EPH	41731439.000	360.000	3.105	21.571	115920.664	122175.127	5.119

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	25 Feb 2025 11:30
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068295.D	Misc:	
Instrument:	FID_C	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.105	6.371	7540145.000	60.000	ug/ml
Aliphatic C12-C16	6.372	9.756	4890516.000	40.000	ug/ml
Aliphatic C16-C21	9.757	13.110	7157687.000	60.000	ug/ml
Aliphatic C21-C28	13.111	16.764	9437216.000	80.000	ug/ml
Aliphatic C28-C40	16.765	21.571	12705875.000	120.000	ug/ml
Aliphatic EPH	3.105	21.571	41731439.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FC022525AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC068302.D

Aliphatic C9-C12	8513932.000	60.000	3.105	6.371	141898.867	141035.502	-0.612
Aliphatic C12-C16	5493256.000	40.000	6.372	9.756	137331.400	136654.515	-0.495
Aliphatic C16-C21	7880344.000	60.000	9.757	13.110	131339.067	131630.895	0.222
Aliphatic C21-C28	9861403.000	80.000	13.111	16.764	123267.538	122691.322	-0.470
Aliphatic C28-C40	12588661.000	120.000	16.765	21.571	104905.508	102846.462	-2.002
Aliphatic EPH	44337596.000	360.000	3.105	21.571	123159.989	122175.127	-0.806

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	25 Feb 2025 19:26
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068302.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.105	6.371	8513932.000	60.000	ug/ml
Aliphatic C12-C16	6.372	9.756	5493256.000	40.000	ug/ml
Aliphatic C16-C21	9.757	13.110	7880344.000	60.000	ug/ml
Aliphatic C21-C28	13.111	16.764	9861403.000	80.000	ug/ml
Aliphatic C28-C40	16.765	21.571	12588661.000	120.000	ug/ml
Aliphatic EPH	3.105	21.571	44337596.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FC022825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC068321.D

Aliphatic C9-C12	8795568.000	60.000	3.104	6.369	146592.800	141035.502	-3.940
Aliphatic C12-C16	5630378.000	40.000	6.370	9.754	140759.450	136654.515	-3.004
Aliphatic C16-C21	8123361.000	60.000	9.755	13.107	135389.350	131630.895	-2.855
Aliphatic C21-C28	10243894.000	80.000	13.108	16.761	128048.675	122691.322	-4.367
Aliphatic C28-C40	13204528.000	120.000	16.762	21.565	110037.733	102846.462	-6.992
Aliphatic EPH	45997729.000	360.000	3.104	21.565	127771.469	122175.127	-4.581

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	28 Feb 2025 10:23
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068321.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.104	6.369	8795568.000	60.000	ug/ml
Aliphatic C12-C16	6.370	9.754	5630378.000	40.000	ug/ml
Aliphatic C16-C21	9.755	13.107	8123361.000	60.000	ug/ml
Aliphatic C21-C28	13.108	16.761	10243894.000	80.000	ug/ml
Aliphatic C28-C40	16.762	21.565	13204528.000	120.000	ug/ml
Aliphatic EPH	3.104	21.565	45997729.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FC022825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC068331.D

Aliphatic C9-C12	8595776.000	60.000	3.104	6.369	143262.933	141035.502	-1.579
Aliphatic C12-C16	5515542.000	40.000	6.370	9.754	137888.550	136654.515	-0.903
Aliphatic C16-C21	7931958.000	60.000	9.755	13.107	132199.300	131630.895	-0.432
Aliphatic C21-C28	9960510.000	80.000	13.108	16.761	124506.375	122691.322	-1.479
Aliphatic C28-C40	13030922.000	120.000	16.762	21.565	108591.017	102846.462	-5.586
Aliphatic EPH	45034708.000	360.000	3.104	21.565	125096.411	122175.127	-2.391

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	28 Feb 2025 16:30
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068331.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.104	6.369	8595776.000	60.000	ug/ml
Aliphatic C12-C16	6.370	9.754	5515542.000	40.000	ug/ml
Aliphatic C16-C21	9.755	13.107	7931958.000	60.000	ug/ml
Aliphatic C21-C28	13.108	16.761	9960510.000	80.000	ug/ml
Aliphatic C28-C40	16.762	21.565	13030922.000	120.000	ug/ml
Aliphatic EPH	3.104	21.565	45034708.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FC022825AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC068341.D

Aliphatic C9-C12	8509686.000	60.000	3.104	6.369	141828.100	141035.502	-0.562
Aliphatic C12-C16	5481187.000	40.000	6.370	9.754	137029.675	136654.515	-0.275
Aliphatic C16-C21	7916038.000	60.000	9.755	13.107	131933.967	131630.895	-0.230
Aliphatic C21-C28	9928727.000	80.000	13.108	16.761	124109.088	122691.322	-1.156
Aliphatic C28-C40	13203681.000	120.000	16.762	21.565	110030.675	102846.462	-6.985
Aliphatic EPH	45039319.000	360.000	3.104	21.565	125109.219	122175.127	-2.402

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	28 Feb 2025 23:50
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068341.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.104	6.369	8509686.000	60.000	ug/ml
Aliphatic C12-C16	6.370	9.754	5481187.000	40.000	ug/ml
Aliphatic C16-C21	9.755	13.107	7916038.000	60.000	ug/ml
Aliphatic C21-C28	13.108	16.761	9928727.000	80.000	ug/ml
Aliphatic C28-C40	16.762	21.565	13203681.000	120.000	ug/ml
Aliphatic EPH	3.104	21.565	45039319.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD022525AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FD049100.D

Aromatic C16-C21	12146265.000	80.000	8.397	12.660	151828.313	153359.309	0.998
Aromatic C21-C36	26130774.000	180.000	12.661	18.070	145170.967	143114.753	-1.437
Aromatic EPH	54757193.000	360.000	4.075	18.070	152103.314	150128.823	-1.315
Aromatic C10-C12	6565172.000	40.000	4.075	5.793	164129.300	159020.606	-3.213
Aromatic C12-C16	9914982.000	60.000	5.794	8.396	165249.700	160935.866	-2.680

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	25 Feb 2025 11:30
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049100.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.075	5.793	6565172.000	40.000	ug/ml
Aromatic C12-C16	5.794	8.396	9914982.000	60.000	ug/ml
Aromatic C16-C21	8.397	12.660	12146265.000	80.000	ug/ml
Aromatic C21-C36	12.661	18.070	26130774.000	180.000	ug/ml
Aromatic EPH	4.075	18.070	54757193.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD022525AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FD049107.D

Aromatic C16-C21	12153015.000	80.000	8.397	12.660	151912.688	153359.309	0.943
Aromatic C21-C36	25896026.000	180.000	12.661	18.070	143866.811	143114.753	-0.525
Aromatic EPH	54443876.000	360.000	4.075	18.070	151232.989	150128.823	-0.735
Aromatic C10-C12	6541813.000	40.000	4.075	5.793	163545.325	159020.606	-2.845
Aromatic C12-C16	9853022.000	60.000	5.794	8.396	164217.033	160935.866	-2.039

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	25 Feb 2025 19:26
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049107.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.075	5.793	6541813.000	40.000	ug/ml
Aromatic C12-C16	5.794	8.396	9853022.000	60.000	ug/ml
Aromatic C16-C21	8.397	12.660	12153015.000	80.000	ug/ml
Aromatic C21-C36	12.661	18.070	25896026.000	180.000	ug/ml
Aromatic EPH	4.075	18.070	54443876.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD022825AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FD049129.D

Aromatic C10-C12	6160252.000	40.000	4.076	5.794	154006.300	159020.606	3.153
Aromatic C12-C16	9402232.000	60.000	5.795	8.396	156703.867	160935.866	2.630
Aromatic C16-C21	11641914.000	80.000	8.397	12.661	145523.925	153359.309	5.109
Aromatic C21-C36	23657575.000	180.000	12.662	18.073	131430.972	143114.753	8.164
Aromatic EPH	50861973.000	360.000	4.076	18.073	141283.258	150128.823	5.892

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	28 Feb 2025 10:23
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049129.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.076	5.794	6160252.000	40.000	ug/ml
Aromatic C12-C16	5.795	8.396	9402232.000	60.000	ug/ml
Aromatic C16-C21	8.397	12.661	11641914.000	80.000	ug/ml
Aromatic C21-C36	12.662	18.073	23657575.000	180.000	ug/ml
Aromatic EPH	4.076	18.073	50861973.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD022825AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FD049139.D

Aromatic C10-C12	6813477.000	40.000	4.076	5.794	170336.925	159020.606	-7.116
Aromatic C12-C16	10472510.000	60.000	5.795	8.396	174541.833	160935.866	-8.454
Aromatic C16-C21	13024891.000	80.000	8.397	12.661	162811.138	153359.309	-6.163
Aromatic C21-C36	26617558.000	180.000	12.662	18.073	147875.322	143114.753	-3.326
Aromatic EPH	56928436.000	360.000	4.076	18.073	158134.544	150128.823	-5.333

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	28 Feb 2025 16:30
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049139.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.076	5.794	6813477.000	40.000	ug/ml
Aromatic C12-C16	5.795	8.396	10472510.000	60.000	ug/ml
Aromatic C16-C21	8.397	12.661	13024891.000	80.000	ug/ml
Aromatic C21-C36	12.662	18.073	26617558.000	180.000	ug/ml
Aromatic EPH	4.076	18.073	56928436.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD022825AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FD049149.D

Aromatic C10-C12	6973708.000	40.000	4.076	5.794	174342.700	159020.606	-9.635
Aromatic C12-C16	10519197.000	60.000	5.795	8.396	175319.950	160935.866	-8.938
Aromatic C16-C21	13182289.000	80.000	8.397	12.661	164778.613	153359.309	-7.446
Aromatic C21-C36	27715585.000	180.000	12.662	18.073	153975.472	143114.753	-7.589
Aromatic EPH	58390779.000	360.000	4.076	18.073	162196.608	150128.823	-8.038

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	28 Feb 2025 23:50
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049149.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.076	5.794	6973708.000	40.000	ug/ml
Aromatic C12-C16	5.795	8.396	10519197.000	60.000	ug/ml
Aromatic C16-C21	8.397	12.661	13182289.000	80.000	ug/ml
Aromatic C21-C36	12.662	18.073	27715585.000	180.000	ug/ml
Aromatic EPH	4.076	18.073	58390779.000	360.000	ug/ml



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
Data File : FC068325.D
Signal(s) : FID1A.ch
Acq On : 28 Feb 2025 12:50
Operator : YP/AJ
Sample : Q1415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
B-163-SB01

Integration File: autoint1.e
Quant Time: Mar 05 05:23:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.841	5678401	50.486 ug/ml
Spiked Amount	50.000	Recovery	= 100.97%

Target Compounds

(f)=RT Delta > 1/2 Window

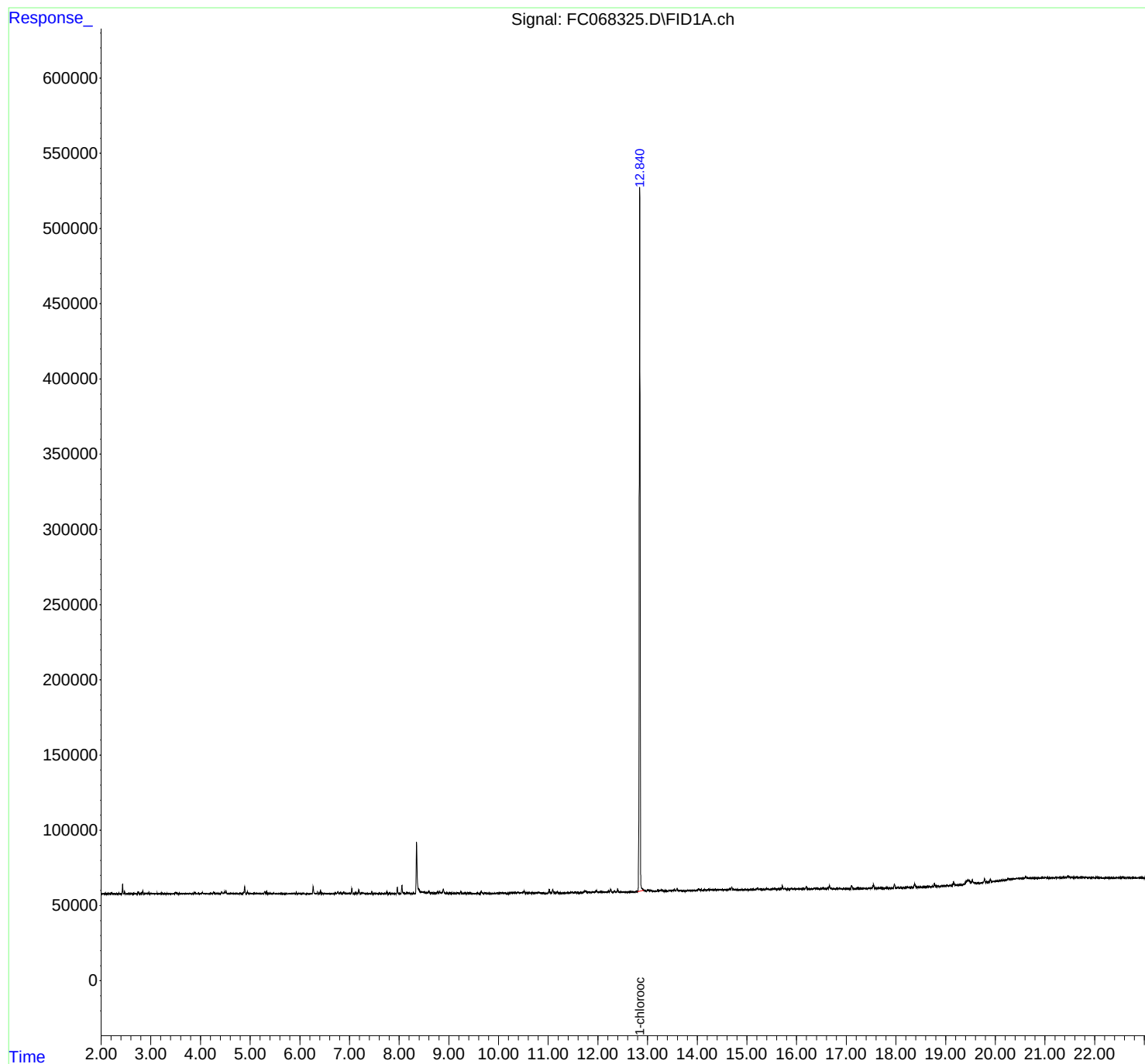
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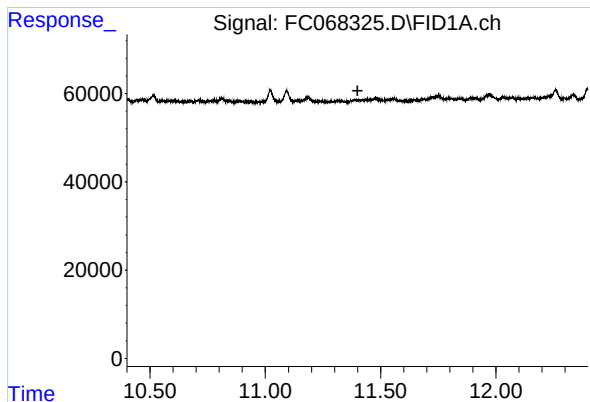
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Data File : FC068325.D
Signal(s) : FID1A.ch
Acq On : 28 Feb 2025 12:50
Operator : YP/AJ
Sample : Q1415-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
B-163-SB01

Integration File: autoint1.e
Quant Time: Mar 05 05:23:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

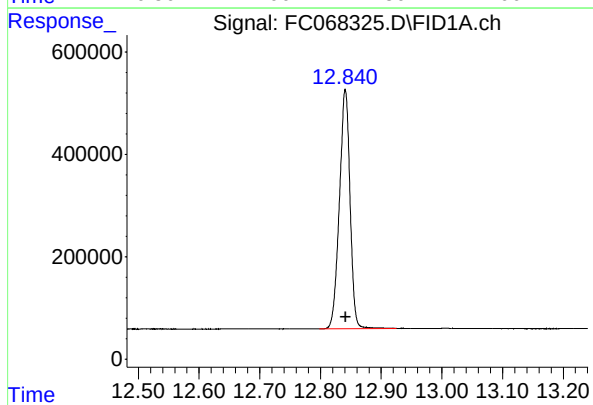




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.400 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
B-163-SB01



#12 1-chlorooctadecane (SURR)

R.T.: 12.841 min
Delta R.T.: 0.000 min
Response: 5678401
Conc: 50.49 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068325.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 12:50
 Sample : Q1415-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.359	2.304	2.411	BV	613	8860	0.15%	0.063%
2	2.432	2.411	2.454	VV	6596	51062	0.88%	0.364%
3	2.473	2.454	2.508	VV	934	9696	0.17%	0.069%
4	2.561	2.508	2.571	VV	402	4731	0.08%	0.034%
5	2.592	2.571	2.640	VV	269	4267	0.07%	0.030%
6	2.655	2.640	2.691	VV	372	5174	0.09%	0.037%
7	2.699	2.691	2.721	VV	113	1759	0.03%	0.013%
8	2.743	2.721	2.771	VV	978	15408	0.27%	0.110%
9	2.788	2.771	2.821	VV	417	6525	0.11%	0.047%
10	2.839	2.821	2.866	VV	2239	21089	0.36%	0.150%
11	2.918	2.866	2.938	VV	343	7582	0.13%	0.054%
12	2.961	2.938	2.984	VV	809	10077	0.17%	0.072%
13	2.995	2.984	3.010	VV	178	2391	0.04%	0.017%
14	3.027	3.010	3.036	VV	210	2322	0.04%	0.017%
15	3.049	3.036	3.071	VV	193	2623	0.05%	0.019%
16	3.082	3.071	3.088	VV	153	1066	0.02%	0.008%
17	3.129	3.088	3.151	VV	240	4358	0.08%	0.031%
18	3.163	3.151	3.181	VV	165	1999	0.03%	0.014%
19	3.208	3.181	3.278	VV	476	10240	0.18%	0.073%
20	3.301	3.278	3.330	VV	181	4462	0.08%	0.032%
21	3.341	3.330	3.358	VV	276	2494	0.04%	0.018%
22	3.369	3.358	3.454	VV	148	7097	0.12%	0.051%
23	3.466	3.454	3.470	VV	238	1643	0.03%	0.012%
24	3.499	3.470	3.544	VV	1329	20131	0.35%	0.144%
25	3.573	3.544	3.608	VV	387	6771	0.12%	0.048%
26	3.615	3.608	3.655	VV	209	3621	0.06%	0.026%
27	3.693	3.655	3.744	VV	211	7525	0.13%	0.054%
28	3.788	3.744	3.824	VV	235	6464	0.11%	0.046%
29	3.865	3.824	3.877	VV	507	7119	0.12%	0.051%
30	3.894	3.877	3.948	VV	1124	17405	0.30%	0.124%
31	3.960	3.948	3.988	VV	381	4741	0.08%	0.034%
32	4.040	3.988	4.101	VV	1017	21269	0.37%	0.152%
33	4.175	4.101	4.209	VV	240	10987	0.19%	0.078%
34	4.214	4.209	4.234	VV	272	2922	0.05%	0.021%
35	4.262	4.234	4.314	VV	1335	24813	0.43%	0.177%
36	4.328	4.314	4.343	VV	288	4129	0.07%	0.029%

					rt	ret	area	%area
37	4.374	4.343	4.394	VV	512	9130	0.16%	0.065%
38	4.428	4.394	4.447	VV	1495	20109	0.35%	0.143%
39	4.484	4.447	4.498	VV	1413	21110	0.37%	0.151%
40	4.513	4.498	4.562	VV	2316	30229	0.52%	0.216%
41	4.583	4.562	4.598	VV	359	6459	0.11%	0.046%
42	4.634	4.598	4.650	VV	382	9576	0.17%	0.068%
43	4.660	4.650	4.688	VV	332	6416	0.11%	0.046%
44	4.699	4.688	4.708	VV	246	2601	0.05%	0.019%
45	4.724	4.708	4.761	VV	455	6937	0.12%	0.049%
46	4.772	4.761	4.791	VV	174	2457	0.04%	0.018%
47	4.811	4.791	4.828	VV	502	7391	0.13%	0.053%
48	4.890	4.828	4.919	VV	4948	69081	1.20%	0.493%
49	4.945	4.919	4.980	VV	1244	20503	0.35%	0.146%
50	4.998	4.980	5.041	VV	482	8684	0.15%	0.062%
51	5.084	5.041	5.104	VV	478	10772	0.19%	0.077%
52	5.114	5.104	5.140	VV	353	5766	0.10%	0.041%
53	5.150	5.140	5.163	VV	351	3442	0.06%	0.025%
54	5.180	5.163	5.192	VV	331	4416	0.08%	0.031%
55	5.200	5.192	5.236	VV	270	5886	0.10%	0.042%
56	5.246	5.236	5.251	VV	237	1884	0.03%	0.013%
57	5.258	5.251	5.274	VV	301	3084	0.05%	0.022%
58	5.293	5.274	5.315	VV	1687	21986	0.38%	0.157%
59	5.331	5.315	5.371	VV	1817	23771	0.41%	0.170%
60	5.388	5.371	5.441	VV	630	11889	0.21%	0.085%
61	5.467	5.441	5.503	VV	468	10938	0.19%	0.078%
62	5.512	5.503	5.524	VV	130	1467	0.03%	0.010%
63	5.582	5.524	5.628	VV	515	13647	0.24%	0.097%
64	5.635	5.628	5.664	VV	241	3592	0.06%	0.026%
65	5.678	5.664	5.689	VV	183	2330	0.04%	0.017%
66	5.695	5.689	5.727	VV	177	2148	0.04%	0.015%
67	5.745	5.727	5.763	VV	212	2648	0.05%	0.019%
68	5.792	5.763	5.804	VV	203	3310	0.06%	0.024%
69	5.840	5.804	5.868	VV	449	9869	0.17%	0.070%
70	5.885	5.868	5.914	VV	501	8218	0.14%	0.059%
71	5.930	5.914	5.967	VV	931	12578	0.22%	0.090%
72	5.992	5.967	6.024	VV	458	8466	0.15%	0.060%
73	6.059	6.024	6.088	VV	435	9648	0.17%	0.069%
74	6.098	6.088	6.131	VV	156	2803	0.05%	0.020%
75	6.156	6.131	6.191	PV	182	4218	0.07%	0.030%
76	6.269	6.191	6.330	VV	4874	63897	1.11%	0.456%
77	6.352	6.330	6.374	VV	923	11248	0.19%	0.080%
78	6.417	6.374	6.438	VV	1484	24160	0.42%	0.172%
79	6.450	6.438	6.469	VV	576	6171	0.11%	0.044%
80	6.490	6.469	6.511	VV	733	7802	0.13%	0.056%
81	6.541	6.511	6.566	VV	185	3391	0.06%	0.024%
82	6.589	6.566	6.625	VV	221	5133	0.09%	0.037%
83	6.641	6.625	6.652	VV	193	2687	0.05%	0.019%
84	6.662	6.652	6.684	VV	222	2802	0.05%	0.020%
85	6.709	6.684	6.734	VV	830	10266	0.18%	0.073%
86	6.761	6.734	6.794	VV	1115	20949	0.36%	0.149%
87	6.821	6.794	6.851	VV	850	19219	0.33%	0.137%
88	6.887	6.851	6.909	VV	1424	23279	0.40%	0.166%
89	6.927	6.909	6.946	VV	377	5156	0.09%	0.037%

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90	6.968	6.946	6.981	VV	491	6504	0.11%	0.046%	
91	6.990	6.981	7.011	VV	409	4994	0.09%	0.036%	
92	7.048	7.011	7.081	VV	3509	41492	0.72%	0.296%	
93	7.107	7.081	7.141	VV	510	12722	0.22%	0.091%	
94	7.155	7.141	7.168	VV	708	8120	0.14%	0.058%	
95	7.189	7.168	7.231	VV	2906	39034	0.68%	0.278%	
96	7.252	7.231	7.265	VV	606	9396	0.16%	0.067%	
97	7.279	7.265	7.305	VV	753	9689	0.17%	0.069%	
98	7.315	7.305	7.334	VV	254	3253	0.06%	0.023%	
99	7.358	7.334	7.386	VV	266	5613	0.10%	0.040%	
100	7.397	7.386	7.426	VV	182	3244	0.06%	0.023%	
101	7.448	7.426	7.481	PV	1485	16470	0.28%	0.117%	
102	7.501	7.481	7.574	VV	383	13462	0.23%	0.096%	
103	7.612	7.574	7.629	VV	394	8027	0.14%	0.057%	
104	7.641	7.629	7.654	VV	387	4217	0.07%	0.030%	
105	7.665	7.654	7.683	VV	337	4030	0.07%	0.029%	
106	7.708	7.683	7.728	VV	514	6559	0.11%	0.047%	
107	7.753	7.728	7.787	VV	1386	17456	0.30%	0.125%	
108	7.809	7.787	7.828	VV	1116	12373	0.21%	0.088%	
109	7.844	7.828	7.864	VV	284	4439	0.08%	0.032%	
110	7.877	7.864	7.896	VV	494	5610	0.10%	0.040%	
111	7.909	7.896	7.937	VV	229	3269	0.06%	0.023%	
112	7.963	7.937	8.028	VV	4398	54897	0.95%	0.392%	
113	8.056	8.028	8.131	VV	5614	74816	1.29%	0.534%	
114	8.162	8.131	8.187	VV	655	16297	0.28%	0.116%	
115	8.203	8.187	8.225	VV	566	8679	0.15%	0.062%	
116	8.248	8.225	8.270	VV	486	7172	0.12%	0.051%	
117	8.288	8.270	8.324	VV	639	8961	0.16%	0.064%	
118	8.352	8.324	8.448	VV	34221	527163	9.12%	3.760%	
119	8.460	8.448	8.489	VV	1230	27567	0.48%	0.197%	
120	8.512	8.489	8.531	VV	1167	26518	0.46%	0.189%	
121	8.543	8.531	8.561	VV	1103	16238	0.28%	0.116%	
122	8.593	8.561	8.634	VV	1623	41958	0.73%	0.299%	
123	8.655	8.634	8.689	VV	740	15193	0.26%	0.108%	
124	8.707	8.689	8.733	VV	629	10523	0.18%	0.075%	
125	8.773	8.733	8.793	VV	1459	25250	0.44%	0.180%	
126	8.812	8.793	8.825	VV	1305	17229	0.30%	0.123%	
127	8.833	8.825	8.856	VV	873	13770	0.24%	0.098%	
128	8.890	8.856	8.924	VV	3235	60105	1.04%	0.429%	
129	8.934	8.924	8.941	VV	315	2620	0.05%	0.019%	
130	8.963	8.941	8.984	VV	945	12964	0.22%	0.092%	
131	9.012	8.984	9.033	VV	617	9777	0.17%	0.070%	
132	9.063	9.033	9.074	VV	322	6041	0.10%	0.043%	
133	9.093	9.074	9.141	VV	379	11745	0.20%	0.084%	
134	9.177	9.141	9.214	VV	678	17765	0.31%	0.127%	
135	9.241	9.214	9.280	VV	1494	23859	0.41%	0.170%	
136	9.313	9.280	9.355	VV	341	10048	0.17%	0.072%	
137	9.381	9.355	9.410	VV	665	10526	0.18%	0.075%	
138	9.434	9.410	9.493	VV	625	12816	0.22%	0.091%	
139	9.497	9.493	9.517	VV	196	1926	0.03%	0.014%	
140	9.525	9.517	9.551	VV	190	2066	0.04%	0.015%	
141	9.575	9.551	9.630	VV	505	10853	0.19%	0.077%	

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142	9.653	9.630	9.699	VV	1706	26557	0.46%	0.189%
143	9.724	9.699	9.741	VV	488	9147	0.16%	0.065%
144	9.750	9.741	9.781	VV	418	7603	0.13%	0.054%
145	9.798	9.781	9.847	VV	332	8321	0.14%	0.059%
146	9.868	9.847	9.878	VV	78	1167	0.02%	0.008%
147	9.926	9.878	9.944	PV	306	7277	0.13%	0.052%
148	9.969	9.944	9.991	VV	534	9727	0.17%	0.069%
149	10.002	9.991	10.008	VV	313	2793	0.05%	0.020%
150	10.044	10.008	10.062	VV	654	14312	0.25%	0.102%
151	10.080	10.062	10.101	VV	677	10108	0.17%	0.072%
152	10.126	10.101	10.151	VV	449	10070	0.17%	0.072%
153	10.158	10.151	10.190	VV	401	4957	0.09%	0.035%
154	10.208	10.190	10.218	VV	229	2784	0.05%	0.020%
155	10.250	10.218	10.265	VV	649	9984	0.17%	0.071%
156	10.284	10.265	10.303	VV	526	9798	0.17%	0.070%
157	10.327	10.303	10.350	VV	661	13270	0.23%	0.095%
158	10.389	10.350	10.428	VV	1028	27196	0.47%	0.194%
159	10.469	10.428	10.487	VV	671	20091	0.35%	0.143%
160	10.514	10.487	10.538	VV	1705	28850	0.50%	0.206%
161	10.549	10.538	10.571	VV	394	6463	0.11%	0.046%
162	10.604	10.571	10.628	VV	389	10881	0.19%	0.078%
163	10.673	10.628	10.688	VV	300	8658	0.15%	0.062%
164	10.710	10.688	10.734	VV	493	9265	0.16%	0.066%
165	10.813	10.734	10.834	VV	906	25483	0.44%	0.182%
166	10.843	10.834	10.860	VV	360	3524	0.06%	0.025%
167	10.884	10.860	10.911	PV	249	5178	0.09%	0.037%
168	10.917	10.911	10.929	VV	133	1207	0.02%	0.009%
169	10.937	10.929	10.954	VV	91	1039	0.02%	0.007%
170	10.964	10.954	10.974	VV	94	838	0.01%	0.006%
171	11.022	10.974	11.057	VV	2719	40771	0.71%	0.291%
172	11.092	11.057	11.122	VV	2629	39908	0.69%	0.285%
173	11.139	11.122	11.151	VV	381	5427	0.09%	0.039%
174	11.184	11.151	11.223	VV	1055	20686	0.36%	0.148%
175	11.234	11.223	11.274	VV	173	2931	0.05%	0.021%
176	11.314	11.274	11.351	PV	207	5372	0.09%	0.038%
177	11.447	11.351	11.461	VV	432	21086	0.36%	0.150%
178	11.478	11.461	11.512	VV	762	14643	0.25%	0.104%
179	11.553	11.512	11.621	VV	571	17594	0.30%	0.126%
180	11.686	11.621	11.697	VV	485	12527	0.22%	0.089%
181	11.752	11.697	11.781	VV	1175	37589	0.65%	0.268%
182	11.799	11.781	11.821	VV	598	11681	0.20%	0.083%
183	11.836	11.821	11.874	VV	481	10945	0.19%	0.078%
184	11.891	11.874	11.901	VV	608	7947	0.14%	0.057%
185	11.911	11.901	11.931	VV	564	8079	0.14%	0.058%
186	11.972	11.931	12.014	VV	1355	36262	0.63%	0.259%
187	12.032	12.014	12.054	VV	716	12910	0.22%	0.092%
188	12.070	12.054	12.118	VV	683	15998	0.28%	0.114%
189	12.165	12.118	12.187	VV	562	17682	0.31%	0.126%
190	12.259	12.187	12.311	VV	2252	59733	1.03%	0.426%
191	12.336	12.311	12.368	VV	1204	18787	0.33%	0.134%
192	12.396	12.368	12.418	VV	2473	33484	0.58%	0.239%
193	12.428	12.418	12.447	VV	444	6225	0.11%	0.044%
194	12.461	12.447	12.498	VV	491	10018	0.17%	0.071%

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195	12.512	12.498	12.528	VV	367	4918	0.09%	0.035%
196	12.537	12.528	12.574	VV	315	5098	0.09%	0.036%
197	12.668	12.608	12.704	VV	470	17721	0.31%	0.126%
198	12.718	12.704	12.737	VV	388	5535	0.10%	0.039%
199	12.761	12.737	12.777	VV	575	9046	0.16%	0.065%
200	12.841	12.777	12.982	VV	468001	5779505	100.00%	41.225%
201	13.007	12.982	13.044	VV	1488	38522	0.67%	0.275%
202	13.070	13.044	13.100	VV	1067	29032	0.50%	0.207%
203	13.115	13.100	13.183	VV	681	29127	0.50%	0.208%
204	13.222	13.183	13.251	VV	816	28740	0.50%	0.205%
205	13.285	13.251	13.341	VV	1087	44371	0.77%	0.316%
206	13.353	13.341	13.378	VV	606	11931	0.21%	0.085%
207	13.389	13.378	13.405	VV	575	8869	0.15%	0.063%
208	13.444	13.405	13.482	VV	931	32756	0.57%	0.234%
209	13.502	13.482	13.511	VV	726	11515	0.20%	0.082%
210	13.539	13.511	13.561	VV	1303	27628	0.48%	0.197%
211	13.594	13.561	13.632	VV	2283	48854	0.85%	0.348%
212	13.653	13.632	13.664	VV	744	12210	0.21%	0.087%
213	13.672	13.664	13.712	VV	645	14487	0.25%	0.103%
214	13.722	13.712	13.764	VV	459	11380	0.20%	0.081%
215	13.828	13.764	13.871	VV	800	38343	0.66%	0.274%
216	13.887	13.871	13.911	VV	617	13959	0.24%	0.100%
217	13.919	13.911	13.942	VV	617	10429	0.18%	0.074%
218	13.953	13.942	13.964	VV	608	7250	0.13%	0.052%
219	14.030	13.964	14.109	VV	1786	79026	1.37%	0.564%
220	14.155	14.109	14.194	VV	1177	39498	0.68%	0.282%
221	14.215	14.194	14.264	VV	921	34561	0.60%	0.247%
222	14.275	14.264	14.283	VV	912	9807	0.17%	0.070%
223	14.291	14.283	14.314	VV	936	15360	0.27%	0.110%
224	14.321	14.314	14.334	VV	760	8457	0.15%	0.060%
225	14.361	14.334	14.381	VV	942	23054	0.40%	0.164%
226	14.406	14.381	14.428	VV	942	24472	0.42%	0.175%
227	14.467	14.428	14.487	VV	981	31349	0.54%	0.224%
228	14.502	14.487	14.518	VV	900	15030	0.26%	0.107%
229	14.551	14.518	14.584	VV	966	31330	0.54%	0.223%
230	14.595	14.584	14.625	VV	781	16730	0.29%	0.119%
231	14.653	14.625	14.671	VV	1300	27663	0.48%	0.197%
232	14.694	14.671	14.734	VV	2540	52740	0.91%	0.376%
233	14.750	14.734	14.788	VV	868	23588	0.41%	0.168%
234	14.801	14.788	14.851	VV	616	18287	0.32%	0.130%
235	14.894	14.851	15.018	VV	820	63696	1.10%	0.454%
236	15.073	15.018	15.088	VV	654	24336	0.42%	0.174%
237	15.114	15.088	15.152	VV	842	26968	0.47%	0.192%
238	15.213	15.152	15.241	VV	1573	45777	0.79%	0.327%
239	15.263	15.241	15.321	VV	945	32751	0.57%	0.234%
240	15.338	15.321	15.358	VV	587	12342	0.21%	0.088%
241	15.362	15.358	15.371	VV	598	4396	0.08%	0.031%
242	15.394	15.371	15.471	VV	861	41244	0.71%	0.294%
243	15.479	15.471	15.487	VV	602	5351	0.09%	0.038%
244	15.531	15.487	15.544	VV	932	27024	0.47%	0.193%
245	15.568	15.544	15.652	VV	952	48374	0.84%	0.345%
246	15.673	15.652	15.686	VV	953	16552	0.29%	0.118%

					rteres			
247	15.713	15.686	15.739	VV	2535	45530	0.79%	0.325%
248	15.760	15.739	15.821	VV	1045	32403	0.56%	0.231%
249	15.900	15.821	15.920	VV	813	32509	0.56%	0.232%
250	15.931	15.920	15.949	VV	633	9804	0.17%	0.070%
251	15.958	15.949	15.979	VV	521	8394	0.15%	0.060%
252	16.032	15.979	16.062	VV	748	29982	0.52%	0.214%
253	16.068	16.062	16.129	VV	661	21465	0.37%	0.153%
254	16.154	16.129	16.168	VV	556	11565	0.20%	0.082%
255	16.194	16.168	16.222	VV	1723	32415	0.56%	0.231%
256	16.235	16.222	16.278	VV	777	19662	0.34%	0.140%
257	16.288	16.278	16.324	VV	559	12127	0.21%	0.087%
258	16.352	16.324	16.408	VV	787	30765	0.53%	0.219%
259	16.418	16.408	16.461	VV	802	18286	0.32%	0.130%
260	16.502	16.461	16.518	VV	677	19080	0.33%	0.136%
261	16.526	16.518	16.534	VV	661	6270	0.11%	0.045%
262	16.538	16.534	16.569	VV	693	12158	0.21%	0.087%
263	16.579	16.569	16.599	VV	570	8985	0.16%	0.064%
264	16.627	16.599	16.637	VV	885	13870	0.24%	0.099%
265	16.661	16.637	16.735	VV	2594	54668	0.95%	0.390%
266	16.768	16.735	16.787	VV	408	10397	0.18%	0.074%
267	16.815	16.787	16.858	VV	562	17387	0.30%	0.124%
268	16.873	16.858	16.904	VV	546	9754	0.17%	0.070%
269	16.945	16.904	16.967	VV	405	9717	0.17%	0.069%
270	16.982	16.967	17.022	VV	388	9776	0.17%	0.070%
271	17.041	17.022	17.068	VV	451	6732	0.12%	0.048%
272	17.110	17.068	17.174	VV	2245	43669	0.76%	0.311%
273	17.222	17.174	17.240	VV	420	13252	0.23%	0.095%
274	17.256	17.240	17.279	VV	460	8181	0.14%	0.058%
275	17.291	17.279	17.322	VV	304	5824	0.10%	0.042%
276	17.391	17.322	17.418	VV	375	14669	0.25%	0.105%
277	17.431	17.418	17.468	VV	296	7225	0.13%	0.052%
278	17.546	17.468	17.624	VV	2918	65236	1.13%	0.465%
279	17.632	17.624	17.640	VV	226	1864	0.03%	0.013%
280	17.685	17.640	17.754	VV	575	23608	0.41%	0.168%
281	17.768	17.754	17.791	VV	267	2756	0.05%	0.020%
282	17.841	17.791	17.888	VV	387	13192	0.23%	0.094%
283	17.969	17.888	18.005	PV	2847	52002	0.90%	0.371%
284	18.028	18.005	18.081	VV	456	11287	0.20%	0.081%
285	18.091	18.081	18.124	VV	307	5570	0.10%	0.040%
286	18.165	18.124	18.186	VV	201	5380	0.09%	0.038%
287	18.240	18.186	18.301	VV	443	17598	0.30%	0.126%
288	18.378	18.301	18.434	VV	2493	55365	0.96%	0.395%
289	18.455	18.434	18.486	VV	337	6823	0.12%	0.049%
290	18.505	18.486	18.524	VV	353	5721	0.10%	0.041%
291	18.540	18.524	18.571	VV	317	5903	0.10%	0.042%
292	18.577	18.571	18.588	VV	186	1448	0.03%	0.010%
293	18.631	18.588	18.654	VV	319	5913	0.10%	0.042%
294	18.665	18.654	18.701	VV	297	5002	0.09%	0.036%
295	18.728	18.701	18.748	PV	296	3632	0.06%	0.026%
296	18.776	18.748	18.834	VV	2048	35746	0.62%	0.255%
297	18.852	18.834	18.890	VV	252	6165	0.11%	0.044%
298	19.021	18.890	19.054	VV	489	28547	0.49%	0.204%
299	19.064	19.054	19.105	VV	333	9049	0.16%	0.065%

					rteres			
300	19.161	19.105	19.235	VV	2397	62617	1.08%	0.447%
301	19.449	19.235	19.514	VV	3103	225038	3.89%	1.605%
302	19.537	19.514	19.624	VV	2848	102140	1.77%	0.729%
303	19.637	19.624	19.652	VV	944	14144	0.24%	0.101%
304	19.782	19.652	19.844	VV	3174	149020	2.58%	1.063%
305	19.901	19.844	19.934	VV	2623	89620	1.55%	0.639%
306	19.956	19.934	19.991	VV	1654	52863	0.91%	0.377%
307	20.166	19.991	20.178	VV	2039	195076	3.38%	1.391%
308	20.260	20.178	20.283	VV	2715	140350	2.43%	1.001%
309	20.438	20.283	20.467	VV	2822	279695	4.84%	1.995%
310	20.476	20.467	20.505	VV	2692	60173	1.04%	0.429%
311	20.511	20.505	20.518	VV	2570	20243	0.35%	0.144%
312	20.611	20.518	20.681	VV	3578	268862	4.65%	1.918%
313	20.685	20.681	20.698	VV	2542	24912	0.43%	0.178%
314	20.710	20.698	20.771	VV	2580	107308	1.86%	0.765%
315	20.783	20.771	20.802	VV	2376	43756	0.76%	0.312%
316	20.815	20.802	20.834	VV	2414	46177	0.80%	0.329%
317	20.850	20.834	20.878	VV	2337	59543	1.03%	0.425%
318	20.900	20.878	20.913	VV	2276	48510	0.84%	0.346%
319	20.951	20.913	20.971	VV	2263	76403	1.32%	0.545%
320	21.008	20.971	21.074	VV	2342	132377	2.29%	0.944%
321	21.089	21.074	21.112	VV	2050	45723	0.79%	0.326%
322	21.169	21.112	21.188	VV	1994	87712	1.52%	0.626%
323	21.232	21.188	21.264	VV	1923	85314	1.48%	0.609%
324	21.279	21.264	21.308	VV	1808	45713	0.79%	0.326%
325	21.314	21.308	21.328	VV	1773	20643	0.36%	0.147%
326	21.369	21.328	21.384	VV	1739	57279	0.99%	0.409%
327	21.464	21.384	21.531	VV	2449	156737	2.71%	1.118%
328	21.557	21.531	21.576	VV	1481	38496	0.67%	0.275%
329	21.593	21.576	21.691	VV	1440	88152	1.53%	0.629%
330	21.702	21.691	21.708	VV	1174	11898	0.21%	0.085%
331	21.743	21.708	21.768	VV	1187	39812	0.69%	0.284%
332	21.792	21.768	21.944	VV	1038	82649	1.43%	0.590%
333	21.978	21.944	21.994	VV	595	16134	0.28%	0.115%
334	22.001	21.994	22.018	VV	506	6074	0.11%	0.043%
335	22.026	22.018	22.044	VV	436	5964	0.10%	0.043%
336	22.064	22.044	22.081	VV	444	7071	0.12%	0.050%
337	22.088	22.081	22.124	VV	310	5667	0.10%	0.040%
338	22.137	22.124	22.171	VV	239	3572	0.06%	0.025%

Sum of corrected areas: 14019342

Aliphatic EPH 021125.M Sat Mar 01 01:26:01 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049133.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 12:50
 Operator : YP/AJ
 Sample : Q1415-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-163-SB01

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Mar 01 02:18:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.351	7340019	51.290 ug/ml
Spiked Amount 50.000		Recovery =	102.58%
6) S 2-Fluorobiphenyl (SURR)	8.202	4052606	46.099 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.20%
11) S ortho-Terphenyl (SURR)	11.236	8287576	51.229 ug/ml
Spiked Amount 50.000		Recovery =	102.46%

Target Compounds

(f)=RT Delta > 1/2 Window

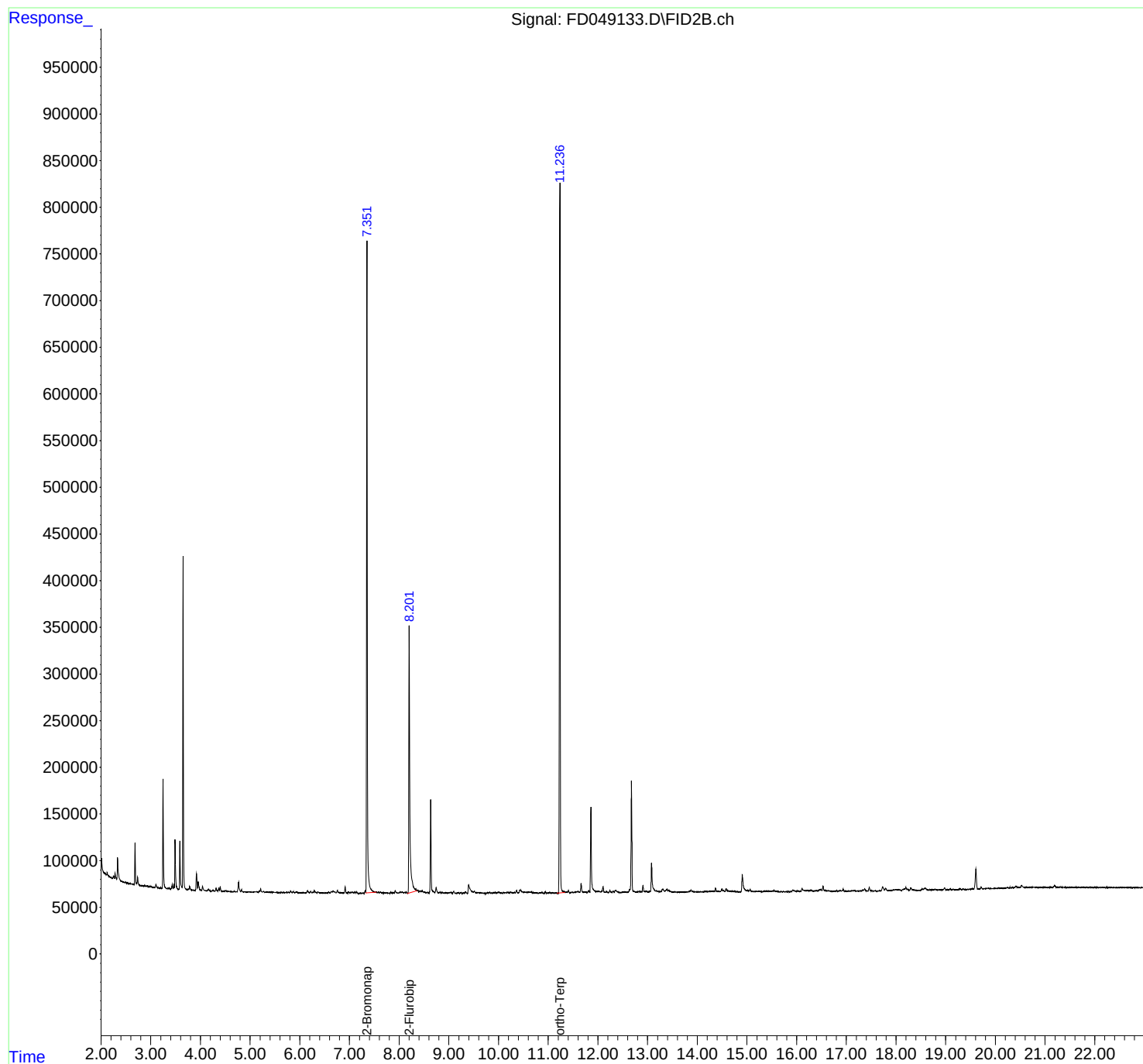
(m)=manual int.

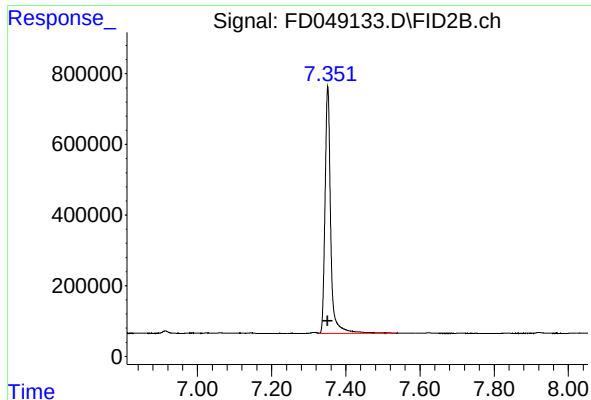
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
Data File : FD049133.D
Signal(s) : FID2B.ch
Acq On : 28 Feb 2025 12:50
Operator : YP/AJ
Sample : Q1415-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
B-163-SB01

Integration File: autoint1.e
Quant Time: Mar 01 02:18:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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

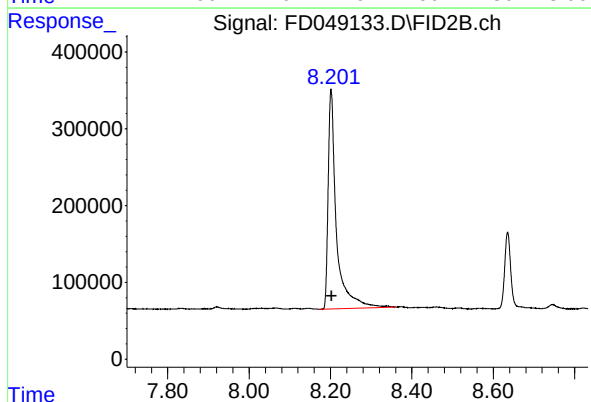




#4 2-Bromonaphthalene (SURR)

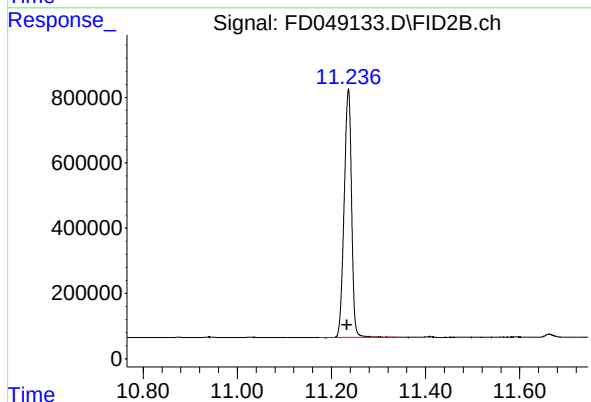
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 7340019
Conc: 51.29 ug/ml

Instrument :
FID_D
ClientSampleId :
B-163-SB01



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 4052606
Conc: 46.10 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.236 min
Delta R.T.: 0.003 min
Response: 8287576
Conc: 51.23 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049133.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 12:50
 Sample : Q1415-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: sample.E

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.159	4.132	4.210	PV	1936	28925	0.35%	0.086%
2	4.215	4.210	4.228	VV	206	1371	0.02%	0.004%
3	4.261	4.228	4.293	PV	824	13216	0.16%	0.039%
4	4.315	4.293	4.338	VV	3534	42505	0.51%	0.126%
5	4.344	4.338	4.354	VV	952	8526	0.10%	0.025%
6	4.369	4.354	4.383	VV	3792	37800	0.45%	0.112%
7	4.398	4.383	4.437	VV	5168	58341	0.70%	0.173%
8	4.451	4.437	4.458	VV	353	2895	0.03%	0.009%
9	4.464	4.458	4.468	VV	375	1836	0.02%	0.005%
10	4.485	4.468	4.500	VV	911	12759	0.15%	0.038%
11	4.512	4.500	4.545	VV	1101	14992	0.18%	0.045%
12	4.550	4.545	4.554	VV	414	1652	0.02%	0.005%
13	4.556	4.554	4.567	VV	344	1575	0.02%	0.005%
14	4.580	4.567	4.625	VV	529	9777	0.12%	0.029%
15	4.690	4.649	4.704	PV	702	8501	0.10%	0.025%
16	4.710	4.704	4.720	VV	348	2817	0.03%	0.008%
17	4.727	4.720	4.737	VV	349	2805	0.03%	0.008%
18	4.767	4.737	4.812	VV	10813	161198	1.93%	0.479%
19	4.826	4.812	4.875	VV	2677	35054	0.42%	0.104%
20	4.879	4.875	4.912	VV	380	4674	0.06%	0.014%
21	4.916	4.912	4.929	VV	185	1602	0.02%	0.005%
22	4.934	4.929	4.952	VV	177	2039	0.02%	0.006%
23	4.963	4.952	5.000	VV	554	7417	0.09%	0.022%
24	5.013	5.010	5.042	VV	182	1749	0.02%	0.005%
25	5.059	5.042	5.069	VV	257	2329	0.03%	0.007%
26	5.097	5.069	5.100	VV	483	5900	0.07%	0.018%
27	5.107	5.100	5.114	VV	513	3535	0.04%	0.011%
28	5.119	5.114	5.125	VV	463	2949	0.04%	0.009%
29	5.138	5.125	5.164	VV	606	9139	0.11%	0.027%
30	5.186	5.164	5.195	VV	1258	14210	0.17%	0.042%
31	5.213	5.195	5.252	VV	3867	49815	0.60%	0.148%
32	5.270	5.252	5.302	VV	1176	17421	0.21%	0.052%
33	5.308	5.302	5.322	VV	363	3293	0.04%	0.010%
34	5.330	5.322	5.349	VV	569	7480	0.09%	0.022%
35	5.361	5.349	5.400	VV	378	7851	0.09%	0.023%
36	5.415	5.400	5.441	VV	379	5904	0.07%	0.018%

					rt	Area	%Area	%Area
37	5.468	5.441	5.485	VV	578	8423	0.10%	0.025%
38	5.493	5.485	5.507	VV	298	2425	0.03%	0.007%
39	5.522	5.507	5.530	VV	457	2961	0.04%	0.009%
40	5.540	5.530	5.549	VV	200	2204	0.03%	0.007%
41	5.553	5.549	5.560	VV	266	1011	0.01%	0.003%
42	5.572	5.569	5.599	VV	313	1193	0.01%	0.004%
43	5.638	5.626	5.652	VV	231	2061	0.02%	0.006%
44	5.662	5.652	5.668	VV	345	2274	0.03%	0.007%
45	5.677	5.668	5.703	VV	311	3842	0.05%	0.011%
46	5.724	5.703	5.731	VV	531	5052	0.06%	0.015%
47	5.736	5.731	5.749	VV	416	3130	0.04%	0.009%
48	5.754	5.749	5.757	VV	364	1165	0.01%	0.003%
49	5.771	5.757	5.798	VV	708	10209	0.12%	0.030%
50	5.813	5.798	5.855	VV	1710	28094	0.34%	0.084%
51	5.871	5.855	5.902	VV	1388	17749	0.21%	0.053%
52	5.937	5.902	5.975	VV	996	22658	0.27%	0.067%
53	5.987	5.975	5.992	VV	340	1962	0.02%	0.006%
54	5.998	5.992	6.007	VV	287	1329	0.02%	0.004%
55	6.014	6.007	6.027	VV	216	1203	0.01%	0.004%
56	6.035	6.027	6.047	VV	134	1159	0.01%	0.003%
57	6.064	6.047	6.072	VV	366	2966	0.04%	0.009%
58	6.077	6.072	6.085	VV	251	1116	0.01%	0.003%
59	6.089	6.085	6.103	VV	172	1081	0.01%	0.003%
60	6.111	6.103	6.119	PV	286	1877	0.02%	0.006%
61	6.121	6.119	6.131	VV	246	1404	0.02%	0.004%
62	6.153	6.131	6.195	VV	2539	38613	0.46%	0.115%
63	6.221	6.195	6.245	VV	1923	26313	0.32%	0.078%
64	6.266	6.245	6.276	VV	991	12084	0.14%	0.036%
65	6.293	6.276	6.318	VV	2961	39059	0.47%	0.116%
66	6.323	6.318	6.346	VV	1023	9751	0.12%	0.029%
67	6.364	6.346	6.430	VV	1446	25301	0.30%	0.075%
68	6.446	6.430	6.464	VV	285	3589	0.04%	0.011%
69	6.477	6.464	6.489	VV	260	2668	0.03%	0.008%
70	6.505	6.489	6.519	VV	454	5107	0.06%	0.015%
71	6.522	6.519	6.534	VV	325	2168	0.03%	0.006%
72	6.548	6.534	6.557	VV	337	3223	0.04%	0.010%
73	6.579	6.557	6.611	VV	1696	22460	0.27%	0.067%
74	6.631	6.611	6.652	VV	1920	32313	0.39%	0.096%
75	6.677	6.652	6.693	VV	2330	43758	0.53%	0.130%
76	6.703	6.693	6.729	VV	1778	24366	0.29%	0.072%
77	6.757	6.729	6.797	VV	3172	56085	0.67%	0.167%
78	6.802	6.797	6.827	VV	834	10146	0.12%	0.030%
79	6.835	6.827	6.847	VV	659	7001	0.08%	0.021%
80	6.859	6.847	6.880	VV	802	11599	0.14%	0.034%
81	6.913	6.880	6.955	VV	7178	89569	1.07%	0.266%
82	6.987	6.955	7.012	VV	1460	30215	0.36%	0.090%
83	7.025	7.012	7.039	VV	1536	18997	0.23%	0.056%
84	7.048	7.039	7.054	VV	1197	9513	0.11%	0.028%
85	7.061	7.054	7.085	VV	1650	22200	0.27%	0.066%
86	7.114	7.085	7.131	VV	1489	28528	0.34%	0.085%
87	7.145	7.131	7.184	VV	1716	21777	0.26%	0.065%
88	7.211	7.184	7.215	PV	439	5388	0.06%	0.016%
89	7.222	7.215	7.245	VV	522	7048	0.08%	0.021%

					rteres			
90	7.252	7.245	7.285	VV	559	8964	0.11%	0.027%
91	7.315	7.285	7.328	VV	3104	37990	0.46%	0.113%
92	7.351	7.328	7.506	VV	699744	7429792	89.15%	22.090%
93	7.512	7.506	7.535	VV	1693	26497	0.32%	0.079%
94	7.539	7.535	7.567	VV	1452	23609	0.28%	0.070%
95	7.578	7.567	7.603	VV	1326	23660	0.28%	0.070%
96	7.624	7.603	7.655	VV	2008	35351	0.42%	0.105%
97	7.659	7.655	7.666	VV	724	4152	0.05%	0.012%
98	7.670	7.666	7.675	VV	678	3621	0.04%	0.011%
99	7.680	7.675	7.695	VV	1024	7412	0.09%	0.022%
100	7.712	7.695	7.731	VV	905	14847	0.18%	0.044%
101	7.740	7.731	7.747	VV	706	5398	0.06%	0.016%
102	7.751	7.747	7.772	VV	670	7331	0.09%	0.022%
103	7.780	7.772	7.795	VV	454	5082	0.06%	0.015%
104	7.801	7.795	7.807	VV	554	2892	0.03%	0.009%
105	7.813	7.807	7.817	VV	570	2762	0.03%	0.008%
106	7.834	7.817	7.854	VV	1356	18380	0.22%	0.055%
107	7.894	7.854	7.901	VV	756	17005	0.20%	0.051%
108	7.921	7.901	7.942	VV	3255	42342	0.51%	0.126%
109	7.948	7.942	7.987	VV	1063	18467	0.22%	0.055%
110	8.032	7.987	8.047	VV	1496	36020	0.43%	0.107%
111	8.067	8.047	8.095	VV	1701	33777	0.41%	0.100%
112	8.112	8.095	8.130	VV	1280	19836	0.24%	0.059%
113	8.146	8.130	8.174	VV	1405	20653	0.25%	0.061%
114	8.202	8.174	8.361	VV	285793	4235668	50.83%	12.593%
115	8.375	8.361	8.394	VV	3426	59289	0.71%	0.176%
116	8.425	8.394	8.442	VV	2681	68876	0.83%	0.205%
117	8.460	8.442	8.499	VV	3286	79816	0.96%	0.237%
118	8.515	8.499	8.544	VV	1924	33769	0.41%	0.100%
119	8.566	8.544	8.602	VV	1353	33704	0.40%	0.100%
120	8.635	8.602	8.719	VV	100549	1120699	13.45%	3.332%
121	8.746	8.719	8.787	VV	6335	111238	1.33%	0.331%
122	8.791	8.787	8.803	VV	793	7002	0.08%	0.021%
123	8.822	8.803	8.845	VV	1687	26134	0.31%	0.078%
124	8.869	8.845	8.898	VV	1347	28044	0.34%	0.083%
125	8.908	8.898	8.920	VV	637	7378	0.09%	0.022%
126	8.949	8.920	9.000	VV	1006	29746	0.36%	0.088%
127	9.020	9.000	9.027	VV	1127	13701	0.16%	0.041%
128	9.040	9.027	9.054	VV	1186	13358	0.16%	0.040%
129	9.058	9.054	9.076	VV	413	5341	0.06%	0.016%
130	9.096	9.076	9.141	VV	2448	38373	0.46%	0.114%
131	9.174	9.141	9.187	VV	758	11130	0.13%	0.033%
132	9.194	9.187	9.219	VV	609	8908	0.11%	0.026%
133	9.241	9.219	9.270	VV	1002	15414	0.18%	0.046%
134	9.301	9.270	9.309	VV	591	8952	0.11%	0.027%
135	9.338	9.309	9.359	VV	1864	29312	0.35%	0.087%
136	9.361	9.359	9.372	VV	652	3527	0.04%	0.010%
137	9.398	9.372	9.497	VV	9338	282105	3.39%	0.839%
138	9.514	9.497	9.566	VV	2661	54537	0.65%	0.162%
139	9.585	9.566	9.630	VV	1151	31658	0.38%	0.094%
140	9.650	9.630	9.672	VV	758	13808	0.17%	0.041%
141	9.682	9.672	9.720	VV	480	8004	0.10%	0.024%

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142	9.726	9.720	9.754	VV	328	4221	0.05%	0.013%
143	9.763	9.754	9.768	VV	592	3919	0.05%	0.012%
144	9.782	9.768	9.798	VV	730	10511	0.13%	0.031%
145	9.819	9.798	9.845	VV	1293	22048	0.26%	0.066%
146	9.856	9.845	9.869	VV	599	6477	0.08%	0.019%
147	9.881	9.869	9.895	VV	699	9745	0.12%	0.029%
148	9.904	9.895	9.919	VV	975	11451	0.14%	0.034%
149	9.930	9.919	9.959	VV	1058	18592	0.22%	0.055%
150	9.972	9.959	9.982	VV	952	11981	0.14%	0.036%
151	9.989	9.982	9.997	VV	1117	8685	0.10%	0.026%
152	10.012	9.997	10.035	VV	1742	23756	0.29%	0.071%
153	10.048	10.035	10.077	VV	709	10699	0.13%	0.032%
154	10.102	10.077	10.114	VV	1282	18169	0.22%	0.054%
155	10.134	10.114	10.160	VV	1167	21524	0.26%	0.064%
156	10.178	10.160	10.205	VV	1432	27743	0.33%	0.082%
157	10.245	10.205	10.278	VV	1686	45499	0.55%	0.135%
158	10.289	10.278	10.307	VV	1089	12407	0.15%	0.037%
159	10.323	10.307	10.340	VV	1133	16002	0.19%	0.048%
160	10.363	10.340	10.387	VV	3406	50876	0.61%	0.151%
161	10.400	10.387	10.409	VV	860	9649	0.12%	0.029%
162	10.427	10.409	10.472	VV	3685	98135	1.18%	0.292%
163	10.479	10.472	10.510	VV	1873	35908	0.43%	0.107%
164	10.523	10.510	10.540	VV	1462	22117	0.27%	0.066%
165	10.546	10.540	10.551	VV	1197	7402	0.09%	0.022%
166	10.556	10.551	10.567	VV	1178	10835	0.13%	0.032%
167	10.580	10.567	10.592	VV	1433	19544	0.23%	0.058%
168	10.605	10.592	10.617	VV	1445	20395	0.24%	0.061%
169	10.630	10.617	10.647	VV	1422	22450	0.27%	0.067%
170	10.660	10.647	10.684	VV	2255	31429	0.38%	0.093%
171	10.698	10.684	10.717	VV	1197	17241	0.21%	0.051%
172	10.724	10.717	10.732	VV	832	6934	0.08%	0.021%
173	10.737	10.732	10.768	VV	856	13660	0.16%	0.041%
174	10.772	10.768	10.778	VV	518	2516	0.03%	0.007%
175	10.785	10.778	10.791	VV	410	2720	0.03%	0.008%
176	10.794	10.791	10.816	VV	344	5160	0.06%	0.015%
177	10.819	10.816	10.824	VV	454	1873	0.02%	0.006%
178	10.830	10.824	10.858	VV	601	9130	0.11%	0.027%
179	10.875	10.858	10.907	VV	1237	18455	0.22%	0.055%
180	10.941	10.907	10.968	VV	2015	30644	0.37%	0.091%
181	11.027	10.968	11.057	VV	1230	36464	0.44%	0.108%
182	11.067	11.057	11.077	VV	539	5614	0.07%	0.017%
183	11.089	11.077	11.100	VV	716	8184	0.10%	0.024%
184	11.107	11.100	11.112	VV	644	3880	0.05%	0.012%
185	11.116	11.112	11.130	VV	652	5871	0.07%	0.017%
186	11.135	11.130	11.140	VV	484	2495	0.03%	0.007%
187	11.146	11.140	11.160	VV	591	5902	0.07%	0.018%
188	11.162	11.160	11.166	VV	526	1702	0.02%	0.005%
189	11.172	11.166	11.190	VV	501	4005	0.05%	0.012%
190	11.236	11.190	11.310	PV	763740	8333654	100.00%	24.777%
191	11.317	11.310	11.337	VV	1901	26086	0.31%	0.078%
192	11.344	11.337	11.352	VV	1414	11283	0.14%	0.034%
193	11.353	11.352	11.363	VV	1202	7217	0.09%	0.021%
194	11.379	11.363	11.392	VV	1600	23604	0.28%	0.070%

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195	11.408	11.392	11.432	VV	2783	42694	0.51%	0.127%
196	11.475	11.432	11.525	VV	1329	56006	0.67%	0.167%
197	11.565	11.525	11.579	VV	1847	46023	0.55%	0.137%
198	11.591	11.579	11.625	VV	2097	44775	0.54%	0.133%
199	11.663	11.625	11.700	VV	10710	165232	1.98%	0.491%
200	11.714	11.700	11.723	VV	1505	17767	0.21%	0.053%
201	11.735	11.723	11.774	VV	1495	37847	0.45%	0.113%
202	11.814	11.774	11.835	VV	2740	59788	0.72%	0.178%
203	11.861	11.835	11.965	VV	92377	1242402	14.91%	3.694%
204	11.972	11.965	12.001	VV	2014	40628	0.49%	0.121%
205	12.011	12.001	12.045	VV	1844	44003	0.53%	0.131%
206	12.078	12.045	12.083	VV	2315	40739	0.49%	0.121%
207	12.104	12.083	12.153	VV	7190	114507	1.37%	0.340%
208	12.177	12.153	12.209	VV	2137	43659	0.52%	0.130%
209	12.241	12.209	12.283	VV	2835	62067	0.74%	0.185%
210	12.305	12.283	12.332	VV	2238	41896	0.50%	0.125%
211	12.350	12.332	12.460	VV	2946	115139	1.38%	0.342%
212	12.464	12.460	12.473	VV	642	4557	0.05%	0.014%
213	12.494	12.473	12.503	VV	1008	15208	0.18%	0.045%
214	12.522	12.503	12.539	VV	1123	22363	0.27%	0.066%
215	12.543	12.539	12.548	VV	1023	4967	0.06%	0.015%
216	12.561	12.548	12.577	VV	1105	16076	0.19%	0.048%
217	12.598	12.577	12.614	VV	1143	21137	0.25%	0.063%
218	12.676	12.614	12.719	VV	120414	1568370	18.82%	4.663%
219	12.725	12.719	12.758	VV	1822	35342	0.42%	0.105%
220	12.765	12.758	12.777	VV	1333	11891	0.14%	0.035%
221	12.810	12.777	12.824	VV	1689	36924	0.44%	0.110%
222	12.851	12.824	12.879	VV	1645	48171	0.58%	0.143%
223	12.907	12.879	12.936	VV	7995	122900	1.47%	0.365%
224	12.953	12.936	12.977	VV	1880	40303	0.48%	0.120%
225	12.989	12.977	13.010	VV	1620	28786	0.35%	0.086%
226	13.035	13.010	13.050	VV	1662	34046	0.41%	0.101%
227	13.080	13.050	13.164	VV	32138	566155	6.79%	1.683%
228	13.177	13.164	13.200	VV	2276	43291	0.52%	0.129%
229	13.206	13.200	13.214	VV	1642	12817	0.15%	0.038%
230	13.220	13.214	13.241	VV	1757	24349	0.29%	0.072%
231	13.254	13.241	13.268	VV	1546	23007	0.28%	0.068%
232	13.310	13.268	13.347	VV	4089	126084	1.51%	0.375%
233	13.363	13.347	13.369	VV	2669	30550	0.37%	0.091%
234	13.389	13.369	13.411	VV	3991	78004	0.94%	0.232%
235	13.431	13.411	13.508	VV	3121	86923	1.04%	0.258%
236	13.514	13.508	13.525	VV	843	7259	0.09%	0.022%
237	13.547	13.525	13.577	VV	1216	27695	0.33%	0.082%
238	13.581	13.577	13.596	VV	707	7068	0.08%	0.021%
239	13.609	13.596	13.626	VV	607	8975	0.11%	0.027%
240	13.649	13.626	13.655	VV	674	9434	0.11%	0.028%
241	13.667	13.655	13.695	VV	798	16166	0.19%	0.048%
242	13.704	13.695	13.717	VV	730	7945	0.10%	0.024%
243	13.729	13.717	13.739	VV	817	9266	0.11%	0.028%
244	13.745	13.739	13.750	VV	641	4548	0.05%	0.014%
245	13.762	13.750	13.777	VV	868	10896	0.13%	0.032%
246	13.792	13.777	13.805	VV	983	13884	0.17%	0.041%

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247	13.809	13.805	13.812	VV	847	3071	0.04%	0.009%
248	13.816	13.812	13.819	VV	879	3697	0.04%	0.011%
249	13.842	13.819	13.847	VV	1500	20590	0.25%	0.061%
250	13.875	13.847	13.898	VV	2762	61103	0.73%	0.182%
251	13.905	13.898	13.932	VV	1424	23921	0.29%	0.071%
252	13.949	13.932	13.974	VV	1119	24113	0.29%	0.072%
253	13.985	13.974	14.012	VV	943	19793	0.24%	0.059%
254	14.041	14.012	14.049	VV	1043	19757	0.24%	0.059%
255	14.060	14.049	14.068	VV	941	10054	0.12%	0.030%
256	14.116	14.068	14.120	VV	1108	31043	0.37%	0.092%
257	14.159	14.120	14.218	VV	1351	64659	0.78%	0.192%
258	14.244	14.218	14.254	VV	1421	24622	0.30%	0.073%
259	14.259	14.254	14.265	VV	1294	8488	0.10%	0.025%
260	14.277	14.265	14.283	VV	1433	13688	0.16%	0.041%
261	14.295	14.283	14.320	VV	1559	30009	0.36%	0.089%
262	14.333	14.320	14.345	VV	1425	19227	0.23%	0.057%
263	14.366	14.345	14.397	VV	4691	76793	0.92%	0.228%
264	14.401	14.397	14.410	VV	1466	10737	0.13%	0.032%
265	14.424	14.410	14.456	VV	1341	31756	0.38%	0.094%
266	14.495	14.456	14.514	VV	4009	78710	0.94%	0.234%
267	14.527	14.514	14.557	VV	2537	42829	0.51%	0.127%
268	14.579	14.557	14.642	VV	4216	108624	1.30%	0.323%
269	14.650	14.642	14.677	VV	1563	27150	0.33%	0.081%
270	14.694	14.677	14.724	VV	1492	33323	0.40%	0.099%
271	14.751	14.724	14.782	VV	1752	39898	0.48%	0.119%
272	14.796	14.782	14.821	VV	956	17075	0.20%	0.051%
273	14.838	14.821	14.862	VV	804	17892	0.21%	0.053%
274	14.905	14.862	15.005	VV	19006	444851	5.34%	1.323%
275	15.019	15.005	15.041	VV	1887	37829	0.45%	0.112%
276	15.062	15.041	15.098	VV	3119	64272	0.77%	0.191%
277	15.108	15.098	15.135	VV	1255	20866	0.25%	0.062%
278	15.142	15.135	15.149	VV	813	5807	0.07%	0.017%
279	15.175	15.149	15.203	VV	1113	27350	0.33%	0.081%
280	15.246	15.203	15.265	VV	1275	35782	0.43%	0.106%
281	15.272	15.265	15.316	VV	898	22755	0.27%	0.068%
282	15.336	15.316	15.340	VV	1020	12233	0.15%	0.036%
283	15.351	15.340	15.358	VV	1196	12055	0.14%	0.036%
284	15.378	15.358	15.392	VV	1472	26192	0.31%	0.078%
285	15.398	15.392	15.412	VV	1318	12495	0.15%	0.037%
286	15.436	15.412	15.474	VV	1374	38263	0.46%	0.114%
287	15.507	15.474	15.526	VV	1460	32517	0.39%	0.097%
288	15.542	15.526	15.577	VV	2297	42324	0.51%	0.126%
289	15.585	15.577	15.601	VV	1096	14073	0.17%	0.042%
290	15.610	15.601	15.640	VV	1083	18014	0.22%	0.054%
291	15.646	15.640	15.663	VV	585	5000	0.06%	0.015%
292	15.694	15.663	15.701	VV	667	10321	0.12%	0.031%
293	15.709	15.701	15.717	VV	458	4209	0.05%	0.013%
294	15.722	15.717	15.730	VV	480	3459	0.04%	0.010%
295	15.741	15.730	15.764	VV	621	9457	0.11%	0.028%
296	15.768	15.764	15.790	VV	485	6385	0.08%	0.019%
297	15.797	15.790	15.805	VV	465	3111	0.04%	0.009%
298	15.838	15.805	15.859	VV	566	14223	0.17%	0.042%
299	15.868	15.859	15.887	VV	628	8010	0.10%	0.024%

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300	15.923	15.887	15.968	VV	2143	63190	0.76%	0.188%
301	15.982	15.968	15.997	VV	1244	18369	0.22%	0.055%
302	16.001	15.997	16.006	VV	1034	4923	0.06%	0.015%
303	16.024	16.006	16.069	VV	1220	33627	0.40%	0.100%
304	16.107	16.069	16.125	VV	4073	70560	0.85%	0.210%
305	16.130	16.125	16.169	VV	2194	45538	0.55%	0.135%
306	16.194	16.169	16.202	VV	1726	30712	0.37%	0.091%
307	16.209	16.202	16.253	VV	1612	44749	0.54%	0.133%
308	16.256	16.253	16.261	VV	1302	5551	0.07%	0.017%
309	16.295	16.261	16.349	VV	2078	70330	0.84%	0.209%
310	16.376	16.349	16.385	VV	1304	23365	0.28%	0.069%
311	16.402	16.385	16.424	VV	1407	28189	0.34%	0.084%
312	16.452	16.424	16.470	VV	2289	47390	0.57%	0.141%
313	16.486	16.470	16.508	VV	2712	47471	0.57%	0.141%
314	16.530	16.508	16.555	VV	6355	97329	1.17%	0.289%
315	16.572	16.555	16.619	VV	2039	52780	0.63%	0.157%
316	16.625	16.619	16.653	VV	1206	21222	0.25%	0.063%
317	16.656	16.653	16.682	VV	1131	15018	0.18%	0.045%
318	16.690	16.682	16.712	VV	780	10836	0.13%	0.032%
319	16.715	16.712	16.726	VV	634	5006	0.06%	0.015%
320	16.730	16.726	16.736	VV	625	3259	0.04%	0.010%
321	16.741	16.736	16.765	VV	521	8526	0.10%	0.025%
322	16.798	16.765	16.833	VV	1202	32579	0.39%	0.097%
323	16.869	16.833	16.899	VV	1287	38654	0.46%	0.115%
324	16.935	16.899	16.976	VV	2796	62027	0.74%	0.184%
325	16.990	16.976	17.001	VV	802	9867	0.12%	0.029%
326	17.048	17.001	17.093	VV	902	40946	0.49%	0.122%
327	17.109	17.093	17.114	VV	1079	11288	0.14%	0.034%
328	17.126	17.114	17.149	VV	1142	21213	0.25%	0.063%
329	17.159	17.149	17.175	VV	1021	14725	0.18%	0.044%
330	17.179	17.175	17.195	VV	1028	10542	0.13%	0.031%
331	17.211	17.195	17.226	VV	960	15758	0.19%	0.047%
332	17.239	17.226	17.249	VV	949	10812	0.13%	0.032%
333	17.268	17.249	17.277	VV	951	13779	0.17%	0.041%
334	17.282	17.277	17.288	VV	937	5097	0.06%	0.015%
335	17.336	17.288	17.350	VV	1761	44637	0.54%	0.133%
336	17.369	17.350	17.397	VV	3025	53267	0.64%	0.158%
337	17.412	17.397	17.432	VV	882	16239	0.19%	0.048%
338	17.460	17.432	17.511	VV	4612	87606	1.05%	0.260%
339	17.517	17.511	17.538	VV	879	12332	0.15%	0.037%
340	17.543	17.538	17.559	VV	765	8328	0.10%	0.025%
341	17.586	17.559	17.598	VV	843	17306	0.21%	0.051%
342	17.606	17.598	17.618	VV	637	5548	0.07%	0.016%
343	17.634	17.618	17.641	PV	588	5622	0.07%	0.017%
344	17.662	17.641	17.684	VV	1099	19364	0.23%	0.058%
345	17.728	17.684	17.766	VV	4861	122744	1.47%	0.365%
346	17.791	17.766	17.868	VV	3056	84305	1.01%	0.251%
347	17.889	17.868	17.902	VV	786	12809	0.15%	0.038%
348	17.911	17.902	17.918	VV	573	4455	0.05%	0.013%
349	17.951	17.918	17.955	VV	993	17505	0.21%	0.052%
350	17.968	17.955	17.972	VV	1181	11283	0.14%	0.034%
351	17.992	17.972	18.026	VV	1491	38407	0.46%	0.114%

					rteres			
352	18.031	18.026	18.035	VV	973	5309	0.06%	0.016%
353	18.039	18.035	18.047	VV	1082	6988	0.08%	0.021%
354	18.053	18.047	18.065	VV	932	9276	0.11%	0.028%
355	18.070	18.065	18.095	VV	872	11190	0.13%	0.033%
356	18.100	18.095	18.115	VV	587	5196	0.06%	0.015%
357	18.143	18.115	18.146	VV	1355	17162	0.21%	0.051%
358	18.154	18.146	18.157	VV	1378	8404	0.10%	0.025%
359	18.164	18.157	18.170	VV	1550	11257	0.14%	0.033%
360	18.197	18.170	18.267	VV	3084	75050	0.90%	0.223%

Sum of corrected areas: 33634842

Aromatic EPH 021125.M Sat Mar 01 03:57:44 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
Data File : FC068326.D
Signal(s) : FID1A.ch
Acq On : 28 Feb 2025 13:26
Operator : YP/AJ
Sample : Q1415-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
B-172-SB01

Integration File: autoint1.e
Quant Time: Mar 05 05:23:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.839	4594404	40.848 ug/ml
Spiked Amount	50.000	Recovery	= 81.70%

Target Compounds

(f)=RT Delta > 1/2 Window

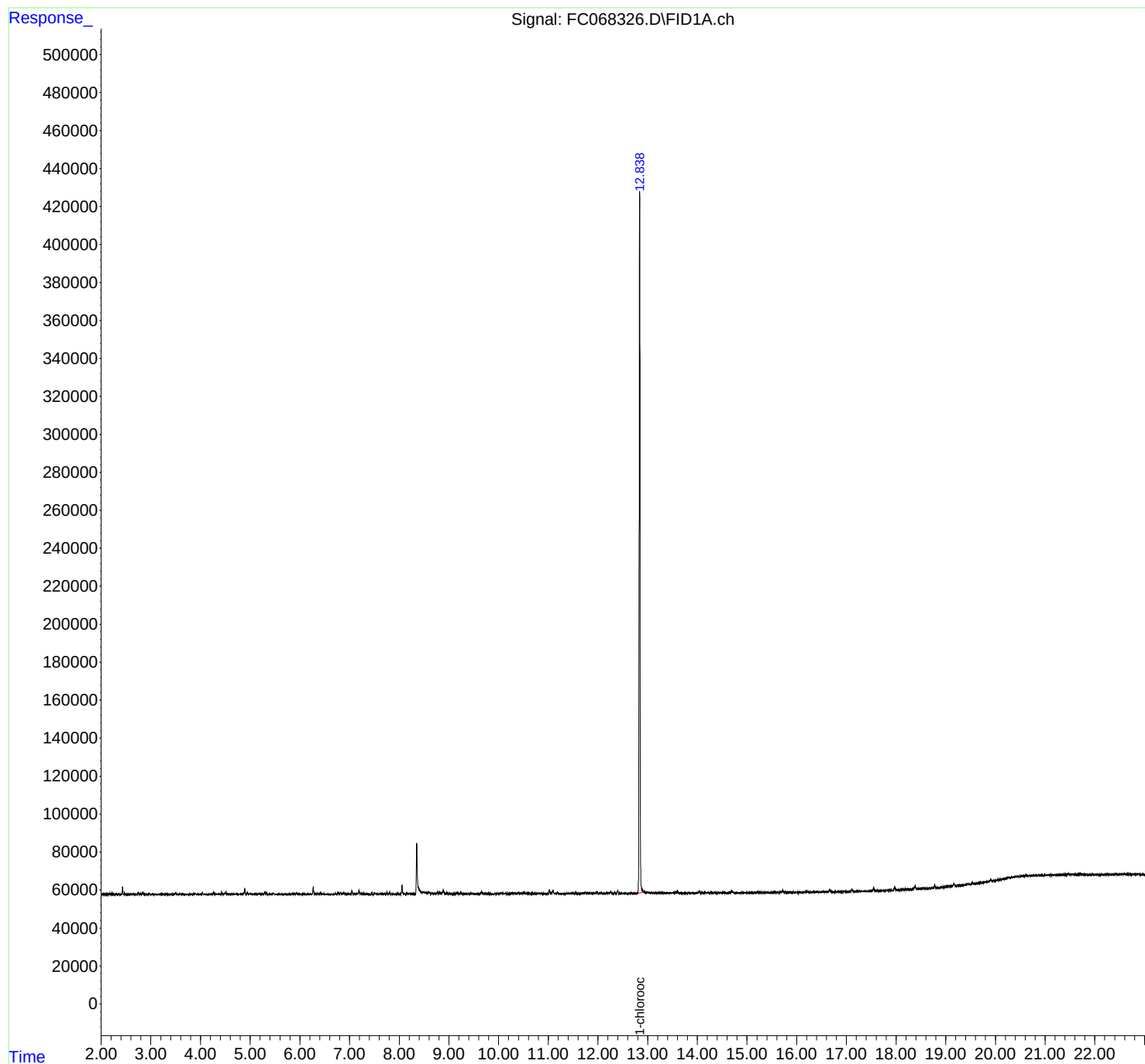
(m)=manual int.

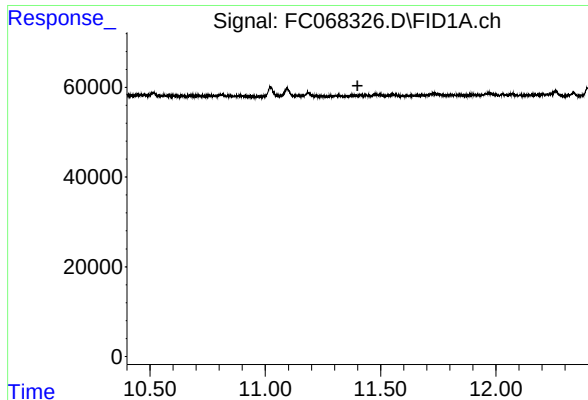
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
Data File : FC068326.D
Signal(s) : FID1A.ch
Acq On : 28 Feb 2025 13:26
Operator : YP/AJ
Sample : Q1415-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
B-172-SB01

Integration File: autoint1.e
Quant Time: Mar 05 05:23:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

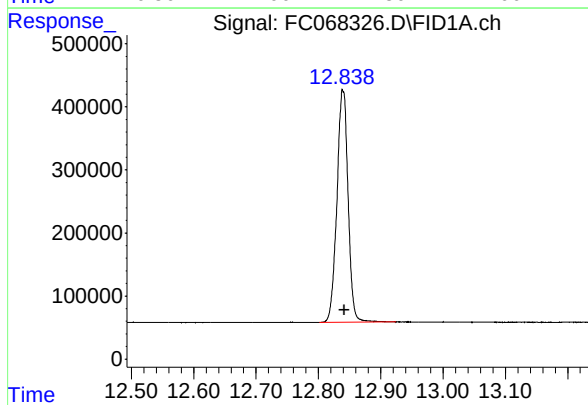




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.400 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
B-172-SB01



#12 1-chlorooctadecane (SURR)

R.T.: 12.839 min
Delta R.T.: -0.002 min
Response: 4594404
Conc: 40.85 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068326.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 13:26
 Sample : Q1415-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.360	2.305	2.415	BV	342	2959	0.06%	0.028%
2	2.432	2.415	2.456	PV	4047	30767	0.66%	0.294%
3	2.472	2.456	2.507	VV	926	7985	0.17%	0.076%
4	2.544	2.507	2.581	PV	124	3079	0.07%	0.029%
5	2.591	2.581	2.611	VV	170	1946	0.04%	0.019%
6	2.621	2.611	2.640	VV	126	1636	0.04%	0.016%
7	2.656	2.640	2.682	VV	203	3037	0.07%	0.029%
8	2.694	2.682	2.713	VV	139	1826	0.04%	0.017%
9	2.742	2.713	2.775	VV	727	12864	0.28%	0.123%
10	2.789	2.775	2.812	VV	390	5114	0.11%	0.049%
11	2.839	2.812	2.895	VV	1352	16300	0.35%	0.156%
12	2.910	2.895	2.936	VV	119	2606	0.06%	0.025%
13	2.960	2.936	2.999	VV	591	8560	0.18%	0.082%
14	3.008	2.999	3.015	VV	155	1062	0.02%	0.010%
15	3.024	3.015	3.047	VV	151	2140	0.05%	0.020%
16	3.057	3.047	3.090	VV	207	2924	0.06%	0.028%
17	3.100	3.090	3.137	VV	135	2396	0.05%	0.023%
18	3.150	3.137	3.164	VV	141	1194	0.03%	0.011%
19	3.208	3.164	3.239	VV	326	5725	0.12%	0.055%
20	3.248	3.239	3.258	VV	131	962	0.02%	0.009%
21	3.272	3.258	3.289	VV	154	1676	0.04%	0.016%
22	3.307	3.289	3.322	VV	86	1261	0.03%	0.012%
23	3.436	3.322	3.462	PV	176	5814	0.12%	0.056%
24	3.499	3.462	3.516	VV	1298	13485	0.29%	0.129%
25	3.524	3.516	3.550	VV	260	2836	0.06%	0.027%
26	3.575	3.550	3.616	VV	171	3760	0.08%	0.036%
27	3.627	3.616	3.640	VV	99	1074	0.02%	0.010%
28	3.650	3.640	3.671	VV	170	1467	0.03%	0.014%
29	3.701	3.671	3.715	VV	162	2901	0.06%	0.028%
30	3.733	3.715	3.765	VV	150	2560	0.05%	0.024%
31	3.776	3.765	3.790	VV	160	2005	0.04%	0.019%
32	3.800	3.790	3.818	VV	198	2172	0.05%	0.021%
33	3.865	3.818	3.877	VV	397	6215	0.13%	0.059%
34	3.893	3.877	3.945	VV	774	12852	0.28%	0.123%
35	3.959	3.945	3.993	VV	286	4798	0.10%	0.046%
36	4.007	3.993	4.017	VV	232	2577	0.06%	0.025%

					rteres			
37	4.040	4.017	4.085	VV	722	11798	0.25%	0.113%
38	4.101	4.085	4.117	VV	200	2662	0.06%	0.025%
39	4.133	4.117	4.148	VV	102	1490	0.03%	0.014%
40	4.169	4.148	4.205	VV	251	5814	0.12%	0.056%
41	4.263	4.205	4.351	VV	910	26451	0.57%	0.253%
42	4.369	4.351	4.395	VV	293	6063	0.13%	0.058%
43	4.428	4.395	4.468	VV	1038	18987	0.41%	0.182%
44	4.484	4.468	4.498	VV	898	9451	0.20%	0.090%
45	4.514	4.498	4.532	VV	1555	15549	0.33%	0.149%
46	4.540	4.532	4.569	VV	359	5866	0.13%	0.056%
47	4.587	4.569	4.611	VV	265	5003	0.11%	0.048%
48	4.629	4.611	4.649	VV	302	5424	0.12%	0.052%
49	4.661	4.649	4.688	VV	231	4504	0.10%	0.043%
50	4.702	4.688	4.711	VV	233	2484	0.05%	0.024%
51	4.724	4.711	4.756	VV	382	5777	0.12%	0.055%
52	4.765	4.756	4.798	VV	212	3115	0.07%	0.030%
53	4.813	4.798	4.831	VV	386	4163	0.09%	0.040%
54	4.890	4.831	4.918	VV	3002	45091	0.97%	0.431%
55	4.944	4.918	4.979	VV	849	15755	0.34%	0.151%
56	4.999	4.979	5.027	VV	415	7261	0.16%	0.069%
57	5.084	5.027	5.138	VV	307	13072	0.28%	0.125%
58	5.152	5.138	5.164	VV	269	3765	0.08%	0.036%
59	5.176	5.164	5.221	VV	292	7544	0.16%	0.072%
60	5.235	5.221	5.247	VV	215	2593	0.06%	0.025%
61	5.260	5.247	5.275	VV	200	2885	0.06%	0.028%
62	5.293	5.275	5.316	VV	1484	19691	0.42%	0.188%
63	5.332	5.316	5.373	VV	1178	16215	0.35%	0.155%
64	5.388	5.373	5.405	VV	368	4963	0.11%	0.047%
65	5.414	5.405	5.439	VV	205	3147	0.07%	0.030%
66	5.466	5.439	5.531	VV	590	12640	0.27%	0.121%
67	5.538	5.531	5.551	VV	163	1375	0.03%	0.013%
68	5.579	5.551	5.614	VV	397	7501	0.16%	0.072%
69	5.632	5.614	5.661	VV	172	3717	0.08%	0.036%
70	5.681	5.661	5.731	VV	167	4610	0.10%	0.044%
71	5.739	5.731	5.779	VV	194	3638	0.08%	0.035%
72	5.788	5.779	5.818	VV	220	3181	0.07%	0.030%
73	5.843	5.818	5.865	VV	365	6850	0.15%	0.065%
74	5.887	5.865	5.911	VV	418	7096	0.15%	0.068%
75	5.928	5.911	5.952	VV	713	9128	0.20%	0.087%
76	5.963	5.952	5.976	VV	254	2923	0.06%	0.028%
77	5.993	5.976	6.035	VV	351	6888	0.15%	0.066%
78	6.063	6.035	6.091	VV	313	6753	0.14%	0.065%
79	6.106	6.091	6.128	VV	206	2837	0.06%	0.027%
80	6.160	6.128	6.185	VV	248	4461	0.10%	0.043%
81	6.192	6.185	6.221	VV	130	2420	0.05%	0.023%
82	6.227	6.221	6.245	VV	132	1242	0.03%	0.012%
83	6.269	6.245	6.335	VV	3844	49644	1.06%	0.475%
84	6.351	6.335	6.371	VV	623	7142	0.15%	0.068%
85	6.385	6.371	6.398	VV	365	3897	0.08%	0.037%
86	6.417	6.398	6.438	VV	1134	13616	0.29%	0.130%
87	6.451	6.438	6.471	VV	385	4735	0.10%	0.045%
88	6.489	6.471	6.525	VV	476	6621	0.14%	0.063%
89	6.582	6.525	6.598	PV	199	3803	0.08%	0.036%

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90	6.656	6.598	6.690	VV	109	3932	0.08%	0.038%	
91	6.708	6.690	6.740	VV	550	6952	0.15%	0.066%	
92	6.763	6.740	6.797	VV	728	14771	0.32%	0.141%	
93	6.824	6.797	6.853	VV	619	14300	0.31%	0.137%	
94	6.886	6.853	6.908	VV	933	16163	0.35%	0.155%	
95	6.926	6.908	6.950	VV	324	5092	0.11%	0.049%	
96	6.969	6.950	7.013	VV	420	8907	0.19%	0.085%	
97	7.048	7.013	7.076	VV	2065	25743	0.55%	0.246%	
98	7.106	7.076	7.141	VV	376	9466	0.20%	0.090%	
99	7.154	7.141	7.168	VV	518	5087	0.11%	0.049%	
100	7.190	7.168	7.230	VV	2105	30229	0.65%	0.289%	
101	7.252	7.230	7.265	VV	443	7421	0.16%	0.071%	
102	7.278	7.265	7.334	VV	636	11167	0.24%	0.107%	
103	7.355	7.334	7.379	VV	242	4648	0.10%	0.044%	
104	7.398	7.379	7.420	VV	260	3173	0.07%	0.030%	
105	7.448	7.420	7.475	VV	971	11654	0.25%	0.111%	
106	7.501	7.475	7.575	VV	668	17901	0.38%	0.171%	
107	7.611	7.575	7.625	VV	346	6573	0.14%	0.063%	
108	7.641	7.625	7.654	VV	347	4160	0.09%	0.040%	
109	7.667	7.654	7.695	VV	294	4503	0.10%	0.043%	
110	7.708	7.695	7.730	VV	341	4191	0.09%	0.040%	
111	7.754	7.730	7.784	VV	1024	13469	0.29%	0.129%	
112	7.809	7.784	7.835	VV	1073	12560	0.27%	0.120%	
113	7.845	7.835	7.860	VV	249	3054	0.07%	0.029%	
114	7.877	7.860	7.895	VV	401	5017	0.11%	0.048%	
115	7.905	7.895	7.945	VV	203	3611	0.08%	0.035%	
116	7.964	7.945	7.989	VV	525	7048	0.15%	0.067%	
117	8.007	7.989	8.028	VV	214	2888	0.06%	0.028%	
118	8.057	8.028	8.133	VV	4677	62710	1.34%	0.599%	
119	8.152	8.133	8.186	VV	566	12352	0.26%	0.118%	
120	8.202	8.186	8.229	VV	526	8151	0.17%	0.078%	
121	8.247	8.229	8.271	VV	348	5273	0.11%	0.050%	
122	8.288	8.271	8.318	VV	482	5943	0.13%	0.057%	
123	8.353	8.318	8.491	PV	26635	463498	9.93%	4.431%	
124	8.511	8.491	8.531	VV	1066	20929	0.45%	0.200%	
125	8.544	8.531	8.559	VV	900	13197	0.28%	0.126%	
126	8.593	8.559	8.633	VV	1244	34132	0.73%	0.326%	
127	8.652	8.633	8.686	VV	597	12215	0.26%	0.117%	
128	8.708	8.686	8.731	VV	449	8124	0.17%	0.078%	
129	8.775	8.731	8.792	VV	1131	20457	0.44%	0.196%	
130	8.812	8.792	8.826	VV	932	13845	0.30%	0.132%	
131	8.834	8.826	8.856	VV	615	10305	0.22%	0.099%	
132	8.888	8.856	8.944	VV	2039	46609	1.00%	0.446%	
133	8.962	8.944	8.995	VV	684	10967	0.24%	0.105%	
134	9.012	8.995	9.036	VV	382	6163	0.13%	0.059%	
135	9.067	9.036	9.081	VV	248	4991	0.11%	0.048%	
136	9.094	9.081	9.105	VV	297	3461	0.07%	0.033%	
137	9.127	9.105	9.141	VV	256	4530	0.10%	0.043%	
138	9.177	9.141	9.216	VV	567	13722	0.29%	0.131%	
139	9.242	9.216	9.281	VV	991	17815	0.38%	0.170%	
140	9.308	9.281	9.330	VV	319	6929	0.15%	0.066%	
141	9.338	9.330	9.357	VV	231	3068	0.07%	0.029%	

					rteres			
142	9.381	9.357	9.411	VV	495	8558	0.18%	0.082%
143	9.433	9.411	9.477	VV	679	11363	0.24%	0.109%
144	9.488	9.477	9.505	VV	183	1759	0.04%	0.017%
145	9.522	9.505	9.545	VV	152	1919	0.04%	0.018%
146	9.572	9.545	9.635	VV	305	8862	0.19%	0.085%
147	9.655	9.635	9.703	VV	1305	21561	0.46%	0.206%
148	9.728	9.703	9.784	VV	355	10543	0.23%	0.101%
149	9.796	9.784	9.811	VV	221	2860	0.06%	0.027%
150	9.825	9.811	9.855	VV	212	3380	0.07%	0.032%
151	9.931	9.855	9.948	VV	277	7129	0.15%	0.068%
152	9.969	9.948	9.991	VV	356	6761	0.14%	0.065%
153	10.042	9.991	10.060	VV	467	13235	0.28%	0.127%
154	10.076	10.060	10.121	VV	416	10497	0.22%	0.100%
155	10.133	10.121	10.149	VV	378	5113	0.11%	0.049%
156	10.161	10.149	10.181	VV	373	4923	0.11%	0.047%
157	10.211	10.181	10.225	VV	246	4000	0.09%	0.038%
158	10.249	10.225	10.263	VV	336	5856	0.13%	0.056%
159	10.284	10.263	10.303	VV	412	7358	0.16%	0.070%
160	10.333	10.303	10.350	VV	565	10842	0.23%	0.104%
161	10.390	10.350	10.426	VV	622	18587	0.40%	0.178%
162	10.446	10.426	10.460	VV	461	7112	0.15%	0.068%
163	10.475	10.460	10.487	VV	415	6426	0.14%	0.061%
164	10.515	10.487	10.554	VV	969	19740	0.42%	0.189%
165	10.563	10.554	10.587	VV	336	4946	0.11%	0.047%
166	10.604	10.587	10.634	VV	318	6294	0.13%	0.060%
167	10.645	10.634	10.656	VV	247	2815	0.06%	0.027%
168	10.674	10.656	10.691	VV	248	4703	0.10%	0.045%
169	10.718	10.691	10.741	VV	287	6839	0.15%	0.065%
170	10.759	10.741	10.778	VV	305	5686	0.12%	0.054%
171	10.813	10.778	10.843	VV	535	11598	0.25%	0.111%
172	10.849	10.843	10.861	VV	219	1977	0.04%	0.019%
173	10.885	10.861	10.942	VV	296	7819	0.17%	0.075%
174	10.948	10.942	10.955	VV	111	678	0.01%	0.006%
175	10.968	10.955	10.978	VV	103	963	0.02%	0.009%
176	11.022	10.978	11.060	PV	2237	36214	0.78%	0.346%
177	11.094	11.060	11.121	VV	1850	31316	0.67%	0.299%
178	11.135	11.121	11.157	VV	280	5372	0.12%	0.051%
179	11.185	11.157	11.226	VV	909	15925	0.34%	0.152%
180	11.239	11.226	11.268	VV	174	3175	0.07%	0.030%
181	11.285	11.268	11.341	VV	185	5818	0.12%	0.056%
182	11.420	11.341	11.457	VV	374	15591	0.33%	0.149%
183	11.478	11.457	11.528	VV	506	12914	0.28%	0.123%
184	11.549	11.528	11.587	VV	506	11075	0.24%	0.106%
185	11.607	11.587	11.620	VV	249	3194	0.07%	0.031%
186	11.633	11.620	11.645	VV	200	2972	0.06%	0.028%
187	11.728	11.645	11.788	VV	598	31646	0.68%	0.303%
188	11.799	11.788	11.838	VV	358	8848	0.19%	0.085%
189	11.841	11.838	11.870	VV	361	5214	0.11%	0.050%
190	11.908	11.870	11.931	VV	406	11407	0.24%	0.109%
191	11.974	11.931	12.015	VV	727	23136	0.50%	0.221%
192	12.030	12.015	12.053	VV	498	8064	0.17%	0.077%
193	12.071	12.053	12.134	VV	556	13943	0.30%	0.133%
194	12.205	12.134	12.218	VV	491	16106	0.35%	0.154%

					rteres			
195	12.259	12.218	12.298	VV	1158	24703	0.53%	0.236%
196	12.336	12.298	12.365	VV	748	13229	0.28%	0.126%
197	12.397	12.365	12.441	VV	1786	27644	0.59%	0.264%
198	12.457	12.441	12.496	VV	288	7253	0.16%	0.069%
199	12.512	12.496	12.581	VV	336	8800	0.19%	0.084%
200	12.592	12.581	12.604	VV	139	1001	0.02%	0.010%
201	12.654	12.604	12.741	PV	241	11762	0.25%	0.112%
202	12.768	12.741	12.775	VV	233	3517	0.08%	0.034%
203	12.839	12.775	12.991	VV	370461	4666198	100.00%	44.605%
204	13.005	12.991	13.048	VV	711	19676	0.42%	0.188%
205	13.061	13.048	13.100	VV	521	13403	0.29%	0.128%
206	13.129	13.100	13.178	VV	415	15001	0.32%	0.143%
207	13.196	13.178	13.243	VV	469	13306	0.29%	0.127%
208	13.276	13.243	13.340	VV	552	21310	0.46%	0.204%
209	13.388	13.340	13.417	VV	296	12221	0.26%	0.117%
210	13.448	13.417	13.485	VV	376	11481	0.25%	0.110%
211	13.542	13.485	13.567	VV	690	18460	0.40%	0.176%
212	13.595	13.567	13.666	VV	1433	29145	0.62%	0.279%
213	13.686	13.666	13.698	VV	188	2977	0.06%	0.028%
214	13.723	13.698	13.745	VV	247	4314	0.09%	0.041%
215	13.764	13.745	13.795	VV	161	3493	0.07%	0.033%
216	13.823	13.795	13.856	VV	305	6908	0.15%	0.066%
217	13.887	13.856	13.998	VV	239	13662	0.29%	0.131%
218	14.033	13.998	14.085	VV	977	24335	0.52%	0.233%
219	14.097	14.085	14.135	VV	304	7127	0.15%	0.068%
220	14.156	14.135	14.194	VV	392	9361	0.20%	0.089%
221	14.307	14.194	14.337	VV	342	18918	0.41%	0.181%
222	14.356	14.337	14.390	VV	303	6824	0.15%	0.065%
223	14.415	14.390	14.428	VV	275	5104	0.11%	0.049%
224	14.466	14.428	14.488	VV	307	9574	0.21%	0.092%
225	14.502	14.488	14.527	VV	360	5504	0.12%	0.053%
226	14.539	14.527	14.546	VV	281	2641	0.06%	0.025%
227	14.554	14.546	14.581	VV	274	4610	0.10%	0.044%
228	14.596	14.581	14.618	VV	227	3194	0.07%	0.031%
229	14.654	14.618	14.675	VV	594	11276	0.24%	0.108%
230	14.697	14.675	14.781	VV	1350	29282	0.63%	0.280%
231	14.788	14.781	14.810	VV	180	2130	0.05%	0.020%
232	14.820	14.810	14.840	VV	142	1676	0.04%	0.016%
233	14.869	14.840	14.881	PV	246	3708	0.08%	0.035%
234	14.887	14.881	14.900	VV	196	1803	0.04%	0.017%
235	14.913	14.900	14.984	VV	234	7254	0.16%	0.069%
236	14.999	14.984	15.072	VV	162	5982	0.13%	0.057%
237	15.127	15.072	15.145	VV	212	7119	0.15%	0.068%
238	15.181	15.145	15.192	VV	212	4821	0.10%	0.046%
239	15.215	15.192	15.248	VV	615	11914	0.26%	0.114%
240	15.267	15.248	15.314	VV	243	6093	0.13%	0.058%
241	15.342	15.314	15.361	VV	233	4589	0.10%	0.044%
242	15.376	15.361	15.388	VV	252	2822	0.06%	0.027%
243	15.394	15.388	15.408	VV	280	2676	0.06%	0.026%
244	15.414	15.408	15.450	VV	212	3580	0.08%	0.034%
245	15.496	15.450	15.518	VV	190	5983	0.13%	0.057%
246	15.578	15.518	15.613	VV	218	10243	0.22%	0.098%

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247	15.674	15.613	15.690	VV	305	7434	0.16%	0.071%
248	15.714	15.690	15.755	VV	1239	22182	0.48%	0.212%
249	15.762	15.755	15.845	VV	251	4739	0.10%	0.045%
250	15.888	15.845	15.931	VV	152	4287	0.09%	0.041%
251	15.939	15.931	15.988	VV	63	1425	0.03%	0.014%
252	16.016	15.988	16.068	PV	143	3481	0.07%	0.033%
253	16.080	16.068	16.131	PV	139	1808	0.04%	0.017%
254	16.155	16.131	16.168	VV	137	1666	0.04%	0.016%
255	16.198	16.168	16.301	VV	691	16844	0.36%	0.161%
256	16.377	16.301	16.461	VV	177	11435	0.25%	0.109%
257	16.494	16.461	16.516	VV	158	3505	0.08%	0.034%
258	16.554	16.516	16.601	VV	204	6724	0.14%	0.064%
259	16.663	16.601	16.695	VV	1345	27596	0.59%	0.264%
260	16.704	16.695	16.735	VV	204	3370	0.07%	0.032%
261	16.765	16.735	16.794	VV	146	3466	0.07%	0.033%
262	16.821	16.794	16.869	VV	138	3259	0.07%	0.031%
263	16.875	16.869	16.886	VV	61	554	0.01%	0.005%
264	16.950	16.886	17.007	PV	132	4095	0.09%	0.039%
265	17.114	17.007	17.161	PV	1352	25259	0.54%	0.241%
266	17.168	17.161	17.182	VV	100	1152	0.02%	0.011%
267	17.205	17.182	17.228	PV	212	3702	0.08%	0.035%
268	17.239	17.228	17.255	VV	173	2050	0.04%	0.020%
269	17.263	17.255	17.282	VV	120	1539	0.03%	0.015%
270	17.306	17.282	17.316	VV	168	2042	0.04%	0.020%
271	17.321	17.316	17.331	VV	101	785	0.02%	0.008%
272	17.335	17.331	17.344	VV	131	611	0.01%	0.006%
273	17.374	17.344	17.417	PV	150	3914	0.08%	0.037%
274	17.434	17.417	17.475	VV	102	1745	0.04%	0.017%
275	17.548	17.475	17.605	VV	1539	31728	0.68%	0.303%
276	17.610	17.605	17.648	VV	233	2362	0.05%	0.023%
277	17.711	17.648	17.731	VV	142	5266	0.11%	0.050%
278	17.745	17.731	17.760	PV	74	783	0.02%	0.007%
279	17.819	17.760	17.827	VV	138	1663	0.04%	0.016%
280	17.835	17.827	17.858	VV	124	1123	0.02%	0.011%
281	17.971	17.858	18.008	VV	1825	30176	0.65%	0.288%
282	18.041	18.008	18.070	VV	175	3086	0.07%	0.030%
283	18.105	18.070	18.134	PV	94	2570	0.06%	0.025%
284	18.156	18.134	18.167	PV	131	1322	0.03%	0.013%
285	18.192	18.167	18.203	PV	151	2081	0.04%	0.020%
286	18.251	18.203	18.279	VV	205	4900	0.11%	0.047%
287	18.380	18.279	18.442	VV	1572	35824	0.77%	0.342%
288	18.534	18.442	18.581	VV	190	8008	0.17%	0.077%
289	18.629	18.581	18.638	VV	149	3183	0.07%	0.030%
290	18.662	18.638	18.673	VV	223	2901	0.06%	0.028%
291	18.676	18.673	18.690	VV	158	931	0.02%	0.009%
292	18.715	18.690	18.723	VV	81	1068	0.02%	0.010%
293	18.778	18.723	18.820	PV	1108	21440	0.46%	0.205%
294	18.831	18.820	18.847	VV	147	1731	0.04%	0.017%
295	18.951	18.847	18.962	VV	189	5331	0.11%	0.051%
296	18.969	18.962	18.975	VV	159	834	0.02%	0.008%
297	19.163	18.975	19.234	VV	1327	49327	1.06%	0.472%
298	19.322	19.234	19.337	VV	406	16768	0.36%	0.160%
299	19.470	19.337	19.508	VV	660	53824	1.15%	0.515%

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300	19.538	19.508	19.575	VV	1232	34560	0.74%	0.330%
301	19.678	19.575	19.689	VV	860	49818	1.07%	0.476%
302	19.797	19.689	19.837	VV	1204	87161	1.87%	0.833%
303	19.904	19.837	19.941	VV	2089	88533	1.90%	0.846%
304	19.978	19.941	19.998	VV	1479	48378	1.04%	0.462%
305	20.262	19.998	20.288	VV	2508	329241	7.06%	3.147%
306	20.437	20.288	20.466	VV	2773	273160	5.85%	2.611%
307	20.528	20.466	20.537	VV	2682	111359	2.39%	1.064%
308	20.559	20.537	20.568	VV	2696	48675	1.04%	0.465%
309	20.616	20.568	20.667	VV	3080	163525	3.50%	1.563%
310	20.686	20.667	20.717	VV	2599	75800	1.62%	0.725%
311	20.751	20.717	20.788	VV	2580	105990	2.27%	1.013%
312	20.859	20.788	20.871	VV	2475	119644	2.56%	1.144%
313	20.930	20.871	20.981	VV	2366	151503	3.25%	1.448%
314	21.005	20.981	21.101	VV	2288	155261	3.33%	1.484%
315	21.115	21.101	21.135	VV	2128	41861	0.90%	0.400%
316	21.186	21.135	21.211	VV	2063	90829	1.95%	0.868%
317	21.259	21.211	21.285	VV	1943	82929	1.78%	0.793%
318	21.300	21.285	21.315	VV	1836	32043	0.69%	0.306%
319	21.323	21.315	21.334	VV	1750	19564	0.42%	0.187%
320	21.348	21.334	21.398	VV	1696	63672	1.36%	0.609%
321	21.472	21.398	21.506	VV	1845	106311	2.28%	1.016%
322	21.513	21.506	21.565	VV	1522	51258	1.10%	0.490%
323	21.580	21.565	21.598	VV	1390	26292	0.56%	0.251%
324	21.652	21.598	21.697	VV	1369	74900	1.61%	0.716%
325	21.723	21.697	21.815	VV	1188	74105	1.59%	0.708%
326	21.825	21.815	21.935	VV	882	51853	1.11%	0.496%
327	21.983	21.935	22.080	VV	545	37992	0.81%	0.363%
328	22.118	22.080	22.161	VV	254	9677	0.21%	0.093%
329	22.166	22.161	22.197	VV	178	2100	0.04%	0.020%
330	22.212	22.197	22.224	VV	105	1182	0.03%	0.011%

Sum of corrected areas: 10461218

Aliphatic EPH 021125.M Sat Mar 01 01:26:28 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049134.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 13:26
 Operator : YP/AJ
 Sample : Q1415-02
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-172-SB01

Integration File: autoint1.e
 Quant Time: Mar 01 02:18:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.351	6756272	47.211 ug/ml
Spiked Amount 50.000		Recovery =	94.42%
6) S 2-Fluorobiphenyl (SURR)	8.203	3783597	43.039 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.08%
11) S ortho-Terphenyl (SURR)	11.235	6456380	39.910 ug/ml
Spiked Amount 50.000		Recovery =	79.82%

Target Compounds

(f)=RT Delta > 1/2 Window

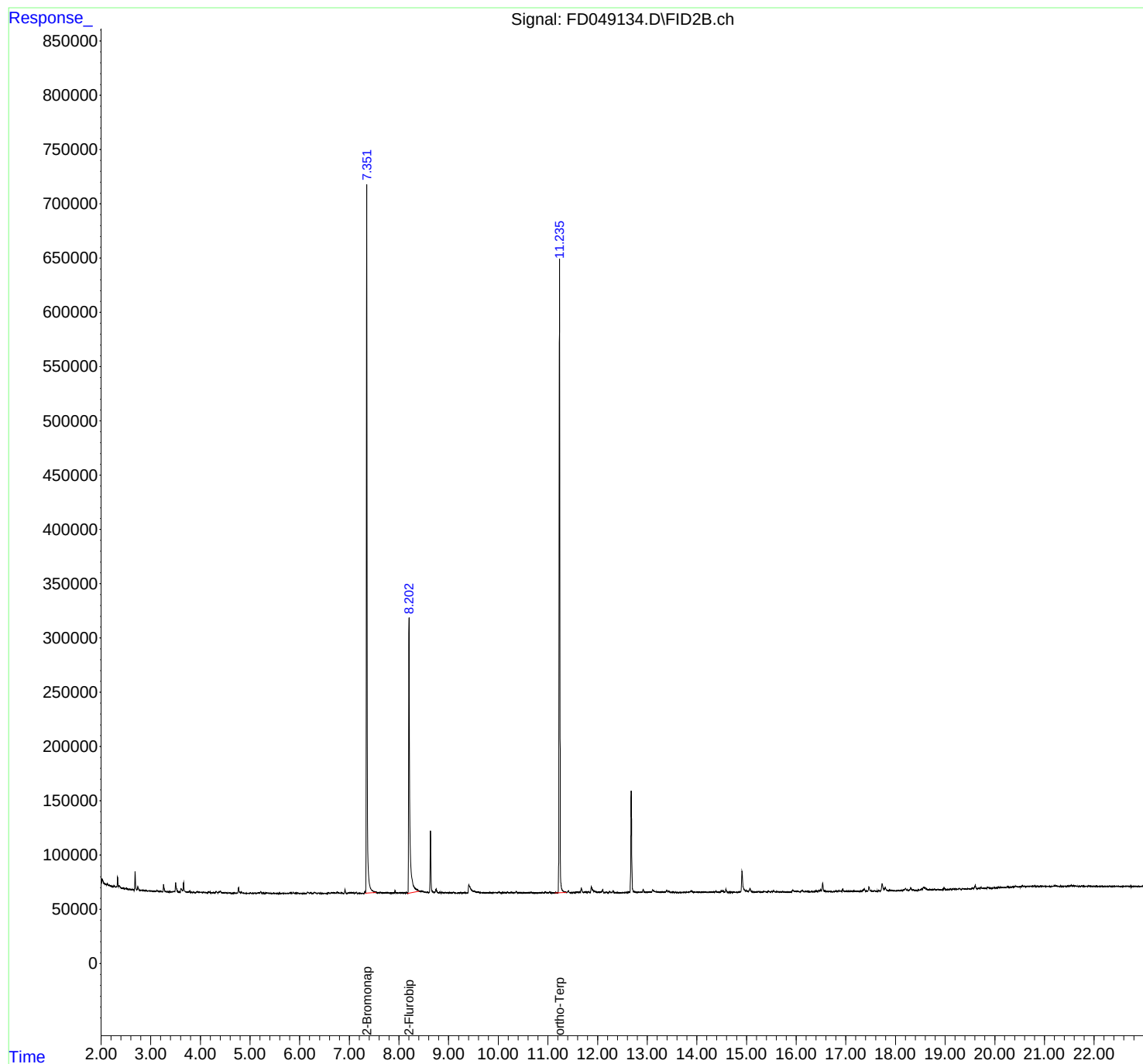
(m)=manual int.

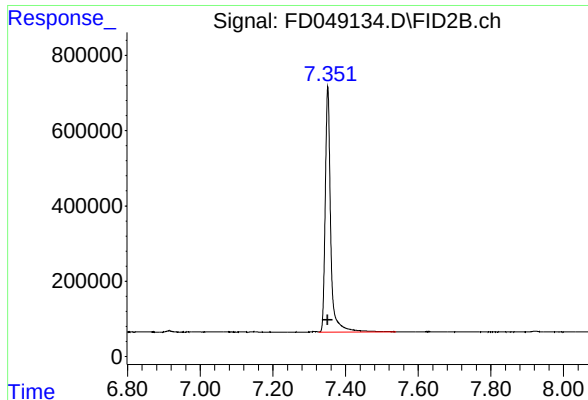
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
Data File : FD049134.D
Signal(s) : FID2B.ch
Acq On : 28 Feb 2025 13:26
Operator : YP/AJ
Sample : Q1415-02
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
B-172-SB01

Integration File: autoint1.e
Quant Time: Mar 01 02:18:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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

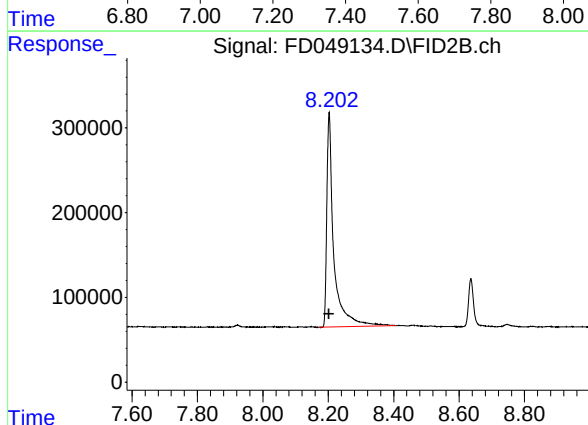




#4 2-Bromonaphthalene (SURR)

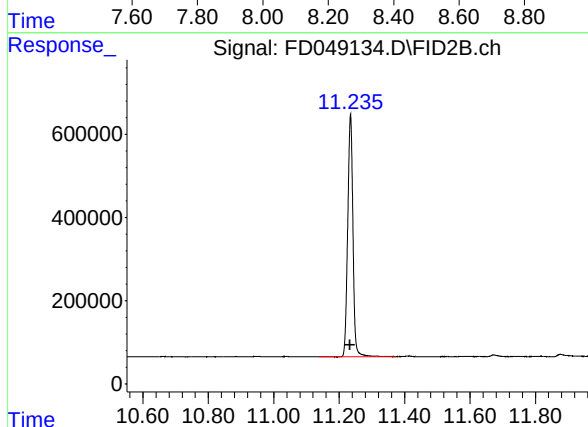
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 6756272
Conc: 47.21 ug/ml

Instrument :
FID_D
ClientSampleId :
B-172-SB01



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 3783597
Conc: 43.04 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: 0.002 min
Response: 6456380
Conc: 39.91 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049134.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 13:26
 Sample : Q1415-02
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: sample.E

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.063	4.042	4.084	BV	518	6473	0.09%	0.026%
2	4.110	4.084	4.138	VV	329	4530	0.07%	0.018%
3	4.168	4.138	4.195	PV	969	17157	0.25%	0.069%
4	4.199	4.195	4.234	VV	445	4858	0.07%	0.019%
5	4.249	4.234	4.255	VV	385	3611	0.05%	0.014%
6	4.262	4.255	4.287	VV	510	6359	0.09%	0.025%
7	4.318	4.287	4.350	VV	1544	25538	0.37%	0.102%
8	4.373	4.350	4.388	VV	1559	20227	0.30%	0.081%
9	4.403	4.388	4.447	VV	2131	34693	0.51%	0.139%
10	4.452	4.447	4.466	VV	449	3918	0.06%	0.016%
11	4.472	4.466	4.492	VV	323	3650	0.05%	0.015%
12	4.509	4.492	4.549	VV	614	10148	0.15%	0.041%
13	4.554	4.549	4.565	VV	235	1517	0.02%	0.006%
14	4.580	4.565	4.595	VV	440	5589	0.08%	0.022%
15	4.602	4.595	4.633	VV	394	4943	0.07%	0.020%
16	4.660	4.633	4.675	PV	327	4685	0.07%	0.019%
17	4.689	4.675	4.696	VV	485	4334	0.06%	0.017%
18	4.701	4.696	4.707	VV	347	2197	0.03%	0.009%
19	4.711	4.707	4.730	VV	417	3935	0.06%	0.016%
20	4.769	4.730	4.814	VV	5448	80613	1.18%	0.322%
21	4.828	4.814	4.864	VV	1259	19453	0.28%	0.078%
22	4.869	4.864	4.894	VV	347	2767	0.04%	0.011%
23	4.904	4.894	4.927	VV	209	3138	0.05%	0.013%
24	4.973	4.953	4.994	VV	399	6113	0.09%	0.024%
25	5.007	4.994	5.038	VV	448	6795	0.10%	0.027%
26	5.050	5.038	5.084	VV	320	4986	0.07%	0.020%
27	5.096	5.084	5.113	VV	208	2861	0.04%	0.011%
28	5.141	5.113	5.159	VV	593	10066	0.15%	0.040%
29	5.164	5.159	5.173	VV	473	3604	0.05%	0.014%
30	5.217	5.173	5.259	VV	1925	43145	0.63%	0.172%
31	5.272	5.259	5.313	VV	656	12120	0.18%	0.048%
32	5.334	5.313	5.387	VV	580	17084	0.25%	0.068%
33	5.400	5.387	5.412	VV	427	4156	0.06%	0.017%
34	5.427	5.412	5.433	VV	289	2116	0.03%	0.008%
35	5.437	5.433	5.445	VV	216	1166	0.02%	0.005%
36	5.469	5.445	5.504	VV	438	9623	0.14%	0.038%

					rteres			
37	5.512	5.504	5.518	VV	324	1962	0.03%	0.008%
38	5.524	5.518	5.531	VV	295	1628	0.02%	0.006%
39	5.542	5.531	5.555	VV	278	2551	0.04%	0.010%
40	5.573	5.555	5.586	VV	409	4088	0.06%	0.016%
41	5.598	5.594	5.627	VV	165	2694	0.04%	0.011%
42	5.639	5.627	5.644	VV	202	1519	0.02%	0.006%
43	5.672	5.644	5.690	VV	447	6506	0.09%	0.026%
44	5.708	5.690	5.717	VV	425	3434	0.05%	0.014%
45	5.738	5.722	5.758	VV	456	7091	0.10%	0.028%
46	5.788	5.758	5.798	VV	501	8494	0.12%	0.034%
47	5.820	5.798	5.854	VV	734	16707	0.24%	0.067%
48	5.871	5.854	5.914	VV	1290	20480	0.30%	0.082%
49	5.936	5.914	5.955	VV	624	11176	0.16%	0.045%
50	5.960	5.955	5.964	VV	370	1588	0.02%	0.006%
51	5.969	5.964	6.011	VV	405	9361	0.14%	0.037%
52	6.018	6.011	6.050	VV	444	6281	0.09%	0.025%
53	6.064	6.050	6.092	VV	381	4571	0.07%	0.018%
54	6.103	6.092	6.138	PV	330	5496	0.08%	0.022%
55	6.160	6.138	6.196	VV	1578	30400	0.44%	0.121%
56	6.223	6.196	6.252	VV	1078	21391	0.31%	0.085%
57	6.268	6.252	6.279	VV	660	7093	0.10%	0.028%
58	6.296	6.279	6.324	VV	1461	25058	0.37%	0.100%
59	6.327	6.324	6.352	VV	717	7755	0.11%	0.031%
60	6.367	6.352	6.379	VV	800	8853	0.13%	0.035%
61	6.384	6.379	6.404	VV	648	6501	0.09%	0.026%
62	6.435	6.404	6.442	VV	387	4852	0.07%	0.019%
63	6.466	6.449	6.492	VV	407	5379	0.08%	0.021%
64	6.501	6.492	6.514	VV	291	2861	0.04%	0.011%
65	6.535	6.514	6.542	VV	348	4734	0.07%	0.019%
66	6.546	6.542	6.567	VV	452	5206	0.08%	0.021%
67	6.584	6.567	6.605	VV	988	14367	0.21%	0.057%
68	6.609	6.605	6.614	VV	322	1337	0.02%	0.005%
69	6.630	6.614	6.659	VV	961	17817	0.26%	0.071%
70	6.681	6.659	6.695	VV	1048	17780	0.26%	0.071%
71	6.711	6.695	6.738	VV	902	16782	0.24%	0.067%
72	6.760	6.738	6.779	VV	1853	25860	0.38%	0.103%
73	6.785	6.779	6.792	VV	555	3992	0.06%	0.016%
74	6.798	6.792	6.803	VV	628	3668	0.05%	0.015%
75	6.810	6.803	6.818	VV	536	4626	0.07%	0.018%
76	6.843	6.818	6.851	VV	789	11691	0.17%	0.047%
77	6.863	6.851	6.890	VV	635	9553	0.14%	0.038%
78	6.914	6.890	6.957	VV	3788	46852	0.68%	0.187%
79	6.985	6.957	7.012	VV	937	20346	0.30%	0.081%
80	7.026	7.012	7.041	VV	864	11691	0.17%	0.047%
81	7.047	7.041	7.054	VV	747	4640	0.07%	0.019%
82	7.066	7.054	7.080	VV	1102	12650	0.18%	0.051%
83	7.088	7.080	7.100	VV	530	4939	0.07%	0.020%
84	7.116	7.100	7.134	VV	816	10791	0.16%	0.043%
85	7.146	7.134	7.167	VV	1184	12823	0.19%	0.051%
86	7.172	7.167	7.186	VV	348	2563	0.04%	0.010%
87	7.192	7.186	7.202	VV	364	2431	0.04%	0.010%
88	7.209	7.202	7.241	VV	358	5514	0.08%	0.022%
89	7.247	7.241	7.253	VV	279	1596	0.02%	0.006%

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90	7.262	7.253	7.287	VV	345	3978	0.06%	0.016%
91	7.315	7.287	7.327	VV	1502	18867	0.28%	0.075%
92	7.351	7.327	7.549	VV	653665	6853037	100.00%	27.366%
93	7.552	7.549	7.572	VV	1001	11172	0.16%	0.045%
94	7.591	7.572	7.611	VV	1011	20093	0.29%	0.080%
95	7.628	7.611	7.667	VV	1181	27723	0.40%	0.111%
96	7.684	7.667	7.700	VV	760	12271	0.18%	0.049%
97	7.710	7.700	7.717	VV	754	6754	0.10%	0.027%
98	7.720	7.717	7.733	VV	707	5480	0.08%	0.022%
99	7.742	7.733	7.774	VV	864	13632	0.20%	0.054%
100	7.782	7.774	7.787	VV	722	4048	0.06%	0.016%
101	7.790	7.787	7.794	VV	514	1989	0.03%	0.008%
102	7.810	7.794	7.819	VV	493	5937	0.09%	0.024%
103	7.830	7.819	7.857	VV	699	10854	0.16%	0.043%
104	7.875	7.857	7.885	VV	528	7909	0.12%	0.032%
105	7.889	7.885	7.894	VV	630	2474	0.04%	0.010%
106	7.923	7.894	7.975	VV	2774	47648	0.70%	0.190%
107	7.980	7.975	7.987	VV	481	3288	0.05%	0.013%
108	7.992	7.987	7.999	VV	451	2982	0.04%	0.012%
109	8.033	7.999	8.045	VV	898	17253	0.25%	0.069%
110	8.051	8.045	8.059	VV	624	4635	0.07%	0.019%
111	8.068	8.059	8.095	VV	927	11622	0.17%	0.046%
112	8.114	8.095	8.132	VV	785	10667	0.16%	0.043%
113	8.147	8.132	8.166	VV	823	11971	0.17%	0.048%
114	8.170	8.166	8.178	VV	252	1462	0.02%	0.006%
115	8.203	8.178	8.339	VV	253533	3812716	55.64%	15.225%
116	8.344	8.339	8.407	VV	4232	130318	1.90%	0.520%
117	8.416	8.407	8.441	VV	2358	44036	0.64%	0.176%
118	8.460	8.441	8.504	VV	2585	70103	1.02%	0.280%
119	8.514	8.504	8.545	VV	1667	30787	0.45%	0.123%
120	8.551	8.545	8.555	VV	1016	5395	0.08%	0.022%
121	8.569	8.555	8.574	VV	1190	11710	0.17%	0.047%
122	8.578	8.574	8.601	VV	1157	14311	0.21%	0.057%
123	8.636	8.601	8.716	VV	57574	669087	9.76%	2.672%
124	8.747	8.716	8.805	VV	3634	83656	1.22%	0.334%
125	8.825	8.805	8.854	VV	1245	23845	0.35%	0.095%
126	8.873	8.854	8.900	VV	1049	20455	0.30%	0.082%
127	8.928	8.900	8.938	VV	786	13723	0.20%	0.055%
128	8.944	8.938	8.964	VV	807	10576	0.15%	0.042%
129	8.970	8.964	8.994	VV	744	10792	0.16%	0.043%
130	9.023	8.994	9.037	VV	776	15694	0.23%	0.063%
131	9.043	9.037	9.074	VV	809	9324	0.14%	0.037%
132	9.095	9.074	9.147	VV	1264	25294	0.37%	0.101%
133	9.173	9.147	9.177	VV	486	5478	0.08%	0.022%
134	9.186	9.177	9.200	VV	485	4625	0.07%	0.018%
135	9.204	9.200	9.210	VV	336	1768	0.03%	0.007%
136	9.213	9.210	9.218	VV	321	1314	0.02%	0.005%
137	9.247	9.218	9.283	VV	835	16654	0.24%	0.067%
138	9.296	9.283	9.300	VV	602	4502	0.07%	0.018%
139	9.305	9.300	9.318	VV	623	5800	0.08%	0.023%
140	9.328	9.318	9.360	VV	645	12722	0.19%	0.051%
141	9.376	9.360	9.379	VV	483	4664	0.07%	0.019%

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142	9.407	9.379	9.502	VV	7928	277538	4.05%	1.108%
143	9.516	9.502	9.552	VV	2336	53593	0.78%	0.214%
144	9.559	9.552	9.574	VV	1237	15745	0.23%	0.063%
145	9.590	9.574	9.644	VV	1360	39249	0.57%	0.157%
146	9.650	9.644	9.672	VV	714	10442	0.15%	0.042%
147	9.687	9.672	9.704	VV	681	10520	0.15%	0.042%
148	9.708	9.704	9.728	VV	535	5734	0.08%	0.023%
149	9.757	9.728	9.773	VV	602	11833	0.17%	0.047%
150	9.778	9.773	9.784	VV	563	3084	0.05%	0.012%
151	9.790	9.784	9.797	VV	554	3722	0.05%	0.015%
152	9.804	9.797	9.811	VV	521	3989	0.06%	0.016%
153	9.820	9.811	9.842	VV	746	10619	0.15%	0.042%
154	9.845	9.842	9.860	VV	552	4300	0.06%	0.017%
155	9.884	9.860	9.888	VV	604	7499	0.11%	0.030%
156	9.908	9.888	9.919	VV	798	12282	0.18%	0.049%
157	9.931	9.919	9.949	VV	734	11484	0.17%	0.046%
158	9.956	9.949	9.960	VV	737	4700	0.07%	0.019%
159	9.966	9.960	9.994	VV	776	12209	0.18%	0.049%
160	10.012	9.994	10.057	VV	1496	24720	0.36%	0.099%
161	10.062	10.057	10.072	VV	338	2766	0.04%	0.011%
162	10.104	10.072	10.121	VV	767	15021	0.22%	0.060%
163	10.132	10.121	10.154	VV	710	10233	0.15%	0.041%
164	10.187	10.154	10.210	VV	998	20754	0.30%	0.083%
165	10.216	10.210	10.238	VV	614	8567	0.13%	0.034%
166	10.262	10.238	10.280	VV	947	18072	0.26%	0.072%
167	10.294	10.280	10.315	VV	702	11513	0.17%	0.046%
168	10.331	10.315	10.344	VV	749	10647	0.16%	0.043%
169	10.363	10.344	10.387	VV	1755	26948	0.39%	0.108%
170	10.407	10.387	10.437	VV	629	11906	0.17%	0.048%
171	10.458	10.437	10.473	VV	618	9426	0.14%	0.038%
172	10.476	10.473	10.480	VV	375	1435	0.02%	0.006%
173	10.486	10.480	10.491	VV	456	2181	0.03%	0.009%
174	10.494	10.491	10.515	VV	466	3717	0.05%	0.015%
175	10.523	10.515	10.527	VV	473	2342	0.03%	0.009%
176	10.530	10.527	10.542	VV	505	3625	0.05%	0.014%
177	10.543	10.542	10.549	VV	415	1343	0.02%	0.005%
178	10.562	10.549	10.585	VV	440	7525	0.11%	0.030%
179	10.604	10.585	10.618	VV	560	7325	0.11%	0.029%
180	10.632	10.618	10.648	VV	564	8628	0.13%	0.034%
181	10.663	10.648	10.688	VV	853	11677	0.17%	0.047%
182	10.704	10.688	10.745	VV	376	6875	0.10%	0.027%
183	10.750	10.745	10.774	VV	309	3408	0.05%	0.014%
184	10.779	10.774	10.784	VV	257	1266	0.02%	0.005%
185	10.790	10.784	10.795	VV	224	1225	0.02%	0.005%
186	10.799	10.795	10.813	VV	356	2169	0.03%	0.009%
187	10.833	10.813	10.854	VV	325	5579	0.08%	0.022%
188	10.858	10.854	10.866	VV	302	1510	0.02%	0.006%
189	10.884	10.866	10.907	VV	861	10933	0.16%	0.044%
190	10.917	10.907	10.926	VV	396	3377	0.05%	0.013%
191	10.948	10.926	10.981	VV	1124	21810	0.32%	0.087%
192	10.991	10.981	10.996	VV	508	3694	0.05%	0.015%
193	10.999	10.996	11.005	VV	483	2220	0.03%	0.009%
194	11.037	11.005	11.089	VV	935	24803	0.36%	0.099%

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195	11.093	11.089	11.101	VV	369	1888	0.03%	0.008%
196	11.105	11.101	11.112	VV	270	1527	0.02%	0.006%
197	11.126	11.112	11.137	VV	419	4318	0.06%	0.017%
198	11.144	11.137	11.148	VV	335	1996	0.03%	0.008%
199	11.154	11.148	11.193	VV	494	7961	0.12%	0.032%
200	11.235	11.193	11.357	PV	584305	6491411	94.72%	25.922%
201	11.361	11.357	11.381	VV	852	9435	0.14%	0.038%
202	11.413	11.381	11.444	VV	2197	39991	0.58%	0.160%
203	11.459	11.444	11.474	VV	541	7531	0.11%	0.030%
204	11.477	11.474	11.481	VV	457	1878	0.03%	0.007%
205	11.502	11.481	11.507	VV	644	7629	0.11%	0.030%
206	11.531	11.507	11.540	VV	959	12433	0.18%	0.050%
207	11.545	11.540	11.549	VV	576	2784	0.04%	0.011%
208	11.554	11.549	11.564	VV	670	5350	0.08%	0.021%
209	11.569	11.564	11.581	VV	817	8257	0.12%	0.033%
210	11.596	11.581	11.614	VV	1084	16735	0.24%	0.067%
211	11.631	11.614	11.645	VV	819	13876	0.20%	0.055%
212	11.647	11.645	11.652	VV	748	2543	0.04%	0.010%
213	11.672	11.652	11.720	VV	4640	80613	1.18%	0.322%
214	11.735	11.720	11.780	VV	1073	28619	0.42%	0.114%
215	11.817	11.780	11.854	VV	1396	36269	0.53%	0.145%
216	11.876	11.854	11.995	VV	6068	182412	2.66%	0.728%
217	12.001	11.995	12.003	VV	698	3219	0.05%	0.013%
218	12.029	12.003	12.047	VV	982	19589	0.29%	0.078%
219	12.052	12.047	12.059	VV	829	5608	0.08%	0.022%
220	12.104	12.059	12.135	VV	3476	65931	0.96%	0.263%
221	12.140	12.135	12.159	VV	482	5866	0.09%	0.023%
222	12.180	12.159	12.202	VV	872	15941	0.23%	0.064%
223	12.206	12.202	12.211	VV	407	1995	0.03%	0.008%
224	12.216	12.211	12.222	VV	440	2325	0.03%	0.009%
225	12.244	12.222	12.279	VV	1512	28644	0.42%	0.114%
226	12.284	12.279	12.290	VV	505	2936	0.04%	0.012%
227	12.313	12.290	12.353	VV	1957	32119	0.47%	0.128%
228	12.376	12.353	12.391	VV	439	5819	0.08%	0.023%
229	12.400	12.391	12.422	VV	248	3023	0.04%	0.012%
230	12.428	12.422	12.444	VV	197	1247	0.02%	0.005%
231	12.458	12.444	12.474	VV	239	1484	0.02%	0.006%
232	12.497	12.474	12.509	PV	512	5296	0.08%	0.021%
233	12.518	12.509	12.540	VV	409	6309	0.09%	0.025%
234	12.560	12.540	12.568	VV	524	6728	0.10%	0.027%
235	12.575	12.568	12.581	VV	603	3706	0.05%	0.015%
236	12.610	12.581	12.616	VV	587	9383	0.14%	0.037%
237	12.678	12.616	12.734	VV	93954	1207525	17.62%	4.822%
238	12.739	12.734	12.762	VV	1220	16089	0.23%	0.064%
239	12.763	12.762	12.779	VV	817	6510	0.09%	0.026%
240	12.786	12.779	12.794	VV	683	5057	0.07%	0.020%
241	12.809	12.794	12.817	VV	712	8427	0.12%	0.034%
242	12.827	12.817	12.839	VV	697	8145	0.12%	0.033%
243	12.847	12.839	12.860	VV	809	8958	0.13%	0.036%
244	12.865	12.860	12.885	VV	769	8865	0.13%	0.035%
245	12.919	12.885	12.951	VV	3409	57651	0.84%	0.230%
246	12.959	12.951	12.978	VV	756	9442	0.14%	0.038%

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247	13.001	12.978	13.020	VV	726	14184	0.21%	0.057%
248	13.046	13.020	13.083	VV	934	24626	0.36%	0.098%
249	13.106	13.083	13.169	VV	2809	83964	1.23%	0.335%
250	13.172	13.169	13.212	VV	1118	22309	0.33%	0.089%
251	13.226	13.212	13.250	VV	738	13591	0.20%	0.054%
252	13.265	13.250	13.282	VV	875	13838	0.20%	0.055%
253	13.286	13.282	13.344	VV	981	22934	0.33%	0.092%
254	13.362	13.344	13.370	VV	893	9216	0.13%	0.037%
255	13.396	13.370	13.415	VV	2379	39808	0.58%	0.159%
256	13.433	13.415	13.458	VV	1919	28943	0.42%	0.116%
257	13.463	13.458	13.470	VV	620	3723	0.05%	0.015%
258	13.481	13.470	13.491	VV	569	6296	0.09%	0.025%
259	13.494	13.491	13.520	VV	513	5975	0.09%	0.024%
260	13.528	13.520	13.544	VV	420	4863	0.07%	0.019%
261	13.547	13.544	13.559	VV	337	2479	0.04%	0.010%
262	13.567	13.559	13.596	VV	519	6469	0.09%	0.026%
263	13.600	13.596	13.616	VV	253	2003	0.03%	0.008%
264	13.623	13.616	13.630	VV	193	1159	0.02%	0.005%
265	13.640	13.630	13.648	VV	313	1920	0.03%	0.008%
266	13.655	13.648	13.677	VV	232	3440	0.05%	0.014%
267	13.680	13.677	13.710	VV	362	4216	0.06%	0.017%
268	13.729	13.717	13.759	VV	432	7502	0.11%	0.030%
269	13.769	13.759	13.780	VV	444	3904	0.06%	0.016%
270	13.784	13.780	13.792	VV	384	2137	0.03%	0.009%
271	13.802	13.792	13.815	VV	424	4594	0.07%	0.018%
272	13.826	13.815	13.832	VV	485	3823	0.06%	0.015%
273	13.847	13.832	13.864	VV	849	13072	0.19%	0.052%
274	13.884	13.864	13.930	VV	1822	42164	0.62%	0.168%
275	13.937	13.930	13.943	VV	447	2873	0.04%	0.011%
276	13.960	13.943	13.974	VV	584	8770	0.13%	0.035%
277	13.989	13.974	13.994	VV	578	5753	0.08%	0.023%
278	13.999	13.994	14.037	VV	642	10324	0.15%	0.041%
279	14.044	14.037	14.049	VV	548	3113	0.05%	0.012%
280	14.053	14.049	14.066	VV	511	4436	0.06%	0.018%
281	14.075	14.066	14.092	VV	505	6386	0.09%	0.026%
282	14.101	14.092	14.110	VV	447	4446	0.06%	0.018%
283	14.115	14.110	14.135	VV	674	7373	0.11%	0.029%
284	14.152	14.135	14.190	VV	619	15458	0.23%	0.062%
285	14.195	14.190	14.216	VV	395	4493	0.07%	0.018%
286	14.256	14.216	14.271	VV	545	12888	0.19%	0.051%
287	14.307	14.271	14.312	VV	671	13338	0.19%	0.053%
288	14.331	14.312	14.359	VV	596	13115	0.19%	0.052%
289	14.381	14.359	14.429	VV	1181	26554	0.39%	0.106%
290	14.445	14.429	14.455	VV	231	2754	0.04%	0.011%
291	14.502	14.455	14.517	VV	1686	32848	0.48%	0.131%
292	14.530	14.517	14.561	VV	1760	26654	0.39%	0.106%
293	14.585	14.561	14.632	VV	2861	43202	0.63%	0.173%
294	14.642	14.632	14.667	VV	257	2790	0.04%	0.011%
295	14.697	14.667	14.724	PV	413	6937	0.10%	0.028%
296	14.738	14.724	14.812	VV	454	11068	0.16%	0.044%
297	14.829	14.812	14.836	VV	328	3202	0.05%	0.013%
298	14.846	14.836	14.854	VV	456	3829	0.06%	0.015%
299	14.908	14.854	15.030	VV	19549	412785	6.02%	1.648%

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300	15.069	15.030	15.194	VV	3859	110029	1.61%	0.439%
301	15.201	15.194	15.212	VV	602	5456	0.08%	0.022%
302	15.238	15.212	15.287	VV	629	21696	0.32%	0.087%
303	15.292	15.287	15.310	VV	427	4220	0.06%	0.017%
304	15.349	15.310	15.417	VV	744	29769	0.43%	0.119%
305	15.444	15.417	15.479	VV	703	19219	0.28%	0.077%
306	15.508	15.479	15.523	VV	888	17598	0.26%	0.070%
307	15.546	15.523	15.599	VV	1481	34508	0.50%	0.138%
308	15.626	15.599	15.660	VV	683	16014	0.23%	0.064%
309	15.678	15.660	15.710	VV	317	5474	0.08%	0.022%
310	15.735	15.710	15.782	VV	370	12295	0.18%	0.049%
311	15.820	15.782	15.830	VV	300	4510	0.07%	0.018%
312	15.865	15.830	15.878	VV	287	5907	0.09%	0.024%
313	15.931	15.878	15.965	VV	1899	45113	0.66%	0.180%
314	15.983	15.965	16.005	VV	854	16620	0.24%	0.066%
315	16.027	16.005	16.077	VV	1022	26703	0.39%	0.107%
316	16.120	16.077	16.167	VV	1674	44570	0.65%	0.178%
317	16.188	16.167	16.199	VV	679	9344	0.14%	0.037%
318	16.229	16.199	16.257	VV	707	17928	0.26%	0.072%
319	16.274	16.257	16.296	VV	445	7815	0.11%	0.031%
320	16.313	16.296	16.347	VV	521	12682	0.19%	0.051%
321	16.404	16.347	16.426	VV	840	29178	0.43%	0.117%
322	16.457	16.426	16.470	VV	1381	23401	0.34%	0.093%
323	16.492	16.470	16.507	VV	1920	30561	0.45%	0.122%
324	16.532	16.507	16.565	VV	8262	122992	1.79%	0.491%
325	16.581	16.565	16.652	VV	1161	33553	0.49%	0.134%
326	16.662	16.652	16.670	VV	432	3892	0.06%	0.016%
327	16.709	16.670	16.739	VV	471	14879	0.22%	0.059%
328	16.807	16.739	16.840	VV	912	30996	0.45%	0.124%
329	16.862	16.840	16.892	VV	1242	26103	0.38%	0.104%
330	16.902	16.892	16.915	VV	858	10966	0.16%	0.044%
331	16.940	16.915	16.965	VV	2364	39728	0.58%	0.159%
332	16.979	16.965	17.015	VV	652	16696	0.24%	0.067%
333	17.057	17.015	17.089	VV	881	27775	0.41%	0.111%
334	17.099	17.089	17.114	VV	608	8098	0.12%	0.032%
335	17.119	17.114	17.134	VV	746	7024	0.10%	0.028%
336	17.168	17.134	17.192	VV	734	21254	0.31%	0.085%
337	17.213	17.192	17.254	VV	664	19436	0.28%	0.078%
338	17.258	17.254	17.274	VV	571	5887	0.09%	0.024%
339	17.313	17.274	17.320	VV	721	16629	0.24%	0.066%
340	17.345	17.320	17.355	VV	1487	23087	0.34%	0.092%
341	17.373	17.355	17.414	VV	2531	47453	0.69%	0.189%
342	17.421	17.414	17.436	VV	770	8355	0.12%	0.033%
343	17.466	17.436	17.535	VV	4552	93928	1.37%	0.375%
344	17.544	17.535	17.560	VV	744	9610	0.14%	0.038%
345	17.579	17.560	17.619	VV	815	21105	0.31%	0.084%
346	17.631	17.619	17.642	VV	588	6468	0.09%	0.026%
347	17.666	17.642	17.692	PV	1055	20528	0.30%	0.082%
348	17.731	17.692	17.772	VV	7175	160530	2.34%	0.641%
349	17.794	17.772	17.862	VV	3199	88165	1.29%	0.352%
350	17.893	17.862	17.979	VV	871	37085	0.54%	0.148%
351	17.992	17.979	18.009	VV	283	3501	0.05%	0.014%

					rt	Area	Area%	Area%
352	18.069	18.009	18.103	VV	315	9346	0.14%	0.037%
353	18.200	18.103	18.224	VV	2010	46429	0.68%	0.185%
354	18.236	18.224	18.272	VV	565	9077	0.13%	0.036%
Sum of corrected areas:						25042086		

Aromatic EPH 021125.M Sat Mar 01 03:58:15 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
Data File : FC068327.D
Signal(s) : FID1A.ch
Acq On : 28 Feb 2025 14:03
Operator : YP/AJ
Sample : Q1415-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
B-163-SB02

Integration File: autoint1.e
Quant Time: Mar 05 05:23:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.839	4203916	37.377 ug/ml
Spiked Amount	50.000	Recovery	= 74.75%

Target Compounds

(f)=RT Delta > 1/2 Window

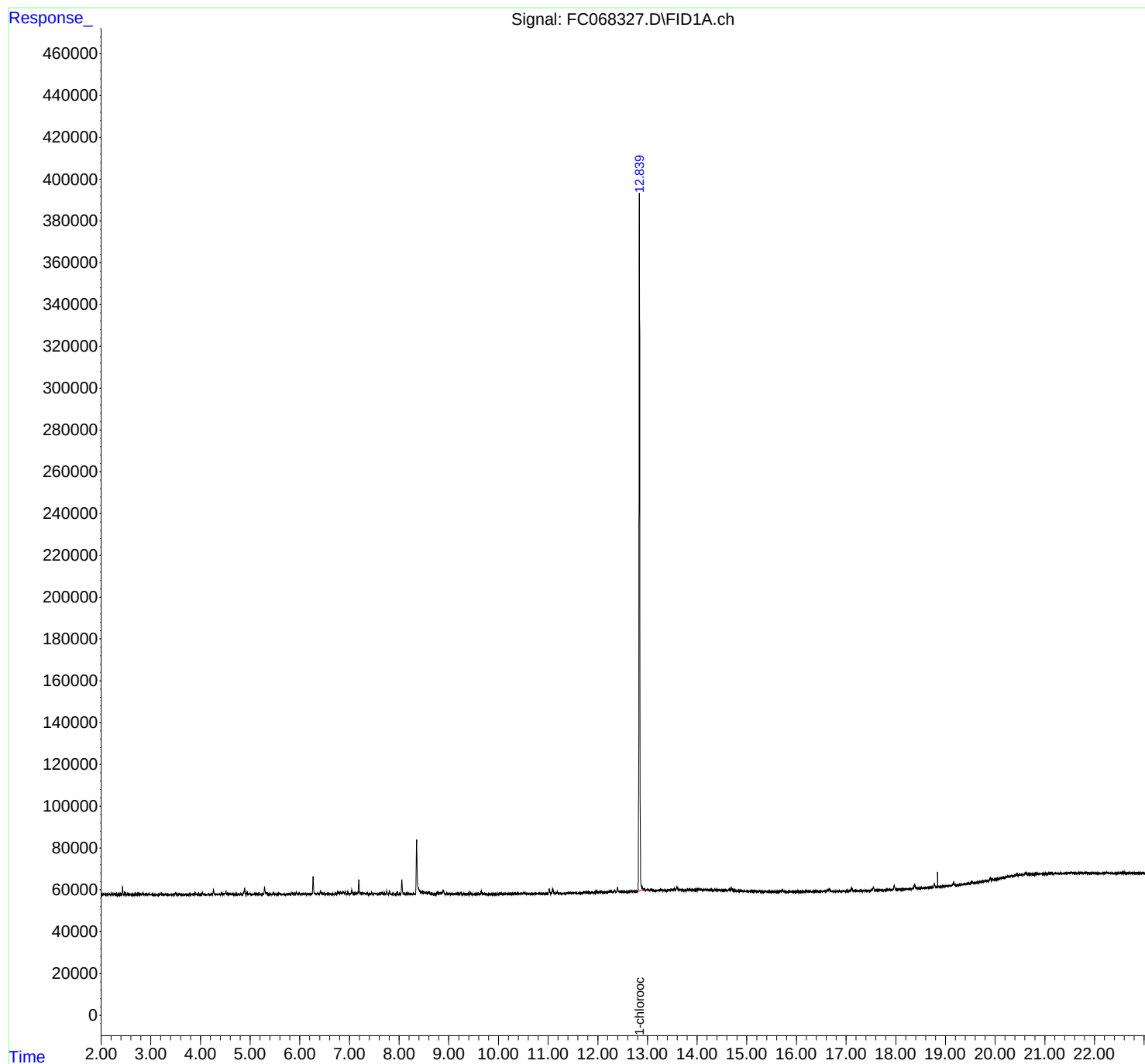
(m)=manual int.

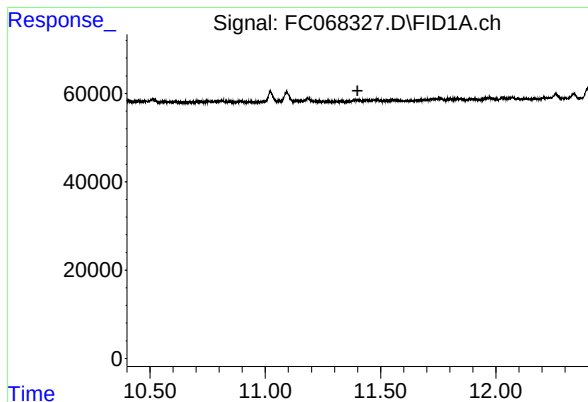
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
Data File : FC068327.D
Signal(s) : FID1A.ch
Acq On : 28 Feb 2025 14:03
Operator : YP/AJ
Sample : Q1415-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
B-163-SB02

Integration File: autoint1.e
Quant Time: Mar 05 05:23:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

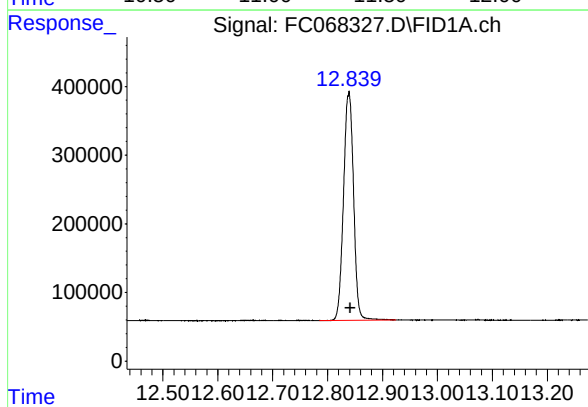




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.400 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
B-163-SB02



#12 1-chlorooctadecane (SURR)

R.T.: 12.839 min
Delta R.T.: -0.003 min
Response: 4203916
Conc: 37.38 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068327.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 14:03
 Sample : Q1415-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.359	2.305	2.395	BV	275	2994	0.07%	0.025%
2	2.405	2.395	2.412	PV	61	523	0.01%	0.004%
3	2.432	2.412	2.457	VV	3610	28140	0.65%	0.237%
4	2.473	2.457	2.545	VV	870	9544	0.22%	0.081%
5	2.556	2.545	2.577	VV	112	895	0.02%	0.008%
6	2.592	2.577	2.611	VV	154	1323	0.03%	0.011%
7	2.656	2.611	2.694	VV	151	3099	0.07%	0.026%
8	2.743	2.694	2.773	PV	565	9777	0.22%	0.082%
9	2.788	2.773	2.808	VV	574	5645	0.13%	0.048%
10	2.839	2.808	2.875	VV	1114	12990	0.30%	0.110%
11	2.885	2.875	2.894	VV	89	776	0.02%	0.007%
12	2.912	2.894	2.931	VV	195	2910	0.07%	0.025%
13	2.961	2.931	3.004	VV	467	6901	0.16%	0.058%
14	3.033	3.004	3.042	VV	154	2254	0.05%	0.019%
15	3.052	3.042	3.084	VV	160	1941	0.04%	0.016%
16	3.095	3.084	3.105	PV	138	584	0.01%	0.005%
17	3.123	3.105	3.151	VV	100	1643	0.04%	0.014%
18	3.208	3.151	3.294	VV	773	14485	0.33%	0.122%
19	3.304	3.294	3.341	VV	151	2503	0.06%	0.021%
20	3.354	3.341	3.364	VV	141	1016	0.02%	0.009%
21	3.383	3.364	3.391	VV	138	1551	0.04%	0.013%
22	3.402	3.391	3.421	VV	176	2076	0.05%	0.018%
23	3.437	3.421	3.451	PV	48	993	0.02%	0.008%
24	3.499	3.451	3.515	VV	1254	15817	0.36%	0.133%
25	3.523	3.515	3.555	VV	284	2988	0.07%	0.025%
26	3.575	3.555	3.612	VV	450	6079	0.14%	0.051%
27	3.628	3.612	3.678	VV	164	3315	0.08%	0.028%
28	3.695	3.678	3.718	VV	126	2200	0.05%	0.019%
29	3.738	3.718	3.752	VV	147	1751	0.04%	0.015%
30	3.782	3.752	3.824	VV	271	6014	0.14%	0.051%
31	3.864	3.824	3.878	VV	651	8063	0.19%	0.068%
32	3.894	3.878	3.941	VV	1048	15392	0.35%	0.130%
33	3.960	3.941	3.991	VV	606	7303	0.17%	0.062%
34	4.040	3.991	4.057	VV	768	12190	0.28%	0.103%
35	4.067	4.057	4.141	VV	290	7306	0.17%	0.062%
36	4.167	4.141	4.199	VV	289	4912	0.11%	0.041%

					rt	ret	area	%area	%area
37	4.214	4.199	4.230	VV	179	2576	0.06%	0.022%	
38	4.262	4.230	4.314	VV	2511	33708	0.77%	0.284%	
39	4.325	4.314	4.351	VV	269	4379	0.10%	0.037%	
40	4.374	4.351	4.398	VV	351	5810	0.13%	0.049%	
41	4.428	4.398	4.448	VV	982	13557	0.31%	0.114%	
42	4.456	4.448	4.471	VV	431	5136	0.12%	0.043%	
43	4.484	4.471	4.497	VV	838	7891	0.18%	0.067%	
44	4.513	4.497	4.529	VV	1765	17719	0.41%	0.150%	
45	4.538	4.529	4.554	VV	520	5340	0.12%	0.045%	
46	4.568	4.554	4.581	VV	389	4970	0.11%	0.042%	
47	4.586	4.581	4.602	VV	385	3195	0.07%	0.027%	
48	4.631	4.602	4.645	VV	444	6844	0.16%	0.058%	
49	4.662	4.645	4.689	VV	355	7073	0.16%	0.060%	
50	4.723	4.689	4.765	VV	604	9614	0.22%	0.081%	
51	4.775	4.765	4.794	VV	198	2461	0.06%	0.021%	
52	4.812	4.794	4.844	VV	387	5928	0.14%	0.050%	
53	4.890	4.844	4.917	VV	2958	45268	1.04%	0.382%	
54	4.939	4.917	4.978	VV	998	18836	0.43%	0.159%	
55	4.998	4.978	5.029	VV	791	11105	0.26%	0.094%	
56	5.053	5.029	5.065	VV	189	2535	0.06%	0.021%	
57	5.091	5.065	5.135	VV	433	10384	0.24%	0.088%	
58	5.150	5.135	5.165	VV	415	5184	0.12%	0.044%	
59	5.177	5.165	5.192	VV	357	4133	0.09%	0.035%	
60	5.204	5.192	5.218	VV	265	3212	0.07%	0.027%	
61	5.236	5.218	5.259	VV	225	4289	0.10%	0.036%	
62	5.292	5.259	5.320	VV	3844	49940	1.15%	0.421%	
63	5.331	5.320	5.374	VV	1043	15773	0.36%	0.133%	
64	5.385	5.374	5.424	VV	358	6491	0.15%	0.055%	
65	5.467	5.424	5.501	VV	749	16956	0.39%	0.143%	
66	5.512	5.501	5.518	VV	154	1385	0.03%	0.012%	
67	5.539	5.518	5.556	VV	298	4396	0.10%	0.037%	
68	5.582	5.556	5.616	VV	710	12076	0.28%	0.102%	
69	5.636	5.616	5.649	VV	295	3652	0.08%	0.031%	
70	5.672	5.649	5.711	VV	310	7362	0.17%	0.062%	
71	5.742	5.711	5.760	VV	304	4925	0.11%	0.042%	
72	5.792	5.760	5.810	VV	355	6627	0.15%	0.056%	
73	5.844	5.810	5.865	VV	830	15354	0.35%	0.130%	
74	5.887	5.865	5.908	VV	970	12997	0.30%	0.110%	
75	5.928	5.908	5.963	VV	1346	20153	0.46%	0.170%	
76	5.989	5.963	6.030	VV	1000	16925	0.39%	0.143%	
77	6.064	6.030	6.088	VV	403	9462	0.22%	0.080%	
78	6.100	6.088	6.129	VV	424	6544	0.15%	0.055%	
79	6.151	6.129	6.173	VV	379	7778	0.18%	0.066%	
80	6.194	6.173	6.215	VV	320	6567	0.15%	0.055%	
81	6.269	6.215	6.334	VV	8715	111286	2.56%	0.939%	
82	6.352	6.334	6.373	VV	694	10460	0.24%	0.088%	
83	6.388	6.373	6.401	VV	552	6908	0.16%	0.058%	
84	6.417	6.401	6.440	VV	2033	24526	0.56%	0.207%	
85	6.450	6.440	6.475	VV	608	8239	0.19%	0.070%	
86	6.487	6.475	6.508	VV	643	8406	0.19%	0.071%	
87	6.525	6.508	6.567	VV	369	9404	0.22%	0.079%	
88	6.586	6.567	6.606	VV	645	9806	0.23%	0.083%	
89	6.653	6.606	6.681	VV	410	11583	0.27%	0.098%	

					rt	ret		
90	6.709	6.681	6.736	VV	720	12371	0.28%	0.104%
91	6.764	6.736	6.776	VV	1229	17824	0.41%	0.150%
92	6.781	6.776	6.799	VV	1033	11629	0.27%	0.098%
93	6.824	6.799	6.848	VV	1319	23111	0.53%	0.195%
94	6.869	6.848	6.908	VV	1643	33229	0.76%	0.280%
95	6.925	6.908	6.945	VV	1165	14683	0.34%	0.124%
96	6.967	6.945	6.986	VV	1334	17310	0.40%	0.146%
97	6.993	6.986	7.006	VV	529	4870	0.11%	0.041%
98	7.048	7.006	7.087	VV	2226	37363	0.86%	0.315%
99	7.106	7.087	7.121	VV	542	9073	0.21%	0.077%
100	7.130	7.121	7.141	VV	532	5949	0.14%	0.050%
101	7.152	7.141	7.168	VV	622	7956	0.18%	0.067%
102	7.190	7.168	7.235	VV	6950	88048	2.02%	0.743%
103	7.247	7.235	7.265	VV	542	8771	0.20%	0.074%
104	7.279	7.265	7.296	VV	677	9132	0.21%	0.077%
105	7.311	7.296	7.331	VV	439	8314	0.19%	0.070%
106	7.358	7.331	7.388	VV	769	14712	0.34%	0.124%
107	7.399	7.388	7.418	VV	301	3908	0.09%	0.033%
108	7.448	7.418	7.480	VV	1022	14681	0.34%	0.124%
109	7.522	7.480	7.536	VV	623	14515	0.33%	0.122%
110	7.548	7.536	7.580	VV	435	7915	0.18%	0.067%
111	7.611	7.580	7.625	VV	591	9179	0.21%	0.077%
112	7.642	7.625	7.656	VV	792	11327	0.26%	0.096%
113	7.666	7.656	7.688	VV	620	8294	0.19%	0.070%
114	7.709	7.688	7.731	VV	802	10353	0.24%	0.087%
115	7.753	7.731	7.788	VV	1718	22466	0.52%	0.190%
116	7.808	7.788	7.830	VV	1704	19855	0.46%	0.168%
117	7.845	7.830	7.861	VV	341	3861	0.09%	0.033%
118	7.878	7.861	7.896	VV	754	8964	0.21%	0.076%
119	7.910	7.896	7.940	VV	253	4735	0.11%	0.040%
120	7.963	7.940	8.030	VV	1229	20048	0.46%	0.169%
121	8.056	8.030	8.128	VV	7048	91653	2.11%	0.773%
122	8.152	8.128	8.185	VV	567	13542	0.31%	0.114%
123	8.202	8.185	8.228	VV	511	7980	0.18%	0.067%
124	8.250	8.228	8.270	VV	361	5439	0.12%	0.046%
125	8.289	8.270	8.321	VV	428	5230	0.12%	0.044%
126	8.353	8.321	8.492	PV	25967	441965	10.15%	3.729%
127	8.508	8.492	8.528	VV	906	17372	0.40%	0.147%
128	8.546	8.528	8.567	VV	839	15938	0.37%	0.134%
129	8.594	8.567	8.635	VV	1273	30315	0.70%	0.256%
130	8.656	8.635	8.688	VV	517	10681	0.25%	0.090%
131	8.708	8.688	8.730	VV	386	6800	0.16%	0.057%
132	8.742	8.730	8.750	VV	249	2615	0.06%	0.022%
133	8.776	8.750	8.795	VV	1238	17706	0.41%	0.149%
134	8.812	8.795	8.828	VV	876	12599	0.29%	0.106%
135	8.843	8.828	8.858	VV	669	11035	0.25%	0.093%
136	8.888	8.858	8.928	VV	1898	39464	0.91%	0.333%
137	8.935	8.928	8.946	VV	344	3255	0.07%	0.027%
138	8.962	8.946	8.987	VV	544	7780	0.18%	0.066%
139	9.011	8.987	9.045	VV	397	7217	0.17%	0.061%
140	9.070	9.045	9.100	VV	322	7107	0.16%	0.060%
141	9.115	9.100	9.125	VV	267	3394	0.08%	0.029%

					rteres			
142	9.132	9.125	9.144	VV	245	2431	0.06%	0.021%
143	9.174	9.144	9.218	VV	462	12582	0.29%	0.106%
144	9.241	9.218	9.276	VV	842	14155	0.33%	0.119%
145	9.297	9.276	9.354	VV	388	7856	0.18%	0.066%
146	9.382	9.354	9.415	VV	477	8244	0.19%	0.070%
147	9.433	9.415	9.475	VV	926	12976	0.30%	0.109%
148	9.484	9.475	9.507	VV	232	2604	0.06%	0.022%
149	9.523	9.507	9.539	VV	188	2255	0.05%	0.019%
150	9.572	9.539	9.611	VV	459	8759	0.20%	0.074%
151	9.654	9.611	9.707	VV	1409	24344	0.56%	0.205%
152	9.728	9.707	9.795	VV	280	9058	0.21%	0.076%
153	9.823	9.795	9.875	VV	169	4440	0.10%	0.037%
154	9.935	9.875	9.951	PV	142	3532	0.08%	0.030%
155	9.974	9.951	9.991	VV	311	4394	0.10%	0.037%
156	9.999	9.991	10.007	VV	203	1724	0.04%	0.015%
157	10.036	10.007	10.068	VV	390	9791	0.22%	0.083%
158	10.079	10.068	10.101	VV	253	3800	0.09%	0.032%
159	10.126	10.101	10.147	VV	248	5236	0.12%	0.044%
160	10.159	10.147	10.191	VV	295	4927	0.11%	0.042%
161	10.198	10.191	10.228	VV	134	1993	0.05%	0.017%
162	10.251	10.228	10.275	VV	303	5863	0.13%	0.049%
163	10.280	10.275	10.298	VV	239	2255	0.05%	0.019%
164	10.322	10.298	10.371	VV	440	10445	0.24%	0.088%
165	10.391	10.371	10.426	VV	550	11911	0.27%	0.100%
166	10.443	10.426	10.465	VV	342	6563	0.15%	0.055%
167	10.477	10.465	10.490	VV	345	4586	0.11%	0.039%
168	10.514	10.490	10.547	VV	836	13980	0.32%	0.118%
169	10.567	10.547	10.598	VV	225	4682	0.11%	0.040%
170	10.609	10.598	10.635	VV	215	2779	0.06%	0.023%
171	10.643	10.635	10.680	VV	124	1991	0.05%	0.017%
172	10.716	10.680	10.741	VV	275	5176	0.12%	0.044%
173	10.759	10.741	10.770	VV	257	2913	0.07%	0.025%
174	10.780	10.770	10.790	VV	246	2279	0.05%	0.019%
175	10.810	10.790	10.871	VV	392	9126	0.21%	0.077%
176	10.894	10.871	10.961	VV	246	4670	0.11%	0.039%
177	11.022	10.961	11.054	VV	2460	36874	0.85%	0.311%
178	11.093	11.054	11.165	VV	2318	44827	1.03%	0.378%
179	11.185	11.165	11.231	VV	943	15411	0.35%	0.130%
180	11.238	11.231	11.268	VV	141	2028	0.05%	0.017%
181	11.281	11.268	11.295	VV	116	1166	0.03%	0.010%
182	11.305	11.295	11.313	VV	118	818	0.02%	0.007%
183	11.328	11.313	11.355	VV	132	2137	0.05%	0.018%
184	11.407	11.355	11.431	VV	401	12310	0.28%	0.104%
185	11.443	11.431	11.460	VV	375	5506	0.13%	0.046%
186	11.477	11.460	11.515	VV	495	10792	0.25%	0.091%
187	11.546	11.515	11.623	VV	391	17163	0.39%	0.145%
188	11.757	11.623	11.778	VV	756	39104	0.90%	0.330%
189	11.793	11.778	11.818	VV	659	12640	0.29%	0.107%
190	11.843	11.818	11.871	VV	656	15786	0.36%	0.133%
191	11.890	11.871	11.933	VV	607	16965	0.39%	0.143%
192	11.975	11.933	12.011	VV	804	28402	0.65%	0.240%
193	12.029	12.011	12.053	VV	855	17122	0.39%	0.144%
194	12.070	12.053	12.086	VV	940	14127	0.32%	0.119%

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195	12.093	12.086	12.123	VV	640	12080	0.28%	0.102%
196	12.135	12.123	12.148	VV	603	7848	0.18%	0.066%
197	12.167	12.148	12.185	VV	687	12145	0.28%	0.102%
198	12.259	12.185	12.307	VV	1662	59411	1.36%	0.501%
199	12.338	12.307	12.362	VV	1719	34094	0.78%	0.288%
200	12.396	12.362	12.441	VV	2801	59456	1.37%	0.502%
201	12.464	12.441	12.491	VV	1062	25696	0.59%	0.217%
202	12.511	12.491	12.565	VV	815	29409	0.68%	0.248%
203	12.577	12.565	12.603	VV	719	13732	0.32%	0.116%
204	12.651	12.603	12.701	VV	990	47175	1.08%	0.398%
205	12.715	12.701	12.735	VV	972	17189	0.39%	0.145%
206	12.757	12.735	12.784	VV	959	25320	0.58%	0.214%
207	12.839	12.784	12.968	VV	332051	4352579	100.00%	36.725%
208	13.008	12.968	13.045	VV	1656	70064	1.61%	0.591%
209	13.072	13.045	13.175	VV	1777	103000	2.37%	0.869%
210	13.235	13.175	13.256	VV	1477	62627	1.44%	0.528%
211	13.282	13.256	13.338	VV	1547	67859	1.56%	0.573%
212	13.355	13.338	13.397	VV	1286	42212	0.97%	0.356%
213	13.445	13.397	13.483	VV	1593	72359	1.66%	0.611%
214	13.502	13.483	13.517	VV	1604	30830	0.71%	0.260%
215	13.539	13.517	13.567	VV	2084	50816	1.17%	0.429%
216	13.593	13.567	13.631	VV	2862	74816	1.72%	0.631%
217	13.652	13.631	13.761	VV	1704	100211	2.30%	0.846%
218	13.768	13.761	13.774	VV	1092	8474	0.19%	0.072%
219	13.816	13.774	13.871	VV	1541	79159	1.82%	0.668%
220	13.884	13.871	13.915	VV	1391	34234	0.79%	0.289%
221	13.918	13.915	13.954	VV	1338	28597	0.66%	0.241%
222	14.030	13.954	14.130	VV	1992	151836	3.49%	1.281%
223	14.155	14.130	14.185	VV	1566	44169	1.01%	0.373%
224	14.209	14.185	14.261	VV	1543	60934	1.40%	0.514%
225	14.274	14.261	14.341	VV	1304	55670	1.28%	0.470%
226	14.365	14.341	14.385	VV	1341	31534	0.72%	0.266%
227	14.402	14.385	14.425	VV	1308	29141	0.67%	0.246%
228	14.435	14.425	14.450	VV	1166	17315	0.40%	0.146%
229	14.465	14.450	14.488	VV	1193	25172	0.58%	0.212%
230	14.548	14.488	14.588	VV	1176	63054	1.45%	0.532%
231	14.597	14.588	14.605	VV	1066	10538	0.24%	0.089%
232	14.650	14.605	14.675	VV	1590	50156	1.15%	0.423%
233	14.693	14.675	14.735	VV	2343	51099	1.17%	0.431%
234	14.747	14.735	14.815	VV	1098	40212	0.92%	0.339%
235	14.832	14.815	14.848	VV	702	12626	0.29%	0.107%
236	14.862	14.848	14.876	VV	717	11892	0.27%	0.100%
237	14.895	14.876	14.915	VV	779	16194	0.37%	0.137%
238	14.927	14.915	15.031	VV	697	38524	0.89%	0.325%
239	15.035	15.031	15.078	VV	524	13243	0.30%	0.112%
240	15.082	15.078	15.094	VV	550	4585	0.11%	0.039%
241	15.105	15.094	15.167	VV	601	20279	0.47%	0.171%
242	15.215	15.167	15.305	VV	651	31302	0.72%	0.264%
243	15.324	15.305	15.375	VV	246	9092	0.21%	0.077%
244	15.395	15.375	15.431	VV	319	8791	0.20%	0.074%
245	15.446	15.431	15.475	VV	261	4797	0.11%	0.040%
246	15.534	15.475	15.608	VV	294	16994	0.39%	0.143%

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247	15.676	15.645	15.691	VV	542	9351	0.21%	0.079%
248	15.713	15.691	15.828	VV	1144	25472	0.59%	0.215%
249	15.891	15.828	15.958	VV	220	7222	0.17%	0.061%
250	15.968	15.958	16.013	PV	61	2015	0.05%	0.017%
251	16.029	16.013	16.074	VV	150	3294	0.08%	0.028%
252	16.093	16.074	16.132	VV	84	1936	0.04%	0.016%
253	16.196	16.132	16.235	PV	518	11797	0.27%	0.100%
254	16.245	16.235	16.301	VV	200	4333	0.10%	0.037%
255	16.401	16.301	16.461	PV	230	12523	0.29%	0.106%
256	16.489	16.461	16.528	VV	161	4927	0.11%	0.042%
257	16.564	16.528	16.597	VV	223	6722	0.15%	0.057%
258	16.662	16.597	16.747	VV	1379	34702	0.80%	0.293%
259	16.858	16.747	16.908	PV	157	8822	0.20%	0.074%
260	16.953	16.908	17.017	PV	189	6829	0.16%	0.058%
261	17.042	17.017	17.066	VV	148	3216	0.07%	0.027%
262	17.112	17.066	17.161	VV	1359	24237	0.56%	0.205%
263	17.215	17.161	17.271	VV	272	8535	0.20%	0.072%
264	17.396	17.271	17.471	PV	123	7141	0.16%	0.060%
265	17.548	17.471	17.590	PV	1695	33889	0.78%	0.286%
266	17.666	17.590	17.682	VV	169	5305	0.12%	0.045%
267	17.703	17.682	17.796	VV	150	4841	0.11%	0.041%
268	17.828	17.796	17.863	PV	219	5276	0.12%	0.045%
269	17.882	17.863	17.897	VV	109	1429	0.03%	0.012%
270	17.970	17.897	18.016	PV	1910	33770	0.78%	0.285%
271	18.243	18.016	18.270	VV	117	7054	0.16%	0.060%
272	18.379	18.270	18.458	VV	1684	36408	0.84%	0.307%
273	18.544	18.458	18.570	VV	122	4129	0.09%	0.035%
274	18.591	18.570	18.608	VV	56	1027	0.02%	0.009%
275	18.777	18.608	18.856	PV	1277	27389	0.63%	0.231%
276	18.956	18.856	18.986	VV	232	6073	0.14%	0.051%
277	19.163	18.986	19.222	VV	1388	34262	0.79%	0.289%
278	19.471	19.222	19.496	VV	555	46256	1.06%	0.390%
279	19.538	19.496	19.581	VV	1136	33914	0.78%	0.286%
280	19.903	19.581	19.933	VV	1893	183501	4.22%	1.548%
281	19.965	19.933	19.985	VV	1480	42132	0.97%	0.355%
282	20.262	19.985	20.285	VV	2382	309319	7.11%	2.610%
283	20.433	20.285	20.459	VV	2825	256484	5.89%	2.164%
284	20.616	20.459	20.670	VV	2998	325748	7.48%	2.749%
285	20.941	20.670	20.990	VV	2396	438128	10.07%	3.697%
286	21.015	20.990	21.050	VV	2139	75071	1.72%	0.633%
287	21.192	21.050	21.230	VV	1914	206233	4.74%	1.740%
288	21.239	21.230	21.251	VV	1824	23176	0.53%	0.196%
289	21.304	21.251	21.327	VV	1701	77887	1.79%	0.657%
290	21.350	21.327	21.376	VV	1647	47559	1.09%	0.401%
291	21.391	21.376	21.428	VV	1595	47695	1.10%	0.402%
292	21.468	21.428	21.507	VV	1600	72898	1.67%	0.615%
293	21.538	21.507	21.605	VV	1579	82479	1.89%	0.696%
294	21.624	21.605	21.703	VV	1235	64551	1.48%	0.545%
295	21.788	21.703	21.818	VV	941	63671	1.46%	0.537%
296	21.848	21.818	21.923	VV	775	40963	0.94%	0.346%
297	21.991	21.923	22.116	VV	504	40909	0.94%	0.345%
298	22.133	22.116	22.183	VV	118	2699	0.06%	0.023%
Sum of corrected areas:					11851793			

rteres

Aliphatic EPH 021125.M Sat Mar 01 01:26:56 2025

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049135.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 14:03
 Operator : YP/AJ
 Sample : Q1415-03
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-163-SB02

Integration File: autoint1.e
 Quant Time: Mar 01 02:18:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.351	7538273	52.675 ug/ml
Spiked Amount 50.000		Recovery =	105.35%
6) S 2-Fluorobiphenyl (SURR)	8.202	4320522	49.146 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.29%
11) S ortho-Terphenyl (SURR)	11.235	6363238	39.334 ug/ml
Spiked Amount 50.000		Recovery =	78.67%

Target Compounds

(f)=RT Delta > 1/2 Window

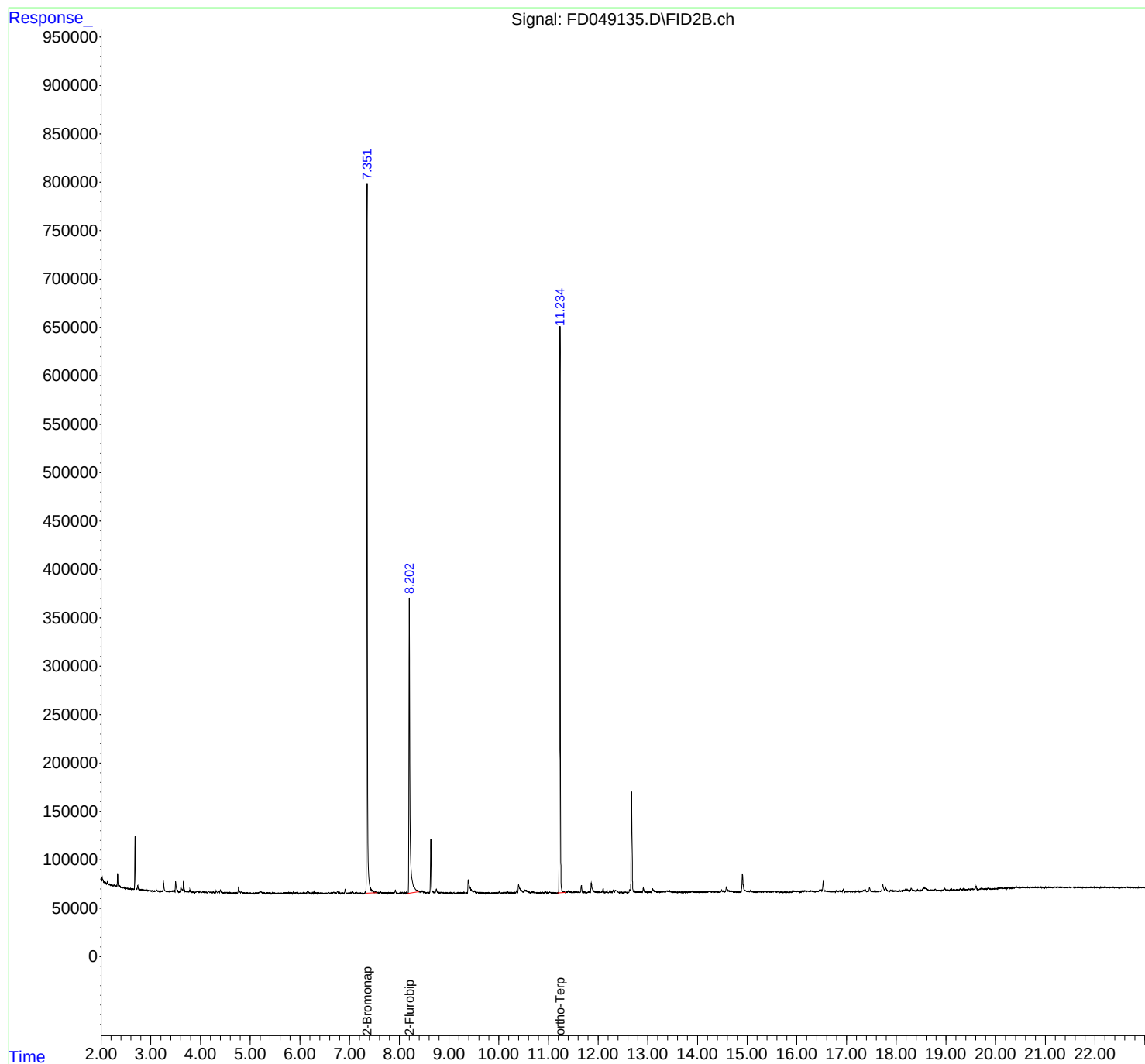
(m)=manual int.

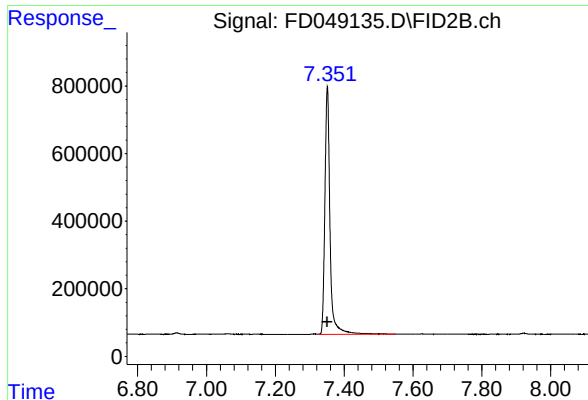
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
Data File : FD049135.D
Signal(s) : FID2B.ch
Acq On : 28 Feb 2025 14:03
Operator : YP/AJ
Sample : Q1415-03
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
B-163-SB02

Integration File: autoint1.e
Quant Time: Mar 01 02:18:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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

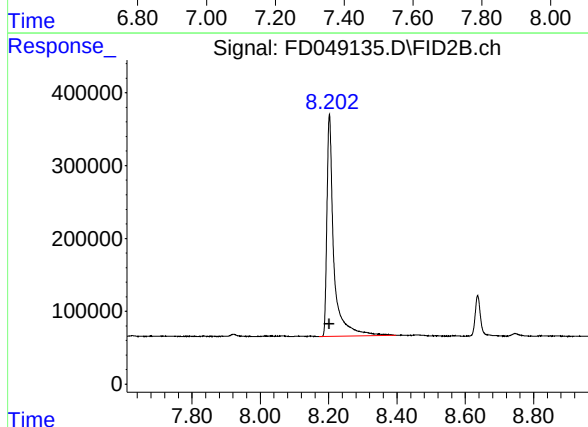




#4 2-Bromonaphthalene (SURR)

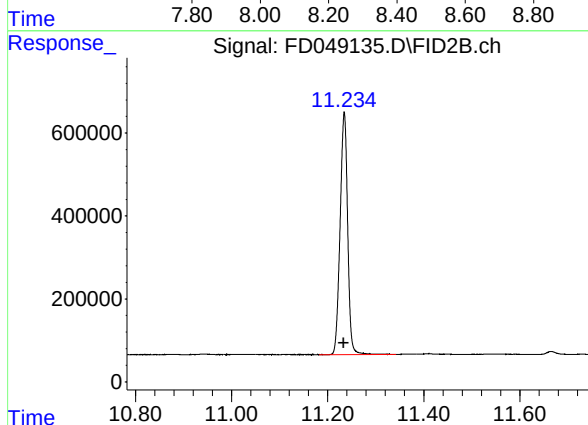
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 7538273
Conc: 52.67 ug/ml

Instrument :
FID_D
ClientSampleId :
B-163-SB02



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 4320522
Conc: 49.15 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: 0.001 min
Response: 6363238
Conc: 39.33 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049135.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 14:03
 Sample : Q1415-03
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: sample.E

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.058	4.042	4.117	PH	846	17566	0.23%	0.064%
2	4.123	4.117	4.144	PV	211	1271	0.02%	0.005%
3	4.165	4.144	4.215	PV	1356	25293	0.33%	0.092%
4	4.220	4.215	4.235	VV	293	2463	0.03%	0.009%
5	4.261	4.235	4.292	VV	578	8855	0.12%	0.032%
6	4.317	4.292	4.345	VV	2060	25198	0.33%	0.091%
7	4.348	4.345	4.357	VV	410	1751	0.02%	0.006%
8	4.372	4.357	4.386	VV	1630	17668	0.23%	0.064%
9	4.401	4.386	4.444	VV	3036	39030	0.51%	0.141%
10	4.456	4.444	4.469	VV	276	3157	0.04%	0.011%
11	4.484	4.469	4.490	VV	442	3828	0.05%	0.014%
12	4.495	4.490	4.534	VV	537	10164	0.13%	0.037%
13	4.537	4.534	4.549	VV	156	1023	0.01%	0.004%
14	4.559	4.549	4.564	VV	286	1571	0.02%	0.006%
15	4.583	4.564	4.602	VV	461	5518	0.07%	0.020%
16	4.606	4.602	4.619	VV	249	1389	0.02%	0.005%
17	4.642	4.619	4.658	PV	211	1854	0.02%	0.007%
18	4.671	4.658	4.679	VV	235	1039	0.01%	0.004%
19	4.695	4.679	4.702	VV	385	2715	0.04%	0.010%
20	4.709	4.702	4.715	VV	222	1555	0.02%	0.006%
21	4.718	4.715	4.731	VV	293	1176	0.02%	0.004%
22	4.768	4.731	4.811	PV	6399	87033	1.14%	0.315%
23	4.828	4.811	4.881	VV	1420	25709	0.34%	0.093%
24	4.890	4.881	4.895	VV	285	1886	0.02%	0.007%
25	4.903	4.895	4.925	VV	296	3832	0.05%	0.014%
26	4.931	4.925	4.946	VV	202	1645	0.02%	0.006%
27	4.970	4.957	4.985	VV	428	4307	0.06%	0.016%
28	5.010	4.985	5.039	PV	242	4549	0.06%	0.016%
29	5.046	5.039	5.054	VV	164	1119	0.01%	0.004%
30	5.067	5.054	5.082	VV	280	2668	0.03%	0.010%
31	5.096	5.082	5.104	VV	312	2221	0.03%	0.008%
32	5.120	5.104	5.132	VV	457	5943	0.08%	0.022%
33	5.137	5.132	5.169	VV	529	8958	0.12%	0.032%
34	5.189	5.169	5.199	VV	1242	15687	0.21%	0.057%
35	5.214	5.199	5.254	VV	2042	33781	0.44%	0.122%
36	5.275	5.254	5.287	VV	643	9337	0.12%	0.034%

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37	5.290	5.287	5.299	VV	368	2025	0.03%	0.007%
38	5.339	5.299	5.345	VV	466	6891	0.09%	0.025%
39	5.350	5.345	5.376	VV	427	5560	0.07%	0.020%
40	5.395	5.376	5.400	VV	369	3722	0.05%	0.013%
41	5.405	5.400	5.429	VV	373	3807	0.05%	0.014%
42	5.441	5.439	5.455	VV	281	1553	0.02%	0.006%
43	5.470	5.455	5.494	VV	500	6228	0.08%	0.023%
44	5.499	5.494	5.512	VV	199	1594	0.02%	0.006%
45	5.517	5.512	5.533	VV	339	1379	0.02%	0.005%
46	5.544	5.533	5.569	VV	294	2684	0.04%	0.010%
47	5.579	5.569	5.590	PV	216	1941	0.03%	0.007%
48	5.598	5.590	5.609	VV	255	1855	0.02%	0.007%
49	5.619	5.609	5.650	VV	215	3914	0.05%	0.014%
50	5.690	5.650	5.700	VV	361	5672	0.07%	0.021%
51	5.724	5.700	5.728	VV	487	5457	0.07%	0.020%
52	5.734	5.728	5.758	VV	457	6381	0.08%	0.023%
53	5.777	5.758	5.792	VV	740	10369	0.14%	0.038%
54	5.817	5.792	5.840	VV	1365	20801	0.27%	0.075%
55	5.845	5.840	5.855	VV	509	3956	0.05%	0.014%
56	5.872	5.855	5.900	VV	1544	21913	0.29%	0.079%
57	5.928	5.900	5.949	VV	652	14244	0.19%	0.052%
58	5.951	5.949	5.984	VV	459	6393	0.08%	0.023%
59	5.997	5.984	6.020	VV	336	4736	0.06%	0.017%
60	6.035	6.020	6.049	VV	380	4137	0.05%	0.015%
61	6.079	6.049	6.111	VV	371	7742	0.10%	0.028%
62	6.121	6.111	6.129	VV	420	3415	0.04%	0.012%
63	6.155	6.129	6.207	VV	2641	49541	0.65%	0.179%
64	6.223	6.207	6.249	VV	1262	16930	0.22%	0.061%
65	6.266	6.249	6.276	VV	758	9762	0.13%	0.035%
66	6.294	6.276	6.348	VV	1930	36846	0.48%	0.133%
67	6.368	6.348	6.452	VV	1075	24850	0.33%	0.090%
68	6.468	6.452	6.481	VV	377	4731	0.06%	0.017%
69	6.489	6.481	6.527	VV	312	7074	0.09%	0.026%
70	6.542	6.527	6.565	VV	311	6296	0.08%	0.023%
71	6.581	6.565	6.611	VV	1154	14998	0.20%	0.054%
72	6.633	6.611	6.660	VV	907	19462	0.26%	0.070%
73	6.680	6.660	6.693	VV	1286	19141	0.25%	0.069%
74	6.703	6.693	6.729	VV	1130	16552	0.22%	0.060%
75	6.757	6.729	6.820	VV	2099	44346	0.58%	0.160%
76	6.839	6.820	6.854	VV	694	11206	0.15%	0.041%
77	6.857	6.854	6.884	VV	689	8436	0.11%	0.031%
78	6.913	6.884	6.954	VV	4343	56966	0.75%	0.206%
79	6.982	6.954	7.014	VV	880	20332	0.27%	0.074%
80	7.025	7.014	7.039	VV	959	10319	0.14%	0.037%
81	7.062	7.039	7.099	VV	2057	32751	0.43%	0.119%
82	7.115	7.099	7.132	VV	666	10164	0.13%	0.037%
83	7.146	7.132	7.174	VV	981	12985	0.17%	0.047%
84	7.180	7.174	7.193	VV	295	2555	0.03%	0.009%
85	7.220	7.193	7.242	VV	352	6703	0.09%	0.024%
86	7.270	7.242	7.283	PV	240	3777	0.05%	0.014%
87	7.315	7.283	7.327	VV	1461	17000	0.22%	0.062%
88	7.351	7.327	7.570	VV	737418	7628977	100.00%	27.606%
89	7.582	7.570	7.599	VV	1040	14763	0.19%	0.053%

					rterres			
90	7.626	7.599	7.661	VV	1572	30444	0.40%	0.110%
91	7.680	7.661	7.699	VV	854	14749	0.19%	0.053%
92	7.713	7.699	7.774	VV	877	26483	0.35%	0.096%
93	7.789	7.774	7.819	VV	449	10978	0.14%	0.040%
94	7.834	7.819	7.851	VV	872	11300	0.15%	0.041%
95	7.865	7.851	7.874	VV	528	6160	0.08%	0.022%
96	7.890	7.874	7.900	VV	804	9357	0.12%	0.034%
97	7.922	7.900	7.984	VV	3372	55877	0.73%	0.202%
98	8.029	7.984	8.048	VV	938	24252	0.32%	0.088%
99	8.066	8.048	8.094	VV	997	17884	0.23%	0.065%
100	8.115	8.094	8.134	VV	673	12752	0.17%	0.046%
101	8.146	8.134	8.177	VV	964	11869	0.16%	0.043%
102	8.203	8.177	8.399	VV	305278	4459132	58.45%	16.136%
103	8.412	8.399	8.442	VV	2214	49489	0.65%	0.179%
104	8.458	8.442	8.502	VV	2308	63265	0.83%	0.229%
105	8.516	8.502	8.554	VV	1239	30303	0.40%	0.110%
106	8.566	8.554	8.593	VV	1306	23034	0.30%	0.083%
107	8.636	8.593	8.718	VV	56174	659890	8.65%	2.388%
108	8.746	8.718	8.807	VV	4287	88987	1.17%	0.322%
109	8.822	8.807	8.856	VV	1213	26457	0.35%	0.096%
110	8.869	8.856	8.904	VV	1019	20437	0.27%	0.074%
111	8.946	8.904	8.997	VV	661	27681	0.36%	0.100%
112	9.020	8.997	9.075	VV	761	21374	0.28%	0.077%
113	9.092	9.075	9.145	VV	961	17997	0.24%	0.065%
114	9.181	9.145	9.216	PV	614	17290	0.23%	0.063%
115	9.239	9.216	9.274	VV	739	17041	0.22%	0.062%
116	9.298	9.274	9.314	VV	818	15132	0.20%	0.055%
117	9.336	9.314	9.344	VV	675	9307	0.12%	0.034%
118	9.358	9.344	9.368	VV	751	8619	0.11%	0.031%
119	9.390	9.368	9.497	VV	13936	398250	5.22%	1.441%
120	9.516	9.497	9.565	VV	2404	59424	0.78%	0.215%
121	9.581	9.565	9.628	VV	937	27933	0.37%	0.101%
122	9.655	9.628	9.675	VV	537	12250	0.16%	0.044%
123	9.682	9.675	9.735	VV	408	10716	0.14%	0.039%
124	9.790	9.735	9.798	PV	536	12834	0.17%	0.046%
125	9.820	9.798	9.847	VV	707	13742	0.18%	0.050%
126	9.856	9.847	9.867	VV	266	2544	0.03%	0.009%
127	9.890	9.867	9.924	VV	535	12128	0.16%	0.044%
128	9.935	9.924	9.980	VV	588	13288	0.17%	0.048%
129	10.012	9.980	10.064	VV	1508	26833	0.35%	0.097%
130	10.103	10.064	10.120	VV	759	15688	0.21%	0.057%
131	10.133	10.120	10.147	VV	798	9636	0.13%	0.035%
132	10.179	10.147	10.208	VV	1023	24342	0.32%	0.088%
133	10.247	10.208	10.282	VV	791	23974	0.31%	0.087%
134	10.323	10.282	10.339	VV	712	17793	0.23%	0.064%
135	10.362	10.339	10.381	VV	1972	28674	0.38%	0.104%
136	10.403	10.381	10.509	VV	8812	263436	3.45%	0.953%
137	10.532	10.509	10.647	VV	3091	136549	1.79%	0.494%
138	10.663	10.647	10.733	VV	1238	41251	0.54%	0.149%
139	10.745	10.733	10.775	VV	594	10984	0.14%	0.040%
140	10.780	10.775	10.792	VV	490	2874	0.04%	0.010%
141	10.814	10.792	10.835	VV	393	6097	0.08%	0.022%

					rteres			
142	10.842	10.835	10.855	VV	414	2308	0.03%	0.008%
143	10.877	10.855	10.901	VV	832	12222	0.16%	0.044%
144	10.943	10.901	10.975	VV	1651	27406	0.36%	0.099%
145	11.030	10.975	11.098	VV	892	29237	0.38%	0.106%
146	11.118	11.098	11.139	VV	405	5430	0.07%	0.020%
147	11.151	11.139	11.198	VV	360	5607	0.07%	0.020%
148	11.235	11.198	11.342	VV	583805	6397440	83.86%	23.150%
149	11.362	11.342	11.381	VV	1295	25615	0.34%	0.093%
150	11.409	11.381	11.437	VV	2249	48442	0.63%	0.175%
151	11.448	11.437	11.482	VV	1207	22904	0.30%	0.083%
152	11.534	11.482	11.544	VV	1138	31819	0.42%	0.115%
153	11.550	11.544	11.583	VV	1262	24728	0.32%	0.089%
154	11.590	11.583	11.627	VV	945	19388	0.25%	0.070%
155	11.665	11.627	11.709	VV	7747	120774	1.58%	0.437%
156	11.729	11.709	11.772	VV	1101	25974	0.34%	0.094%
157	11.816	11.772	11.845	VV	1246	32648	0.43%	0.118%
158	11.865	11.845	12.007	VV	10492	261152	3.42%	0.945%
159	12.013	12.007	12.057	VV	870	20890	0.27%	0.076%
160	12.103	12.057	12.130	VV	4497	75897	0.99%	0.275%
161	12.149	12.130	12.158	VV	665	8587	0.11%	0.031%
162	12.180	12.158	12.205	VV	1683	24331	0.32%	0.088%
163	12.241	12.205	12.289	VV	2520	52824	0.69%	0.191%
164	12.309	12.289	12.330	VV	2984	42597	0.56%	0.154%
165	12.350	12.330	12.440	VV	2810	93877	1.23%	0.340%
166	12.444	12.440	12.465	VV	488	5140	0.07%	0.019%
167	12.508	12.465	12.526	VV	598	15474	0.20%	0.056%
168	12.554	12.526	12.582	VV	596	16648	0.22%	0.060%
169	12.596	12.582	12.613	VV	677	8875	0.12%	0.032%
170	12.637	12.613	12.645	VV	2984	36169	0.47%	0.131%
171	12.676	12.645	12.802	VV	104229	1328438	17.41%	4.807%
172	12.816	12.802	12.837	VV	844	15558	0.20%	0.056%
173	12.846	12.837	12.853	VV	955	7894	0.10%	0.029%
174	12.860	12.853	12.879	VV	927	12124	0.16%	0.044%
175	12.911	12.879	12.951	VV	4912	80827	1.06%	0.292%
176	12.958	12.951	12.968	VV	713	6733	0.09%	0.024%
177	12.998	12.968	13.012	VV	843	17337	0.23%	0.063%
178	13.036	13.012	13.048	VV	890	16016	0.21%	0.058%
179	13.057	13.048	13.067	VV	840	9015	0.12%	0.033%
180	13.095	13.067	13.194	VV	4152	139078	1.82%	0.503%
181	13.229	13.194	13.237	VV	1008	21532	0.28%	0.078%
182	13.256	13.237	13.270	VV	1031	18485	0.24%	0.067%
183	13.300	13.270	13.354	VV	1375	51623	0.68%	0.187%
184	13.385	13.354	13.410	VV	2090	50252	0.66%	0.182%
185	13.430	13.410	13.507	VV	2606	68250	0.89%	0.247%
186	13.528	13.507	13.575	VV	862	25049	0.33%	0.091%
187	13.591	13.575	13.630	VV	728	16347	0.21%	0.059%
188	13.650	13.630	13.659	VV	676	9268	0.12%	0.034%
189	13.666	13.659	13.685	VV	528	7715	0.10%	0.028%
190	13.692	13.685	13.714	VV	507	8192	0.11%	0.030%
191	13.721	13.714	13.753	VV	455	8440	0.11%	0.031%
192	13.765	13.753	13.780	VV	389	5245	0.07%	0.019%
193	13.794	13.780	13.805	VV	491	5379	0.07%	0.019%
194	13.838	13.805	13.855	VV	1005	20621	0.27%	0.075%

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195	13.878	13.855	13.927	VV	1458	41707	0.55%	0.151%
196	13.946	13.927	13.975	VV	691	17495	0.23%	0.063%
197	13.998	13.975	14.017	VV	719	16109	0.21%	0.058%
198	14.050	14.017	14.097	VV	833	32130	0.42%	0.116%
199	14.104	14.097	14.141	VV	738	17020	0.22%	0.062%
200	14.158	14.141	14.170	VV	869	12249	0.16%	0.044%
201	14.193	14.170	14.218	VV	928	22630	0.30%	0.082%
202	14.242	14.218	14.352	VV	1289	73084	0.96%	0.264%
203	14.373	14.352	14.442	VV	1453	41362	0.54%	0.150%
204	14.489	14.442	14.517	VV	2019	55921	0.73%	0.202%
205	14.527	14.517	14.549	VV	1630	23380	0.31%	0.085%
206	14.582	14.549	14.671	VV	5547	168474	2.21%	0.610%
207	14.692	14.671	14.735	VV	1536	43099	0.56%	0.156%
208	14.752	14.735	14.774	VV	824	17004	0.22%	0.062%
209	14.782	14.774	14.824	VV	673	15125	0.20%	0.055%
210	14.833	14.824	14.853	VV	493	7860	0.10%	0.028%
211	14.860	14.853	14.871	VV	451	4515	0.06%	0.016%
212	14.904	14.871	14.980	VV	19220	366877	4.81%	1.328%
213	14.986	14.980	15.047	VV	1562	50737	0.67%	0.184%
214	15.067	15.047	15.159	VV	1804	59826	0.78%	0.216%
215	15.165	15.159	15.178	VV	635	6550	0.09%	0.024%
216	15.187	15.178	15.222	VV	664	12802	0.17%	0.046%
217	15.247	15.222	15.295	VV	878	27355	0.36%	0.099%
218	15.388	15.295	15.413	VV	886	47586	0.62%	0.172%
219	15.432	15.413	15.482	VV	1099	31225	0.41%	0.113%
220	15.506	15.482	15.522	VV	1067	18938	0.25%	0.069%
221	15.543	15.522	15.601	VV	1596	35984	0.47%	0.130%
222	15.615	15.601	15.660	VV	714	13479	0.18%	0.049%
223	15.704	15.660	15.720	VV	337	7279	0.10%	0.026%
224	15.740	15.720	15.787	VV	255	5908	0.08%	0.021%
225	15.795	15.787	15.814	VV	310	2415	0.03%	0.009%
226	15.853	15.814	15.895	PV	260	8344	0.11%	0.030%
227	15.923	15.895	15.967	VV	1812	42621	0.56%	0.154%
228	15.984	15.967	16.005	VV	919	17191	0.23%	0.062%
229	16.019	16.005	16.054	VV	1069	21826	0.29%	0.079%
230	16.059	16.054	16.070	VV	464	3941	0.05%	0.014%
231	16.112	16.070	16.132	VV	1575	30868	0.40%	0.112%
232	16.171	16.132	16.199	VV	1431	46558	0.61%	0.168%
233	16.226	16.199	16.262	VV	1317	38874	0.51%	0.141%
234	16.295	16.262	16.352	VV	1317	47387	0.62%	0.171%
235	16.372	16.352	16.385	VV	750	12169	0.16%	0.044%
236	16.394	16.385	16.431	VV	846	18096	0.24%	0.065%
237	16.454	16.431	16.472	VV	1943	32716	0.43%	0.118%
238	16.488	16.472	16.504	VV	2226	34095	0.45%	0.123%
239	16.529	16.504	16.559	VV	10874	155336	2.04%	0.562%
240	16.577	16.559	16.604	VV	1313	26462	0.35%	0.096%
241	16.613	16.604	16.624	VV	833	8517	0.11%	0.031%
242	16.650	16.624	16.695	VV	924	30178	0.40%	0.109%
243	16.708	16.695	16.729	VV	568	9795	0.13%	0.035%
244	16.732	16.729	16.750	VV	547	4966	0.07%	0.018%
245	16.800	16.750	16.829	VV	1339	29310	0.38%	0.106%
246	16.861	16.829	16.900	VV	1184	32760	0.43%	0.119%

					rterres			
247	16.935	16.900	16.965	VV	2249	43729	0.57%	0.158%
248	16.973	16.965	16.987	VV	544	5915	0.08%	0.021%
249	16.994	16.987	17.006	VV	567	5223	0.07%	0.019%
250	17.033	17.006	17.050	VV	595	13001	0.17%	0.047%
251	17.068	17.050	17.157	VV	662	21877	0.29%	0.079%
252	17.170	17.157	17.200	VV	426	7059	0.09%	0.026%
253	17.215	17.200	17.224	VV	256	3513	0.05%	0.013%
254	17.242	17.224	17.275	VV	458	11249	0.15%	0.041%
255	17.342	17.275	17.354	VV	1409	33970	0.45%	0.123%
256	17.369	17.354	17.402	VV	2632	39224	0.51%	0.142%
257	17.418	17.402	17.437	VV	334	6300	0.08%	0.023%
258	17.462	17.437	17.507	VV	4044	66692	0.87%	0.241%
259	17.520	17.507	17.557	VV	581	11534	0.15%	0.042%
260	17.574	17.557	17.620	VV	488	10016	0.13%	0.036%
261	17.664	17.620	17.685	PV	795	15290	0.20%	0.055%
262	17.727	17.685	17.772	VV	7499	163540	2.14%	0.592%
263	17.791	17.772	17.857	VV	3303	72176	0.95%	0.261%
264	17.891	17.857	17.932	VV	794	22131	0.29%	0.080%
265	17.937	17.932	17.959	VV	344	3367	0.04%	0.012%
266	17.993	17.959	18.017	VV	495	8697	0.11%	0.031%
267	18.028	18.017	18.035	VV	213	1345	0.02%	0.005%
268	18.079	18.035	18.090	VV	266	5570	0.07%	0.020%
269	18.097	18.090	18.109	VV	180	1520	0.02%	0.006%
270	18.197	18.109	18.222	PV	2313	53580	0.70%	0.194%
271	18.234	18.222	18.270	VV	751	9014	0.12%	0.033%
Sum of corrected areas:						27634860		

Aromatic EPH 021125.M Sat Mar 01 03:58:39 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
Data File : FC068328.D
Signal(s) : FID1A.ch
Acq On : 28 Feb 2025 14:40
Operator : YP/AJ
Sample : Q1415-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
B-172-SB02

Integration File: autoint1.e
Quant Time: Mar 05 05:23:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.840	3923025	34.879 ug/ml
Spiked Amount	50.000	Recovery	= 69.76%

Target Compounds

(f)=RT Delta > 1/2 Window

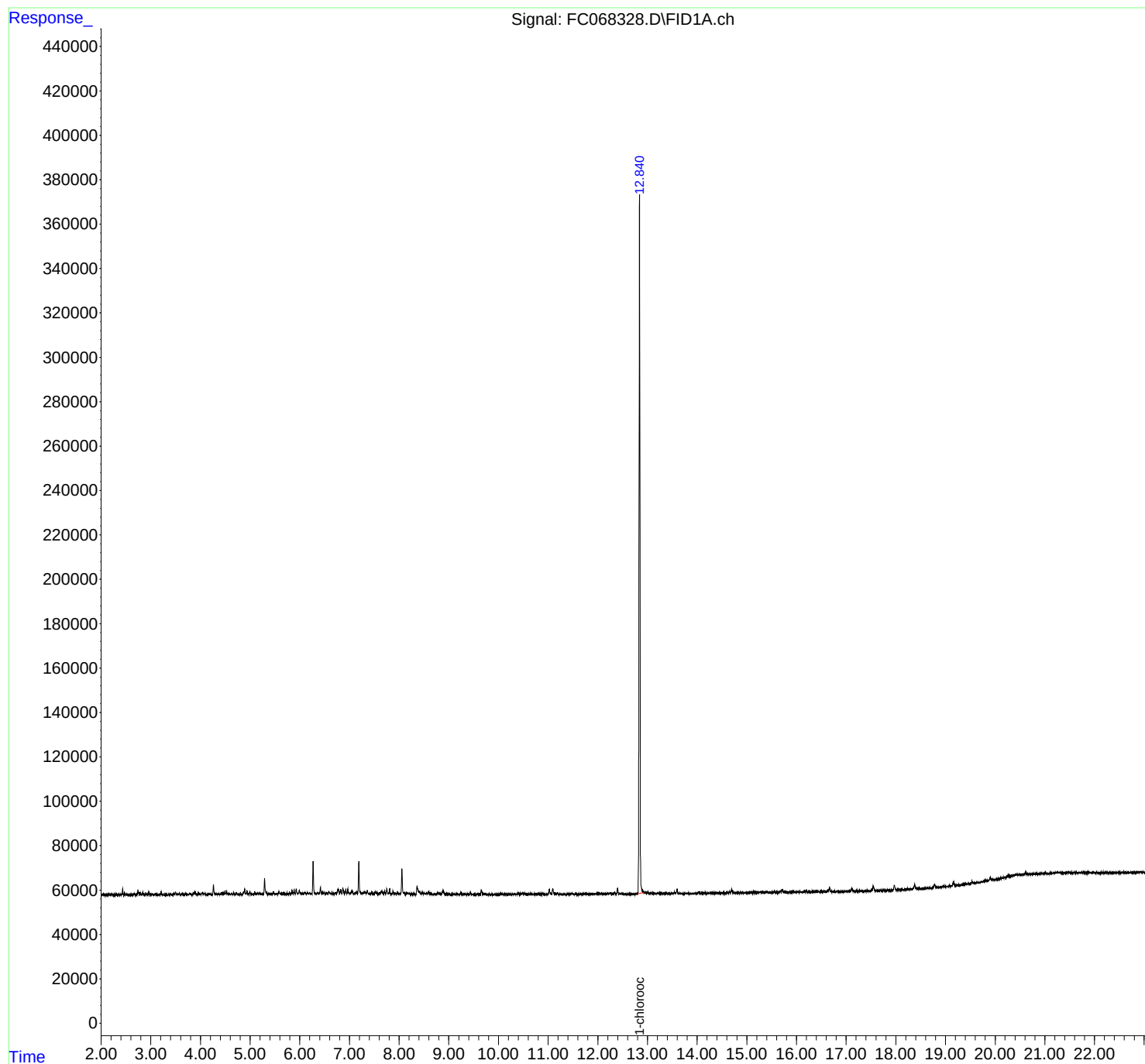
(m)=manual int.

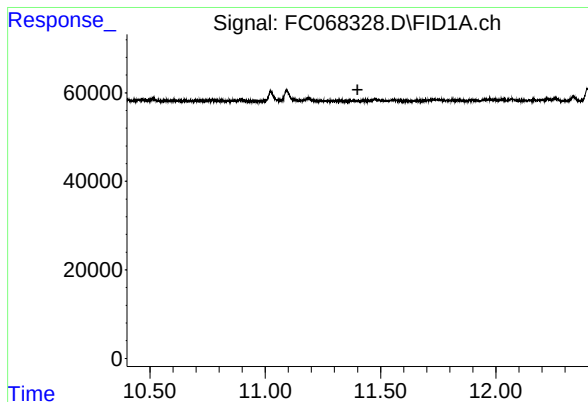
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
Data File : FC068328.D
Signal(s) : FID1A.ch
Acq On : 28 Feb 2025 14:40
Operator : YP/AJ
Sample : Q1415-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
B-172-SB02

Integration File: autoint1.e
Quant Time: Mar 05 05:23:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

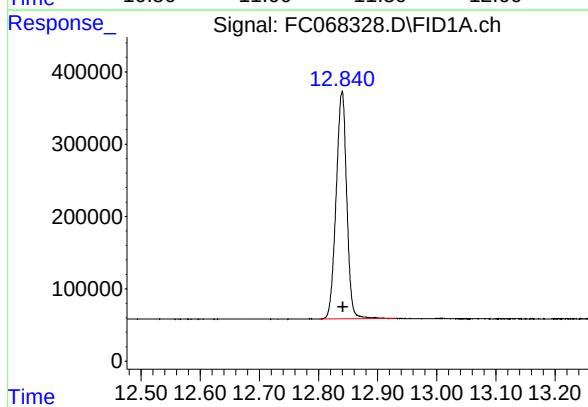




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.400 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
B-172-SB02



#12 1-chlorooctadecane (SURR)

R.T.: 12.840 min
Delta R.T.: -0.002 min
Response: 3923025
Conc: 34.88 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068328.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 14:40
 Sample : Q1415-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.318	2.304	2.347	BV	84	1007	0.03%	0.009%
2	2.360	2.347	2.384	VV	271	2161	0.05%	0.020%
3	2.390	2.384	2.408	PV	72	640	0.02%	0.006%
4	2.432	2.408	2.451	VV	2653	21047	0.53%	0.192%
5	2.473	2.451	2.516	VV	997	10537	0.26%	0.096%
6	2.527	2.516	2.544	VV	111	1543	0.04%	0.014%
7	2.558	2.544	2.581	VV	192	2676	0.07%	0.024%
8	2.593	2.581	2.628	VV	190	2543	0.06%	0.023%
9	2.655	2.628	2.684	VV	675	8637	0.22%	0.079%
10	2.695	2.684	2.702	VV	181	1357	0.03%	0.012%
11	2.708	2.702	2.720	VV	186	1346	0.03%	0.012%
12	2.742	2.720	2.773	VV	1766	25096	0.63%	0.229%
13	2.788	2.773	2.820	VV	793	10037	0.25%	0.091%
14	2.839	2.820	2.885	VV	1008	14166	0.36%	0.129%
15	2.895	2.885	2.901	VV	218	1603	0.04%	0.015%
16	2.917	2.901	2.931	VV	417	5306	0.13%	0.048%
17	2.961	2.931	3.008	VV	1244	17577	0.44%	0.160%
18	3.029	3.008	3.094	VV	329	8339	0.21%	0.076%
19	3.104	3.094	3.121	VV	154	1646	0.04%	0.015%
20	3.123	3.121	3.132	VV	123	429	0.01%	0.004%
21	3.145	3.132	3.175	PV	151	2509	0.06%	0.023%
22	3.207	3.175	3.241	VV	1413	17826	0.45%	0.162%
23	3.248	3.241	3.268	VV	145	2048	0.05%	0.019%
24	3.278	3.268	3.291	VV	99	1041	0.03%	0.009%
25	3.323	3.291	3.361	VV	227	5288	0.13%	0.048%
26	3.405	3.361	3.432	VV	338	6989	0.18%	0.064%
27	3.465	3.432	3.488	VV	544	9890	0.25%	0.090%
28	3.499	3.488	3.550	VV	1345	17076	0.43%	0.156%
29	3.573	3.550	3.594	VV	772	9584	0.24%	0.087%
30	3.627	3.594	3.674	VV	273	8684	0.22%	0.079%
31	3.693	3.674	3.706	VV	406	4783	0.12%	0.044%
32	3.710	3.706	3.722	VV	287	2357	0.06%	0.021%
33	3.732	3.722	3.760	VV	300	3936	0.10%	0.036%
34	3.779	3.760	3.828	VV	495	12436	0.31%	0.113%
35	3.865	3.828	3.878	VV	1094	15139	0.38%	0.138%
36	3.893	3.878	3.911	VV	1469	16383	0.41%	0.149%

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37	3.924	3.911	3.939	VV	425	5901	0.15%	0.054%
38	3.959	3.939	3.999	VV	1200	16210	0.41%	0.148%
39	4.039	3.999	4.054	VV	971	17891	0.45%	0.163%
40	4.066	4.054	4.138	VV	574	15534	0.39%	0.142%
41	4.172	4.138	4.201	VV	396	9871	0.25%	0.090%
42	4.212	4.201	4.234	VV	441	5765	0.14%	0.053%
43	4.262	4.234	4.315	VV	4640	59446	1.49%	0.542%
44	4.328	4.315	4.348	VV	396	5947	0.15%	0.054%
45	4.364	4.348	4.393	VV	551	8497	0.21%	0.077%
46	4.427	4.393	4.444	VV	1010	17681	0.44%	0.161%
47	4.456	4.444	4.471	VV	709	9163	0.23%	0.083%
48	4.484	4.471	4.496	VV	814	9574	0.24%	0.087%
49	4.513	4.496	4.528	VV	2005	20567	0.52%	0.187%
50	4.538	4.528	4.553	VV	852	9318	0.23%	0.085%
51	4.567	4.553	4.581	VV	633	8310	0.21%	0.076%
52	4.586	4.581	4.602	VV	547	5263	0.13%	0.048%
53	4.630	4.602	4.648	VV	694	12468	0.31%	0.114%
54	4.668	4.648	4.688	VV	596	11486	0.29%	0.105%
55	4.724	4.688	4.763	VV	973	18915	0.48%	0.172%
56	4.779	4.763	4.798	VV	403	5878	0.15%	0.054%
57	4.812	4.798	4.834	VV	590	8279	0.21%	0.075%
58	4.891	4.834	4.918	VV	2728	52711	1.33%	0.480%
59	4.936	4.918	4.978	VV	1749	29690	0.75%	0.271%
60	4.997	4.978	5.032	VV	1555	21824	0.55%	0.199%
61	5.053	5.032	5.071	VV	371	6291	0.16%	0.057%
62	5.089	5.071	5.122	VV	773	16695	0.42%	0.152%
63	5.148	5.122	5.164	VV	802	14090	0.35%	0.128%
64	5.178	5.164	5.193	VV	662	8732	0.22%	0.080%
65	5.204	5.193	5.225	VV	534	8189	0.21%	0.075%
66	5.235	5.225	5.253	VV	431	6101	0.15%	0.056%
67	5.291	5.253	5.322	VV	7313	93239	2.34%	0.850%
68	5.330	5.322	5.354	VV	1078	14453	0.36%	0.132%
69	5.408	5.354	5.424	VV	497	16534	0.42%	0.151%
70	5.468	5.424	5.513	VV	1370	33983	0.85%	0.310%
71	5.539	5.513	5.555	VV	609	11250	0.28%	0.103%
72	5.581	5.555	5.615	VV	1344	26551	0.67%	0.242%
73	5.636	5.615	5.660	VV	774	14059	0.35%	0.128%
74	5.674	5.660	5.713	VV	738	16166	0.41%	0.147%
75	5.743	5.713	5.764	VV	798	14388	0.36%	0.131%
76	5.793	5.764	5.810	VV	825	15111	0.38%	0.138%
77	5.845	5.810	5.867	VV	1651	34746	0.87%	0.317%
78	5.886	5.867	5.907	VV	1897	25490	0.64%	0.232%
79	5.929	5.907	5.963	VV	2553	38991	0.98%	0.355%
80	5.990	5.963	6.034	VV	2008	39581	0.99%	0.361%
81	6.067	6.034	6.084	VV	752	17749	0.45%	0.162%
82	6.100	6.084	6.128	VV	965	17408	0.44%	0.159%
83	6.149	6.128	6.174	VV	935	19087	0.48%	0.174%
84	6.194	6.174	6.224	VV	782	17702	0.44%	0.161%
85	6.235	6.224	6.248	VV	658	8333	0.21%	0.076%
86	6.269	6.248	6.337	VV	15051	184715	4.64%	1.683%
87	6.353	6.337	6.374	VV	933	15757	0.40%	0.144%
88	6.388	6.374	6.397	VV	912	9950	0.25%	0.091%
89	6.416	6.397	6.441	VV	3389	46302	1.16%	0.422%

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90	6.451	6.441	6.470	VV	1066	14348	0.36%	0.131%
91	6.487	6.470	6.518	VV	1222	20997	0.53%	0.191%
92	6.544	6.518	6.563	VV	776	17742	0.45%	0.162%
93	6.586	6.563	6.611	VV	1550	28131	0.71%	0.256%
94	6.621	6.611	6.635	VV	755	9169	0.23%	0.084%
95	6.651	6.635	6.691	VV	837	19597	0.49%	0.179%
96	6.709	6.691	6.740	VV	972	21722	0.55%	0.198%
97	6.783	6.740	6.801	VV	2241	54712	1.38%	0.499%
98	6.824	6.801	6.848	VV	2395	37534	0.94%	0.342%
99	6.869	6.848	6.908	VV	3082	53210	1.34%	0.485%
100	6.926	6.908	6.945	VV	2472	30423	0.76%	0.277%
101	6.967	6.945	7.006	VV	2676	45152	1.14%	0.411%
102	7.049	7.006	7.081	VV	1821	48565	1.22%	0.442%
103	7.109	7.081	7.116	VV	879	16499	0.41%	0.150%
104	7.132	7.116	7.164	VV	1155	27015	0.68%	0.246%
105	7.189	7.164	7.264	VV	15056	196828	4.95%	1.793%
106	7.309	7.264	7.338	VV	1027	38905	0.98%	0.354%
107	7.359	7.338	7.384	VV	1691	30108	0.76%	0.274%
108	7.399	7.384	7.419	VV	702	11364	0.29%	0.104%
109	7.448	7.419	7.476	VV	1203	22765	0.57%	0.207%
110	7.521	7.476	7.538	VV	1235	27816	0.70%	0.253%
111	7.551	7.538	7.582	VV	894	16498	0.41%	0.150%
112	7.610	7.582	7.624	VV	976	16416	0.41%	0.150%
113	7.642	7.624	7.654	VV	1503	20430	0.51%	0.186%
114	7.666	7.654	7.687	VV	1454	19071	0.48%	0.174%
115	7.708	7.687	7.731	VV	1542	22878	0.58%	0.208%
116	7.753	7.731	7.784	VV	2665	38396	0.97%	0.350%
117	7.809	7.784	7.831	VV	2710	35584	0.89%	0.324%
118	7.842	7.831	7.857	VV	574	7273	0.18%	0.066%
119	7.877	7.857	7.898	VV	1785	23622	0.59%	0.215%
120	7.909	7.898	7.943	VV	573	11743	0.30%	0.107%
121	7.965	7.943	7.984	VV	1175	17076	0.43%	0.156%
122	8.008	7.984	8.028	VV	531	12007	0.30%	0.109%
123	8.057	8.028	8.095	VV	11821	146219	3.68%	1.332%
124	8.103	8.095	8.129	VV	815	11200	0.28%	0.102%
125	8.156	8.129	8.184	VV	765	19706	0.50%	0.180%
126	8.203	8.184	8.228	VV	647	11563	0.29%	0.105%
127	8.247	8.228	8.274	VV	482	8317	0.21%	0.076%
128	8.289	8.274	8.318	VV	458	6725	0.17%	0.061%
129	8.362	8.318	8.444	VV	3877	104325	2.62%	0.951%
130	8.470	8.444	8.490	VV	865	20287	0.51%	0.185%
131	8.508	8.490	8.528	VV	713	13802	0.35%	0.126%
132	8.546	8.528	8.571	VV	694	14288	0.36%	0.130%
133	8.592	8.571	8.634	VV	1360	27987	0.70%	0.255%
134	8.647	8.634	8.684	VV	545	9856	0.25%	0.090%
135	8.705	8.684	8.734	VV	312	6978	0.18%	0.064%
136	8.776	8.734	8.797	VV	1037	19194	0.48%	0.175%
137	8.812	8.797	8.831	VV	677	10566	0.27%	0.096%
138	8.838	8.831	8.861	VV	477	7894	0.20%	0.072%
139	8.884	8.861	8.941	VV	1819	41592	1.05%	0.379%
140	8.963	8.941	8.996	VV	564	9155	0.23%	0.083%
141	9.010	8.996	9.048	VV	393	6257	0.16%	0.057%

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142	9.059	9.048	9.086	VV	268	4932	0.12%	0.045%
143	9.115	9.086	9.151	VV	323	9399	0.24%	0.086%
144	9.176	9.151	9.217	VV	484	11164	0.28%	0.102%
145	9.242	9.217	9.281	VV	818	16173	0.41%	0.147%
146	9.294	9.281	9.356	VV	425	10372	0.26%	0.095%
147	9.384	9.356	9.411	VV	379	7965	0.20%	0.073%
148	9.434	9.411	9.478	VV	1119	15917	0.40%	0.145%
149	9.487	9.478	9.507	VV	104	1607	0.04%	0.015%
150	9.523	9.507	9.548	VV	160	2433	0.06%	0.022%
151	9.576	9.548	9.621	VV	427	10073	0.25%	0.092%
152	9.655	9.621	9.706	VV	2091	35567	0.89%	0.324%
153	9.725	9.706	9.787	VV	316	10206	0.26%	0.093%
154	9.798	9.787	9.808	VV	144	1420	0.04%	0.013%
155	9.828	9.808	9.846	VV	153	2514	0.06%	0.023%
156	9.861	9.846	9.880	VV	92	1103	0.03%	0.010%
157	9.935	9.880	9.944	PV	217	5098	0.13%	0.046%
158	9.969	9.944	10.008	VV	246	7603	0.19%	0.069%
159	10.038	10.008	10.064	VV	494	11080	0.28%	0.101%
160	10.077	10.064	10.102	VV	290	4901	0.12%	0.045%
161	10.130	10.102	10.148	VV	256	4870	0.12%	0.044%
162	10.162	10.148	10.177	VV	204	2615	0.07%	0.024%
163	10.188	10.177	10.198	VV	160	1752	0.04%	0.016%
164	10.250	10.198	10.261	VV	272	5790	0.15%	0.053%
165	10.275	10.261	10.301	VV	235	4009	0.10%	0.037%
166	10.330	10.301	10.354	VV	368	8826	0.22%	0.080%
167	10.392	10.354	10.428	VV	564	16592	0.42%	0.151%
168	10.467	10.428	10.491	VV	533	13943	0.35%	0.127%
169	10.513	10.491	10.545	VV	625	12955	0.33%	0.118%
170	10.571	10.545	10.588	VV	338	5648	0.14%	0.051%
171	10.605	10.588	10.627	VV	343	5257	0.13%	0.048%
172	10.647	10.627	10.668	VV	266	4605	0.12%	0.042%
173	10.720	10.668	10.734	VV	294	7760	0.20%	0.071%
174	10.768	10.734	10.801	VV	329	9414	0.24%	0.086%
175	10.812	10.801	10.829	VV	286	3861	0.10%	0.035%
176	10.845	10.829	10.854	VV	180	2394	0.06%	0.022%
177	10.864	10.854	10.874	VV	196	1979	0.05%	0.018%
178	10.894	10.874	10.940	VV	496	9196	0.23%	0.084%
179	10.951	10.940	10.980	VV	160	2650	0.07%	0.024%
180	10.991	10.980	10.997	VV	149	1318	0.03%	0.012%
181	11.024	10.997	11.067	VV	2208	37011	0.93%	0.337%
182	11.093	11.067	11.163	VV	2531	47103	1.18%	0.429%
183	11.188	11.163	11.218	VV	726	12919	0.32%	0.118%
184	11.237	11.218	11.284	VV	143	4304	0.11%	0.039%
185	11.299	11.284	11.321	VV	146	2282	0.06%	0.021%
186	11.332	11.321	11.358	VV	197	1863	0.05%	0.017%
187	11.391	11.358	11.415	PV	160	4147	0.10%	0.038%
188	11.477	11.415	11.534	VV	479	14690	0.37%	0.134%
189	11.555	11.534	11.601	VV	307	6638	0.17%	0.060%
190	11.615	11.601	11.638	VV	123	1452	0.04%	0.013%
191	11.669	11.638	11.675	VV	146	2513	0.06%	0.023%
192	11.730	11.675	11.782	VV	424	17708	0.45%	0.161%
193	11.810	11.782	11.820	VV	285	4377	0.11%	0.040%
194	11.846	11.820	11.872	VV	291	5261	0.13%	0.048%

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195	11.892	11.872	11.902	VV	270	3684	0.09%	0.034%
196	11.906	11.902	11.932	VV	277	3228	0.08%	0.029%
197	11.972	11.932	12.014	VV	425	14475	0.36%	0.132%
198	12.029	12.014	12.047	VV	415	5971	0.15%	0.054%
199	12.069	12.047	12.114	VV	468	9886	0.25%	0.090%
200	12.166	12.114	12.181	VV	282	7268	0.18%	0.066%
201	12.222	12.181	12.241	VV	444	10716	0.27%	0.098%
202	12.259	12.241	12.288	VV	673	10191	0.26%	0.093%
203	12.336	12.288	12.365	VV	1071	16438	0.41%	0.150%
204	12.396	12.365	12.424	VV	2814	35457	0.89%	0.323%
205	12.444	12.424	12.494	VV	264	6325	0.16%	0.058%
206	12.518	12.494	12.598	VV	231	5614	0.14%	0.051%
207	12.611	12.598	12.624	VV	72	583	0.01%	0.005%
208	12.647	12.624	12.664	PV	122	1808	0.05%	0.016%
209	12.679	12.664	12.738	VV	141	4710	0.12%	0.043%
210	12.786	12.738	12.800	VV	252	5997	0.15%	0.055%
211	12.840	12.800	12.977	VV	317310	3978048	100.00%	36.246%
212	13.007	12.977	13.048	VV	744	22430	0.56%	0.204%
213	13.064	13.048	13.098	VV	422	10316	0.26%	0.094%
214	13.127	13.098	13.188	VV	340	14833	0.37%	0.135%
215	13.220	13.188	13.244	VV	339	8783	0.22%	0.080%
216	13.294	13.244	13.341	VV	360	13620	0.34%	0.124%
217	13.349	13.341	13.374	VV	231	3767	0.09%	0.034%
218	13.398	13.374	13.436	VV	291	7339	0.18%	0.067%
219	13.458	13.436	13.484	VV	313	5493	0.14%	0.050%
220	13.542	13.484	13.566	VV	848	16681	0.42%	0.152%
221	13.594	13.566	13.648	VV	2083	34625	0.87%	0.315%
222	13.653	13.648	13.760	VV	177	5225	0.13%	0.048%
223	13.773	13.760	13.784	PV	86	715	0.02%	0.007%
224	13.825	13.784	13.882	VV	130	4988	0.13%	0.045%
225	13.894	13.882	13.929	VV	140	2463	0.06%	0.022%
226	13.938	13.929	13.951	VV	123	1168	0.03%	0.011%
227	14.030	13.951	14.081	VV	713	18243	0.46%	0.166%
228	14.084	14.081	14.131	VV	215	3707	0.09%	0.034%
229	14.152	14.131	14.234	VV	283	8901	0.22%	0.081%
230	14.279	14.234	14.299	VV	200	4966	0.12%	0.045%
231	14.360	14.299	14.387	VV	222	6366	0.16%	0.058%
232	14.453	14.387	14.491	VV	249	8418	0.21%	0.077%
233	14.544	14.491	14.597	VV	238	8889	0.22%	0.081%
234	14.608	14.597	14.627	VV	167	2266	0.06%	0.021%
235	14.652	14.627	14.671	VV	710	12215	0.31%	0.111%
236	14.694	14.671	14.729	VV	1680	28982	0.73%	0.264%
237	14.737	14.729	14.830	VV	238	8208	0.21%	0.075%
238	14.864	14.830	14.881	VV	203	3525	0.09%	0.032%
239	14.954	14.881	14.968	VV	165	6490	0.16%	0.059%
240	14.977	14.968	14.987	VV	140	1097	0.03%	0.010%
241	15.003	14.987	15.041	VV	138	3210	0.08%	0.029%
242	15.147	15.041	15.170	VV	240	13153	0.33%	0.120%
243	15.215	15.170	15.248	VV	326	10370	0.26%	0.094%
244	15.261	15.248	15.309	VV	273	6548	0.16%	0.060%
245	15.409	15.309	15.484	VV	250	16392	0.41%	0.149%
246	15.528	15.484	15.644	VV	305	17363	0.44%	0.158%

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247	15.713	15.644	15.838	VV	1362	43577	1.10%	0.397%
248	15.899	15.838	15.975	VV	211	11691	0.29%	0.107%
249	16.025	15.975	16.138	VV	244	14640	0.37%	0.133%
250	16.196	16.138	16.311	VV	630	23070	0.58%	0.210%
251	16.364	16.311	16.404	VV	216	9808	0.25%	0.089%
252	16.431	16.404	16.458	VV	173	5333	0.13%	0.049%
253	16.554	16.458	16.598	VV	322	15241	0.38%	0.139%
254	16.661	16.598	16.758	VV	1676	40528	1.02%	0.369%
255	16.811	16.758	16.864	PV	197	6937	0.17%	0.063%
256	16.887	16.864	16.925	VV	149	3111	0.08%	0.028%
257	16.989	16.925	17.008	PV	145	4900	0.12%	0.045%
258	17.112	17.008	17.194	PV	1331	29232	0.73%	0.266%
259	17.226	17.194	17.261	VV	190	4247	0.11%	0.039%
260	17.547	17.261	17.623	VV	2042	56398	1.42%	0.514%
261	17.674	17.623	17.788	VV	219	10629	0.27%	0.097%
262	17.838	17.788	17.864	PV	198	5054	0.13%	0.046%
263	17.970	17.864	18.051	VV	2187	43051	1.08%	0.392%
264	18.113	18.051	18.128	VV	119	3672	0.09%	0.033%
265	18.147	18.128	18.168	VV	107	1161	0.03%	0.011%
266	18.255	18.168	18.318	PV	198	8695	0.22%	0.079%
267	18.380	18.318	18.441	VV	2200	43813	1.10%	0.399%
268	18.778	18.441	18.828	PV	1462	34585	0.87%	0.315%
269	18.967	18.828	18.984	PV	205	7284	0.18%	0.066%
270	19.022	18.984	19.041	PV	211	5269	0.13%	0.048%
271	19.162	19.041	19.223	VV	1828	47317	1.19%	0.431%
272	19.474	19.223	19.501	VV	495	55306	1.39%	0.504%
273	19.537	19.501	19.604	VV	1298	44141	1.11%	0.402%
274	19.798	19.604	19.841	VV	1400	122753	3.09%	1.118%
275	19.902	19.841	19.938	VV	2356	86323	2.17%	0.787%
276	19.973	19.938	19.990	VV	1413	42495	1.07%	0.387%
277	20.258	19.990	20.294	VV	2624	324664	8.16%	2.958%
278	20.433	20.294	20.471	VV	2763	266875	6.71%	2.432%
279	20.614	20.471	20.658	VV	3222	299357	7.53%	2.728%
280	20.758	20.658	20.778	VV	2420	171778	4.32%	1.565%
281	20.857	20.778	20.874	VV	2288	132112	3.32%	1.204%
282	20.944	20.874	20.974	VV	2249	131187	3.30%	1.195%
283	21.017	20.974	21.073	VV	2252	126594	3.18%	1.153%
284	21.284	21.073	21.384	VV	2116	365551	9.19%	3.331%
285	21.466	21.384	21.521	VV	1840	132666	3.33%	1.209%
286	21.533	21.521	21.583	VV	1481	50791	1.28%	0.463%
287	21.717	21.583	21.758	VV	1178	122946	3.09%	1.120%
288	21.774	21.758	21.944	VV	1063	88784	2.23%	0.809%
289	21.987	21.944	22.068	VV	580	34626	0.87%	0.315%
290	22.174	22.068	22.191	VV	330	16571	0.42%	0.151%

Sum of corrected areas: 10975145

Aliphatic EPH 021125.M Sat Mar 01 01:27:25 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049136.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 14:40
 Operator : YP/AJ
 Sample : Q1415-04
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-172-SB02

Integration File: autoint1.e
 Quant Time: Mar 01 02:19:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.351	8127994	56.796 ug/ml
Spiked Amount 50.000		Recovery =	113.59%
6) S 2-Fluorobiphenyl (SURR)	8.202	5189155	59.027 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.05%
11) S ortho-Terphenyl (SURR)	11.235	6703578	41.438 ug/ml
Spiked Amount 50.000		Recovery =	82.88%

Target Compounds

(f)=RT Delta > 1/2 Window

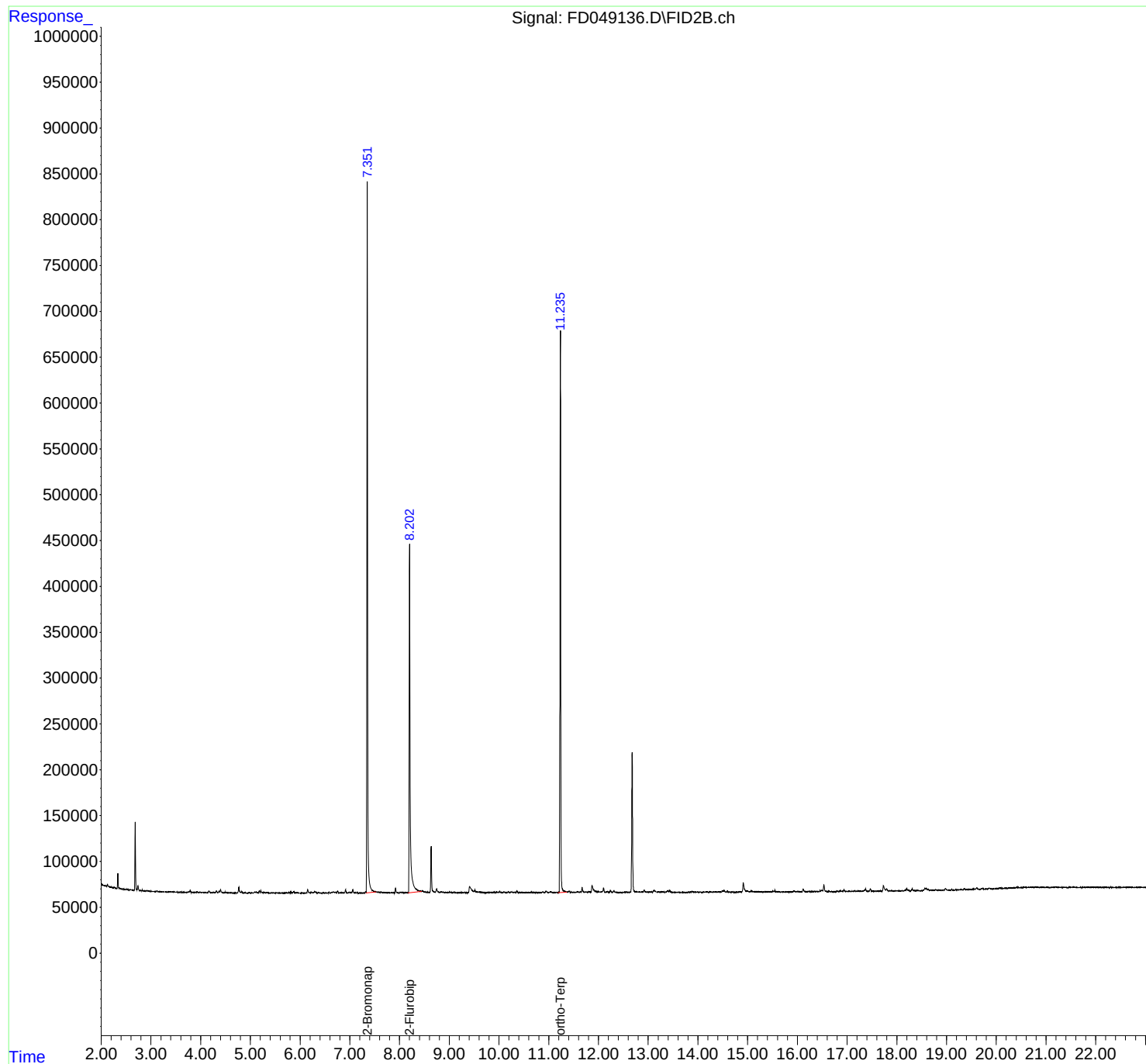
(m)=manual int.

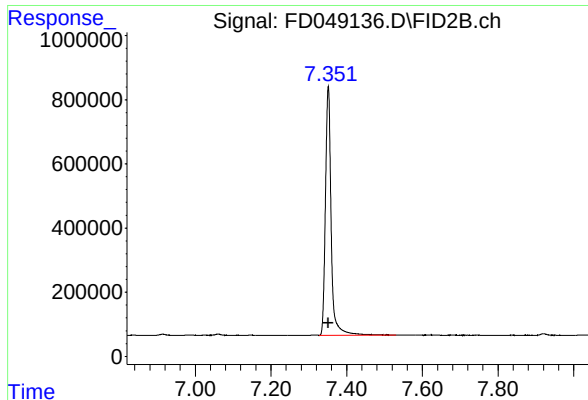
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
Data File : FD049136.D
Signal(s) : FID2B.ch
Acq On : 28 Feb 2025 14:40
Operator : YP/AJ
Sample : Q1415-04
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
B-172-SB02

Integration File: autoint1.e
Quant Time: Mar 01 02:19:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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

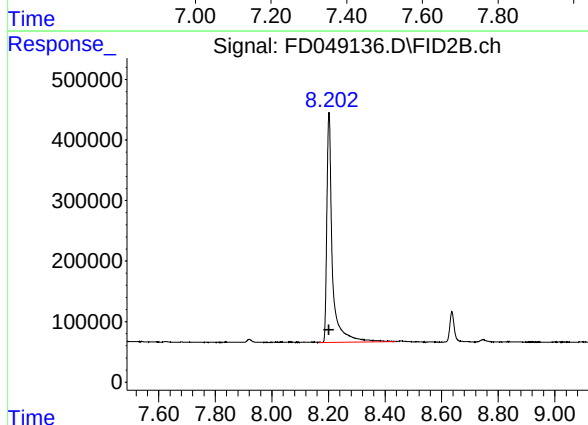




#4 2-Bromonaphthalene (SURR)

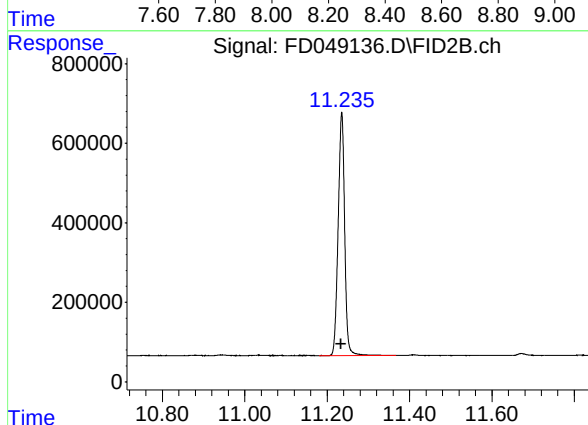
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 8127994
Conc: 56.80 ug/ml

Instrument :
FID_D
ClientSampleId :
B-172-SB02



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 5189155
Conc: 59.03 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: 0.002 min
Response: 6703578
Conc: 41.44 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049136.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 14:40
 Sample : Q1415-04
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: sample.E

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.089	4.052	4.117	BV	244	2795	0.03%	0.010%
2	4.163	4.138	4.207	PV	1842	29627	0.36%	0.102%
3	4.218	4.207	4.229	VV	184	2076	0.03%	0.007%
4	4.261	4.229	4.299	VV	584	13753	0.17%	0.047%
5	4.316	4.299	4.347	VV	2476	31627	0.39%	0.109%
6	4.371	4.347	4.384	VV	2209	25487	0.31%	0.087%
7	4.400	4.384	4.450	VV	3820	55354	0.68%	0.190%
8	4.455	4.450	4.459	VV	434	1895	0.02%	0.007%
9	4.462	4.459	4.475	VV	417	3274	0.04%	0.011%
10	4.487	4.475	4.491	VV	540	4267	0.05%	0.015%
11	4.502	4.491	4.506	VV	880	5153	0.06%	0.018%
12	4.512	4.506	4.542	VV	754	9852	0.12%	0.034%
13	4.549	4.542	4.558	VV	368	2571	0.03%	0.009%
14	4.564	4.558	4.571	VV	243	1476	0.02%	0.005%
15	4.582	4.571	4.592	VV	370	3389	0.04%	0.012%
16	4.601	4.592	4.637	VV	516	6617	0.08%	0.023%
17	4.691	4.654	4.702	PV	678	7078	0.09%	0.024%
18	4.706	4.702	4.717	VV	423	2752	0.03%	0.009%
19	4.728	4.717	4.734	VV	331	2712	0.03%	0.009%
20	4.768	4.734	4.811	VV	6711	101323	1.24%	0.348%
21	4.827	4.811	4.875	VV	1731	24463	0.30%	0.084%
22	4.889	4.875	4.894	VV	391	3001	0.04%	0.010%
23	4.900	4.894	4.916	VV	379	2994	0.04%	0.010%
24	4.939	4.916	4.951	PV	299	3756	0.05%	0.013%
25	4.969	4.951	5.020	VV	477	12264	0.15%	0.042%
26	5.037	5.029	5.048	VV	324	2724	0.03%	0.009%
27	5.090	5.048	5.111	VV	1072	26621	0.32%	0.091%
28	5.117	5.111	5.134	VV	987	11739	0.14%	0.040%
29	5.145	5.134	5.160	VV	861	10184	0.12%	0.035%
30	5.179	5.160	5.200	VV	2598	35091	0.43%	0.120%
31	5.212	5.200	5.255	VV	2596	36609	0.45%	0.126%
32	5.270	5.255	5.300	VV	934	15116	0.18%	0.052%
33	5.304	5.300	5.307	VV	341	1321	0.02%	0.005%
34	5.336	5.307	5.346	VV	720	11769	0.14%	0.040%
35	5.359	5.346	5.380	VV	635	9207	0.11%	0.032%
36	5.384	5.380	5.392	VV	350	1545	0.02%	0.005%

					rteres			
37	5.404	5.392	5.409	VV	315	2240	0.03%	0.008%
38	5.417	5.409	5.422	VV	373	2442	0.03%	0.008%
39	5.430	5.422	5.442	VV	506	2729	0.03%	0.009%
40	5.462	5.442	5.496	VV	708	9547	0.12%	0.033%
41	5.501	5.496	5.514	VV	280	2239	0.03%	0.008%
42	5.520	5.514	5.529	VV	432	2558	0.03%	0.009%
43	5.533	5.529	5.538	VV	363	1534	0.02%	0.005%
44	5.546	5.538	5.589	VV	362	7308	0.09%	0.025%
45	5.604	5.589	5.612	VV	270	2701	0.03%	0.009%
46	5.620	5.612	5.625	VV	377	2482	0.03%	0.009%
47	5.629	5.625	5.668	VV	336	4850	0.06%	0.017%
48	5.694	5.668	5.702	VV	319	4259	0.05%	0.015%
49	5.705	5.702	5.713	VV	327	1465	0.02%	0.005%
50	5.737	5.713	5.758	VV	580	10430	0.13%	0.036%
51	5.781	5.758	5.797	VV	756	11413	0.14%	0.039%
52	5.814	5.797	5.851	VV	1345	22758	0.28%	0.078%
53	5.871	5.851	5.909	VV	1800	30365	0.37%	0.104%
54	5.937	5.909	5.989	VV	746	18370	0.22%	0.063%
55	6.027	6.001	6.048	PV	466	5630	0.07%	0.019%
56	6.056	6.048	6.100	VV	247	5926	0.07%	0.020%
57	6.109	6.100	6.114	VV	308	2120	0.03%	0.007%
58	6.119	6.114	6.125	VV	248	1611	0.02%	0.006%
59	6.153	6.125	6.202	VV	4058	65840	0.80%	0.226%
60	6.221	6.202	6.249	VV	1397	20118	0.25%	0.069%
61	6.266	6.249	6.276	VV	840	10054	0.12%	0.035%
62	6.293	6.276	6.348	VV	2133	40129	0.49%	0.138%
63	6.367	6.348	6.394	VV	1086	15777	0.19%	0.054%
64	6.407	6.394	6.426	VV	561	6305	0.08%	0.022%
65	6.431	6.426	6.437	VV	276	1717	0.02%	0.006%
66	6.463	6.437	6.495	VV	394	9855	0.12%	0.034%
67	6.506	6.495	6.512	VV	347	2643	0.03%	0.009%
68	6.519	6.512	6.527	VV	310	2254	0.03%	0.008%
69	6.530	6.527	6.542	VV	275	1930	0.02%	0.007%
70	6.552	6.542	6.559	VV	307	2177	0.03%	0.007%
71	6.579	6.559	6.608	VV	1161	14836	0.18%	0.051%
72	6.647	6.608	6.657	VV	1187	22900	0.28%	0.079%
73	6.680	6.657	6.692	VV	1243	23640	0.29%	0.081%
74	6.706	6.692	6.728	VV	1147	17436	0.21%	0.060%
75	6.755	6.728	6.791	VV	2300	38437	0.47%	0.132%
76	6.807	6.791	6.819	VV	583	7848	0.10%	0.027%
77	6.837	6.819	6.850	VV	961	12312	0.15%	0.042%
78	6.857	6.850	6.877	VV	575	6833	0.08%	0.023%
79	6.882	6.877	6.887	VV	328	1524	0.02%	0.005%
80	6.914	6.887	6.952	VV	4064	50210	0.61%	0.172%
81	6.979	6.952	7.010	VV	990	21047	0.26%	0.072%
82	7.026	7.010	7.034	VV	991	10285	0.13%	0.035%
83	7.060	7.034	7.103	VV	4046	57587	0.70%	0.198%
84	7.110	7.103	7.133	VV	710	8908	0.11%	0.031%
85	7.146	7.133	7.167	VV	935	10777	0.13%	0.037%
86	7.176	7.167	7.196	VV	342	4544	0.06%	0.016%
87	7.202	7.196	7.211	VV	353	2171	0.03%	0.007%
88	7.225	7.211	7.242	VV	325	3630	0.04%	0.012%
89	7.260	7.242	7.265	PV	253	2068	0.03%	0.007%

					rt	Area	Height	%Area	%Height
90	7.271	7.265	7.278	VV	294	1206	0.01%	0.004%	
91	7.315	7.289	7.329	VV	1541	19027	0.23%	0.065%	
92	7.351	7.329	7.499	VV	776195	8199017	100.00%	28.134%	
93	7.509	7.499	7.535	VV	1605	33388	0.41%	0.115%	
94	7.543	7.535	7.568	VV	1470	24134	0.29%	0.083%	
95	7.582	7.568	7.609	VV	1255	23096	0.28%	0.079%	
96	7.624	7.609	7.660	VV	1673	29585	0.36%	0.102%	
97	7.682	7.660	7.697	VV	1006	14785	0.18%	0.051%	
98	7.719	7.697	7.736	VV	706	14815	0.18%	0.051%	
99	7.744	7.736	7.761	VV	763	8650	0.11%	0.030%	
100	7.788	7.761	7.815	VV	576	12195	0.15%	0.042%	
101	7.836	7.815	7.859	VV	811	13630	0.17%	0.047%	
102	7.870	7.859	7.881	VV	590	6925	0.08%	0.024%	
103	7.889	7.881	7.900	VV	687	6375	0.08%	0.022%	
104	7.920	7.900	7.957	VV	5342	68453	0.83%	0.235%	
105	7.963	7.957	7.993	VV	612	6529	0.08%	0.022%	
106	8.015	7.993	8.053	VV	919	22170	0.27%	0.076%	
107	8.068	8.053	8.089	VV	827	12330	0.15%	0.042%	
108	8.114	8.089	8.133	VV	840	12630	0.15%	0.043%	
109	8.143	8.133	8.177	VV	765	12400	0.15%	0.043%	
110	8.202	8.177	8.366	VV	380652	5242460	63.94%	17.989%	
111	8.374	8.366	8.407	VV	3204	65046	0.79%	0.223%	
112	8.411	8.407	8.439	VV	2245	40500	0.49%	0.139%	
113	8.455	8.439	8.498	VV	2555	66365	0.81%	0.228%	
114	8.511	8.498	8.544	VV	1403	28827	0.35%	0.099%	
115	8.568	8.544	8.596	VV	1097	25808	0.31%	0.089%	
116	8.601	8.596	8.606	VV	854	4444	0.05%	0.015%	
117	8.636	8.606	8.719	VV	51032	604781	7.38%	2.075%	
118	8.746	8.719	8.784	VV	4560	89529	1.09%	0.307%	
119	8.789	8.784	8.807	VV	955	12153	0.15%	0.042%	
120	8.830	8.807	8.854	VV	1205	29027	0.35%	0.100%	
121	8.868	8.854	8.910	VV	1142	27875	0.34%	0.096%	
122	8.912	8.910	8.916	VV	776	2277	0.03%	0.008%	
123	8.929	8.916	8.982	VV	876	25252	0.31%	0.087%	
124	8.998	8.982	9.006	VV	805	8902	0.11%	0.031%	
125	9.014	9.006	9.031	VV	1040	11515	0.14%	0.040%	
126	9.037	9.031	9.041	VV	818	4063	0.05%	0.014%	
127	9.044	9.041	9.065	VV	795	8386	0.10%	0.029%	
128	9.098	9.065	9.130	VV	1214	27205	0.33%	0.093%	
129	9.141	9.130	9.156	VV	483	5697	0.07%	0.020%	
130	9.159	9.156	9.164	VV	394	1649	0.02%	0.006%	
131	9.166	9.164	9.173	VV	469	2131	0.03%	0.007%	
132	9.183	9.173	9.195	VV	540	6001	0.07%	0.021%	
133	9.205	9.195	9.223	VV	508	5596	0.07%	0.019%	
134	9.242	9.223	9.270	VV	778	13668	0.17%	0.047%	
135	9.275	9.270	9.282	VV	321	2040	0.02%	0.007%	
136	9.297	9.282	9.324	VV	697	11875	0.14%	0.041%	
137	9.337	9.324	9.355	VV	552	6348	0.08%	0.022%	
138	9.409	9.355	9.495	VV	7211	248966	3.04%	0.854%	
139	9.516	9.495	9.569	VV	3141	76263	0.93%	0.262%	
140	9.585	9.569	9.594	VV	1138	15970	0.19%	0.055%	
141	9.600	9.594	9.640	VV	1087	24744	0.30%	0.085%	

					rteres			
142	9.644	9.640	9.649	VV	705	3557	0.04%	0.012%
143	9.652	9.649	9.656	VV	734	2843	0.03%	0.010%
144	9.658	9.656	9.670	VV	723	4925	0.06%	0.017%
145	9.682	9.670	9.717	VV	666	13580	0.17%	0.047%
146	9.735	9.717	9.745	VV	460	6009	0.07%	0.021%
147	9.752	9.745	9.757	VV	589	3243	0.04%	0.011%
148	9.761	9.757	9.767	VV	609	3226	0.04%	0.011%
149	9.783	9.767	9.805	VV	729	13253	0.16%	0.045%
150	9.818	9.805	9.844	VV	901	15109	0.18%	0.052%
151	9.892	9.844	9.919	VV	872	26190	0.32%	0.090%
152	9.942	9.919	9.956	VV	738	14389	0.18%	0.049%
153	9.962	9.956	9.984	VV	718	10077	0.12%	0.035%
154	10.012	9.984	10.032	VV	1823	29089	0.35%	0.100%
155	10.041	10.032	10.049	VV	451	3803	0.05%	0.013%
156	10.058	10.049	10.065	VV	461	3316	0.04%	0.011%
157	10.072	10.065	10.076	VV	496	2571	0.03%	0.009%
158	10.108	10.076	10.121	VV	1012	18620	0.23%	0.064%
159	10.127	10.121	10.157	VV	779	9850	0.12%	0.034%
160	10.182	10.157	10.214	VV	1265	24229	0.30%	0.083%
161	10.221	10.214	10.231	VV	741	6049	0.07%	0.021%
162	10.256	10.231	10.277	VV	1228	23027	0.28%	0.079%
163	10.292	10.277	10.305	VV	842	11018	0.13%	0.038%
164	10.326	10.305	10.337	VV	802	12052	0.15%	0.041%
165	10.362	10.337	10.392	VV	1873	33545	0.41%	0.115%
166	10.408	10.392	10.427	VV	558	9309	0.11%	0.032%
167	10.430	10.427	10.433	VV	547	1893	0.02%	0.006%
168	10.443	10.433	10.478	VV	762	14171	0.17%	0.049%
169	10.493	10.478	10.497	VV	522	4799	0.06%	0.016%
170	10.500	10.497	10.514	VV	486	4304	0.05%	0.015%
171	10.528	10.514	10.534	VV	561	5298	0.06%	0.018%
172	10.538	10.534	10.558	VV	525	5937	0.07%	0.020%
173	10.576	10.558	10.594	VV	520	8907	0.11%	0.031%
174	10.598	10.594	10.603	VV	502	2355	0.03%	0.008%
175	10.609	10.603	10.617	VV	514	3217	0.04%	0.011%
176	10.629	10.617	10.647	VV	716	10239	0.12%	0.035%
177	10.657	10.647	10.680	VV	1103	12910	0.16%	0.044%
178	10.697	10.680	10.709	VV	651	7385	0.09%	0.025%
179	10.711	10.709	10.735	VV	457	4801	0.06%	0.016%
180	10.755	10.735	10.780	VV	769	11315	0.14%	0.039%
181	10.792	10.780	10.805	VV	522	5781	0.07%	0.020%
182	10.811	10.805	10.840	VV	454	6464	0.08%	0.022%
183	10.845	10.840	10.850	VV	380	1955	0.02%	0.007%
184	10.880	10.850	10.906	VV	1318	23774	0.29%	0.082%
185	10.911	10.906	10.920	VV	530	3387	0.04%	0.012%
186	10.945	10.920	10.992	VV	2146	41566	0.51%	0.143%
187	10.997	10.992	11.003	VV	447	2531	0.03%	0.009%
188	11.012	11.003	11.016	VV	545	3578	0.04%	0.012%
189	11.032	11.016	11.080	VV	1499	29186	0.36%	0.100%
190	11.086	11.080	11.107	VV	739	6704	0.08%	0.023%
191	11.113	11.107	11.117	VV	462	1997	0.02%	0.007%
192	11.154	11.117	11.182	VV	687	16662	0.20%	0.057%
193	11.185	11.182	11.195	VV	436	2605	0.03%	0.009%
194	11.235	11.195	11.318	VV	612330	6728772	82.07%	23.089%

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195	11.324	11.318	11.338	VV	1824	17563	0.21%	0.060%
196	11.345	11.338	11.370	VV	1180	18953	0.23%	0.065%
197	11.377	11.370	11.385	VV	981	7912	0.10%	0.027%
198	11.410	11.385	11.447	VV	2148	43102	0.53%	0.148%
199	11.452	11.447	11.470	VV	766	9055	0.11%	0.031%
200	11.478	11.470	11.503	VV	768	11486	0.14%	0.039%
201	11.522	11.503	11.546	VV	760	15622	0.19%	0.054%
202	11.565	11.546	11.582	VV	1165	17913	0.22%	0.061%
203	11.589	11.582	11.616	VV	1075	16430	0.20%	0.056%
204	11.640	11.616	11.650	VV	848	15680	0.19%	0.054%
205	11.672	11.650	11.720	VV	5744	93360	1.14%	0.320%
206	11.739	11.720	11.745	VV	802	10190	0.12%	0.035%
207	11.753	11.745	11.780	VV	1055	16448	0.20%	0.056%
208	11.812	11.780	11.845	VV	1477	40199	0.49%	0.138%
209	11.872	11.845	11.929	VV	7982	187475	2.29%	0.643%
210	11.938	11.929	11.975	VV	1870	40885	0.50%	0.140%
211	11.984	11.975	12.028	VV	1358	35955	0.44%	0.123%
212	12.032	12.028	12.059	VV	1039	16578	0.20%	0.057%
213	12.103	12.059	12.139	VV	5204	93138	1.14%	0.320%
214	12.149	12.139	12.163	VV	775	9709	0.12%	0.033%
215	12.183	12.163	12.216	VV	1643	29840	0.36%	0.102%
216	12.242	12.216	12.270	VV	2755	43225	0.53%	0.148%
217	12.274	12.270	12.287	VV	591	5595	0.07%	0.019%
218	12.312	12.287	12.347	VV	2599	44468	0.54%	0.153%
219	12.369	12.347	12.395	VV	563	12778	0.16%	0.044%
220	12.407	12.395	12.423	VV	381	5072	0.06%	0.017%
221	12.434	12.423	12.440	VV	439	3781	0.05%	0.013%
222	12.447	12.440	12.456	VV	578	3752	0.05%	0.013%
223	12.462	12.456	12.485	VV	363	5520	0.07%	0.019%
224	12.503	12.485	12.509	VV	660	7179	0.09%	0.025%
225	12.515	12.509	12.528	VV	551	5811	0.07%	0.020%
226	12.534	12.528	12.539	VV	534	3023	0.04%	0.010%
227	12.561	12.539	12.587	VV	817	17297	0.21%	0.059%
228	12.602	12.587	12.629	VV	685	13798	0.17%	0.047%
229	12.638	12.629	12.643	VV	635	4486	0.05%	0.015%
230	12.677	12.643	12.737	VV	153099	1896192	23.13%	6.507%
231	12.742	12.737	12.767	VV	1441	21194	0.26%	0.073%
232	12.772	12.767	12.779	VV	884	5672	0.07%	0.019%
233	12.787	12.779	12.792	VV	910	7263	0.09%	0.025%
234	12.796	12.792	12.801	VV	865	4598	0.06%	0.016%
235	12.809	12.801	12.819	VV	865	8104	0.10%	0.028%
236	12.822	12.819	12.825	VV	745	2885	0.04%	0.010%
237	12.831	12.825	12.836	VV	807	5106	0.06%	0.018%
238	12.847	12.836	12.870	VV	916	16708	0.20%	0.057%
239	12.875	12.870	12.880	VV	753	4271	0.05%	0.015%
240	12.893	12.880	12.900	VV	794	8910	0.11%	0.031%
241	12.920	12.900	12.954	VV	3205	55982	0.68%	0.192%
242	12.958	12.954	12.974	VV	799	8475	0.10%	0.029%
243	12.985	12.974	13.010	VV	769	14017	0.17%	0.048%
244	13.014	13.010	13.017	VV	569	2547	0.03%	0.009%
245	13.021	13.017	13.030	VV	677	4694	0.06%	0.016%
246	13.044	13.030	13.082	VV	850	21314	0.26%	0.073%

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247	13.110	13.082	13.117	VV	2557	32318	0.39%	0.111%
248	13.118	13.117	13.163	VV	2374	45232	0.55%	0.155%
249	13.170	13.163	13.217	VV	951	24668	0.30%	0.085%
250	13.228	13.217	13.249	VV	649	12385	0.15%	0.042%
251	13.266	13.249	13.288	VV	1036	18212	0.22%	0.062%
252	13.296	13.288	13.304	VV	780	6480	0.08%	0.022%
253	13.308	13.304	13.320	VV	693	5842	0.07%	0.020%
254	13.327	13.320	13.332	VV	639	3840	0.05%	0.013%
255	13.341	13.332	13.346	VV	610	4896	0.06%	0.017%
256	13.353	13.346	13.358	VV	720	4431	0.05%	0.015%
257	13.397	13.358	13.417	VV	2178	52815	0.64%	0.181%
258	13.434	13.417	13.472	VV	2749	40294	0.49%	0.138%
259	13.500	13.472	13.507	VV	508	8812	0.11%	0.030%
260	13.510	13.507	13.517	VV	523	2243	0.03%	0.008%
261	13.522	13.517	13.527	VV	359	1874	0.02%	0.006%
262	13.541	13.527	13.565	VV	588	9270	0.11%	0.032%
263	13.571	13.565	13.579	VV	398	2976	0.04%	0.010%
264	13.585	13.579	13.599	VV	407	3990	0.05%	0.014%
265	13.603	13.599	13.609	VV	388	1866	0.02%	0.006%
266	13.622	13.609	13.630	VV	602	4004	0.05%	0.014%
267	13.635	13.630	13.649	VV	420	2229	0.03%	0.008%
268	13.661	13.649	13.680	PV	255	3657	0.04%	0.013%
269	13.704	13.680	13.719	VV	598	8634	0.11%	0.030%
270	13.723	13.719	13.738	VV	333	2244	0.03%	0.008%
271	13.757	13.738	13.761	VV	199	1578	0.02%	0.005%
272	13.768	13.761	13.784	VV	397	3093	0.04%	0.011%
273	13.805	13.784	13.820	VV	594	7663	0.09%	0.026%
274	13.883	13.820	13.927	VV	1295	43672	0.53%	0.150%
275	13.933	13.927	13.950	VV	493	6367	0.08%	0.022%
276	13.954	13.950	13.974	VV	516	6945	0.08%	0.024%
277	13.981	13.974	13.987	VV	568	3704	0.05%	0.013%
278	13.997	13.987	14.029	VV	601	9913	0.12%	0.034%
279	14.053	14.029	14.064	VV	592	9453	0.12%	0.032%
280	14.071	14.064	14.097	VV	505	7079	0.09%	0.024%
281	14.118	14.097	14.137	VV	550	9429	0.11%	0.032%
282	14.142	14.137	14.146	VV	438	2235	0.03%	0.008%
283	14.160	14.146	14.172	VV	623	7501	0.09%	0.026%
284	14.179	14.172	14.189	VV	545	5037	0.06%	0.017%
285	14.195	14.189	14.221	VV	622	7924	0.10%	0.027%
286	14.250	14.221	14.265	VV	762	14175	0.17%	0.049%
287	14.270	14.265	14.290	VV	730	9247	0.11%	0.032%
288	14.295	14.290	14.319	VV	643	9809	0.12%	0.034%
289	14.331	14.319	14.337	VV	727	7358	0.09%	0.025%
290	14.340	14.337	14.365	VV	702	8691	0.11%	0.030%
291	14.389	14.365	14.397	VV	606	10345	0.13%	0.035%
292	14.401	14.397	14.413	VV	606	4581	0.06%	0.016%
293	14.418	14.413	14.437	VV	592	6125	0.07%	0.021%
294	14.443	14.437	14.449	VV	444	2583	0.03%	0.009%
295	14.453	14.449	14.458	VV	482	2160	0.03%	0.007%
296	14.498	14.458	14.515	VV	1758	36542	0.45%	0.125%
297	14.531	14.515	14.567	VV	2423	39802	0.49%	0.137%
298	14.591	14.567	14.646	VV	1456	28193	0.34%	0.097%
299	14.657	14.646	14.675	VV	575	6413	0.08%	0.022%

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300	14.697	14.675	14.719	VV	772	11789	0.14%	0.040%
301	14.725	14.719	14.740	VV	282	2090	0.03%	0.007%
302	14.750	14.740	14.773	VV	383	4779	0.06%	0.016%
303	14.788	14.773	14.806	VV	302	3987	0.05%	0.014%
304	14.850	14.806	14.878	PV	793	18370	0.22%	0.063%
305	14.911	14.878	14.977	VV	10571	223272	2.72%	0.766%
306	14.995	14.977	15.045	VV	1453	43592	0.53%	0.150%
307	15.070	15.045	15.105	VV	1907	43801	0.53%	0.150%
308	15.111	15.105	15.144	VV	878	14724	0.18%	0.051%
309	15.173	15.144	15.178	VV	626	10482	0.13%	0.036%
310	15.192	15.178	15.219	VV	700	12724	0.16%	0.044%
311	15.222	15.219	15.255	VV	726	13445	0.16%	0.046%
312	15.262	15.255	15.290	VV	582	8957	0.11%	0.031%
313	15.302	15.290	15.306	VV	326	2760	0.03%	0.009%
314	15.311	15.306	15.314	VV	373	1581	0.02%	0.005%
315	15.348	15.314	15.358	VV	637	10777	0.13%	0.037%
316	15.394	15.358	15.417	VV	629	18952	0.23%	0.065%
317	15.423	15.417	15.429	VV	530	2966	0.04%	0.010%
318	15.438	15.429	15.467	VV	664	11385	0.14%	0.039%
319	15.472	15.467	15.482	VV	497	3804	0.05%	0.013%
320	15.506	15.482	15.527	VV	1173	21612	0.26%	0.074%
321	15.546	15.527	15.577	VV	2082	33998	0.41%	0.117%
322	15.586	15.577	15.610	VV	654	10093	0.12%	0.035%
323	15.615	15.610	15.646	VV	526	7506	0.09%	0.026%
324	15.654	15.646	15.666	VV	281	1648	0.02%	0.006%
325	15.682	15.666	15.687	VV	247	2869	0.03%	0.010%
326	15.701	15.687	15.713	VV	424	4111	0.05%	0.014%
327	15.730	15.713	15.755	VV	267	4388	0.05%	0.015%
328	15.779	15.755	15.784	PV	310	3024	0.04%	0.010%
329	15.790	15.784	15.795	VV	252	1180	0.01%	0.004%
330	15.804	15.795	15.809	VV	223	1182	0.01%	0.004%
331	15.842	15.819	15.864	VV	367	5558	0.07%	0.019%
332	15.869	15.864	15.879	VV	211	1489	0.02%	0.005%
333	15.931	15.879	15.959	VV	1271	27637	0.34%	0.095%
334	15.972	15.959	15.979	VV	662	6757	0.08%	0.023%
335	15.985	15.979	16.000	VV	717	7685	0.09%	0.026%
336	16.027	16.000	16.067	VV	744	19737	0.24%	0.068%
337	16.078	16.067	16.088	VV	383	4240	0.05%	0.015%
338	16.115	16.088	16.172	VV	3282	64204	0.78%	0.220%
339	16.204	16.172	16.212	VV	592	8532	0.10%	0.029%
340	16.227	16.212	16.249	VV	802	12456	0.15%	0.043%
341	16.263	16.249	16.280	VV	558	9262	0.11%	0.032%
342	16.285	16.280	16.307	VV	552	7267	0.09%	0.025%
343	16.319	16.307	16.330	VV	553	6252	0.08%	0.021%
344	16.334	16.330	16.347	VV	489	4335	0.05%	0.015%
345	16.407	16.347	16.434	VV	710	22916	0.28%	0.079%
346	16.455	16.434	16.470	VV	1529	20087	0.24%	0.069%
347	16.490	16.470	16.510	VV	2253	36265	0.44%	0.124%
348	16.532	16.510	16.566	VV	7747	115704	1.41%	0.397%
349	16.584	16.566	16.628	VV	846	19465	0.24%	0.067%
350	16.641	16.628	16.647	VV	505	4189	0.05%	0.014%
351	16.657	16.647	16.672	VV	544	6624	0.08%	0.023%

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352	16.677	16.672	16.699	VV	473	5754	0.07%	0.020%
353	16.712	16.699	16.734	VV	425	5762	0.07%	0.020%
354	16.745	16.734	16.757	VV	264	1991	0.02%	0.007%
355	16.767	16.757	16.773	VV	221	1481	0.02%	0.005%
356	16.805	16.773	16.852	VV	858	20041	0.24%	0.069%
357	16.873	16.852	16.879	VV	838	10630	0.13%	0.036%
358	16.882	16.879	16.894	VV	640	4611	0.06%	0.016%
359	16.938	16.894	16.973	VV	2182	44636	0.54%	0.153%
360	16.979	16.973	16.985	VV	454	2657	0.03%	0.009%
361	16.991	16.985	17.000	VV	487	3370	0.04%	0.012%
362	17.005	17.000	17.014	VV	441	2823	0.03%	0.010%
363	17.043	17.014	17.050	VV	720	11249	0.14%	0.039%
364	17.055	17.050	17.083	VV	685	8612	0.11%	0.030%
365	17.095	17.083	17.100	VV	440	3889	0.05%	0.013%
366	17.105	17.100	17.112	VV	440	2513	0.03%	0.009%
367	17.123	17.112	17.134	VV	549	5498	0.07%	0.019%
368	17.155	17.134	17.179	VV	954	18815	0.23%	0.065%
369	17.182	17.179	17.190	VV	638	3645	0.04%	0.013%
370	17.201	17.190	17.208	VV	657	5270	0.06%	0.018%
371	17.222	17.208	17.254	VV	1007	18175	0.22%	0.062%
372	17.262	17.254	17.269	VV	528	3923	0.05%	0.013%
373	17.276	17.269	17.287	VV	410	3946	0.05%	0.014%
374	17.292	17.287	17.300	VV	456	2903	0.04%	0.010%
375	17.312	17.300	17.324	VV	675	8391	0.10%	0.029%
376	17.341	17.324	17.352	VV	1384	17698	0.22%	0.061%
377	17.373	17.352	17.406	VV	2796	47727	0.58%	0.164%
378	17.410	17.406	17.414	VV	444	2246	0.03%	0.008%
379	17.428	17.414	17.441	VV	624	7090	0.09%	0.024%
380	17.468	17.441	17.505	VV	3221	54360	0.66%	0.187%
381	17.518	17.505	17.530	VV	553	7552	0.09%	0.026%
382	17.533	17.530	17.540	VV	613	2912	0.04%	0.010%
383	17.544	17.540	17.559	VV	527	4651	0.06%	0.016%
384	17.576	17.559	17.614	VV	594	13303	0.16%	0.046%
385	17.621	17.614	17.625	VV	303	1692	0.02%	0.006%
386	17.635	17.625	17.639	VV	384	2574	0.03%	0.009%
387	17.674	17.639	17.691	VV	806	18268	0.22%	0.063%
388	17.697	17.691	17.704	VV	471	3205	0.04%	0.011%
389	17.731	17.704	17.771	VV	6436	132135	1.61%	0.453%
390	17.794	17.771	17.840	VV	3067	72228	0.88%	0.248%
391	17.847	17.840	17.872	VV	859	14267	0.17%	0.049%
392	17.898	17.872	17.922	VV	911	22096	0.27%	0.076%
393	17.925	17.922	17.941	VV	658	6634	0.08%	0.023%
394	17.948	17.941	17.961	VV	685	6650	0.08%	0.023%
395	17.973	17.961	17.986	VV	783	9920	0.12%	0.034%
396	18.001	17.986	18.010	VV	688	8754	0.11%	0.030%
397	18.016	18.010	18.023	VV	668	5170	0.06%	0.018%
398	18.029	18.023	18.052	VV	842	12665	0.15%	0.043%
399	18.064	18.052	18.078	VV	779	10200	0.12%	0.035%
400	18.083	18.078	18.091	VV	637	4212	0.05%	0.014%
401	18.097	18.091	18.110	VV	597	6837	0.08%	0.023%
402	18.114	18.110	18.139	VV	615	9905	0.12%	0.034%
403	18.200	18.139	18.237	VV	3197	88447	1.08%	0.304%
404	18.241	18.237	18.269	VV	1187	15435	0.19%	0.053%

rters
Sum of corrected areas: 29142279

Aromatic EPH 021125.M Sat Mar 01 03:59:04 2025

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022525AL\
 Data File : FC068299.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 17:36
 Operator : YP/AJ
 Sample : Q1415-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 FB02222025

Integration File: autoint1.e
 Quant Time: Mar 05 04:25:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.842	4004876	35.607 ug/ml
Spiked Amount	50.000	Recovery	= 71.21%

Target Compounds

(f)=RT Delta > 1/2 Window

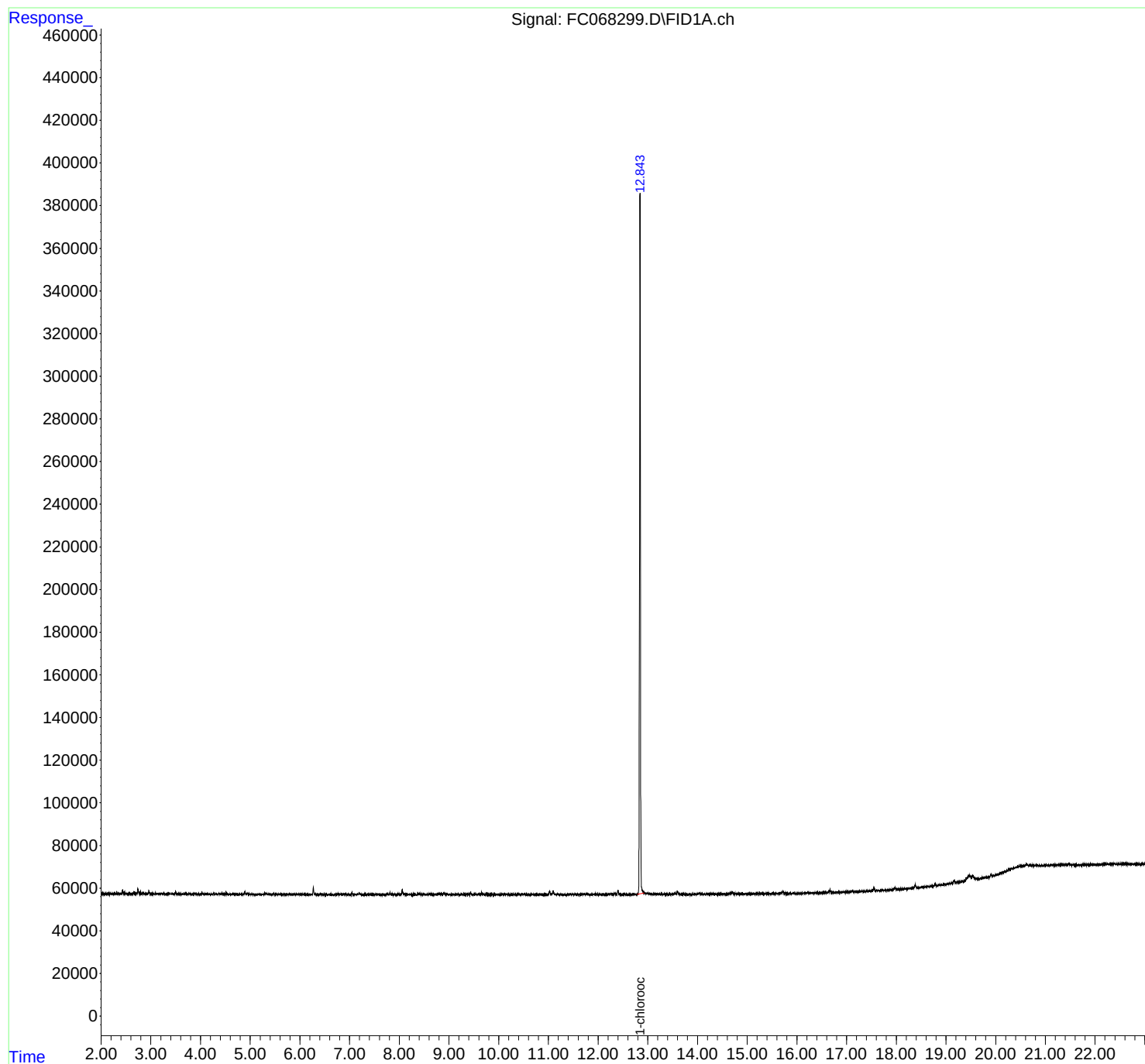
(m)=manual int.

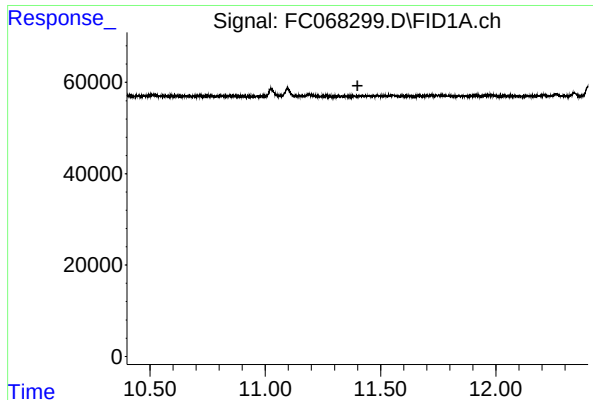
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022525AL\
Data File : FC068299.D
Signal(s) : FID1A.ch
Acq On : 25 Feb 2025 17:36
Operator : YP/AJ
Sample : Q1415-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
FB02222025

Integration File: autoint1.e
Quant Time: Mar 05 04:25:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

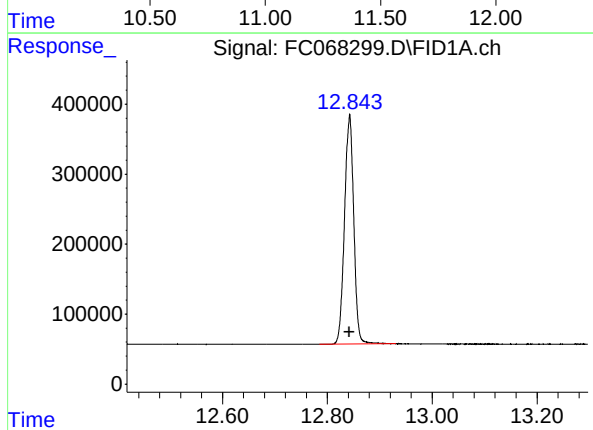




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.400 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
FB02222025



#12 1-chlorooctadecane (SURR)

R.T.: 12.842 min
Delta R.T.: 0.000 min
Response: 4004876
Conc: 35.61 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022525AL\
 Data File : FC068299.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 17:36
 Sample : Q1415-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	12.842	12.784	12.931	BB	320144	4004876	100.00%	100.000%
Sum of corrected areas:							4004876	

Aliphatic EPH 021125.M Fri Mar 07 02:56:26 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
 Data File : FD049104.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 17:36
 Operator : YP/AJ
 Sample : Q1415-05
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 FB02222025

Integration File: autoint1.e
 Quant Time: Feb 26 01:34:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.352	7629671	53.314 ug/ml
Spiked Amount 50.000		Recovery =	106.63%
6) S 2-Fluorobiphenyl (SURR)	8.202	4891693	55.643 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.29%
11) S ortho-Terphenyl (SURR)	11.236	7979636	49.326 ug/ml
Spiked Amount 50.000		Recovery =	98.65%

Target Compounds

(f)=RT Delta > 1/2 Window

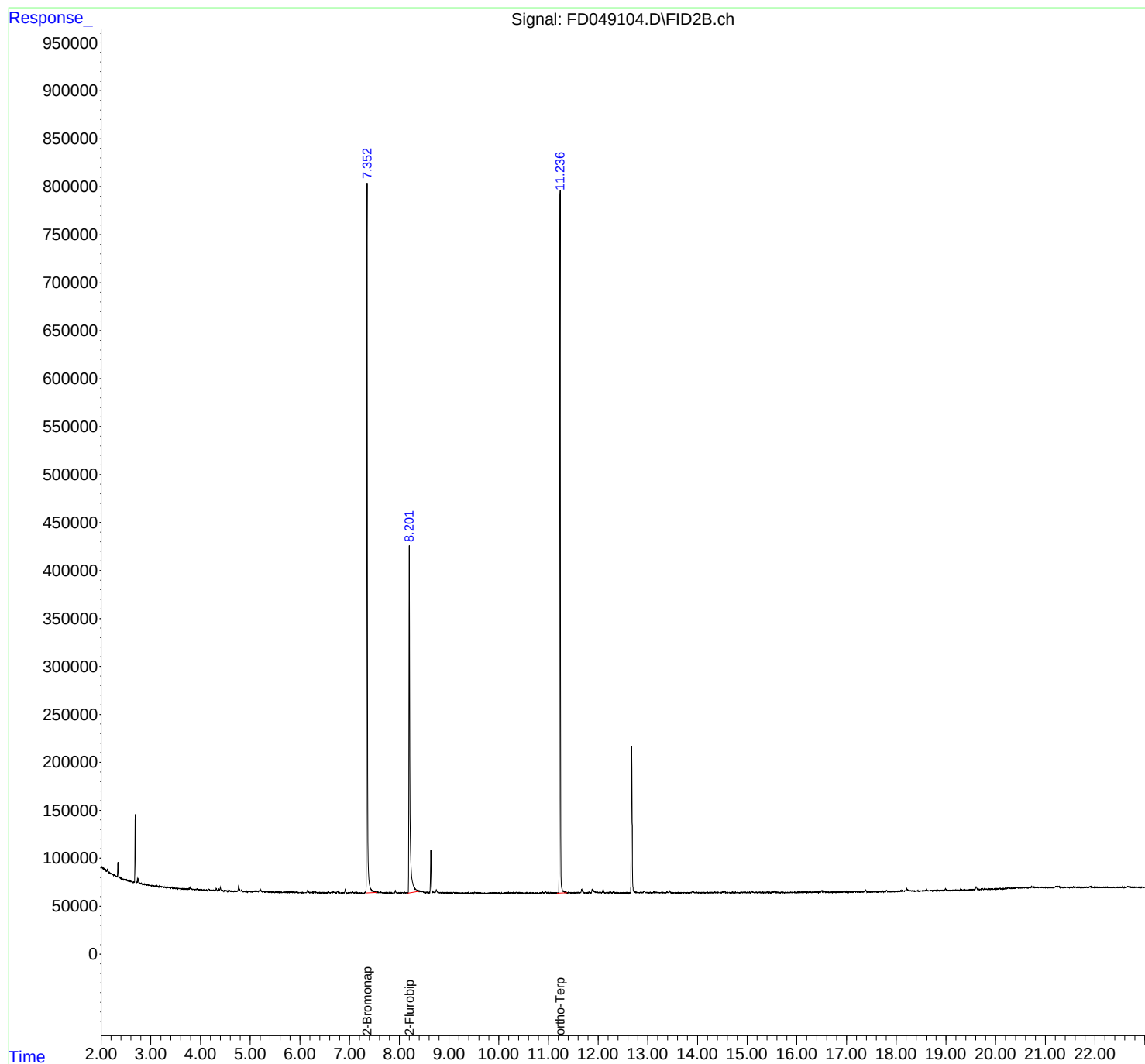
(m)=manual int.

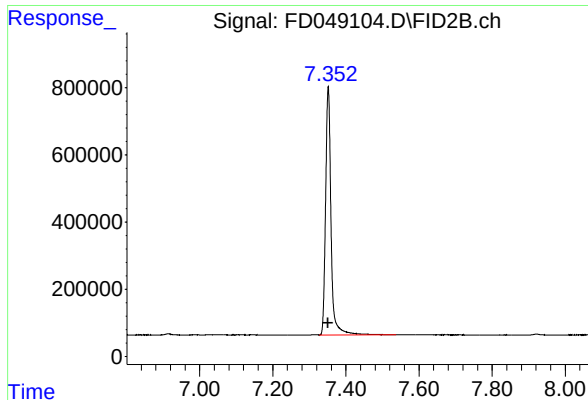
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
Data File : FD049104.D
Signal(s) : FID2B.ch
Acq On : 25 Feb 2025 17:36
Operator : YP/AJ
Sample : Q1415-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
FB02222025

Integration File: autoint1.e
Quant Time: Feb 26 01:34:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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

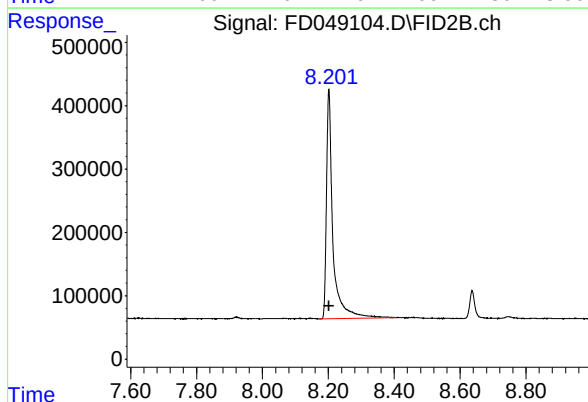




#4 2-Bromonaphthalene (SURR)

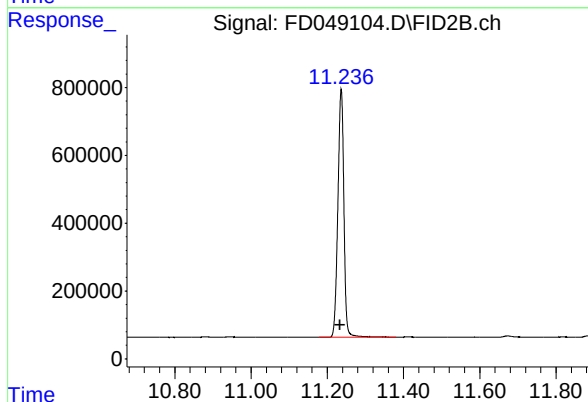
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 7629671
Conc: 53.31 ug/ml

Instrument :
FID_D
ClientSampleId :
FB02222025



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 4891693
Conc: 55.64 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.236 min
Delta R.T.: 0.003 min
Response: 7979636
Conc: 49.33 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
 Data File : FD049104.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 17:36
 Sample : Q1415-05
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.337	2.320	2.368	PV	15501	119854	1.57%	0.754%
2	2.686	2.666	2.720	VV	71025	580800	7.61%	3.654%
3	2.740	2.720	2.798	VB	4917	55305	0.72%	0.348%
4	4.769	4.705	4.808	BV	5917	73314	0.96%	0.461%
5	6.914	6.872	6.957	BB	3611	43097	0.56%	0.271%
6	7.352	7.327	7.537	PB	739145	7629671	100.00%	48.005%
7	8.202	8.172	8.405	BV	361932	4891693	64.11%	30.778%
8	8.637	8.609	8.717	PV	44105	484392	6.35%	3.048%
9	11.673	11.623	11.722	BB	3666	57459	0.75%	0.362%
10	11.884	11.843	11.960	BB	3692	79613	1.04%	0.501%
11	12.678	12.603	12.793	BB	152325	1878259	24.62%	11.818%
Sum of corrected areas:						15893458		

Aromatic EPH 021125.M Fri Mar 07 03:38:06 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022525AL\
Data File : FC068300.D
Signal(s) : FID1A.ch
Acq On : 25 Feb 2025 18:13
Operator : YP/AJ
Sample : Q1415-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
B-173-GW01

Integration File: autoint1.e
Quant Time: Mar 05 04:26:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.841	3123778	27.773 ug/ml
Spiked Amount	50.000	Recovery	= 55.55%

Target Compounds

(f)=RT Delta > 1/2 Window

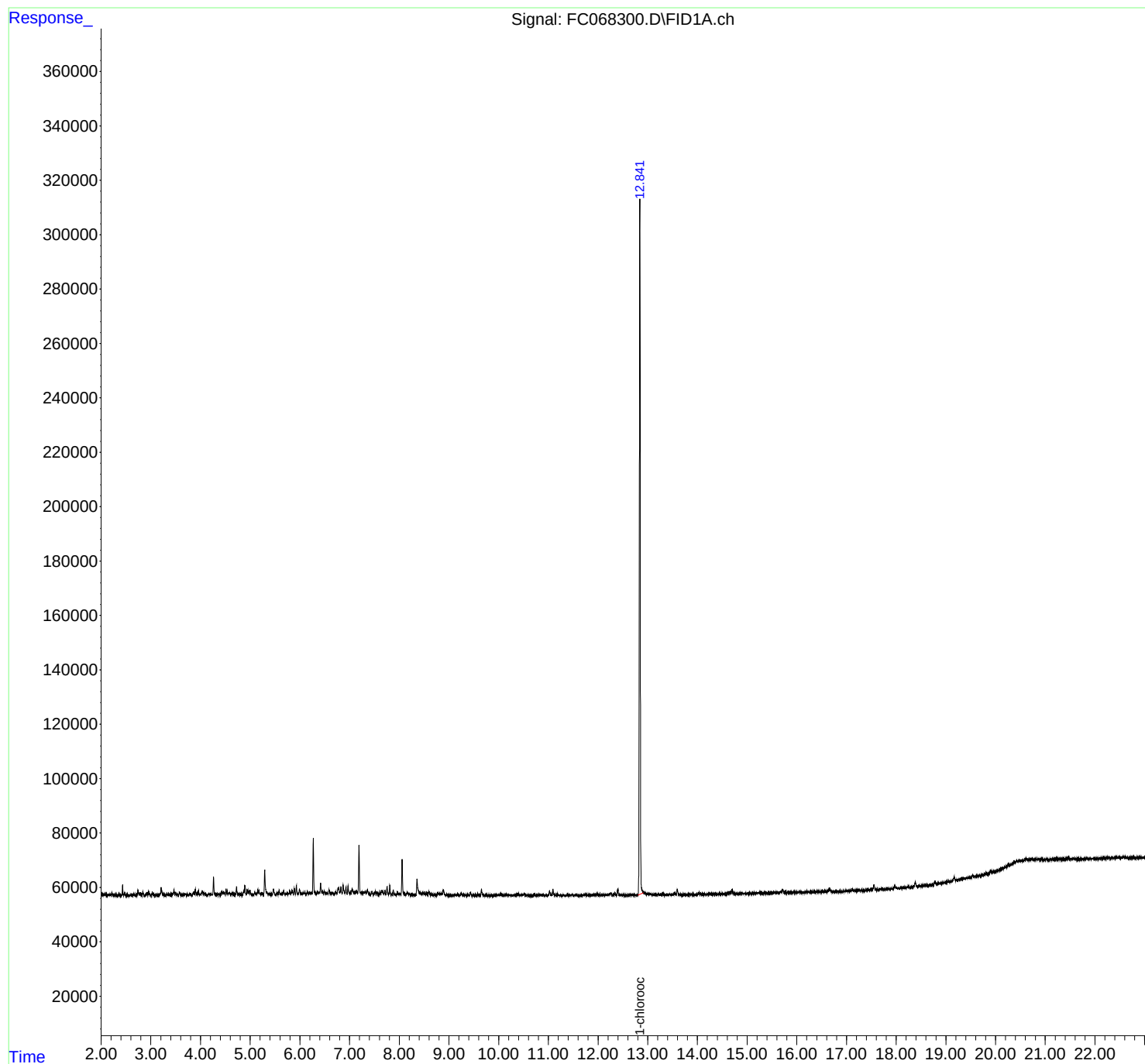
(m)=manual int.

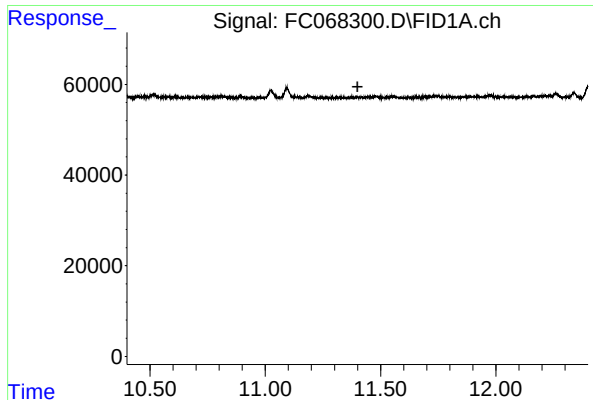
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022525AL\
Data File : FC068300.D
Signal(s) : FID1A.ch
Acq On : 25 Feb 2025 18:13
Operator : YP/AJ
Sample : Q1415-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
B-173-GW01

Integration File: autoint1.e
Quant Time: Mar 05 04:26:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

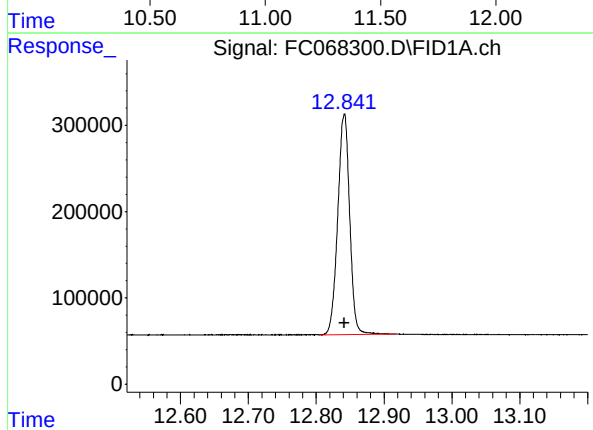




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.400 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
B-173-GW01



#12 1-chlorooctadecane (SURR)

R.T.: 12.841 min
Delta R.T.: 0.000 min
Response: 3123778
Conc: 27.77 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022525AL\
 Data File : FC068300.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 18:13
 Sample : Q1415-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	6.270	6.128	6.331	BB	20483	238016	7.62%	6.705%
2	7.190	7.118	7.251	BB	17245	188032	6.02%	5.297%
3	12.841	12.804	12.918	BB	255164	3123778	100.00%	87.998%
Sum of corrected areas:							3549826	

Aliphatic EPH 021125.M Fri Mar 07 02:56:47 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
 Data File : FD049105.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 18:13
 Operator : YP/AJ
 Sample : Q1415-06
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-173-GW01

Integration File: autoint1.e
 Quant Time: Feb 26 01:34:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.353	8810523	61.565 ug/ml
Spiked Amount 50.000		Recovery =	123.13%
6) S 2-Fluorobiphenyl (SURR)	8.202	5586333	63.545 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	127.09%
11) S ortho-Terphenyl (SURR)	11.234	4550424	28.128 ug/ml
Spiked Amount 50.000		Recovery =	56.26%

Target Compounds

(f)=RT Delta > 1/2 Window

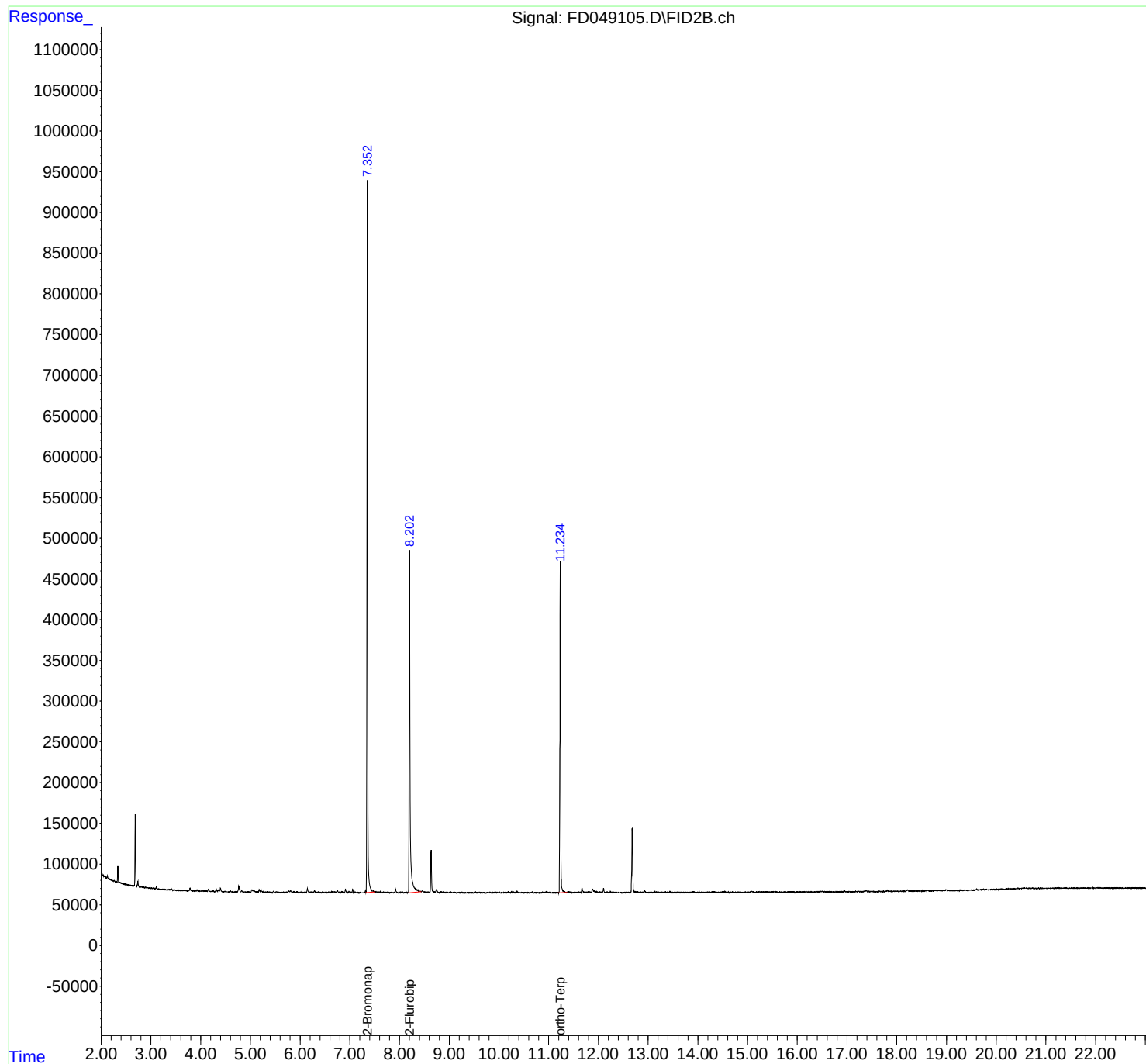
(m)=manual int.

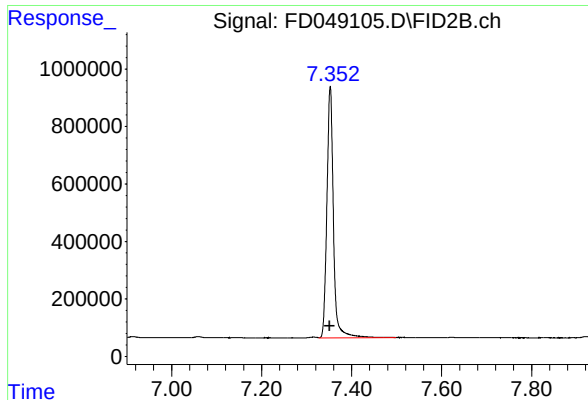
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
Data File : FD049105.D
Signal(s) : FID2B.ch
Acq On : 25 Feb 2025 18:13
Operator : YP/AJ
Sample : Q1415-06
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
B-173-GW01

Integration File: autoint1.e
Quant Time: Feb 26 01:34:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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

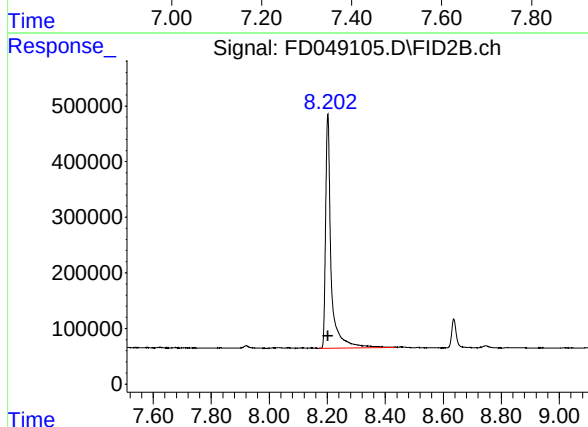




#4 2-Bromonaphthalene (SURR)

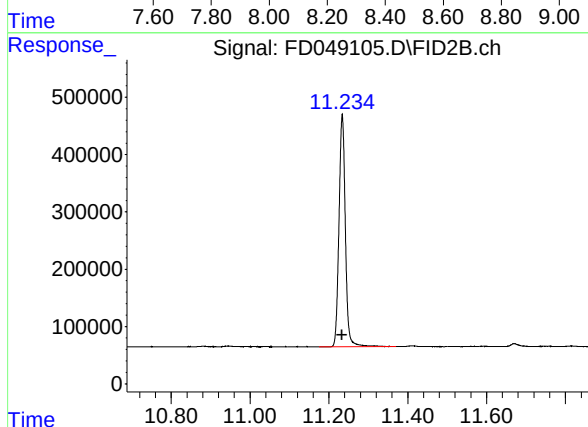
R.T.: 7.353 min
Delta R.T.: 0.001 min
Response: 8810523
Conc: 61.57 ug/ml

Instrument :
FID_D
ClientSampleId :
B-173-GW01



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 5586333
Conc: 63.54 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 4550424
Conc: 28.13 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
 Data File : FD049105.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 18:13
 Sample : Q1415-06
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.334	2.317	2.363	BV	19936	153522	1.74%	0.693%
2	2.683	2.623	2.720	BV	88070	709239	8.05%	3.202%
3	2.737	2.720	2.797	VB	6488	68162	0.77%	0.308%
4	3.785	3.770	3.823	VB	3473	38993	0.44%	0.176%
5	4.399	4.383	4.437	VV	4653	55348	0.63%	0.250%
6	4.767	4.717	4.807	BV	7559	103125	1.17%	0.466%
7	6.148	6.120	6.195	BB	4894	63383	0.72%	0.286%
8	6.914	6.867	6.960	BV	4119	49794	0.57%	0.225%
9	7.059	7.038	7.084	VV	4116	41719	0.47%	0.188%
10	7.353	7.328	7.498	VV	873549	8810523	100.00%	39.783%
11	7.921	7.852	7.959	BBA	4270	48103	0.55%	0.217%
12	8.202	8.172	8.437	BB	420794	5586333	63.41%	25.224%
13	8.636	8.598	8.717	BV	51977	583604	6.62%	2.635%
14	8.746	8.717	8.802	VB	3922	65376	0.74%	0.295%
15	11.234	11.175	11.370	BB	404869	4550424	51.65%	20.547%
16	11.670	11.622	11.722	BB	4977	70280	0.80%	0.317%
17	11.881	11.850	11.952	BB	4265	90867	1.03%	0.410%
18	12.104	12.037	12.143	BB	4722	61300	0.70%	0.277%
19	12.678	12.643	12.783	BB	78717	996427	11.31%	4.499%
Sum of corrected areas:						22146523		

Aromatic EPH 021125.M Fri Mar 07 02:59:49 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022525AL\
 Data File : FC068296.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 15:47
 Operator : YP/AJ
 Sample : PB166863BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166863BL

Integration File: autoint1.e
 Quant Time: Mar 05 04:25:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.844	3600606	32.013 ug/ml
Spiked Amount	50.000	Recovery	= 64.03%

Target Compounds

(f)=RT Delta > 1/2 Window

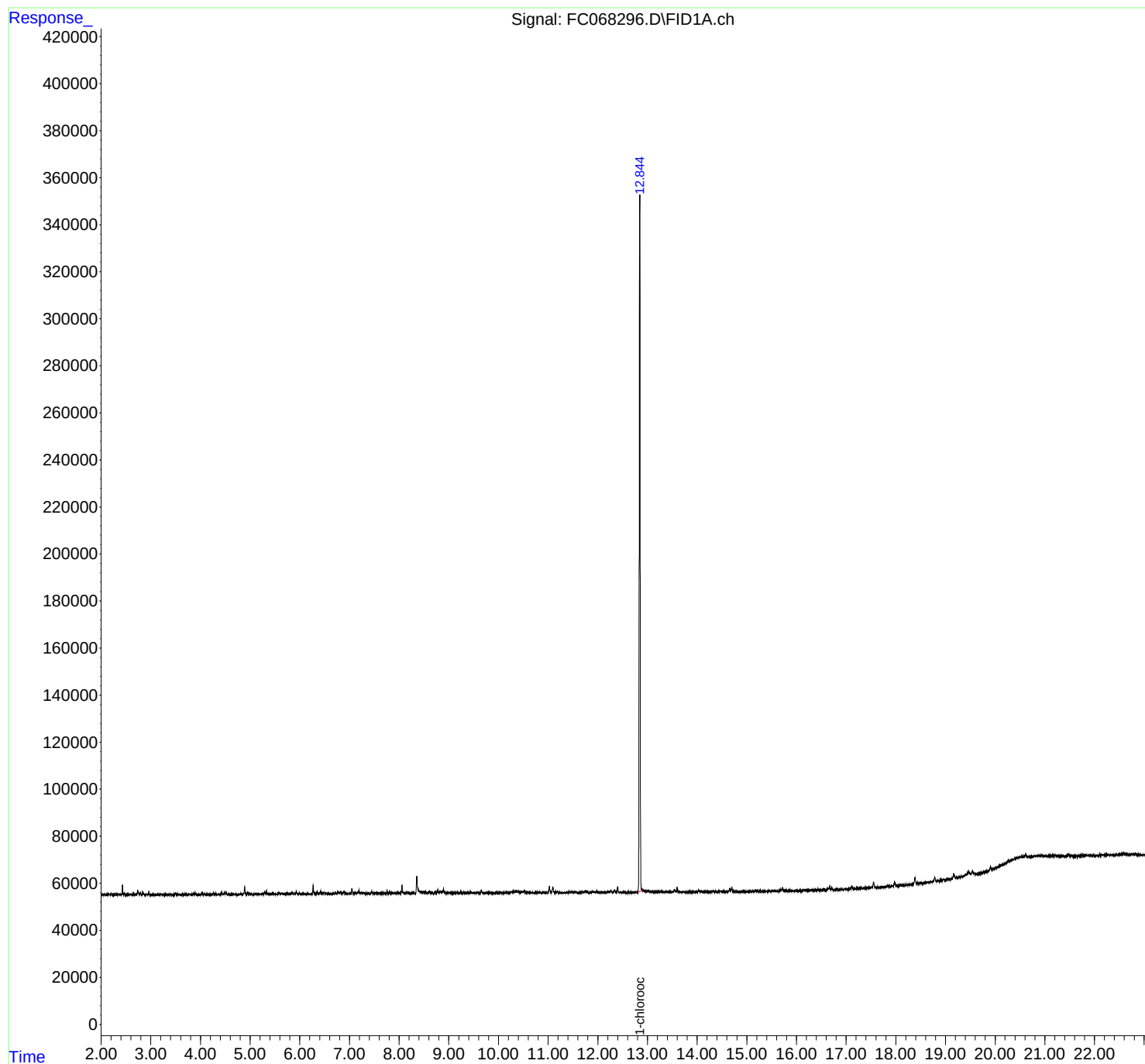
(m)=manual int.

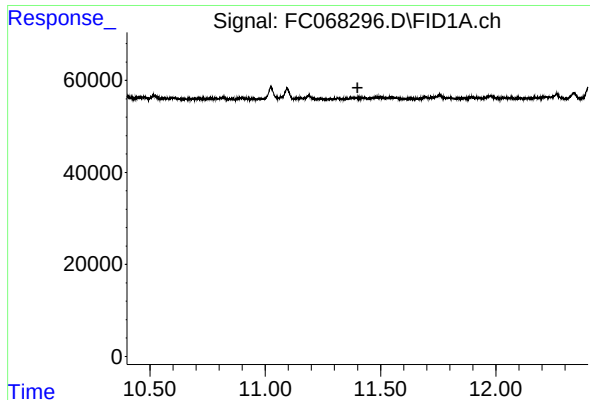
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022525AL\
Data File : FC068296.D
Signal(s) : FID1A.ch
Acq On : 25 Feb 2025 15:47
Operator : YP/AJ
Sample : PB166863BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB166863BL

Integration File: autoint1.e
Quant Time: Mar 05 04:25:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

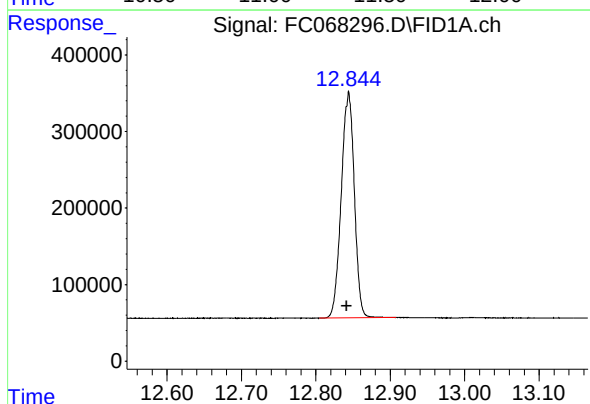




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.400 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
PB166863BL



#12 1-chlorooctadecane (SURR)

R.T.: 12.844 min
Delta R.T.: 0.002 min
Response: 3600606
Conc: 32.01 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022525AL\
 Data File : FC068296.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 15:47
 Sample : PB166863BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	12.844	12.804	12.908	BB	293152	3600606	100.00%	100.000%
Sum of corrected areas:							3600606	

Aliphatic EPH 021125.M Wed Feb 26 02:46:00 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
 Data File : FD049101.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 15:47
 Operator : YP/AJ
 Sample : PB166863BL
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166863BL

Integration File: autoint1.e
 Quant Time: Feb 26 01:32:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.348	8047938	56.236 ug/ml
Spiked Amount 50.000		Recovery =	112.47%
6) S 2-Fluorobiphenyl (SURR)	8.198	4963166	56.456 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	112.91%
11) S ortho-Terphenyl (SURR)	11.235	7709546	47.656 ug/ml
Spiked Amount 50.000		Recovery =	95.31%

Target Compounds

(f)=RT Delta > 1/2 Window

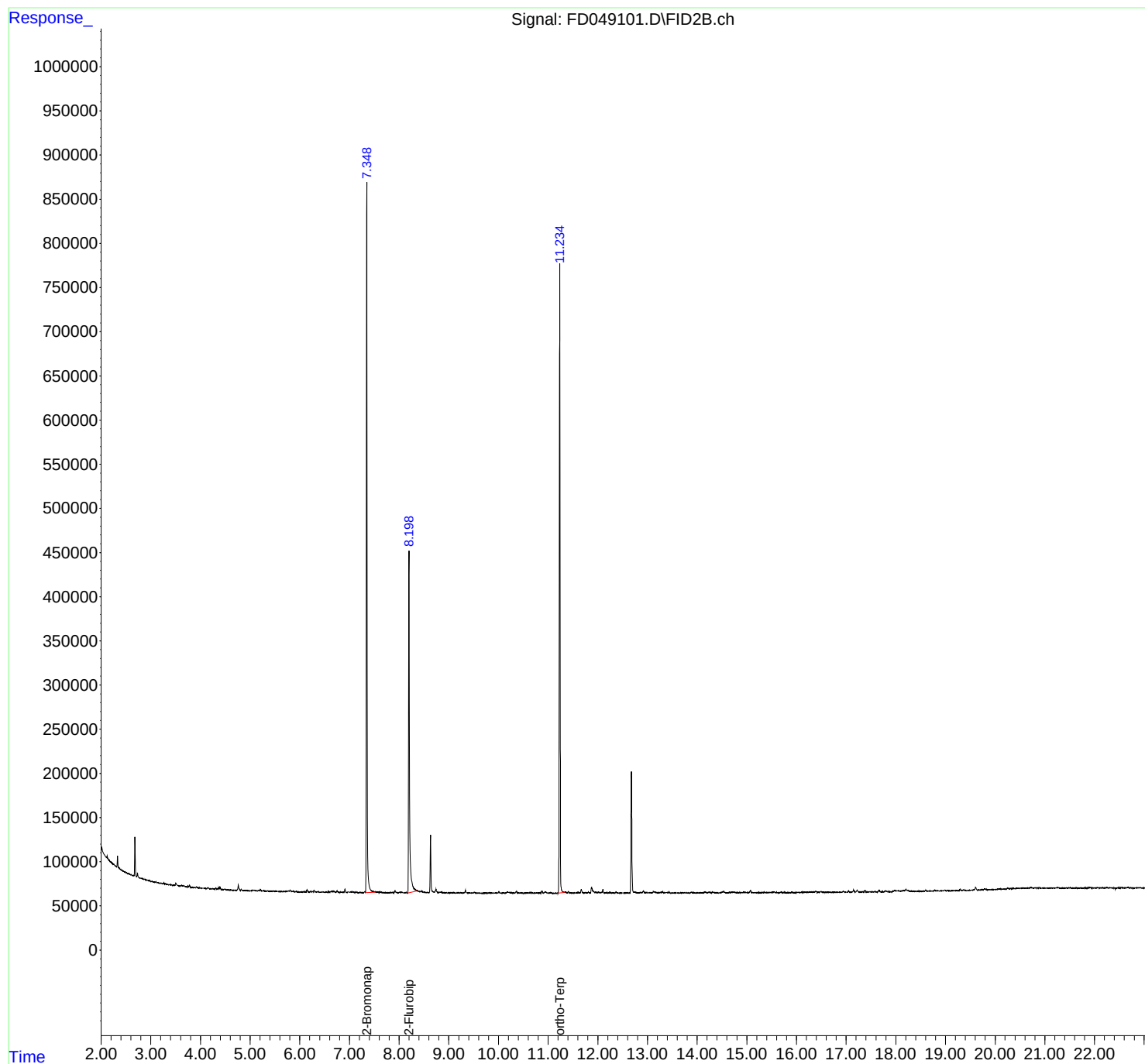
(m)=manual int.

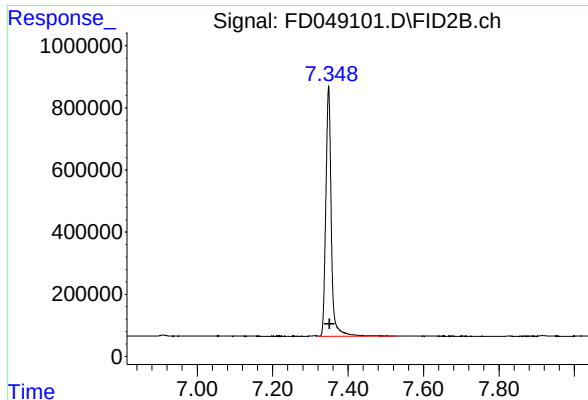
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
Data File : FD049101.D
Signal(s) : FID2B.ch
Acq On : 25 Feb 2025 15:47
Operator : YP/AJ
Sample : PB166863BL
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB166863BL

Integration File: autoint1.e
Quant Time: Feb 26 01:32:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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

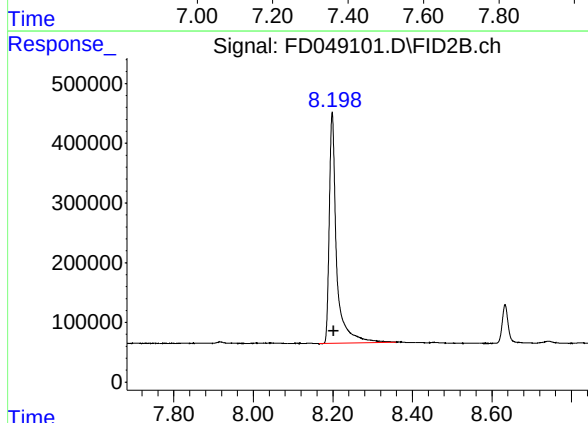




#4 2-Bromonaphthalene (SURR)

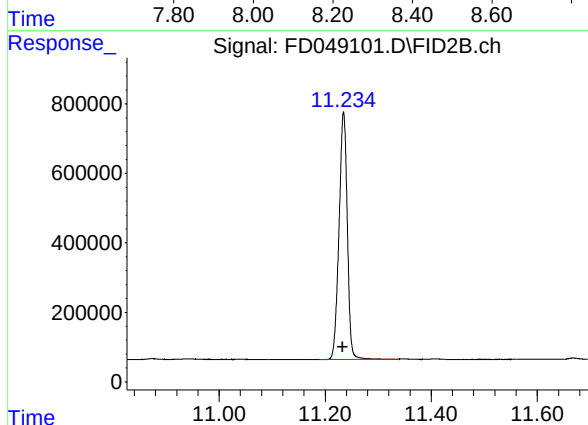
R.T.: 7.348 min
Delta R.T.: -0.003 min
Response: 8047938
Conc: 56.24 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166863BL



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.198 min
Delta R.T.: -0.004 min
Response: 4963166
Conc: 56.46 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: 0.002 min
Response: 7709546
Conc: 47.66 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
Data File : FD049101.D
Signal(s) : FID2B.ch
Acq On : 25 Feb 2025 15:47
Sample : PB166863BL
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	7.348	7.323	7.527	VB	804027	8047938	100.00%	38.840%
2	8.198	8.165	8.359	BV	386956	4963166	61.67%	23.953%
3	11.235	11.189	11.334	BV	711675	7709546	95.80%	37.207%
Sum of corrected areas:							20720649	

Aromatic EPH 021125.M Wed Feb 26 01:54:00 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049130.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 11:00
 Operator : YP/AJ
 Sample : PB166923BL
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166923BL

Integration File: autoint1.e
 Quant Time: Mar 01 02:16:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.352	8010402	55.974 ug/ml
Spiked Amount 50.000		Recovery =	111.95%
6) S 2-Fluorobiphenyl (SURR)	8.201	5081253	57.799 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.60%
11) S ortho-Terphenyl (SURR)	11.236	8041222	49.706 ug/ml
Spiked Amount 50.000		Recovery =	99.41%

Target Compounds

(f)=RT Delta > 1/2 Window

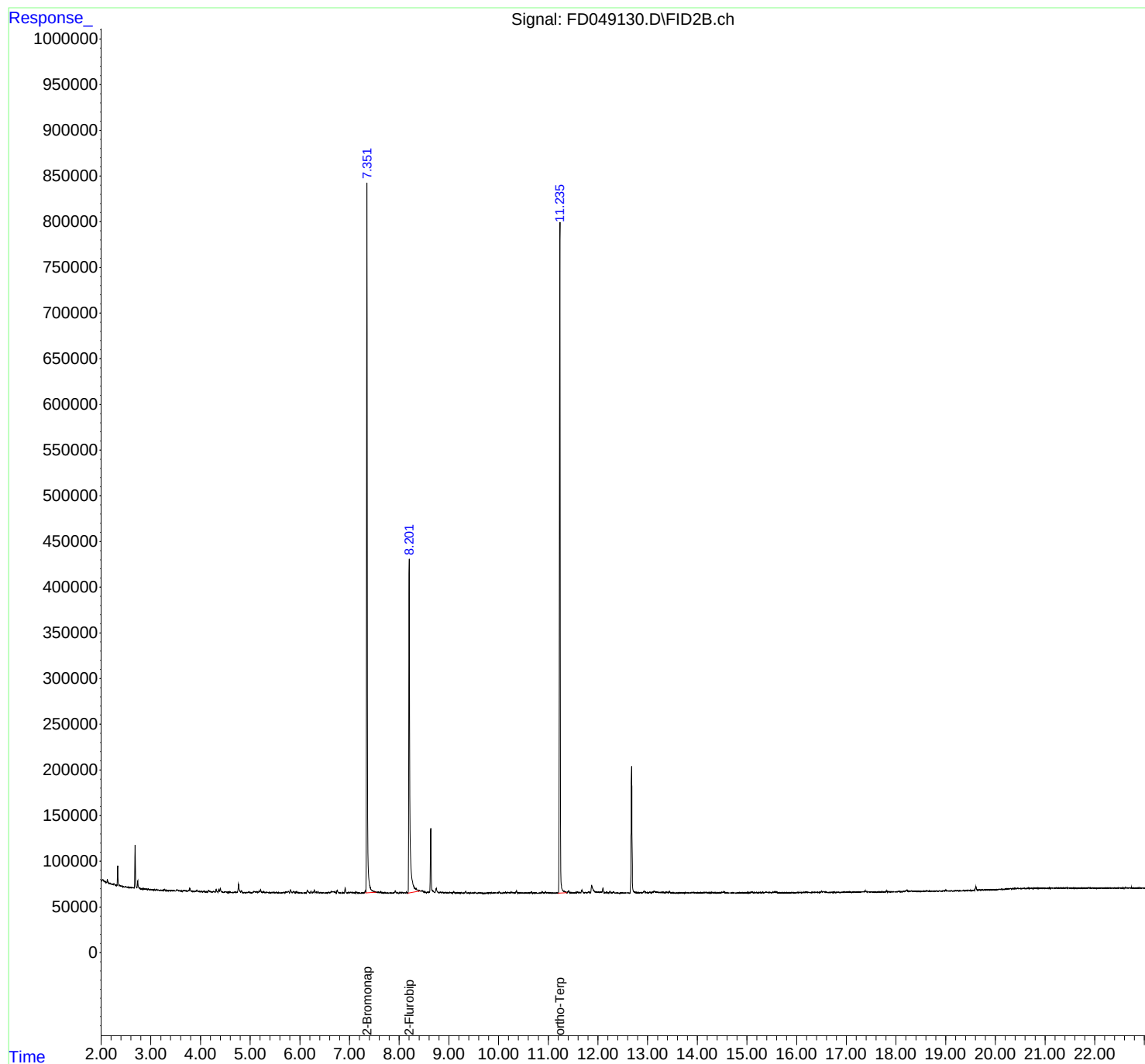
(m)=manual int.

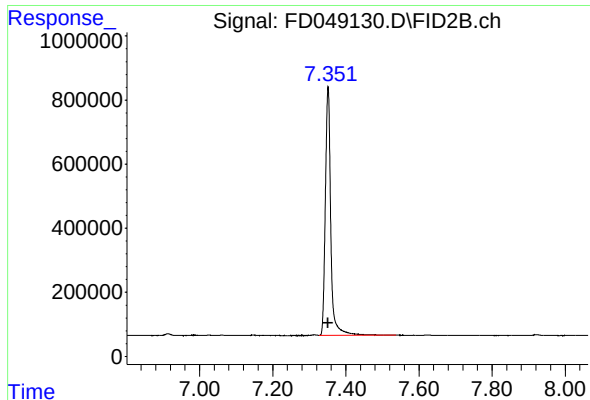
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
Data File : FD049130.D
Signal(s) : FID2B.ch
Acq On : 28 Feb 2025 11:00
Operator : YP/AJ
Sample : PB166923BL
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB166923BL

Integration File: autoint1.e
Quant Time: Mar 01 02:16:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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

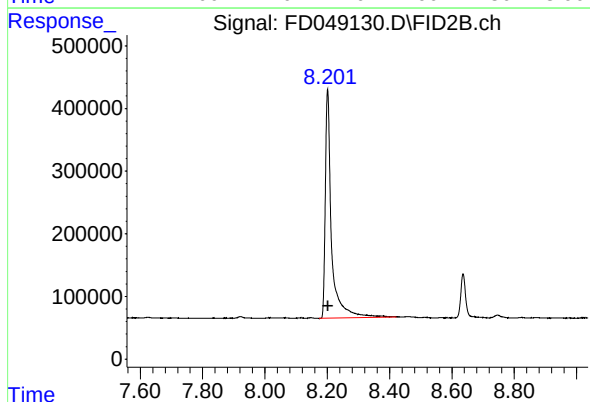




#4 2-Bromonaphthalene (SURR)

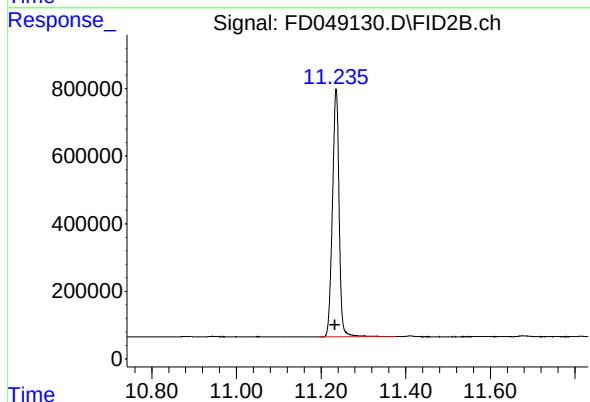
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 8010402
Conc: 55.97 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166923BL



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 5081253
Conc: 57.80 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.236 min
Delta R.T.: 0.002 min
Response: 8041222
Conc: 49.71 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
Data File : FD049130.D
Signal(s) : FID2B.ch
Acq On : 28 Feb 2025 11:00
Sample : PB166923BL
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	7.352	7.327	7.537	VB	776735	8010402	99.62%	37.905%
2	8.201	8.174	8.420	PB	364991	5081253	63.19%	24.044%
3	11.236	11.195	11.377	BB	734702	8041222	100.00%	38.051%
Sum of corrected areas:							21132876	

Aromatic EPH 021125.M Sat Mar 01 03:51:24 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068322.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 11:00
 Operator : YP/AJ
 Sample : PB166923BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166923BL

Integration File: autoint1.e
 Quant Time: Mar 05 05:22:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.840	4680251	41.612 ug/ml
Spiked Amount	50.000	Recovery	= 83.22%

Target Compounds

(f)=RT Delta > 1/2 Window

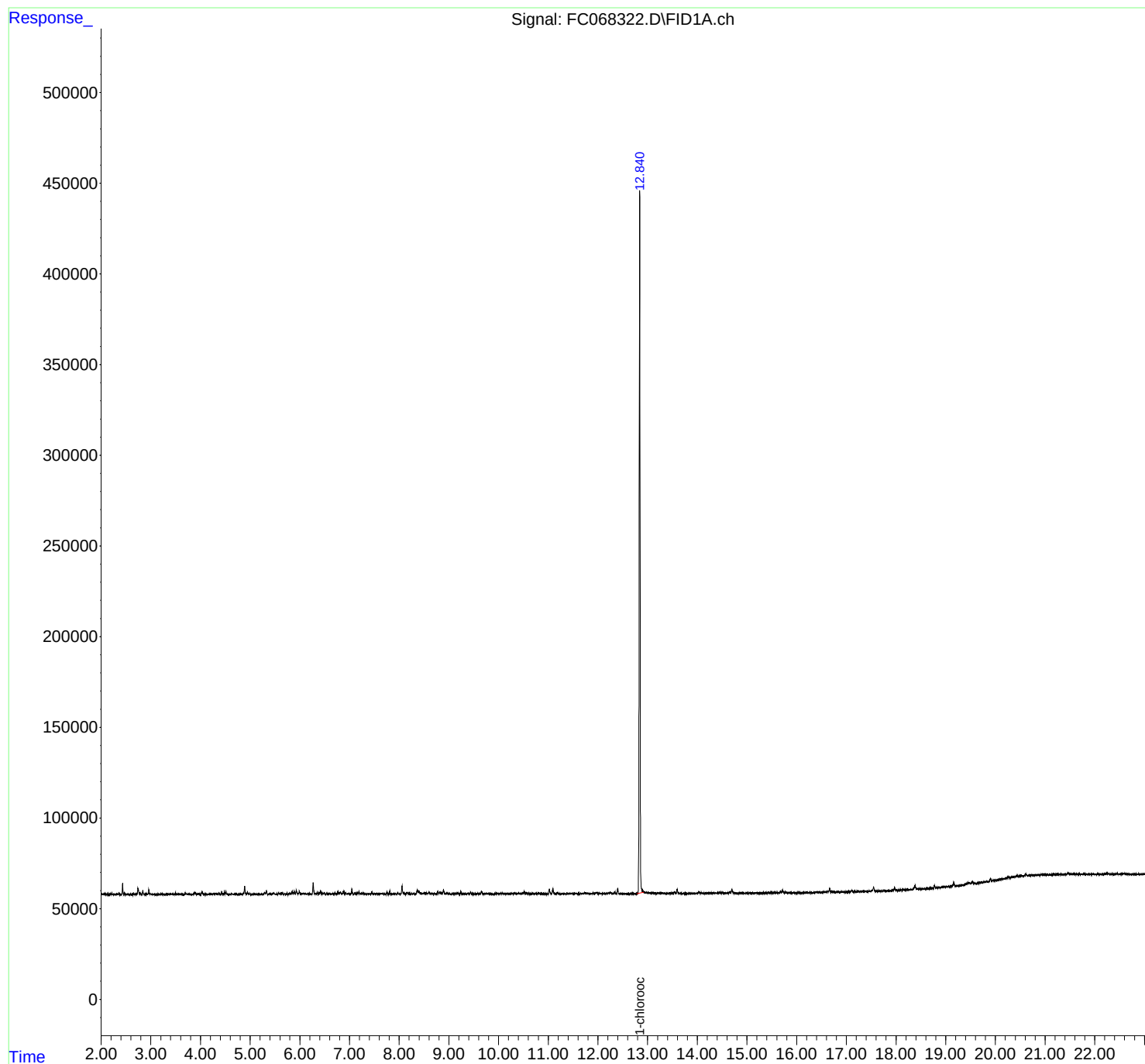
(m)=manual int.

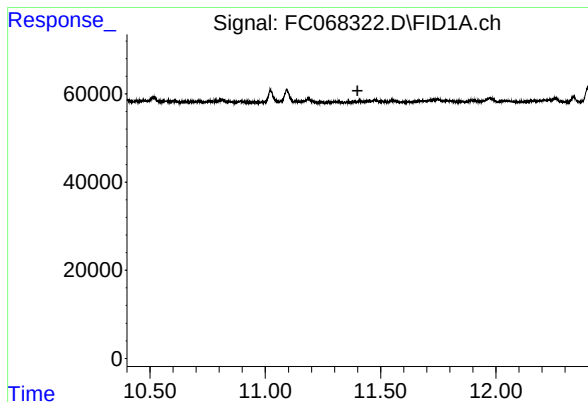
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
Data File : FC068322.D
Signal(s) : FID1A.ch
Acq On : 28 Feb 2025 11:00
Operator : YP/AJ
Sample : PB166923BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB166923BL

Integration File: autoint1.e
Quant Time: Mar 05 05:22:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

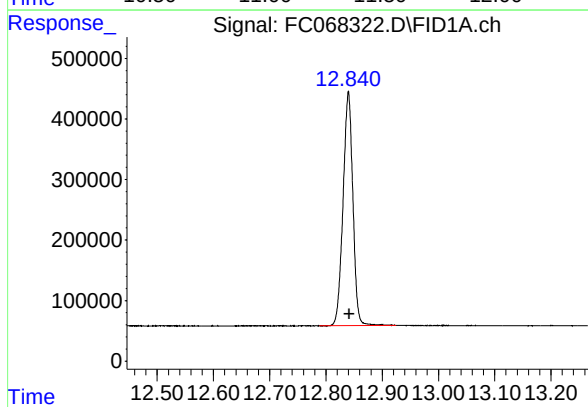




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.400 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
PB166923BL



#12 1-chlorooctadecane (SURR)

R.T.: 12.840 min
Delta R.T.: -0.002 min
Response: 4680251
Conc: 41.61 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068322.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 11:00
 Sample : PB166923BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	12.840	12.788	12.925	BB	386372	4680251	100.00%	100.000%
Sum of corrected areas:						4680251		

Aliphatic EPH 021125.M Sat Mar 01 01:22:54 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
 Data File : FD049102.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 16:23
 Operator : YP/AJ
 Sample : PB166863BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166863BS

Integration File: autoint1.e
 Quant Time: Feb 26 01:33:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.351	8578252	59.942 ug/ml
Spiked Amount 50.000		Recovery =	119.88%
6) S 2-Fluorobiphenyl (SURR)	8.202	4994005	56.807 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	113.61%
11) S ortho-Terphenyl (SURR)	11.237	8345069	51.585 ug/ml
Spiked Amount 50.000		Recovery =	103.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	6065078	38.084 ug/ml
2) T Naphthalene (C11.7)	5.692	7087569	44.636 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	7259810	46.629 ug/ml
5) T Acenaphthylene (C15.06)	8.004	8384708	51.565 ug/ml
7) T Acenaphthene (C15.5)	8.299	8801087	53.499 ug/ml
8) T Fluorene (C16.55)	9.078	8817188	55.929 ug/ml
9) T Phenanthrene (C19.36)	10.467	8872012	58.872 ug/ml
10) T Anthracene (C19.43)	10.542	9030746	59.795 ug/ml
12) T Fluoranthene (C21.85)	12.272	9098752	58.962 ug/ml
13) T Pyrene (C20.8)	12.565	8920599	57.904 ug/ml
14) T Benzo[a]anthracene (C...	14.436	8323275	63.348 ug/ml
15) T Chrysene (C27.41)	14.478	8230352	50.903 ug/ml
16) T benzo[b]fluoranthene ...	15.985	8299332	60.317 ug/ml
17) T Bnezo[k]fluoranthene ...	16.020	8407118	53.229 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.361	8002901	58.959 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	7642522	69.937 ug/ml
20) T Dibenz[a,h]anthracene...	17.766	7956870	51.288 ug/ml
21) T Benzo[g,h,i]perylene ...	17.983	7959297	54.910 ug/ml

(f)=RT Delta > 1/2 Window

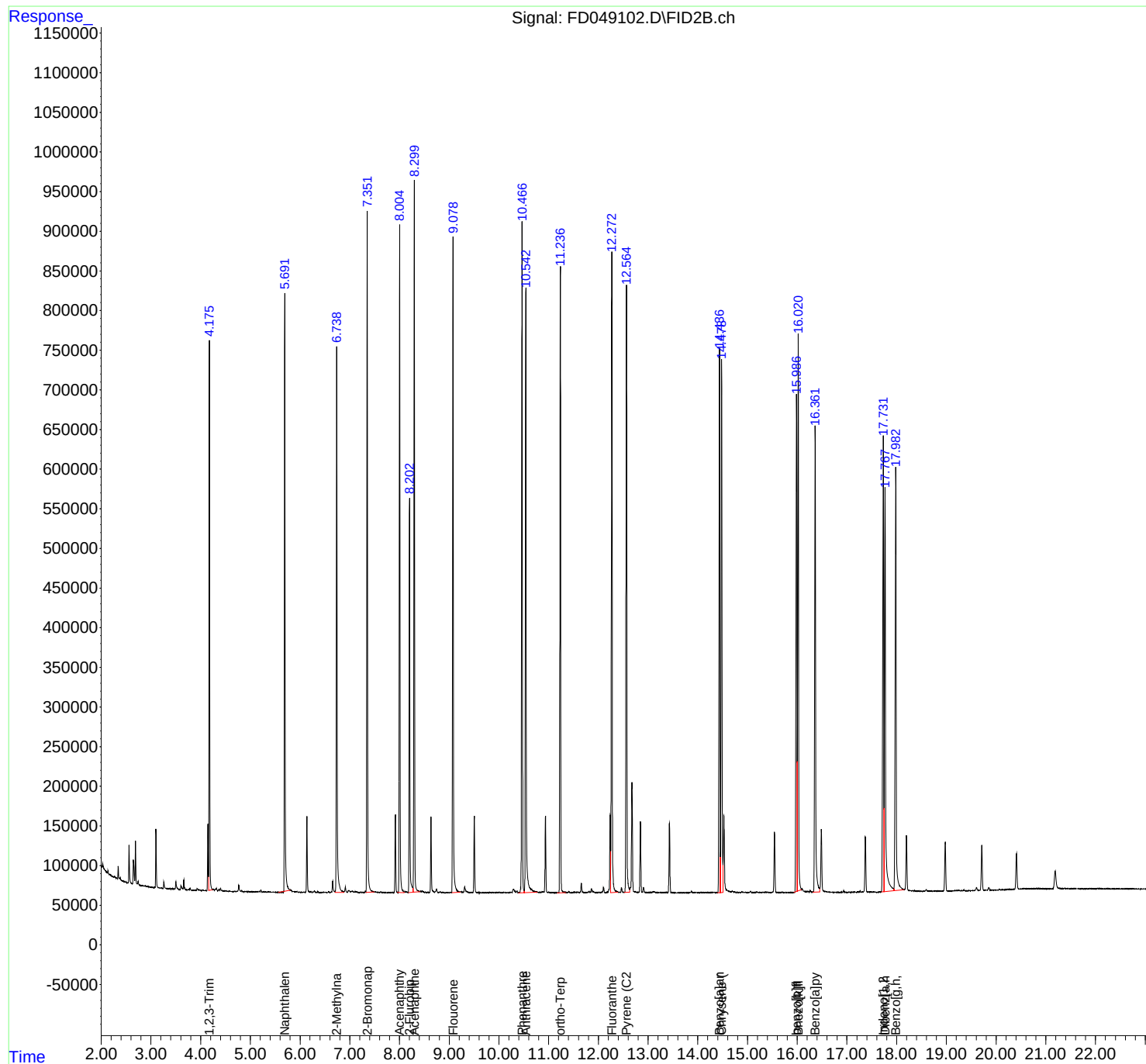
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
Data File : FD049102.D
Signal(s) : FID2B.ch
Acq On : 25 Feb 2025 16:23
Operator : YP/AJ
Sample : PB166863BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB166863BS

Integration File: autoint1.e
Quant Time: Feb 26 01:33:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
 Data File : FD049102.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 16:23
 Sample : PB166863BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.176	4.159	4.247	VV	693349	6065078	66.66%	3.587%
2	5.692	5.559	5.801	BV	749586	7087569	77.90%	4.192%
3	6.738	6.709	6.879	VV	689555	7259810	79.79%	4.294%
4	7.352	7.326	7.497	VB	859196	8578252	94.28%	5.074%
5	8.004	7.960	8.096	BV	839696	8384708	92.15%	4.959%
6	8.202	8.175	8.272	PV	497189	4994005	54.89%	2.954%
7	8.299	8.272	8.417	VB	894253	8801087	96.73%	5.205%
8	9.078	9.050	9.225	PV	828025	8817188	96.91%	5.215%
9	10.467	10.397	10.510	BV	847912	8872012	97.51%	5.247%
10	10.542	10.510	10.775	VB	761494	9030746	99.25%	5.341%
11	11.237	11.175	11.354	BB	790276	8345069	91.72%	4.936%
12	12.272	12.248	12.394	VV	807758	9098752	100.00%	5.381%
13	12.565	12.514	12.629	BV	766440	8920599	98.04%	5.276%
14	14.436	14.394	14.454	BV	686004	8323275	91.48%	4.923%
15	14.478	14.454	14.506	VV	673881	8230352	90.46%	4.868%
16	15.985	15.930	16.000	BV	625218	8299332	91.21%	4.909%
17	16.020	16.000	16.084	VV	705093	8407118	92.40%	4.972%
18	16.361	16.310	16.453	BV	585701	8002901	87.96%	4.733%
19	17.732	17.690	17.745	BV	575619	7642522	84.00%	4.520%
20	17.766	17.745	17.944	VV	511547	7956870	87.45%	4.706%
21	17.983	17.944	18.157	VV	532307	7959297	87.48%	4.708%
Sum of corrected areas:						169076542		

Aromatic EPH 021125.M Wed Feb 26 01:55:34 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022525AL\
 Data File : FC068297.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 16:23
 Operator : YP/AJ
 Sample : PB166863BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB166863BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/05/2025

Supervised By :Ankita Jodhani 03/05/2025

Integration File: autoint1.e

Quant Time: Mar 05 04:25:35 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M

Quant Title : GC Extractables

QLast Update : Wed Mar 05 03:08:52 2025

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.843	4574944	40.675 ug/ml
Spiked Amount 50.000		Recovery =	81.35%
Target Compounds			
1) T n-Nonane (C9)	3.206	3221618	22.901 ug/ml
2) T n-Decane (C10)	4.263	4108269	28.999 ug/ml
4) T n-Dodecane (C12)	6.272	4857635	34.510 ug/ml
6) T n-Tetradecane (C14)	8.061	5311836	38.959 ug/ml
7) T n-Hexadecane (C16)	9.657	5538668	40.438 ug/ml
8) T n-Octadecane (C18)	11.095	5793674	42.364 ug/ml
10) T n-Eicosane (C20)	12.402	6081631	46.679 ug/ml
11) T n-Heneicosane (C21)	13.013	5823276	45.549 ug/ml
13) T n-Docosane (C22)	13.598	5769887	45.783 ug/ml
14) T n-Tetracosane (C24)	14.700	5666270	45.557 ug/ml
15) T n-Hexacosane (C26)	15.719	5550320	45.647 ug/ml
16) T n-Octacosane (C28)	16.667	5378801	45.289 ug/ml
17) T n-Tricontane (C30)	17.554	5501897	45.710 ug/mlm
18) T n-Dotriacontane (C32)	18.385	5451575	46.969 ug/mlm
19) T n-Tetratriacontane (C34)	19.169	5360093	49.604 ug/ml
20) T n-Hexatriacontane (C36)	19.908	5106343	53.098 ug/ml
21) T n-Octatriacontane (C38)	20.621	4893810	54.438 ug/ml
22) T n-Tetracontane (C40)	21.477	4666615	53.937 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022525AL\
Data File : FC068297.D
Signal(s) : FID1A.ch
Acq On : 25 Feb 2025 16:23
Operator : YP/AJ
Sample : PB166863BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB166863BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/05/2025

Supervised By :Ankita Jodhani 03/05/2025

Integration File: autoint1.e

Quant Time: Mar 05 04:25:35 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M

Quant Title : GC Extractables

QLast Update : Wed Mar 05 03:08:52 2025

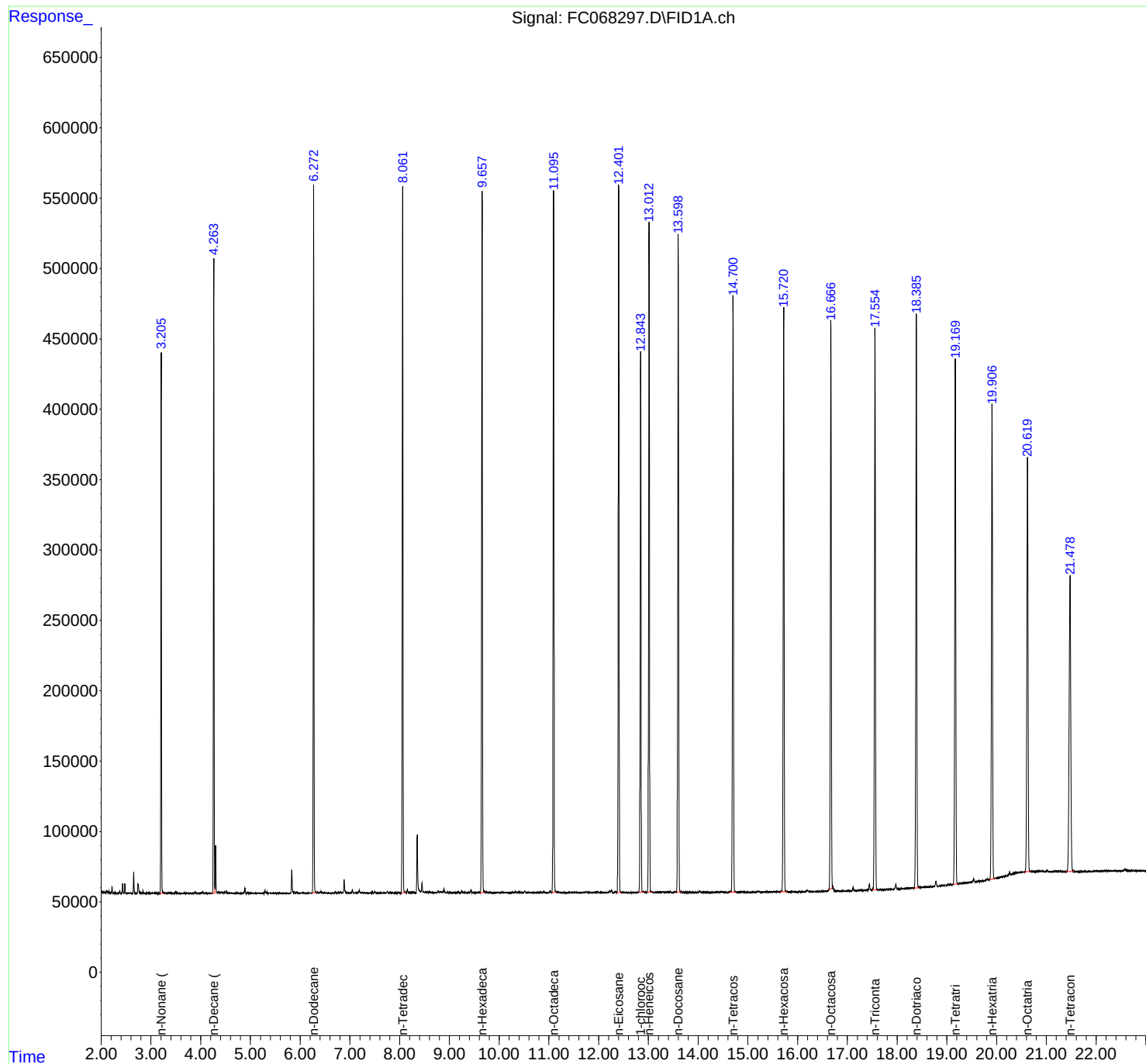
Response via : Initial Calibration

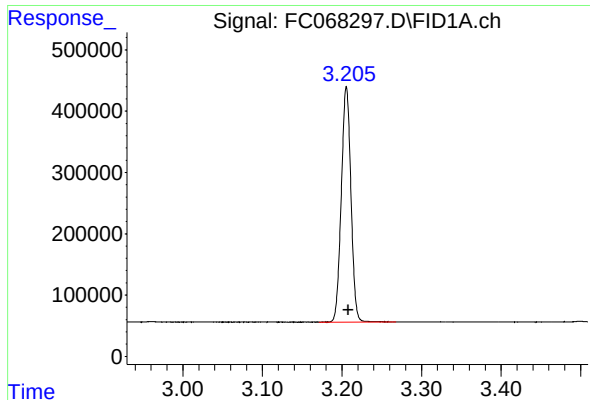
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





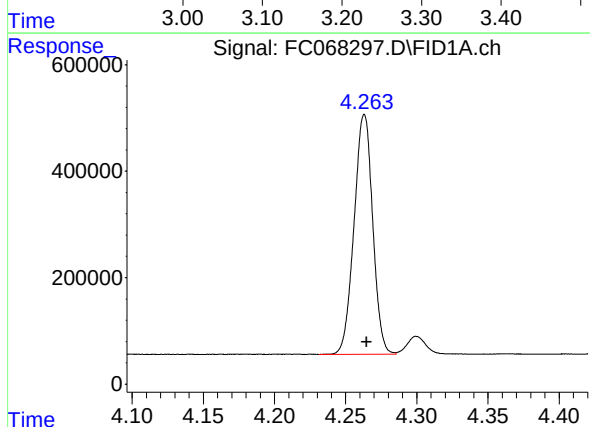
#1 n-Nonane (C9)

R.T.: 3.206 min
Delta R.T.: -0.002 min
Response: 3221618
Conc: 22.90 ug/ml

Instrument :
FID_C
ClientSampleId :
PB166863BS

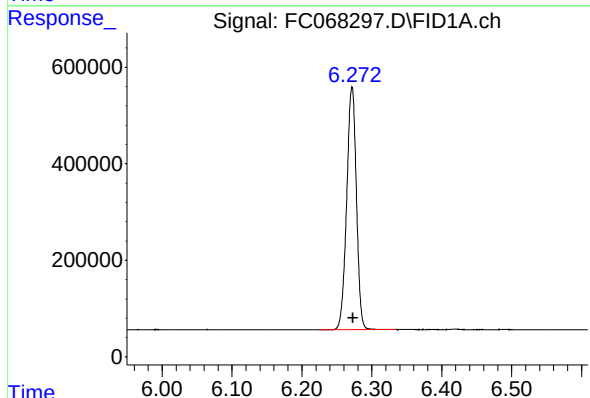
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/05/2025
Supervised By :Ankita Jodhani 03/05/2025



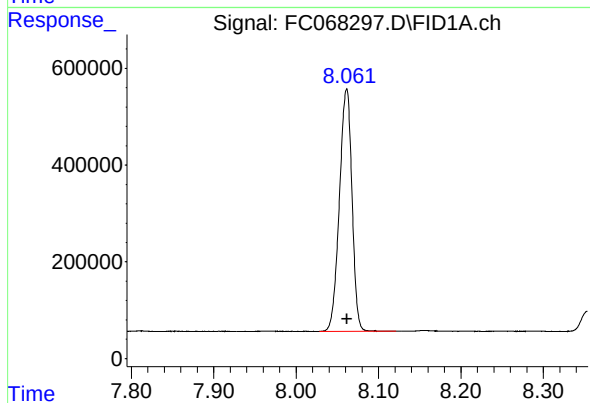
#2 n-Decane (C10)

R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 4108269
Conc: 29.00 ug/ml



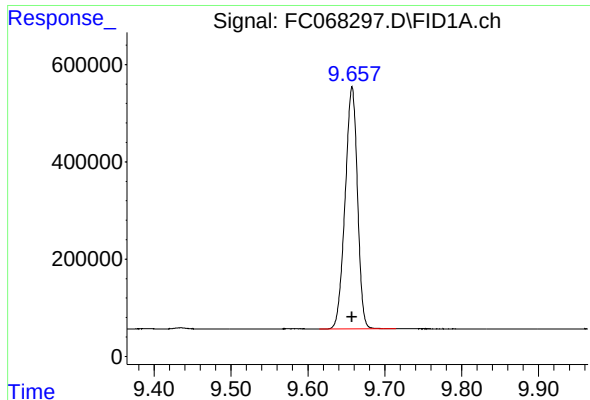
#4 n-Dodecane (C12)

R.T.: 6.272 min
Delta R.T.: -0.001 min
Response: 4857635
Conc: 34.51 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 5311836
Conc: 38.96 ug/ml



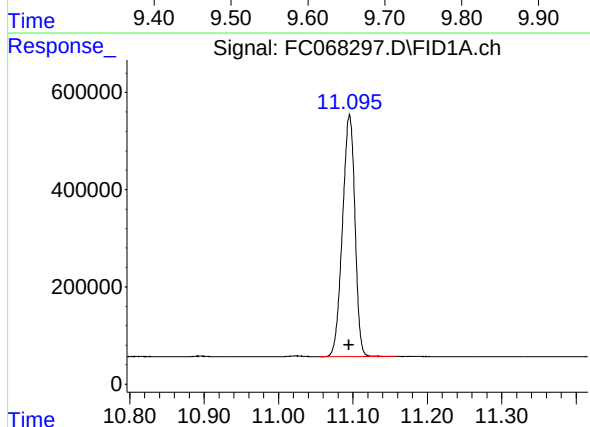
#7 n-Hexadecane (C16)

R.T.: 9.657 min
Delta R.T.: 0.000 min
Response: 5538668
Conc: 40.44 ug/ml

Instrument :
FID_C
ClientSampleId :
PB166863BS

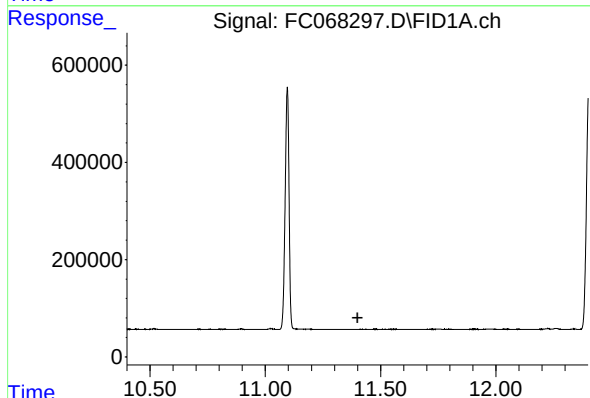
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/05/2025
Supervised By :Ankita Jodhani 03/05/2025



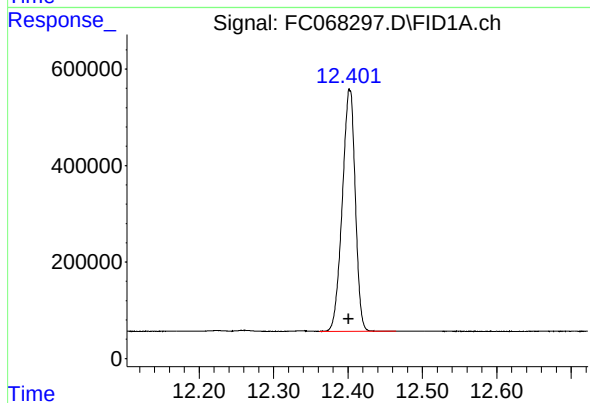
#8 n-Octadecane (C18)

R.T.: 11.095 min
Delta R.T.: 0.000 min
Response: 5793674
Conc: 42.36 ug/ml



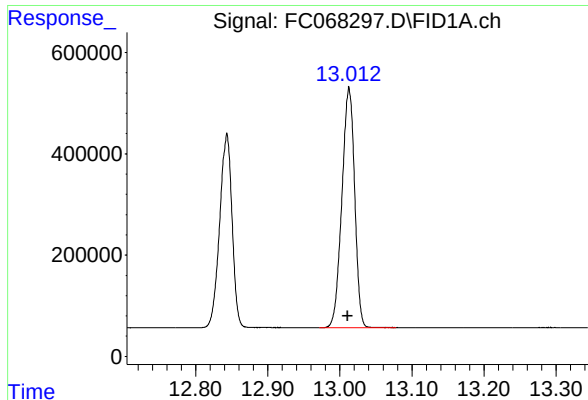
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.400 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.402 min
Delta R.T.: 0.001 min
Response: 6081631
Conc: 46.68 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.013 min
Delta R.T.: 0.002 min
Response: 5823276
Conc: 45.55 ug/ml

Instrument :

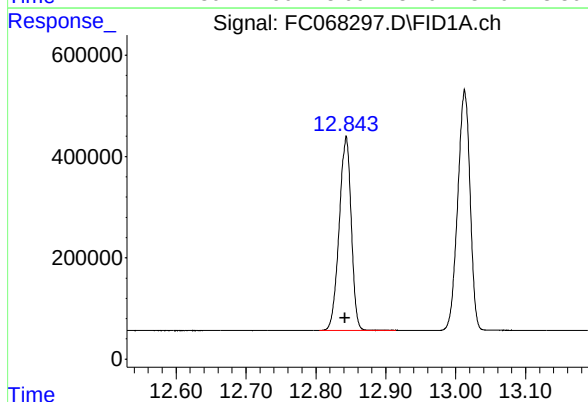
FID_C

ClientSampleId :

PB166863BS

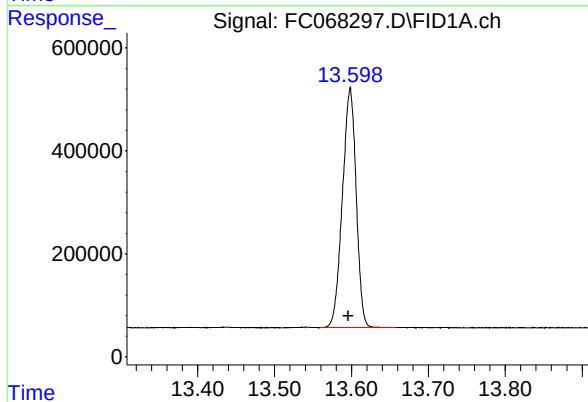
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/05/2025
Supervised By :Ankita Jodhani 03/05/2025



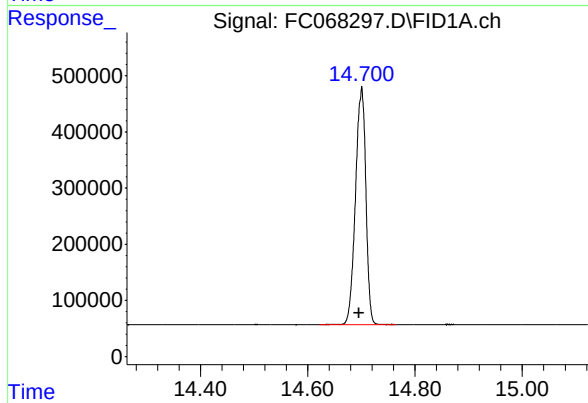
#12 1-chlorooctadecane (SURR)

R.T.: 12.843 min
Delta R.T.: 0.001 min
Response: 4574944
Conc: 40.68 ug/ml



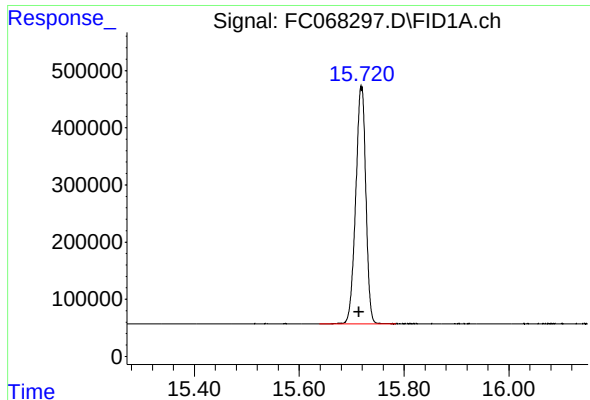
#13 n-Docosane (C22)

R.T.: 13.598 min
Delta R.T.: 0.002 min
Response: 5769887
Conc: 45.78 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.700 min
Delta R.T.: 0.004 min
Response: 5666270
Conc: 45.56 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.719 min
Delta R.T.: 0.005 min
Response: 5550320
Conc: 45.65 ug/ml

Instrument :

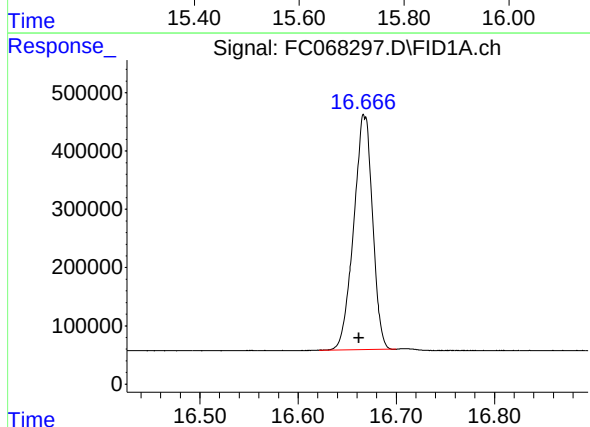
FID_C

ClientSampleId :

PB166863BS

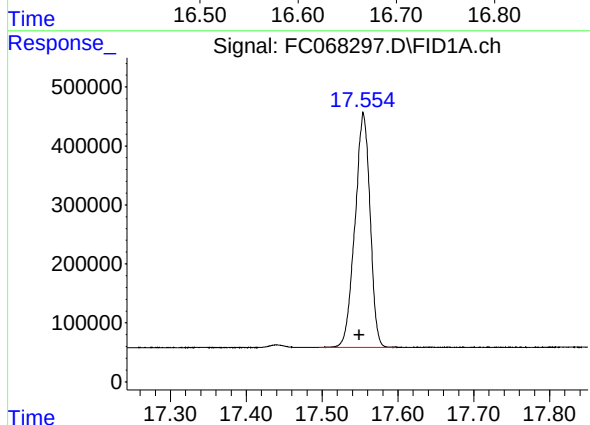
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/05/2025
Supervised By :Ankita Jodhani 03/05/2025



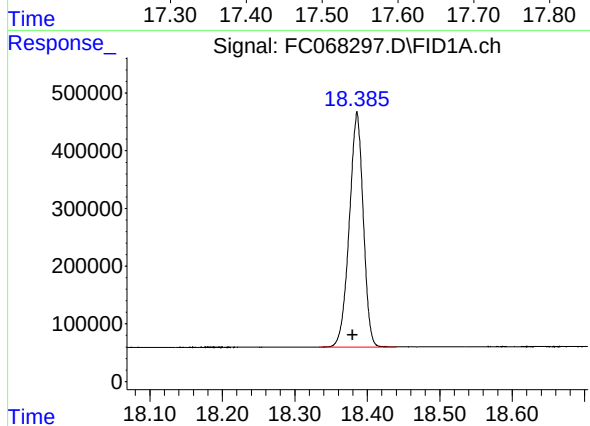
#16 n-Octacosane (C28)

R.T.: 16.667 min
Delta R.T.: 0.005 min
Response: 5378801
Conc: 45.29 ug/ml



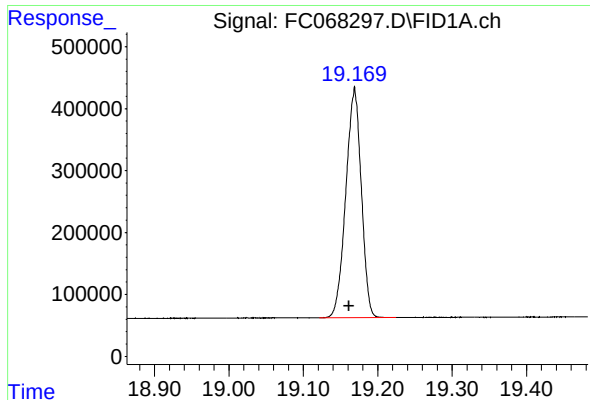
#17 n-Tricontane (C30)

R.T.: 17.554 min
Delta R.T.: 0.005 min
Response: 5501897
Conc: 45.71 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.385 min
Delta R.T.: 0.006 min
Response: 5451575
Conc: 46.97 ug/ml m



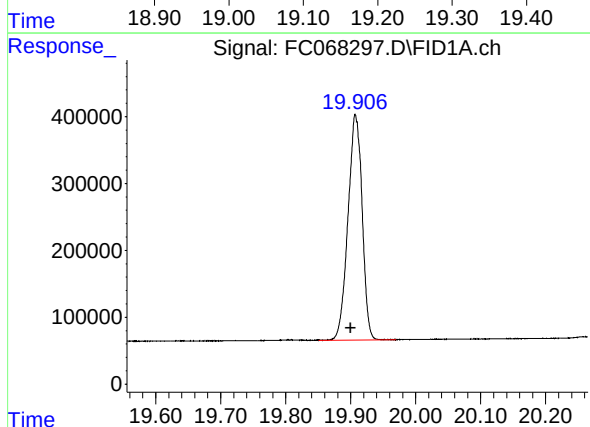
#19 n-Tetratriacontane (C34)

R.T.: 19.169 min
Delta R.T.: 0.007 min
Response: 5360093
Conc: 49.60 ug/ml

Instrument :
FID_C
ClientSampleId :
PB166863BS

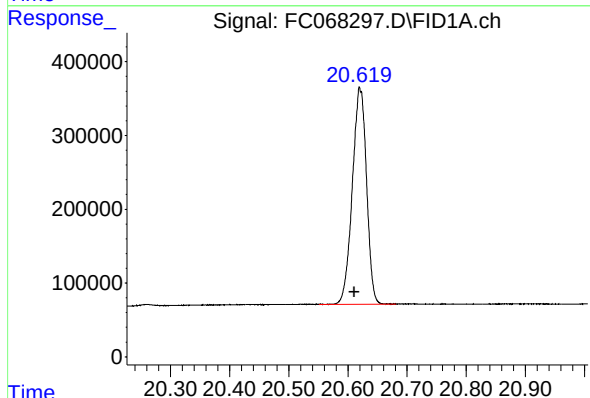
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/05/2025
Supervised By :Ankita Jodhani 03/05/2025



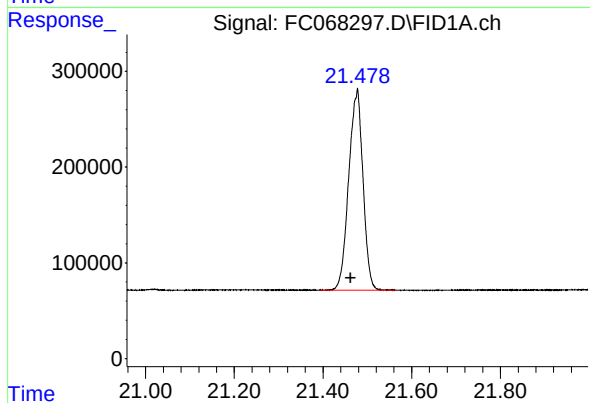
#20 n-Hexatriacontane (C36)

R.T.: 19.908 min
Delta R.T.: 0.008 min
Response: 5106343
Conc: 53.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.621 min
Delta R.T.: 0.010 min
Response: 4893810
Conc: 54.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.477 min
Delta R.T.: 0.014 min
Response: 4666615
Conc: 53.94 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022525AL\
 Data File : FC068297.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 16:23
 Sample : PB166863BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.206	3.171	3.268	BB	381826	3221618	52.97%	3.262%
2	4.263	4.231	4.285	BV	454536	4108269	67.55%	4.159%
3	6.272	6.225	6.335	BB	502514	4857635	79.87%	4.918%
4	8.061	8.028	8.121	BB	502495	5311836	87.34%	5.378%
5	9.657	9.615	9.715	BB	498144	5538668	91.07%	5.608%
6	11.095	11.055	11.158	BB	497198	5793674	95.27%	5.866%
7	12.402	12.361	12.465	BB	503049	6081631	100.00%	6.157%
8	12.843	12.805	12.915	BB	385236	4574944	75.23%	4.632%
9	13.013	12.971	13.078	BB	470344	5823276	95.75%	5.896%
10	13.598	13.558	13.658	BB	461828	5769887	94.87%	5.842%
11	14.700	14.621	14.765	BB	423477	5666270	93.17%	5.737%
12	15.719	15.638	15.785	BB	414513	5550320	91.26%	5.619%
13	16.667	16.598	16.741	BB	403789	5490499	90.28%	5.559%
14	17.555	17.478	17.608	BB	397052	5508592	90.58%	5.577%
15	18.386	18.321	18.451	BB	400274	5446732	89.56%	5.515%
16	19.169	19.121	19.225	BB	365901	5360093	88.14%	5.427%
17	19.908	19.851	19.970	BBA	335344	5106343	83.96%	5.170%
18	20.621	20.551	20.681	BB	290594	4893810	80.47%	4.955%
19	21.477	21.391	21.565	BB	210680	4666615	76.73%	4.725%
Sum of corrected areas:						98770711		

Aliphatic EPH 021125.M Wed Feb 26 02:46:27 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049131.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 11:37
 Operator : YP/AJ
 Sample : PB166923BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166923BS

Integration File: autoint1.e
 Quant Time: Mar 01 02:17:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.352	8337130	58.257 ug/ml
Spiked Amount 50.000		Recovery =	116.51%
6) S 2-Fluorobiphenyl (SURR)	8.203	5441864	61.901 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	123.80%
11) S ortho-Terphenyl (SURR)	11.237	8579131	53.031 ug/ml
Spiked Amount 50.000		Recovery =	106.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	7284149	45.739 ug/ml
2) T Naphthalene (C11.7)	5.693	8222037	51.780 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	8074488	51.862 ug/ml
5) T Acenaphthylene (C15.06)	8.005	9136899	56.191 ug/ml
7) T Acenaphthene (C15.5)	8.300	9599893	58.355 ug/ml
8) T Fluorene (C16.55)	9.079	9673508	61.361 ug/ml
9) T Phenanthrene (C19.36)	10.467	9815403	65.132 ug/ml
10) T Anthracene (C19.43)	10.543	9838705	65.145 ug/ml
12) T Fluoranthene (C21.85)	12.273	10212040	66.177 ug/ml
13) T Pyrene (C20.8)	12.566	10018958	65.034 ug/ml
14) T Benzo[a]anthracene (C...	14.437	9485151	72.191 ug/ml
15) T Chrysene (C27.41)	14.479	9302019	57.531 ug/ml
16) T benzo[b]fluoranthene ...	15.987	9472667	68.845 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	9519915	60.275 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.362	9102339	67.059 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.733	8774948	80.300 ug/ml
20) T Dibenz[a,h]anthracene...	17.767	8997450	57.996 ug/ml
21) T Benzo[g,h,i]perylene ...	17.983	8981700	61.964 ug/ml

(f)=RT Delta > 1/2 Window

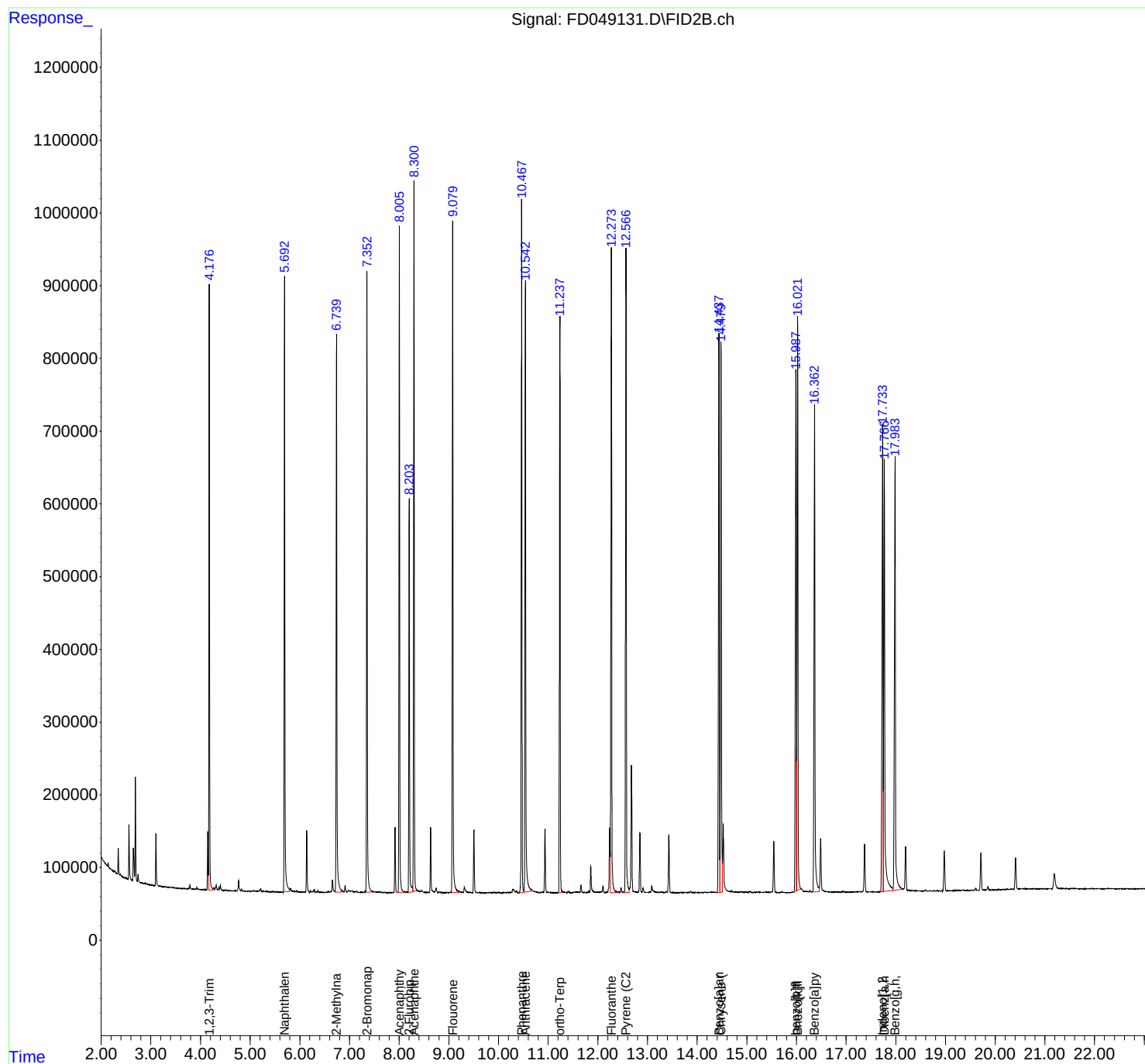
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
Data File : FD049131.D
Signal(s) : FID2B.ch
Acq On : 28 Feb 2025 11:37
Operator : YP/AJ
Sample : PB166923BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB166923BS

Integration File: autoint1.e
Quant Time: Mar 01 02:17:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049131.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 11:37
 Sample : PB166923BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.176	4.160	4.251	VV	832466	7284149	71.33%	3.877%
2	5.693	5.625	5.797	BV	847783	8222037	80.51%	4.376%
3	6.739	6.710	6.875	VV	766284	8074488	79.07%	4.298%
4	7.352	7.328	7.497	VB	853398	8337130	81.64%	4.438%
5	8.005	7.960	8.095	BV	916751	9136899	89.47%	4.863%
6	8.203	8.177	8.272	BV	542452	5441864	53.29%	2.897%
7	8.300	8.272	8.367	VV	975321	9599893	94.01%	5.110%
8	9.079	9.051	9.230	PV	926912	9673508	94.73%	5.149%
9	10.467	10.403	10.513	BV	952424	9815403	96.12%	5.225%
10	10.543	10.513	10.647	VV	840898	9838705	96.34%	5.237%
11	11.237	11.193	11.310	BV	791167	8579131	84.01%	4.567%
12	12.273	12.248	12.427	VB	888617	10212040	100.00%	5.436%
13	12.566	12.507	12.632	VV	889348	10018958	98.11%	5.333%
14	14.437	14.393	14.454	BV	768080	9485151	92.88%	5.049%
15	14.479	14.454	14.507	VV	756410	9302019	91.09%	4.951%
16	15.987	15.930	16.001	BV	716637	9472667	92.76%	5.042%
17	16.022	16.001	16.085	VV	788969	9519915	93.22%	5.067%
18	16.362	16.313	16.457	BV	670089	9102339	89.13%	4.845%
19	17.733	17.690	17.746	BV	643928	8774948	85.93%	4.671%
20	17.767	17.746	17.942	VV	594625	8997450	88.11%	4.789%
21	17.983	17.942	18.143	VV	596917	8981700	87.95%	4.781%
Sum of corrected areas:						187870394		

Aromatic EPH 021125.M Sat Mar 01 03:53:48 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068323.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 11:37
 Operator : YP/AJ
 Sample : PB166923BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166923BS

Integration File: autoint1.e
 Quant Time: Mar 05 05:23:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.840	4376930	38.915 ug/ml
Spiked Amount 50.000		Recovery =	77.83%
Target Compounds			
1) T n-Nonane (C9)	3.205	3770437	26.802 ug/ml
2) T n-Decane (C10)	4.262	4690075	33.105 ug/ml
4) T n-Dodecane (C12)	6.270	5370934	38.157 ug/ml
6) T n-Tetradecane (C14)	8.059	5778269	42.380 ug/ml
7) T n-Hexadecane (C16)	9.655	6026599	44.001 ug/ml
8) T n-Octadecane (C18)	11.094	6267228	45.827 ug/ml
10) T n-Eicosane (C20)	12.400	6468032	49.645 ug/ml
11) T n-Heneicosane (C21)	13.011	6177617	48.320 ug/ml
13) T n-Docosane (C22)	13.595	6141972	48.735 ug/ml
14) T n-Tetracosane (C24)	14.696	6008487	48.309 ug/ml
15) T n-Hexacosane (C26)	15.715	5879209	48.352 ug/ml
16) T n-Octacosane (C28)	16.664	5728664	48.234 ug/ml
17) T n-Tricontane (C30)	17.550	5730289	47.607 ug/ml
18) T n-Dotriacontane (C32)	18.381	5695730	49.073 ug/ml
19) T n-Tetratriacontane (C34)	19.164	5652338	52.308 ug/ml
20) T n-Hexatriacontane (C36)	19.903	5406820	56.222 ug/ml
21) T n-Octatriacontane (C38)	20.615	5240074	58.289 ug/ml
22) T n-Tetracontane (C40)	21.470	5034272	58.186 ug/ml

(f)=RT Delta > 1/2 Window

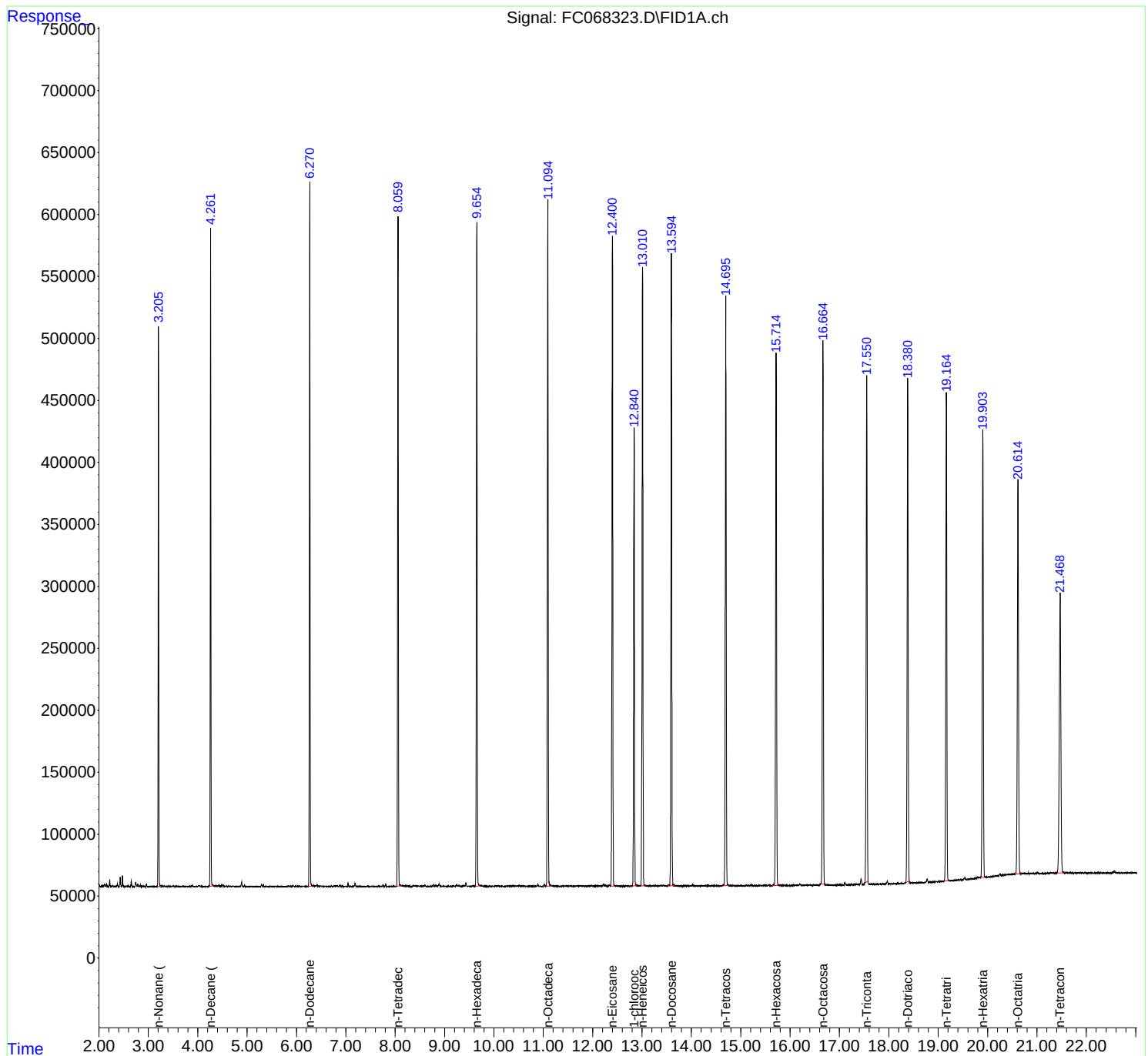
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
Data File : FC068323.D
Signal(s) : FID1A.ch
Acq On : 28 Feb 2025 11:37
Operator : YP/AJ
Sample : PB166923BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB166923BS

Integration File: autoint1.e
Quant Time: Mar 05 05:23:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068323.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 11:37
 Sample : PB166923BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.205	3.178	3.268	BB	449086	3770437	58.29%	3.570%
2	4.262	4.228	4.321	BB	526418	4690075	72.51%	4.441%
3	6.270	6.228	6.331	BB	569210	5370934	83.04%	5.085%
4	8.059	8.028	8.124	BB	538627	5778269	89.34%	5.471%
5	9.655	9.614	9.721	BB	535914	6026599	93.18%	5.706%
6	11.094	11.054	11.164	BB	550618	6267228	96.90%	5.934%
7	12.400	12.364	12.461	BB	527788	6468032	100.00%	6.124%
8	12.840	12.794	12.901	BB	374039	4376930	67.67%	4.144%
9	13.011	12.968	13.071	BB	499069	6177617	95.51%	5.849%
10	13.595	13.514	13.658	BB	506611	6141972	94.96%	5.815%
11	14.696	14.614	14.754	BB	474250	6008487	92.90%	5.689%
12	15.715	15.634	15.778	BB	426830	5879209	90.90%	5.567%
13	16.664	16.598	16.728	BB	438374	5768514	89.18%	5.462%
14	17.550	17.488	17.608	BB	407922	5811305	89.85%	5.502%
15	18.381	18.304	18.448	BB	407994	5745667	88.83%	5.440%
16	19.164	19.121	19.224	BB	392230	5652338	87.39%	5.352%
17	19.903	19.851	19.948	BB	359474	5406820	83.59%	5.119%
18	20.615	20.551	20.678	BB	318753	5240074	81.01%	4.961%
19	21.470	21.391	21.554	BB	221575	5034272	77.83%	4.767%
Sum of corrected areas:						105614773		

Aliphatic EPH 021125.M Sat Mar 01 01:23:14 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
 Data File : FD049103.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 16:59
 Operator : YP/AJ
 Sample : PB166863BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB166863BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/26/2025

Supervised By :Ankita Jodhani 02/26/2025

Integration File: autoint1.e

Quant Time: Feb 26 01:33:37 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M

Quant Title : GC Extractables

QLast Update : Wed Feb 12 12:54:29 2025

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.354	8562419	59.831 ug/ml
Spiked Amount 50.000		Recovery =	119.66%
6) S 2-Fluorobiphenyl (SURR)	8.204	4975359	56.595 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	113.19%
11) S ortho-Terphenyl (SURR)	11.239	8267824	51.107 ug/ml
Spiked Amount 50.000		Recovery =	102.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.178	6036938	37.908 ug/ml
2) T Naphthalene (C11.7)	5.694	7123358	44.861 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	7238167	46.490 ug/ml
5) T Acenaphthylene (C15.06)	8.007	8331286	51.236 ug/ml
7) T Acenaphthene (C15.5)	8.302	8763060	53.268 ug/ml
8) T Flouorene (C16.55)	9.081	8780584	55.697 ug/ml
9) T Phenanthrene (C19.36)	10.469	8838259	58.648 ug/ml
10) T Anthracene (C19.43)	10.545	8995903	59.564 ug/ml
12) T Fluoranthene (C21.85)	12.273	9090301	58.907 ug/ml
13) T Pyrene (C20.8)	12.566	8873510	57.598 ug/ml
14) T Benzo[a]anthracene (C...	14.438	8339919	63.475 ug/ml
15) T Chrysene (C27.41)	14.480	8235263	50.934 ug/ml
16) T benzo[b]fluoranthene ...	15.987	8292228	60.266 ug/ml
17) T Bnezo[k]fluoranthene ...	16.021	8408302	53.237 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.362	8013250	59.035 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.734	7573771	69.308 ug/mlm
20) T Dibenz[a,h]anthracene...	17.767	8097331	52.194 ug/ml
21) T Benzo[g,h,i]perylene ...	17.984	8000939	55.198 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
Data File : FD049103.D
Signal(s) : FID2B.ch
Acq On : 25 Feb 2025 16:59
Operator : YP/AJ
Sample : PB166863BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB166863BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/26/2025

Supervised By :Ankita Jodhani 02/26/2025

Integration File: autoint1.e

Quant Time: Feb 26 01:33:37 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M

Quant Title : GC Extractables

QLast Update : Wed Feb 12 12:54:29 2025

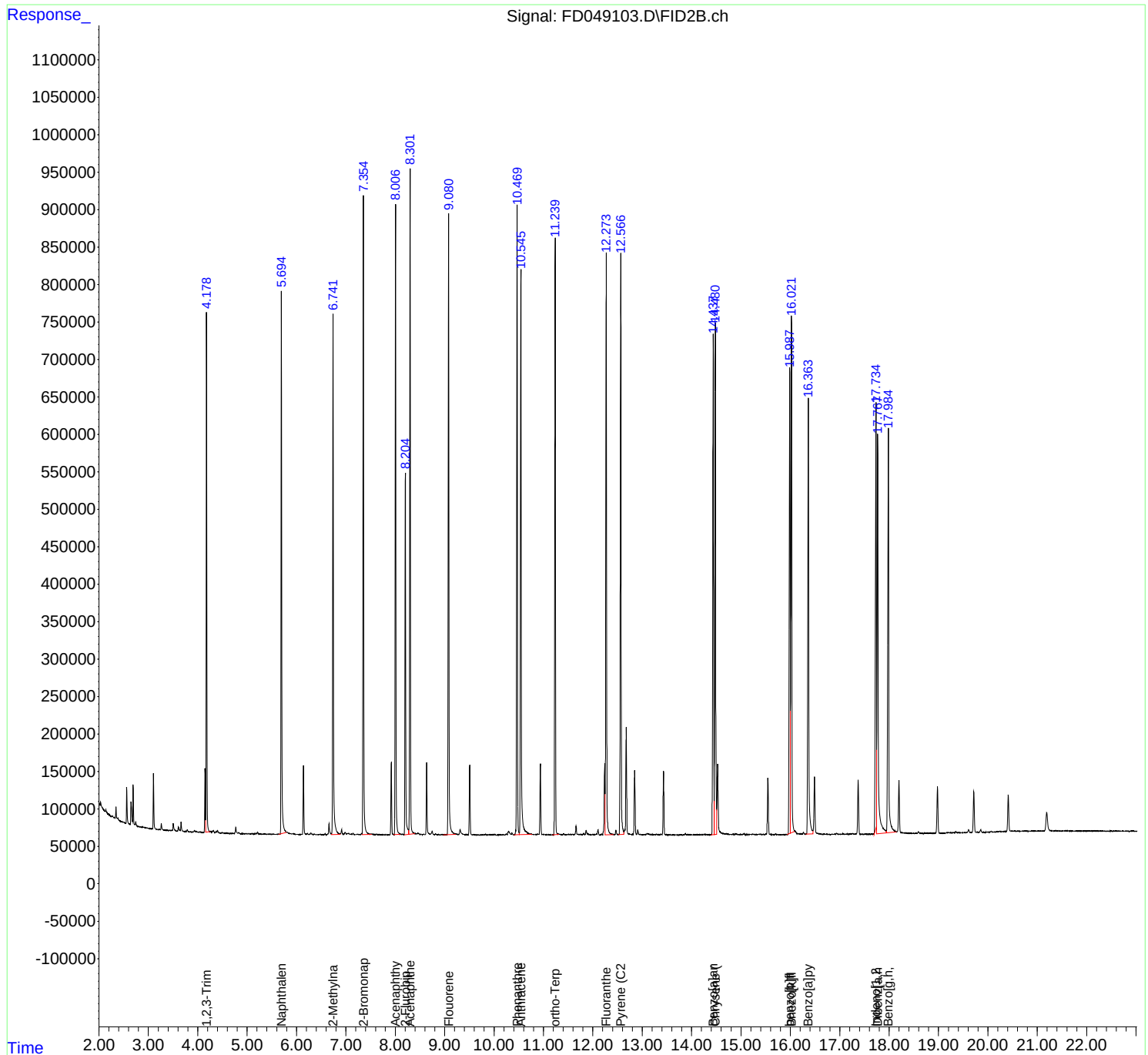
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm



rteres

Instrument :

FID_D

ClientSampleId :

PB166863BSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/26/2025

Supervised By :Ankita Jodhani 02/26/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD02252
 Data File : FD049103.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 16:59
 Sample : PB166863BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.178	4.161	4.252	VV	692403	6036938	66.41%	3.573%
2	5.694	5.639	5.799	BV	723665	7123358	78.36%	4.216%
3	6.741	6.712	6.885	VV	691652	7238167	79.63%	4.284%
4	7.354	7.329	7.524	VB	849678	8562419	94.19%	5.067%
5	8.007	7.960	8.102	BV	842423	8331286	91.65%	4.931%
6	8.204	8.180	8.273	BV	482492	4975359	54.73%	2.945%
7	8.302	8.273	8.402	VB	888349	8763060	96.40%	5.186%
8	9.081	8.969	9.223	BV	828620	8780584	96.59%	5.197%
9	10.469	10.399	10.514	BV	840553	8838259	97.23%	5.231%
10	10.545	10.514	10.772	VB	757459	8995903	98.96%	5.324%
11	11.239	11.180	11.312	BV	795698	8267824	90.95%	4.893%
12	12.273	12.250	12.420	VB	776498	9090301	100.00%	5.380%
13	12.566	12.514	12.629	BV	777629	8873510	97.62%	5.252%
14	14.438	14.394	14.456	BV	668954	8339919	91.75%	4.936%
15	14.480	14.456	14.507	VV	683605	8235263	90.59%	4.874%
16	15.987	15.930	16.002	BV	621691	8292228	91.22%	4.908%
17	16.021	16.002	16.089	VV	691504	8408302	92.50%	4.976%
18	16.362	16.310	16.457	BV	580003	8013250	88.15%	4.742%
19	17.733	17.690	17.747	BV	575539	7704959	84.76%	4.560%
20	17.767	17.747	17.944	VV	531539	8097331	89.08%	4.792%
21	17.984	17.944	18.152	VV	538637	8000939	88.02%	4.735%
Sum of corrected areas:						168969159		

Aromatic EPH 021125.M Wed Feb 26 01:56:56 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022525AL\
 Data File : FC068298.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 16:59
 Operator : YP/AJ
 Sample : PB166863BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB166863BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/05/2025

Supervised By :Ankita Jodhani 03/05/2025

Integration File: autoint1.e

Quant Time: Mar 05 04:25:43 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M

Quant Title : GC Extractables

QLast Update : Wed Mar 05 03:08:52 2025

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.843	4496924	39.982 ug/ml
Spiked Amount 50.000		Recovery =	79.96%
Target Compounds			
1) T n-Nonane (C9)	3.207	3285660	23.356 ug/ml
2) T n-Decane (C10)	4.263	4185108	29.541 ug/ml
4) T n-Dodecane (C12)	6.272	4932731	35.044 ug/ml
6) T n-Tetradecane (C14)	8.061	5376672	39.435 ug/ml
7) T n-Hexadecane (C16)	9.657	5577654	40.723 ug/ml
8) T n-Octadecane (C18)	11.096	5804058	42.440 ug/ml
10) T n-Eicosane (C20)	12.402	6071641	46.602 ug/ml
11) T n-Heneicosane (C21)	13.013	5796518	45.339 ug/ml
13) T n-Docosane (C22)	13.598	5740028	45.546 ug/ml
14) T n-Tetracosane (C24)	14.700	5626795	45.240 ug/ml
15) T n-Hexacosane (C26)	15.719	5512084	45.332 ug/ml
16) T n-Octacosane (C28)	16.667	5352082	45.064 ug/ml
17) T n-Tricontane (C30)	17.552	5468791	45.435 ug/mlm
18) T n-Dotriacontane (C32)	18.384	5422072	46.715 ug/mlm
19) T n-Tetratriacontane (C34)	19.168	5357393	49.579 ug/ml
20) T n-Hexatriacontane (C36)	19.907	5113233	53.169 ug/ml
21) T n-Octatriacontane (C38)	20.620	4922998	54.762 ug/ml
22) T n-Tetracontane (C40)	21.476	4711323	54.453 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022525AL\
Data File : FC068298.D
Signal(s) : FID1A.ch
Acq On : 25 Feb 2025 16:59
Operator : YP/AJ
Sample : PB166863BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_C

Client Sample Id :

PB166863BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/05/2025

Supervised By :Ankita Jodhani 03/05/2025

Integration File: autoint1.e

Quant Time: Mar 05 04:25:43 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M

Quant Title : GC Extractables

QLast Update : Wed Mar 05 03:08:52 2025

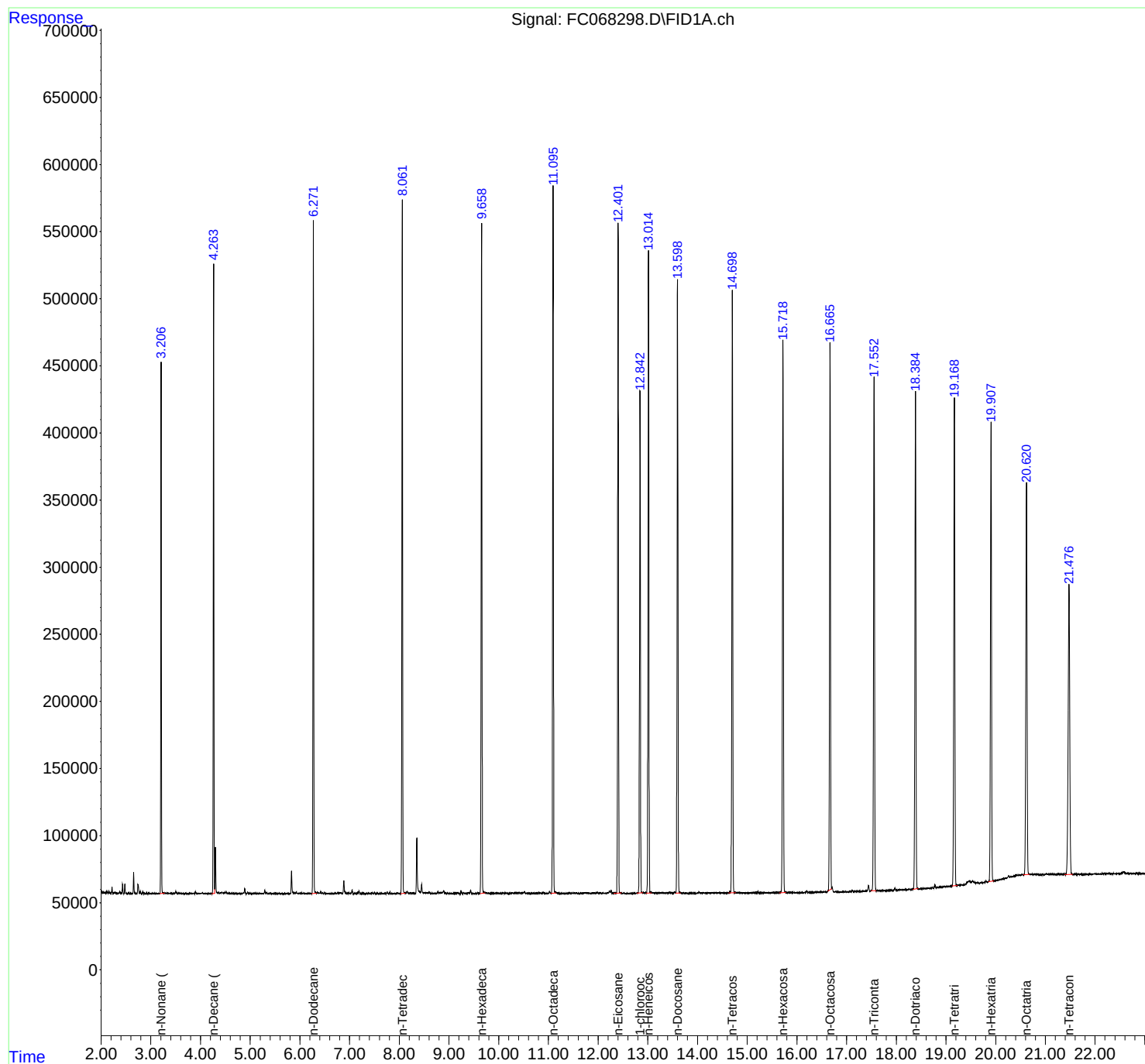
Response via : Initial Calibration

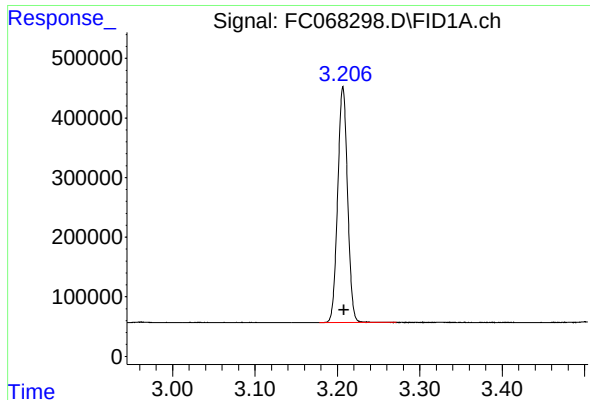
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.207 min
Delta R.T.: -0.001 min
Response: 3285660
Conc: 23.36 ug/ml

Instrument :

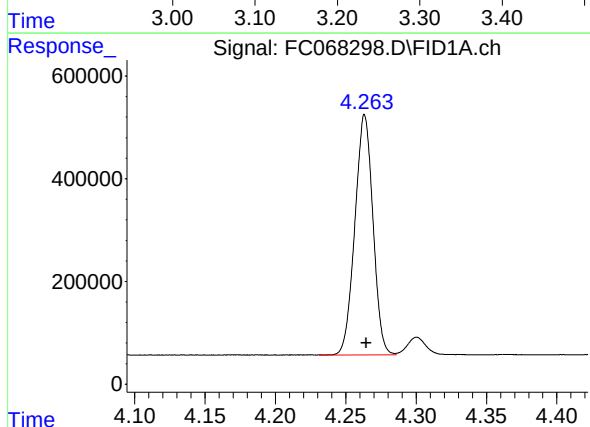
FID_C

ClientSampleId :

PB166863BSD

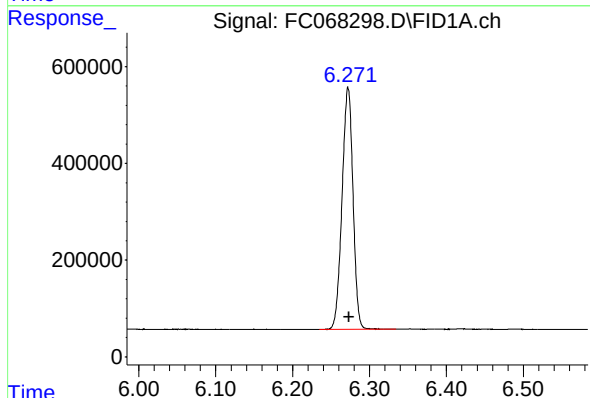
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/05/2025
Supervised By :Ankita Jodhani 03/05/2025



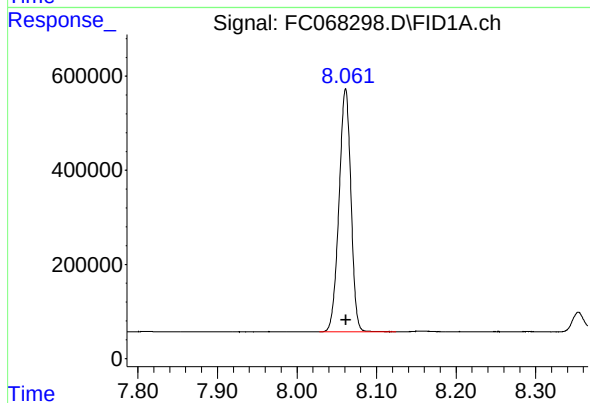
#2 n-Decane (C10)

R.T.: 4.263 min
Delta R.T.: -0.001 min
Response: 4185108
Conc: 29.54 ug/ml



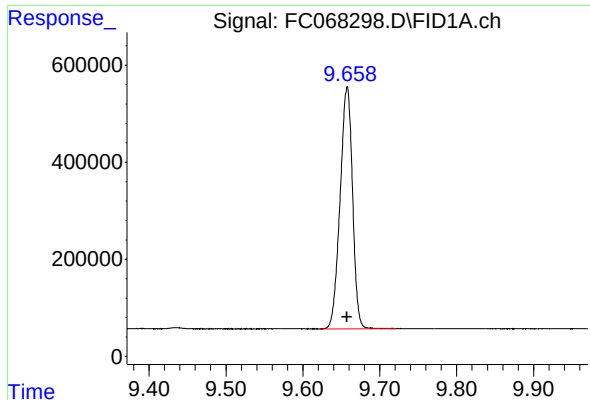
#4 n-Dodecane (C12)

R.T.: 6.272 min
Delta R.T.: -0.001 min
Response: 4932731
Conc: 35.04 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 5376672
Conc: 39.43 ug/ml



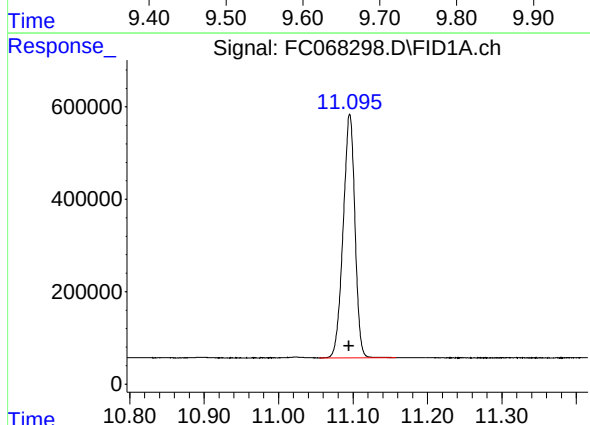
#7 n-Hexadecane (C16)

R.T.: 9.657 min
Delta R.T.: 0.000 min
Response: 5577654
Conc: 40.72 ug/ml

Instrument :
FID_C
ClientSampleId :
PB166863BSD

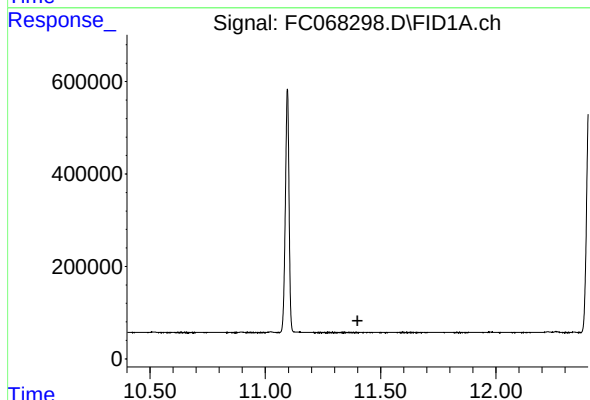
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/05/2025
Supervised By :Ankita Jodhani 03/05/2025



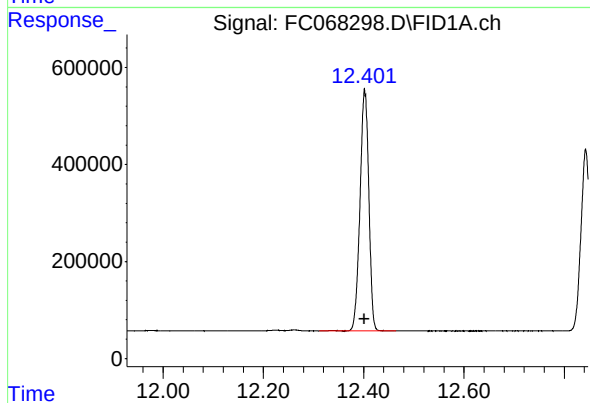
#8 n-Octadecane (C18)

R.T.: 11.096 min
Delta R.T.: 0.000 min
Response: 5804058
Conc: 42.44 ug/ml



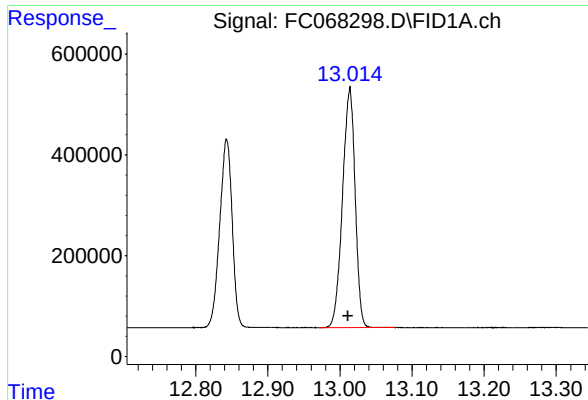
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.400 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.402 min
Delta R.T.: 0.001 min
Response: 6071641
Conc: 46.60 ug/ml



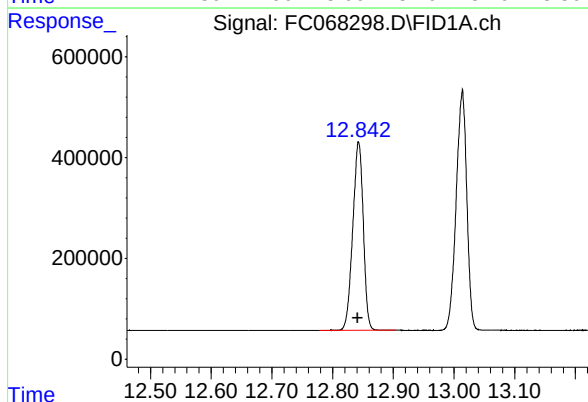
#11 n-Heneicosane (C21)

R.T.: 13.013 min
Delta R.T.: 0.003 min
Response: 5796518
Conc: 45.34 ug/ml

Instrument :
FID_C
ClientSampleId :
PB166863BSD

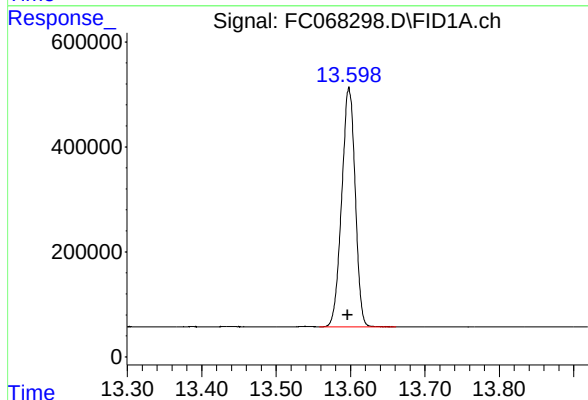
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/05/2025
Supervised By :Ankita Jodhani 03/05/2025



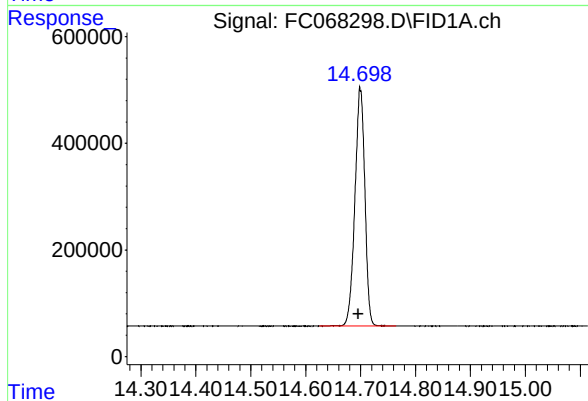
#12 1-chlorooctadecane (SURR)

R.T.: 12.843 min
Delta R.T.: 0.001 min
Response: 4496924
Conc: 39.98 ug/ml



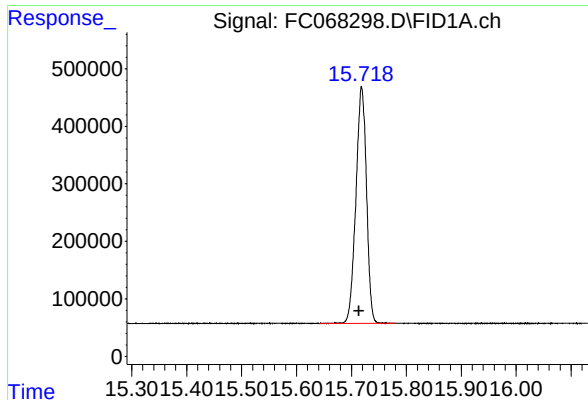
#13 n-Docosane (C22)

R.T.: 13.598 min
Delta R.T.: 0.002 min
Response: 5740028
Conc: 45.55 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.700 min
Delta R.T.: 0.004 min
Response: 5626795
Conc: 45.24 ug/ml



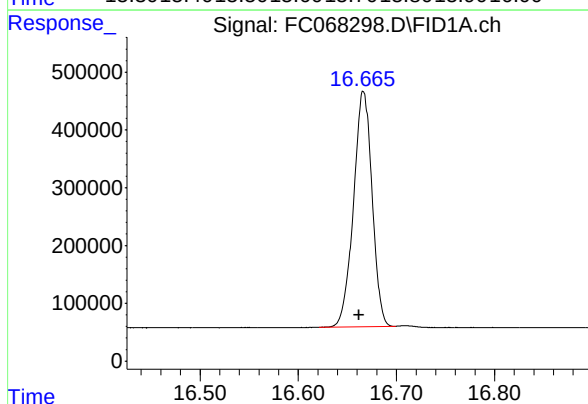
#15 n-Hexacosane (C26)

R.T.: 15.719 min
Delta R.T.: 0.005 min
Response: 5512084
Conc: 45.33 ug/ml

Instrument :
FID_C
ClientSampleId :
PB166863BSD

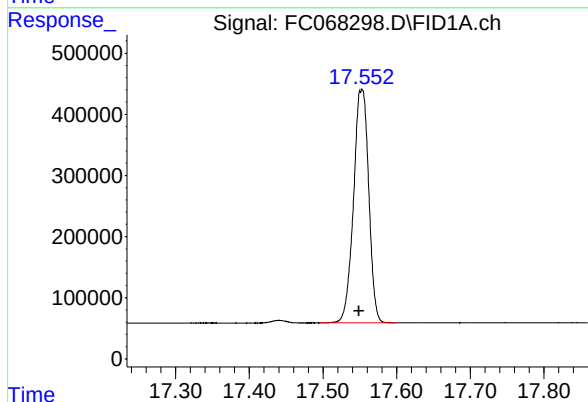
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/05/2025
Supervised By :Ankita Jodhani 03/05/2025



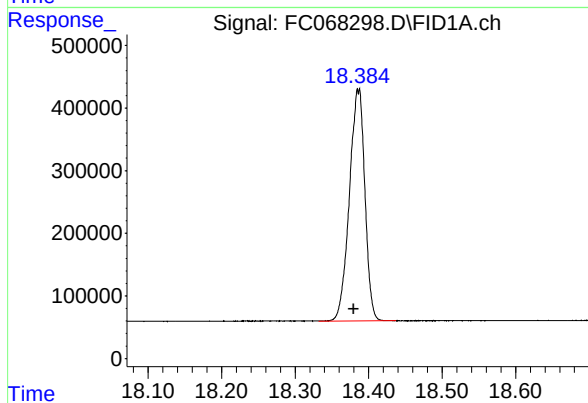
#16 n-Octacosane (C28)

R.T.: 16.667 min
Delta R.T.: 0.005 min
Response: 5352082
Conc: 45.06 ug/ml



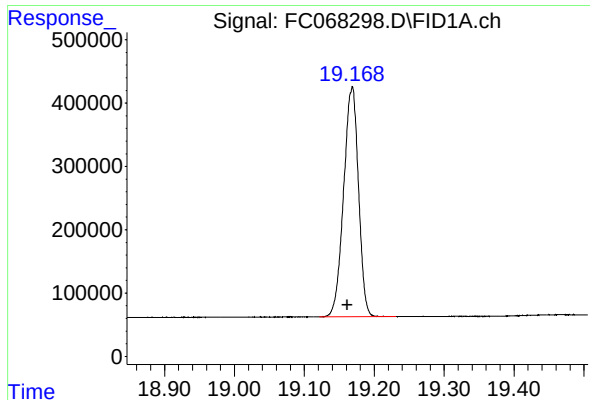
#17 n-Tricontane (C30)

R.T.: 17.552 min
Delta R.T.: 0.003 min
Response: 5468791
Conc: 45.43 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.384 min
Delta R.T.: 0.005 min
Response: 5422072
Conc: 46.72 ug/ml m



#19 n-Tetratriacontane (C34)

R.T.: 19.168 min
Delta R.T.: 0.007 min
Response: 5357393
Conc: 49.58 ug/ml

Instrument :

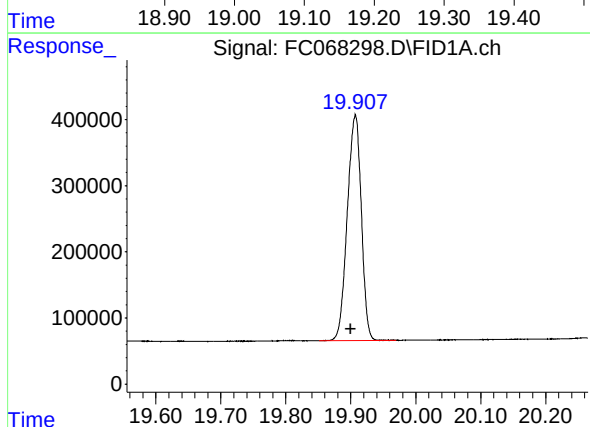
FID_C

ClientSampleId :

PB166863BSD

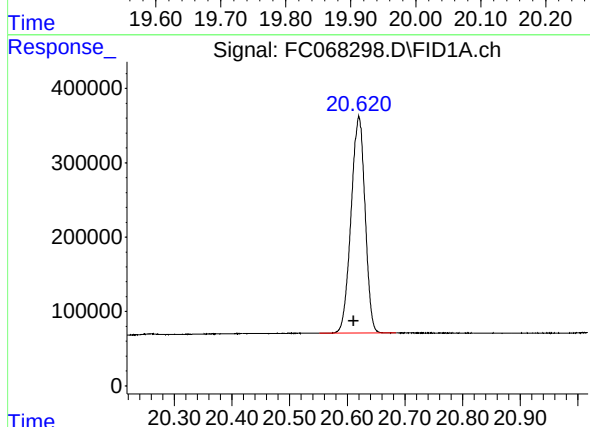
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/05/2025
Supervised By :Ankita Jodhani 03/05/2025



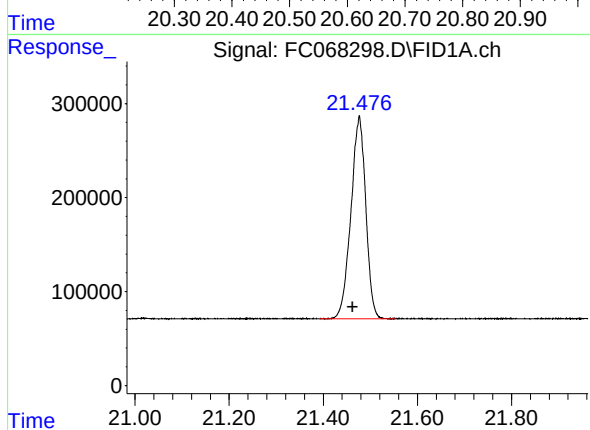
#20 n-Hexatriacontane (C36)

R.T.: 19.907 min
Delta R.T.: 0.007 min
Response: 5113233
Conc: 53.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.620 min
Delta R.T.: 0.009 min
Response: 4922998
Conc: 54.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.476 min
Delta R.T.: 0.014 min
Response: 4711323
Conc: 54.45 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022525AL\
 Data File : FC068298.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 16:59
 Sample : PB166863BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.207	3.178	3.271	BB	394144	3285660	54.11%	3.323%
2	4.264	4.231	4.286	BV	465931	4185108	68.93%	4.233%
3	6.272	6.234	6.334	BB	496576	4932731	81.24%	4.989%
4	8.061	8.028	8.124	BB	517361	5376672	88.55%	5.438%
5	9.657	9.621	9.721	BB	499262	5577654	91.86%	5.641%
6	11.096	11.054	11.158	BB	525903	5804058	95.59%	5.870%
7	12.402	12.311	12.464	BB	496808	6071641	100.00%	6.141%
8	12.843	12.778	12.904	BB	373394	4496924	74.06%	4.548%
9	13.013	12.971	13.078	BB	475226	5796518	95.47%	5.863%
10	13.598	13.558	13.661	BB	454418	5740028	94.54%	5.806%
11	14.700	14.624	14.764	BB	444140	5626795	92.67%	5.691%
12	15.719	15.641	15.781	BB	410608	5512084	90.78%	5.575%
13	16.667	16.598	16.744	BB	405362	5462984	89.98%	5.525%
14	17.553	17.484	17.614	BB	383316	5475455	90.18%	5.538%
15	18.386	18.328	18.444	BB	371607	5421196	89.29%	5.483%
16	19.168	19.121	19.231	BB	360673	5357393	88.24%	5.419%
17	19.907	19.851	19.969	BBA	342289	5113233	84.22%	5.172%
18	20.620	20.551	20.684	BB	291420	4922998	81.08%	4.979%
19	21.476	21.391	21.554	BB	215030	4711323	77.60%	4.765%
Sum of corrected areas:						98870452		

Aliphatic EPH 021125.M Wed Feb 26 02:47:32 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049132.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 12:13
 Operator : YP/AJ
 Sample : PB166923BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166923BSD

Integration File: autoint1.e
 Quant Time: Mar 01 02:17:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.352	8444315	59.006 ug/ml
Spiked Amount 50.000		Recovery =	118.01%
6) S 2-Fluorobiphenyl (SURR)	8.203	5539761	63.015 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	126.03%
11) S ortho-Terphenyl (SURR)	11.237	8675284	53.626 ug/ml
Spiked Amount 50.000		Recovery =	107.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.177	7363423	46.237 ug/ml
2) T Naphthalene (C11.7)	5.693	8299718	52.269 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	8179915	52.539 ug/ml
5) T Acenaphthylene (C15.06)	8.006	9241947	56.837 ug/ml
7) T Acenaphthene (C15.5)	8.301	9806969	59.614 ug/ml
8) T Fluorene (C16.55)	9.079	9794107	62.126 ug/ml
9) T Phenanthrene (C19.36)	10.467	9953645	66.049 ug/ml
10) T Anthracene (C19.43)	10.543	10019118	66.339 ug/ml
12) T Fluoranthene (C21.85)	12.273	10371581	67.210 ug/ml
13) T Pyrene (C20.8)	12.567	10147707	65.869 ug/ml
14) T Benzo[a]anthracene (C...	14.437	9644699	73.405 ug/ml
15) T Chrysene (C27.41)	14.480	9454131	58.472 ug/ml
16) T benzo[b]fluoranthene ...	15.988	9628743	69.979 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	9681524	61.298 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	9238467	68.062 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.734	8949996	81.902 ug/ml
20) T Dibenz[a,h]anthracene...	17.767	9240484	59.562 ug/ml
21) T Benzo[g,h,i]perylene ...	17.985	9127178	62.967 ug/ml

(f)=RT Delta > 1/2 Window

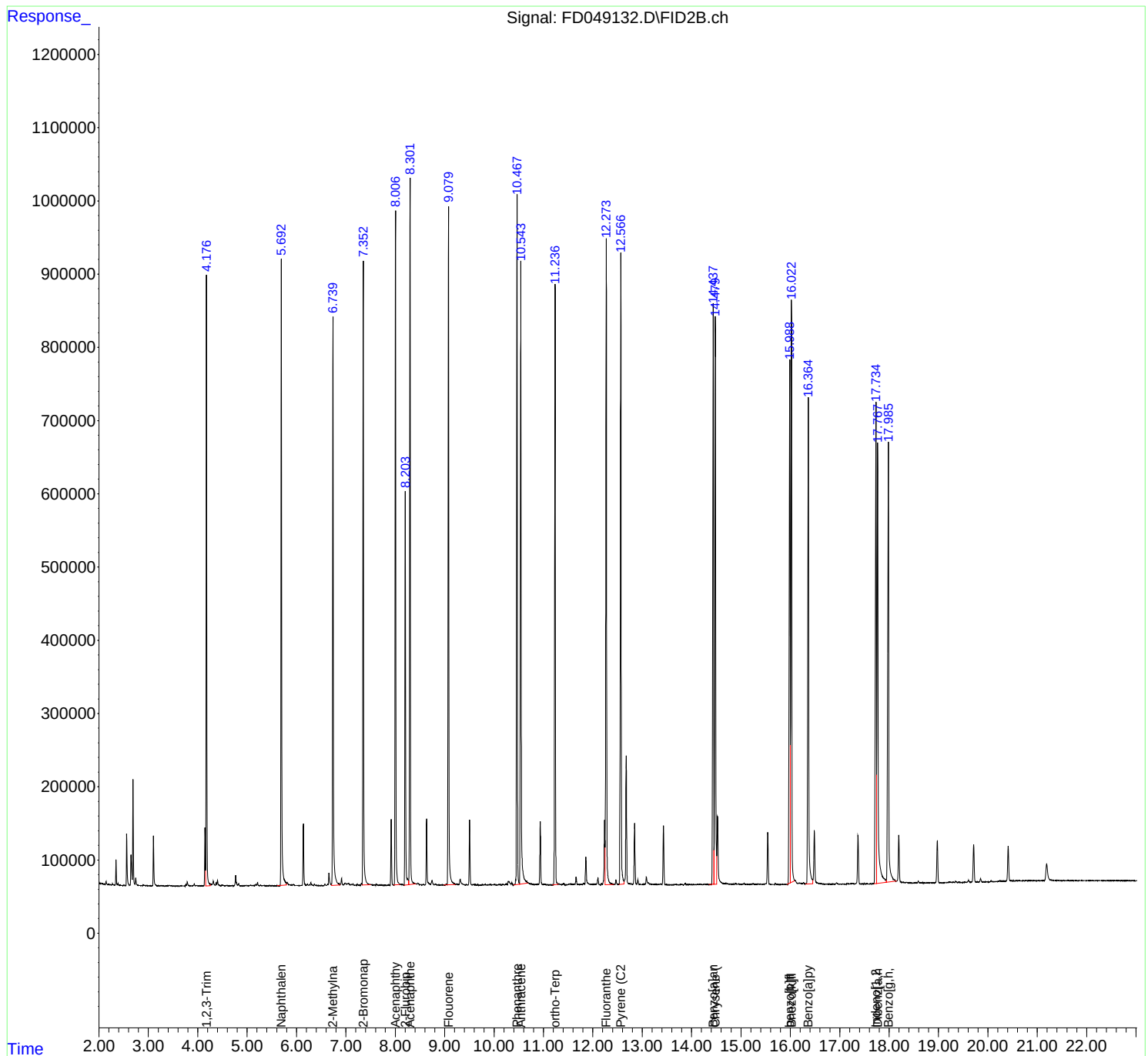
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
Data File : FD049132.D
Signal(s) : FID2B.ch
Acq On : 28 Feb 2025 12:13
Operator : YP/AJ
Sample : PB166923BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB166923BSD

Integration File: autoint1.e
Quant Time: Mar 01 02:17:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049132.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 12:13
 Sample : PB166923BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.177	4.160	4.254	VV	833763	7363423	71.00%	3.859%
2	5.693	5.614	5.796	BV	854382	8299718	80.02%	4.350%
3	6.739	6.710	6.882	VV	774369	8179915	78.87%	4.287%
4	7.352	7.328	7.502	VV	850747	8444315	81.42%	4.426%
5	8.006	7.960	8.097	BV	918197	9241947	89.11%	4.844%
6	8.203	8.174	8.272	BV	537561	5539761	53.41%	2.903%
7	8.301	8.272	8.420	VB	960907	9806969	94.56%	5.140%
8	9.079	8.979	9.222	BV	923928	9794107	94.43%	5.133%
9	10.467	10.394	10.515	PV	942889	9953645	95.97%	5.217%
10	10.543	10.515	10.685	VV	852864	10019118	96.60%	5.251%
11	11.237	11.182	11.305	BV	818909	8675284	83.64%	4.547%
12	12.273	12.248	12.427	VB	878971	10371581	100.00%	5.436%
13	12.567	12.525	12.631	BV	861958	10147707	97.84%	5.318%
14	14.437	14.350	14.455	BV	792508	9644699	92.99%	5.055%
15	14.480	14.455	14.507	VV	775232	9454131	91.15%	4.955%
16	15.988	15.930	16.001	BV	716576	9628743	92.84%	5.046%
17	16.022	16.001	16.089	VV	793985	9681524	93.35%	5.074%
18	16.364	16.310	16.457	BV	664714	9238467	89.07%	4.842%
19	17.734	17.692	17.746	BV	656393	8949996	86.29%	4.691%
20	17.767	17.746	17.944	VV	600565	9240484	89.09%	4.843%
21	17.985	17.944	18.144	VV	600259	9127178	88.00%	4.784%
Sum of corrected areas:						190802711		

Aromatic EPH 021125.M Sat Mar 01 03:55:20 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068324.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 12:13
 Operator : YP/AJ
 Sample : PB166923BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166923BSD

Integration File: autoint1.e
 Quant Time: Mar 05 05:23:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.840	4356774	38.736 ug/ml
Spiked Amount 50.000		Recovery =	77.47%
Target Compounds			
1) T n-Nonane (C9)	3.205	3794951	26.976 ug/ml
2) T n-Decane (C10)	4.262	4712176	33.261 ug/ml
4) T n-Dodecane (C12)	6.270	5382829	38.242 ug/ml
6) T n-Tetradecane (C14)	8.059	5779518	42.389 ug/ml
7) T n-Hexadecane (C16)	9.655	6016543	43.927 ug/ml
8) T n-Octadecane (C18)	11.093	6243297	45.652 ug/ml
10) T n-Eicosane (C20)	12.399	6441586	49.442 ug/ml
11) T n-Heneicosane (C21)	13.010	6154772	48.142 ug/ml
13) T n-Docosane (C22)	13.595	6104328	48.436 ug/ml
14) T n-Tetracosane (C24)	14.697	5990514	48.164 ug/ml
15) T n-Hexacosane (C26)	15.715	5861152	48.203 ug/ml
16) T n-Octacosane (C28)	16.664	5725382	48.207 ug/ml
17) T n-Tricontane (C30)	17.551	5737111	47.664 ug/ml
18) T n-Dotriacontane (C32)	18.381	5715622	49.244 ug/ml
19) T n-Tetratriacontane (C34)	19.163	5668029	52.453 ug/ml
20) T n-Hexatriacontane (C36)	19.902	5431820	56.482 ug/ml
21) T n-Octatriacontane (C38)	20.616	5265474	58.572 ug/ml
22) T n-Tetracontane (C40)	21.470	5078129	58.693 ug/ml

(f)=RT Delta > 1/2 Window

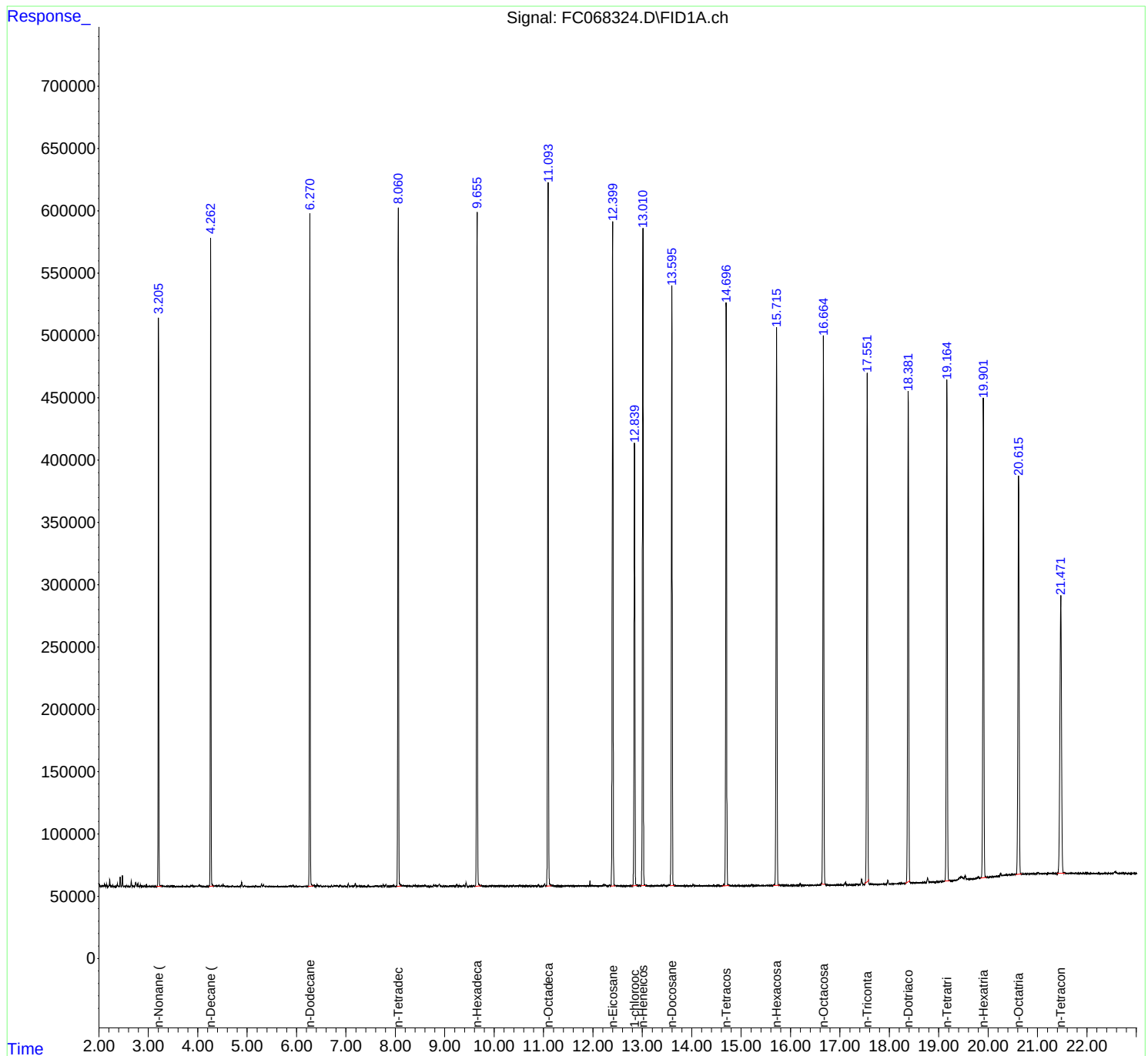
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
Data File : FC068324.D
Signal(s) : FID1A.ch
Acq On : 28 Feb 2025 12:13
Operator : YP/AJ
Sample : PB166923BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB166923BSD

Integration File: autoint1.e
Quant Time: Mar 05 05:23:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068324.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 12:13
 Sample : PB166923BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.205	3.168	3.268	BB	454324	3794951	58.91%	3.592%
2	4.262	4.231	4.325	BB	517887	4712176	73.15%	4.460%
3	6.270	6.231	6.338	BB	544816	5382829	83.56%	5.095%
4	8.059	8.028	8.128	BB	537206	5779518	89.72%	5.471%
5	9.655	9.615	9.731	BB	535033	6016543	93.40%	5.695%
6	11.093	11.051	11.165	BB	558187	6243297	96.92%	5.910%
7	12.399	12.358	12.451	BB	523836	6441586	100.00%	6.097%
8	12.840	12.778	12.898	BB	356315	4356774	67.64%	4.124%
9	13.010	12.968	13.071	BB	522913	6154772	95.55%	5.826%
10	13.595	13.558	13.658	BB	481011	6104328	94.76%	5.778%
11	14.697	14.618	14.758	BB	467416	5990514	93.00%	5.671%
12	15.715	15.648	15.775	BB	442423	5861152	90.99%	5.548%
13	16.664	16.598	16.728	BB	439005	5768706	89.55%	5.461%
14	17.551	17.491	17.608	BB	410276	5827258	90.46%	5.516%
15	18.381	18.315	18.445	BB	395852	5765342	89.50%	5.457%
16	19.163	19.121	19.221	BB	404106	5668029	87.99%	5.365%
17	19.902	19.851	19.968	BB	380790	5431820	84.32%	5.142%
18	20.616	20.551	20.675	BB	316762	5265474	81.74%	4.984%
19	21.470	21.391	21.555	BB	222869	5078129	78.83%	4.807%
Sum of corrected areas:						105643198		

Aliphatic EPH 021125.M Sat Mar 01 01:23:32 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049142.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 18:56
 Operator : YP/AJ
 Sample : Q1421-02
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 P001-CLAY-CF01-01MS

Integration File: autoint1.e
 Quant Time: Mar 01 02:21:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.352	8441841	58.989 ug/ml
Spiked Amount 50.000		Recovery =	117.98%
6) S 2-Fluorobiphenyl (SURR)	8.203	5467908	62.198 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	124.40%
11) S ortho-Terphenyl (SURR)	11.234	5392113	33.331 ug/ml
Spiked Amount 50.000		Recovery =	66.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	7161833	44.971 ug/ml
2) T Naphthalene (C11.7)	5.693	7880512	49.629 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	7723846	49.609 ug/ml
5) T Acenaphthylene (C15.06)	8.005	9044713	55.624 ug/ml
7) T Acenaphthene (C15.5)	8.300	9678387	58.832 ug/ml
8) T Fluorene (C16.55)	9.079	9845850	62.454 ug/ml
9) T Phenanthrene (C19.36)	10.468	10158364	67.407 ug/ml
10) T Anthracene (C19.43)	10.543	10371977	68.676 ug/ml
12) T Fluoranthene (C21.85)	12.273	10603708	68.715 ug/ml
13) T Pyrene (C20.8)	12.566	10302701	66.875 ug/ml
14) T Benzo[a]anthracene (C...	14.438	9819357	74.734 ug/ml
15) T Chrysene (C27.41)	14.480	9593320	59.333 ug/ml
16) T benzo[b]fluoranthene ...	15.988	9767406	70.987 ug/ml
17) T Bnezo[k]fluoranthene ...	16.023	9783217	61.942 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	9405556	69.293 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.734	9336608	85.440 ug/ml
20) T Dibenz[a,h]anthracene...	17.769	9340051	60.204 ug/ml
21) T Benzo[g,h,i]perylene ...	17.986	9206882	63.517 ug/ml

(f)=RT Delta > 1/2 Window

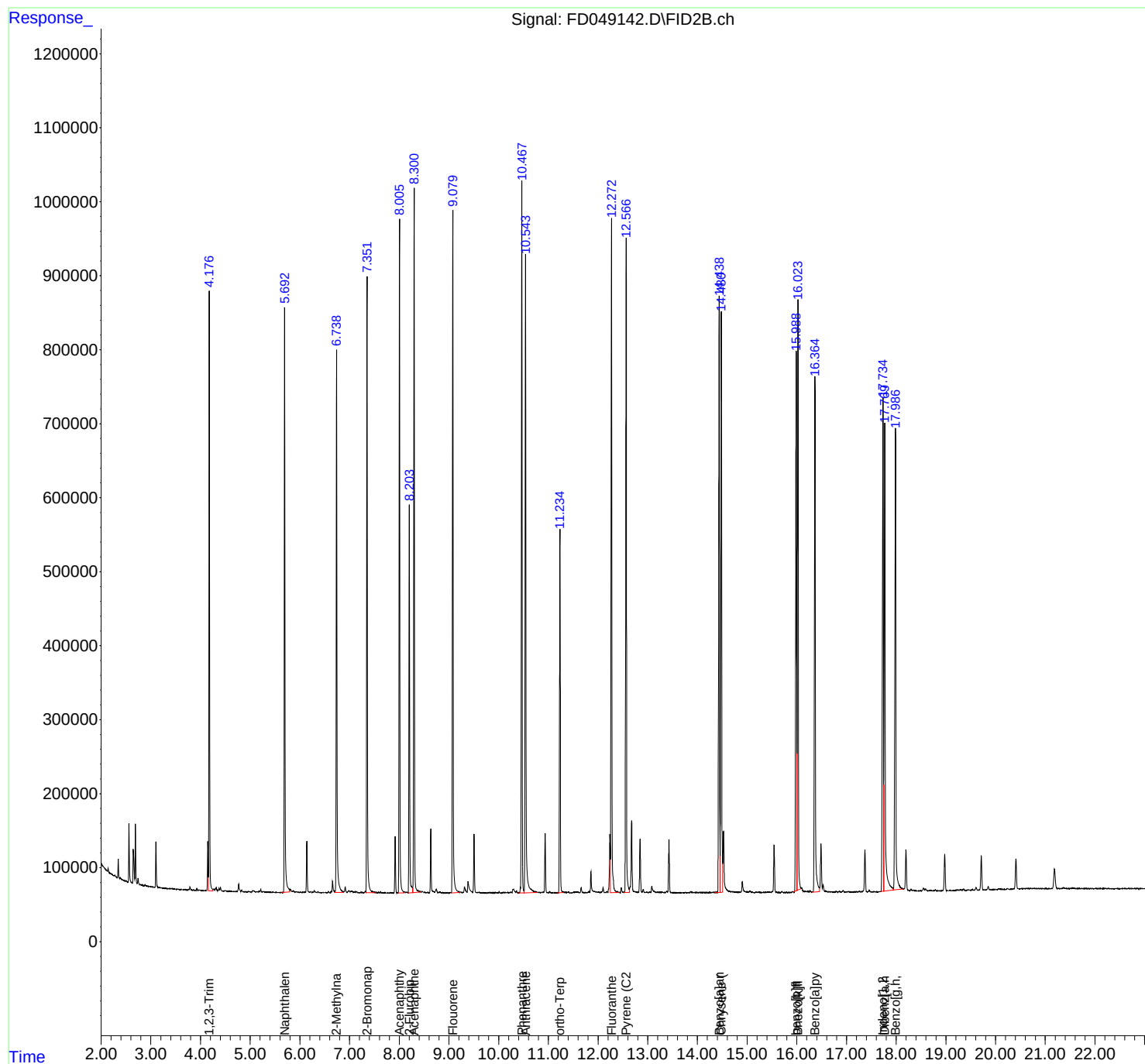
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
Data File : FD049142.D
Signal(s) : FID2B.ch
Acq On : 28 Feb 2025 18:56
Operator : YP/AJ
Sample : Q1421-02
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
P001-CLAY-CF01-01MS

Integration File: autoint1.e
Quant Time: Mar 01 02:21:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049142.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 18:56
 Sample : Q1421-02
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: sample.E

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.051	4.042	4.074	BV	200	1949	0.02%	0.001%
2	4.097	4.086	4.101	VV	287	1757	0.02%	0.001%
3	4.106	4.101	4.125	VV	245	2635	0.02%	0.001%
4	4.147	4.125	4.159	VV	66954	606704	5.69%	0.288%
5	4.176	4.159	4.249	VV	809194	7172085	67.25%	3.409%
6	4.264	4.249	4.283	VV	2629	44609	0.42%	0.021%
7	4.316	4.283	4.355	VV	4818	102157	0.96%	0.049%
8	4.372	4.355	4.386	VV	3899	44061	0.41%	0.021%
9	4.402	4.386	4.451	VV	5595	77864	0.73%	0.037%
10	4.461	4.451	4.466	VV	476	3666	0.03%	0.002%
11	4.473	4.466	4.479	VV	549	3174	0.03%	0.002%
12	4.489	4.479	4.505	VV	815	9833	0.09%	0.005%
13	4.515	4.505	4.537	VV	940	10614	0.10%	0.005%
14	4.544	4.537	4.550	VV	343	2200	0.02%	0.001%
15	4.554	4.550	4.570	VV	319	3383	0.03%	0.002%
16	4.582	4.570	4.596	VV	709	7747	0.07%	0.004%
17	4.601	4.596	4.629	VV	492	6562	0.06%	0.003%
18	4.632	4.629	4.644	VV	227	1270	0.01%	0.001%
19	4.689	4.644	4.704	PV	686	10067	0.09%	0.005%
20	4.708	4.704	4.724	VV	421	4004	0.04%	0.002%
21	4.769	4.724	4.814	VV	10740	161309	1.51%	0.077%
22	4.828	4.814	4.879	VV	2485	35628	0.33%	0.017%
23	4.884	4.879	4.893	VV	296	1516	0.01%	0.001%
24	4.902	4.893	4.918	VV	372	3335	0.03%	0.002%
25	4.933	4.918	4.947	VV	401	4801	0.05%	0.002%
26	4.966	4.947	5.015	VV	658	12165	0.11%	0.006%
27	5.048	5.015	5.110	VV	1751	54701	0.51%	0.026%
28	5.118	5.110	5.124	VV	639	5121	0.05%	0.002%
29	5.137	5.124	5.159	VV	830	11050	0.10%	0.005%
30	5.178	5.159	5.195	VV	1661	23212	0.22%	0.011%
31	5.211	5.195	5.254	VV	3925	52356	0.49%	0.025%
32	5.270	5.254	5.324	VV	1122	20499	0.19%	0.010%
33	5.337	5.324	5.349	VV	519	6461	0.06%	0.003%
34	5.353	5.349	5.376	VV	487	4742	0.04%	0.002%
35	5.383	5.376	5.392	VV	292	1658	0.02%	0.001%
36	5.416	5.407	5.422	VV	300	1542	0.01%	0.001%

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37	5.459	5.442	5.504	VV	623	9027	0.08%	0.004%
38	5.518	5.504	5.538	PV	410	5182	0.05%	0.002%
39	5.549	5.538	5.559	VV	189	1550	0.01%	0.001%
40	5.565	5.559	5.603	PV	240	3982	0.04%	0.002%
41	5.612	5.603	5.619	VV	211	1351	0.01%	0.001%
42	5.631	5.624	5.642	VV	181	1272	0.01%	0.001%
43	5.693	5.668	5.797	VV	793145	7931134	74.36%	3.770%
44	5.811	5.797	5.854	VV	4295	93483	0.88%	0.044%
45	5.869	5.854	5.909	VV	2478	48819	0.46%	0.023%
46	5.935	5.909	5.989	VV	1373	40532	0.38%	0.019%
47	6.002	5.989	6.017	VV	597	7544	0.07%	0.004%
48	6.023	6.017	6.045	VV	453	5914	0.06%	0.003%
49	6.063	6.045	6.105	VV	735	19006	0.18%	0.009%
50	6.112	6.105	6.117	VV	542	3388	0.03%	0.002%
51	6.140	6.117	6.200	VV	69527	744439	6.98%	0.354%
52	6.221	6.200	6.242	VV	1744	23671	0.22%	0.011%
53	6.261	6.242	6.275	VV	1241	13623	0.13%	0.006%
54	6.291	6.275	6.310	VV	3148	36237	0.34%	0.017%
55	6.322	6.310	6.345	VV	898	11995	0.11%	0.006%
56	6.362	6.345	6.392	VV	1662	18852	0.18%	0.009%
57	6.399	6.392	6.407	VV	246	1640	0.02%	0.001%
58	6.412	6.407	6.436	VV	249	2069	0.02%	0.001%
59	6.471	6.436	6.494	PV	335	6665	0.06%	0.003%
60	6.506	6.494	6.510	VV	295	1869	0.02%	0.001%
61	6.515	6.510	6.539	VV	325	3837	0.04%	0.002%
62	6.577	6.547	6.601	VV	1688	20132	0.19%	0.010%
63	6.631	6.601	6.642	VV	1678	22082	0.21%	0.010%
64	6.658	6.642	6.694	VV	16123	203178	1.91%	0.097%
65	6.702	6.694	6.710	VV	2044	17501	0.16%	0.008%
66	6.739	6.710	6.873	VV	733466	7782063	72.97%	3.699%
67	6.879	6.873	6.886	VV	1511	11215	0.11%	0.005%
68	6.913	6.886	6.957	VV	8088	122141	1.15%	0.058%
69	6.989	6.957	7.010	VV	3353	71321	0.67%	0.034%
70	7.024	7.010	7.030	VV	2196	23196	0.22%	0.011%
71	7.041	7.030	7.052	VV	2222	26499	0.25%	0.013%
72	7.059	7.052	7.081	VV	2270	28270	0.27%	0.013%
73	7.088	7.081	7.094	VV	1071	6659	0.06%	0.003%
74	7.115	7.094	7.132	VV	1781	27765	0.26%	0.013%
75	7.145	7.132	7.170	VV	1979	26742	0.25%	0.013%
76	7.174	7.170	7.180	VV	411	2111	0.02%	0.001%
77	7.185	7.180	7.209	VV	561	6818	0.06%	0.003%
78	7.230	7.209	7.247	VV	1002	14943	0.14%	0.007%
79	7.253	7.247	7.292	VV	587	10829	0.10%	0.005%
80	7.315	7.292	7.327	VV	2494	27722	0.26%	0.013%
81	7.352	7.327	7.477	VV	832219	8468199	79.40%	4.025%
82	7.480	7.477	7.497	VV	1490	15443	0.14%	0.007%
83	7.510	7.497	7.530	VV	1172	19450	0.18%	0.009%
84	7.538	7.530	7.562	VV	805	12286	0.12%	0.006%
85	7.579	7.562	7.604	VV	862	14891	0.14%	0.007%
86	7.623	7.604	7.649	VV	1713	22247	0.21%	0.011%
87	7.656	7.649	7.665	VV	377	2873	0.03%	0.001%
88	7.677	7.665	7.692	VV	562	5658	0.05%	0.003%
89	7.710	7.692	7.737	VV	743	11487	0.11%	0.005%

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90	7.747	7.737	7.770	VV	346	4571	0.04%	0.002%
91	7.775	7.770	7.794	VV	370	2870	0.03%	0.001%
92	7.830	7.794	7.841	PV	493	7795	0.07%	0.004%
93	7.845	7.841	7.849	VV	322	1291	0.01%	0.001%
94	7.853	7.849	7.866	VV	272	2010	0.02%	0.001%
95	7.874	7.866	7.890	VV	319	2466	0.02%	0.001%
96	7.918	7.890	7.966	VV	76664	801713	7.52%	0.381%
97	7.972	7.966	7.978	VV	522	2714	0.03%	0.001%
98	8.005	7.978	8.095	VV	911037	9055813	84.91%	4.304%
99	8.114	8.095	8.133	VV	1822	31019	0.29%	0.015%
100	8.147	8.133	8.173	VV	1454	22842	0.21%	0.011%
101	8.203	8.173	8.272	VV	526994	5494210	51.51%	2.612%
102	8.300	8.272	8.367	VV	953439	9682877	90.79%	4.603%
103	8.375	8.367	8.398	VV	3452	54189	0.51%	0.026%
104	8.409	8.398	8.421	VV	2278	28942	0.27%	0.014%
105	8.426	8.421	8.439	VV	2045	19416	0.18%	0.009%
106	8.458	8.439	8.498	VV	2637	62203	0.58%	0.030%
107	8.514	8.498	8.545	VV	1431	24037	0.23%	0.011%
108	8.569	8.545	8.600	VV	1240	25005	0.23%	0.012%
109	8.635	8.600	8.713	VV	86818	934105	8.76%	0.444%
110	8.746	8.713	8.787	VV	5720	112882	1.06%	0.054%
111	8.820	8.787	8.850	VV	1900	37177	0.35%	0.018%
112	8.870	8.850	8.901	VV	879	12718	0.12%	0.006%
113	8.945	8.901	8.952	VV	570	10933	0.10%	0.005%
114	8.957	8.952	8.962	VV	501	2561	0.02%	0.001%
115	8.977	8.962	8.993	VV	555	6632	0.06%	0.003%
116	9.018	8.993	9.030	PV	873	10350	0.10%	0.005%
117	9.033	9.030	9.052	VV	664	6407	0.06%	0.003%
118	9.079	9.052	9.218	VV	919552	9905080	92.87%	4.708%
119	9.238	9.218	9.257	VV	1598	29835	0.28%	0.014%
120	9.262	9.257	9.274	VV	878	7981	0.07%	0.004%
121	9.314	9.274	9.369	VV	8290	185349	1.74%	0.088%
122	9.385	9.369	9.480	VV	15834	371651	3.48%	0.177%
123	9.506	9.480	9.558	VV	79885	884992	8.30%	0.421%
124	9.592	9.558	9.635	VV	994	34197	0.32%	0.016%
125	9.655	9.635	9.670	VV	484	7859	0.07%	0.004%
126	9.686	9.670	9.714	VV	420	6043	0.06%	0.003%
127	9.762	9.714	9.769	PV	438	4785	0.04%	0.002%
128	9.777	9.769	9.790	VV	456	4352	0.04%	0.002%
129	9.822	9.790	9.843	VV	1018	17425	0.16%	0.008%
130	9.858	9.843	9.867	VV	473	5264	0.05%	0.003%
131	9.882	9.867	9.888	VV	601	6706	0.06%	0.003%
132	9.894	9.888	9.919	VV	854	11228	0.11%	0.005%
133	9.934	9.919	9.957	VV	927	14006	0.13%	0.007%
134	9.967	9.957	9.974	VV	591	4945	0.05%	0.002%
135	9.978	9.974	9.990	VV	561	4749	0.04%	0.002%
136	10.010	9.990	10.042	VV	1696	22351	0.21%	0.011%
137	10.051	10.042	10.057	VV	344	1640	0.02%	0.001%
138	10.101	10.057	10.114	VV	1033	17019	0.16%	0.008%
139	10.131	10.114	10.157	VV	859	14601	0.14%	0.007%
140	10.182	10.157	10.204	VV	920	16808	0.16%	0.008%
141	10.237	10.204	10.248	VV	1208	19381	0.18%	0.009%

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142	10.253	10.248	10.271	VV	1291	12598	0.12%	0.006%
143	10.288	10.271	10.297	VV	5325	57446	0.54%	0.027%
144	10.301	10.297	10.344	VV	5071	85103	0.80%	0.040%
145	10.363	10.344	10.394	VV	2702	42527	0.40%	0.020%
146	10.402	10.394	10.415	VV	453	4799	0.04%	0.002%
147	10.468	10.415	10.513	VV	959109	10175341	95.41%	4.837%
148	10.543	10.513	10.650	VV	865227	10276064	96.35%	4.884%
149	10.655	10.650	10.783	VV	5325	192747	1.81%	0.092%
150	10.801	10.783	10.808	VV	960	13324	0.12%	0.006%
151	10.815	10.808	10.840	VV	921	14729	0.14%	0.007%
152	10.846	10.840	10.853	VV	680	4871	0.05%	0.002%
153	10.874	10.853	10.888	VV	1240	21058	0.20%	0.010%
154	10.892	10.888	10.906	VV	1241	12913	0.12%	0.006%
155	10.937	10.906	10.978	VV	80624	916417	8.59%	0.436%
156	10.987	10.978	10.995	VV	935	8441	0.08%	0.004%
157	11.027	10.995	11.055	VV	1374	32725	0.31%	0.016%
158	11.061	11.055	11.082	VV	517	6492	0.06%	0.003%
159	11.084	11.082	11.089	VV	468	1545	0.01%	0.001%
160	11.091	11.089	11.097	VV	452	1825	0.02%	0.001%
161	11.101	11.097	11.105	VV	283	1124	0.01%	0.001%
162	11.122	11.105	11.127	VV	450	3943	0.04%	0.002%
163	11.146	11.127	11.152	VV	468	5580	0.05%	0.003%
164	11.157	11.152	11.202	VV	450	5023	0.05%	0.002%
165	11.234	11.202	11.308	PV	491209	5436431	50.97%	2.584%
166	11.320	11.308	11.335	VV	1361	18120	0.17%	0.009%
167	11.338	11.335	11.363	VV	856	12192	0.11%	0.006%
168	11.375	11.363	11.385	VV	1117	11249	0.11%	0.005%
169	11.407	11.385	11.444	VV	1757	28183	0.26%	0.013%
170	11.461	11.444	11.481	VV	369	5860	0.05%	0.003%
171	11.510	11.481	11.522	VV	1254	22960	0.22%	0.011%
172	11.532	11.522	11.549	VV	1360	17580	0.16%	0.008%
173	11.561	11.549	11.577	VV	1365	19769	0.19%	0.009%
174	11.593	11.577	11.615	VV	1474	25919	0.24%	0.012%
175	11.618	11.615	11.625	VV	818	4558	0.04%	0.002%
176	11.629	11.625	11.635	VV	904	4702	0.04%	0.002%
177	11.662	11.635	11.696	VV	7388	104342	0.98%	0.050%
178	11.702	11.696	11.718	VV	752	7375	0.07%	0.004%
179	11.737	11.718	11.750	VV	887	14523	0.14%	0.007%
180	11.760	11.750	11.775	VV	894	9693	0.09%	0.005%
181	11.815	11.775	11.836	VV	2082	42497	0.40%	0.020%
182	11.857	11.836	11.923	VV	28885	405403	3.80%	0.193%
183	11.932	11.923	11.959	VV	1958	32662	0.31%	0.016%
184	11.976	11.959	11.993	VV	1482	25899	0.24%	0.012%
185	12.015	11.993	12.040	VV	1390	29080	0.27%	0.014%
186	12.103	12.040	12.135	VV	7321	134707	1.26%	0.064%
187	12.144	12.135	12.158	VV	828	9196	0.09%	0.004%
188	12.178	12.158	12.197	VV	2181	30313	0.28%	0.014%
189	12.239	12.197	12.248	VV	79220	875296	8.21%	0.416%
190	12.273	12.248	12.427	VV	912682	10665336	100.00%	5.070%
191	12.436	12.427	12.450	VV	817	9715	0.09%	0.005%
192	12.467	12.450	12.507	VV	7234	99938	0.94%	0.048%
193	12.513	12.507	12.527	VV	893	8905	0.08%	0.004%
194	12.566	12.527	12.630	VV	887669	10352709	97.07%	4.921%

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195	12.647	12.630	12.651	VV	8220	86525	0.81%	0.041%
196	12.676	12.651	12.724	VV	97675	1268327	11.89%	0.603%
197	12.726	12.724	12.778	VV	2129	48686	0.46%	0.023%
198	12.783	12.778	12.791	VV	1161	8032	0.08%	0.004%
199	12.801	12.791	12.807	VV	988	8990	0.08%	0.004%
200	12.812	12.807	12.817	VV	948	5699	0.05%	0.003%
201	12.846	12.817	12.887	VV	72685	878950	8.24%	0.418%
202	12.910	12.887	12.944	VV	4655	74190	0.70%	0.035%
203	12.965	12.944	12.972	VV	860	12682	0.12%	0.006%
204	12.989	12.972	13.017	VV	921	20436	0.19%	0.010%
205	13.038	13.017	13.065	VV	1218	27663	0.26%	0.013%
206	13.084	13.065	13.170	VV	9050	195629	1.83%	0.093%
207	13.175	13.170	13.193	VV	1156	13485	0.13%	0.006%
208	13.200	13.193	13.210	VV	910	8136	0.08%	0.004%
209	13.224	13.210	13.229	VV	909	8915	0.08%	0.004%
210	13.235	13.229	13.243	VV	806	6098	0.06%	0.003%
211	13.262	13.243	13.284	VV	975	20576	0.19%	0.010%
212	13.296	13.284	13.324	VV	1002	17856	0.17%	0.008%
213	13.327	13.324	13.349	VV	652	8655	0.08%	0.004%
214	13.384	13.349	13.402	VV	2352	44085	0.41%	0.021%
215	13.428	13.402	13.475	VV	71602	872259	8.18%	0.415%
216	13.479	13.475	13.482	VV	640	2234	0.02%	0.001%
217	13.487	13.482	13.512	VV	631	7759	0.07%	0.004%
218	13.535	13.512	13.544	VV	483	5924	0.06%	0.003%
219	13.548	13.544	13.577	VV	297	4546	0.04%	0.002%
220	13.580	13.577	13.594	VV	195	1378	0.01%	0.001%
221	13.597	13.594	13.617	VV	126	1127	0.01%	0.001%
222	13.621	13.617	13.636	PV	156	1184	0.01%	0.001%
223	13.642	13.636	13.655	VV	295	2314	0.02%	0.001%
224	13.657	13.655	13.667	VV	320	1227	0.01%	0.001%
225	13.688	13.667	13.707	VV	385	6584	0.06%	0.003%
226	13.713	13.707	13.720	VV	375	2065	0.02%	0.001%
227	13.760	13.720	13.776	VV	463	9273	0.09%	0.004%
228	13.788	13.776	13.796	VV	381	2968	0.03%	0.001%
229	13.801	13.796	13.807	VV	365	1749	0.02%	0.001%
230	13.811	13.807	13.815	VV	367	1539	0.01%	0.001%
231	13.826	13.815	13.837	VV	587	6565	0.06%	0.003%
232	13.869	13.837	13.902	VV	1878	36177	0.34%	0.017%
233	13.908	13.902	13.915	VV	485	3250	0.03%	0.002%
234	13.919	13.915	13.934	VV	438	3758	0.04%	0.002%
235	13.940	13.934	14.012	VV	382	17155	0.16%	0.008%
236	14.033	14.012	14.052	VV	432	7333	0.07%	0.003%
237	14.067	14.052	14.078	VV	447	5509	0.05%	0.003%
238	14.085	14.078	14.105	VV	619	7334	0.07%	0.003%
239	14.111	14.105	14.117	VV	559	3365	0.03%	0.002%
240	14.132	14.117	14.137	VV	690	6708	0.06%	0.003%
241	14.156	14.137	14.164	VV	674	8016	0.08%	0.004%
242	14.167	14.164	14.173	VV	406	1856	0.02%	0.001%
243	14.194	14.173	14.214	VV	474	9586	0.09%	0.005%
244	14.222	14.214	14.229	VV	520	3538	0.03%	0.002%
245	14.235	14.229	14.239	VV	416	2379	0.02%	0.001%
246	14.243	14.239	14.262	VV	488	4644	0.04%	0.002%

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247	14.287	14.262	14.294	VV	690	8547	0.08%	0.004%
248	14.300	14.294	14.309	VV	727	5752	0.05%	0.003%
249	14.315	14.309	14.321	VV	704	4011	0.04%	0.002%
250	14.326	14.321	14.332	VV	663	3639	0.03%	0.002%
251	14.338	14.332	14.359	VV	805	7951	0.07%	0.004%
252	14.374	14.359	14.379	VV	710	6675	0.06%	0.003%
253	14.382	14.379	14.402	VV	625	6411	0.06%	0.003%
254	14.438	14.402	14.456	VV	807419	9837573	92.24%	4.676%
255	14.480	14.456	14.507	VV	786236	9615926	90.16%	4.571%
256	14.525	14.507	14.674	VV	83192	1533940	14.38%	0.729%
257	14.698	14.674	14.727	VV	1824	47432	0.44%	0.023%
258	14.738	14.727	14.770	VV	1205	24157	0.23%	0.011%
259	14.773	14.770	14.790	VV	780	8300	0.08%	0.004%
260	14.807	14.790	14.817	VV	777	10555	0.10%	0.005%
261	14.834	14.817	14.843	VV	972	10798	0.10%	0.005%
262	14.849	14.843	14.863	VV	677	7364	0.07%	0.004%
263	14.903	14.863	14.970	VV	15235	283632	2.66%	0.135%
264	14.976	14.970	14.982	VV	1372	9086	0.09%	0.004%
265	14.990	14.982	15.016	VV	1529	22470	0.21%	0.011%
266	15.029	15.016	15.035	VV	942	9881	0.09%	0.005%
267	15.060	15.035	15.090	VV	2621	46533	0.44%	0.022%
268	15.105	15.090	15.122	VV	761	10668	0.10%	0.005%
269	15.125	15.122	15.156	VV	516	8200	0.08%	0.004%
270	15.169	15.156	15.175	VV	577	5206	0.05%	0.002%
271	15.178	15.175	15.202	VV	550	7725	0.07%	0.004%
272	15.208	15.202	15.214	VV	633	3812	0.04%	0.002%
273	15.242	15.214	15.257	VV	1191	20756	0.19%	0.010%
274	15.261	15.257	15.288	VV	705	8332	0.08%	0.004%
275	15.293	15.288	15.297	VV	285	1513	0.01%	0.001%
276	15.302	15.297	15.309	VV	502	2774	0.03%	0.001%
277	15.312	15.309	15.320	VV	416	2600	0.02%	0.001%
278	15.345	15.320	15.350	VV	781	10605	0.10%	0.005%
279	15.361	15.350	15.374	VV	760	9347	0.09%	0.004%
280	15.390	15.374	15.408	VV	821	13919	0.13%	0.007%
281	15.422	15.408	15.431	VV	867	10107	0.09%	0.005%
282	15.446	15.431	15.469	VV	885	16564	0.16%	0.008%
283	15.474	15.469	15.482	VV	578	4088	0.04%	0.002%
284	15.503	15.482	15.512	VV	1721	21554	0.20%	0.010%
285	15.542	15.512	15.578	VV	64394	815203	7.64%	0.387%
286	15.583	15.578	15.630	VV	917	17000	0.16%	0.008%
287	15.636	15.630	15.659	VV	238	2610	0.02%	0.001%
288	15.699	15.659	15.732	VV	1871	29386	0.28%	0.014%
289	15.737	15.732	15.742	VV	408	1762	0.02%	0.001%
290	15.749	15.742	15.784	VV	323	5502	0.05%	0.003%
291	15.794	15.784	15.799	VV	327	1956	0.02%	0.001%
292	15.806	15.799	15.834	VV	274	4040	0.04%	0.002%
293	15.854	15.834	15.867	VV	309	4156	0.04%	0.002%
294	15.915	15.878	15.950	PV	1664	34194	0.32%	0.016%
295	15.988	15.950	16.002	VV	733411	9839949	92.26%	4.677%
296	16.023	16.002	16.085	VV	801622	9987928	93.65%	4.748%
297	16.100	16.085	16.175	VV	6478	164447	1.54%	0.078%
298	16.209	16.175	16.220	VV	1580	39604	0.37%	0.019%
299	16.225	16.220	16.248	VV	1650	21318	0.20%	0.010%

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300	16.266	16.248	16.305	VV	2789	48714	0.46%	0.023%
301	16.312	16.305	16.325	VV	797	8447	0.08%	0.004%
302	16.364	16.325	16.457	VV	699804	9463870	88.73%	4.498%
303	16.485	16.457	16.512	VV	65754	958399	8.99%	0.456%
304	16.528	16.512	16.587	VV	10279	190737	1.79%	0.091%
305	16.590	16.587	16.630	VV	1305	23976	0.22%	0.011%
306	16.651	16.630	16.680	VV	986	21212	0.20%	0.010%
307	16.687	16.680	16.699	VV	651	6350	0.06%	0.003%
308	16.704	16.699	16.719	VV	793	7174	0.07%	0.003%
309	16.723	16.719	16.734	VV	417	3260	0.03%	0.002%
310	16.739	16.734	16.750	VV	392	3204	0.03%	0.002%
311	16.795	16.750	16.817	VV	1419	26779	0.25%	0.013%
312	16.822	16.817	16.829	VV	368	2250	0.02%	0.001%
313	16.856	16.829	16.890	VV	1073	24292	0.23%	0.012%
314	16.935	16.890	16.968	VV	2429	46569	0.44%	0.022%
315	16.975	16.968	16.989	VV	494	4292	0.04%	0.002%
316	16.991	16.989	16.998	VV	435	2048	0.02%	0.001%
317	17.025	16.998	17.052	VV	709	14835	0.14%	0.007%
318	17.064	17.052	17.077	VV	564	5942	0.06%	0.003%
319	17.082	17.077	17.135	VV	371	8045	0.08%	0.004%
320	17.175	17.135	17.200	VV	570	14076	0.13%	0.007%
321	17.218	17.200	17.227	VV	497	6399	0.06%	0.003%
322	17.232	17.227	17.237	VV	561	2755	0.03%	0.001%
323	17.257	17.237	17.285	VV	1124	19989	0.19%	0.010%
324	17.298	17.285	17.305	VV	671	6128	0.06%	0.003%
325	17.370	17.305	17.421	VV	57411	810224	7.60%	0.385%
326	17.426	17.421	17.432	VV	378	2214	0.02%	0.001%
327	17.456	17.432	17.486	VV	2731	41462	0.39%	0.020%
328	17.493	17.486	17.508	VV	465	5265	0.05%	0.003%
329	17.517	17.508	17.522	VV	461	3206	0.03%	0.002%
330	17.528	17.522	17.542	VV	408	4093	0.04%	0.002%
331	17.569	17.542	17.594	VV	464	9621	0.09%	0.005%
332	17.620	17.594	17.627	PV	226	3085	0.03%	0.001%
333	17.634	17.627	17.642	VV	131	1265	0.01%	0.001%
334	17.660	17.642	17.677	VV	626	7186	0.07%	0.003%
335	17.734	17.677	17.747	VV	669070	9359859	87.76%	4.449%
336	17.769	17.747	17.944	VV	632255	9475979	88.85%	4.504%
337	17.986	17.944	18.152	VV	628212	9464386	88.74%	4.499%
338	18.195	18.152	18.238	VV	55558	816334	7.65%	0.388%
339	18.241	18.238	18.280	VV	751	9095	0.09%	0.004%
Sum of corrected areas:					210382375			

Aromatic EPH 021125.M Sat Mar 01 04:01:07 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068334.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 18:56
 Operator : YP/AJ
 Sample : Q1421-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 P001-CLAY-CF01-01MS

Integration File: autoint1.e
 Quant Time: Mar 05 05:24:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.839	3447568	30.652 ug/ml
Spiked Amount 50.000		Recovery =	61.30%
Target Compounds			
1) T n-Nonane (C9)	3.205	3952679	28.098 ug/ml
2) T n-Decane (C10)	4.262	4756204	33.572 ug/ml
4) T n-Dodecane (C12)	6.270	5217892	37.070 ug/ml
6) T n-Tetradecane (C14)	8.059	5826405	42.733 ug/ml
7) T n-Hexadecane (C16)	9.655	6354609	46.396 ug/ml
8) T n-Octadecane (C18)	11.093	6605667	48.302 ug/ml
10) T n-Eicosane (C20)	12.400	6724652	51.614 ug/ml
11) T n-Heneicosane (C21)	13.010	6406807	50.113 ug/ml
13) T n-Docosane (C22)	13.596	6355786	50.432 ug/ml
14) T n-Tetracosane (C24)	14.697	6236779	50.144 ug/ml
15) T n-Hexacosane (C26)	15.715	6107881	50.232 ug/ml
16) T n-Octacosane (C28)	16.664	5953830	50.130 ug/ml
17) T n-Tricontane (C30)	17.551	5974819	49.639 ug/ml
18) T n-Dotriacontane (C32)	18.382	5932634	51.114 ug/ml
19) T n-Tetratriacontane (C34)	19.164	5900054	54.600 ug/ml
20) T n-Hexatriacontane (C36)	19.904	5653625	58.789 ug/ml
21) T n-Octatriacontane (C38)	20.616	5491943	61.091 ug/ml
22) T n-Tetracontane (C40)	21.472	5316432	61.447 ug/ml

(f)=RT Delta > 1/2 Window

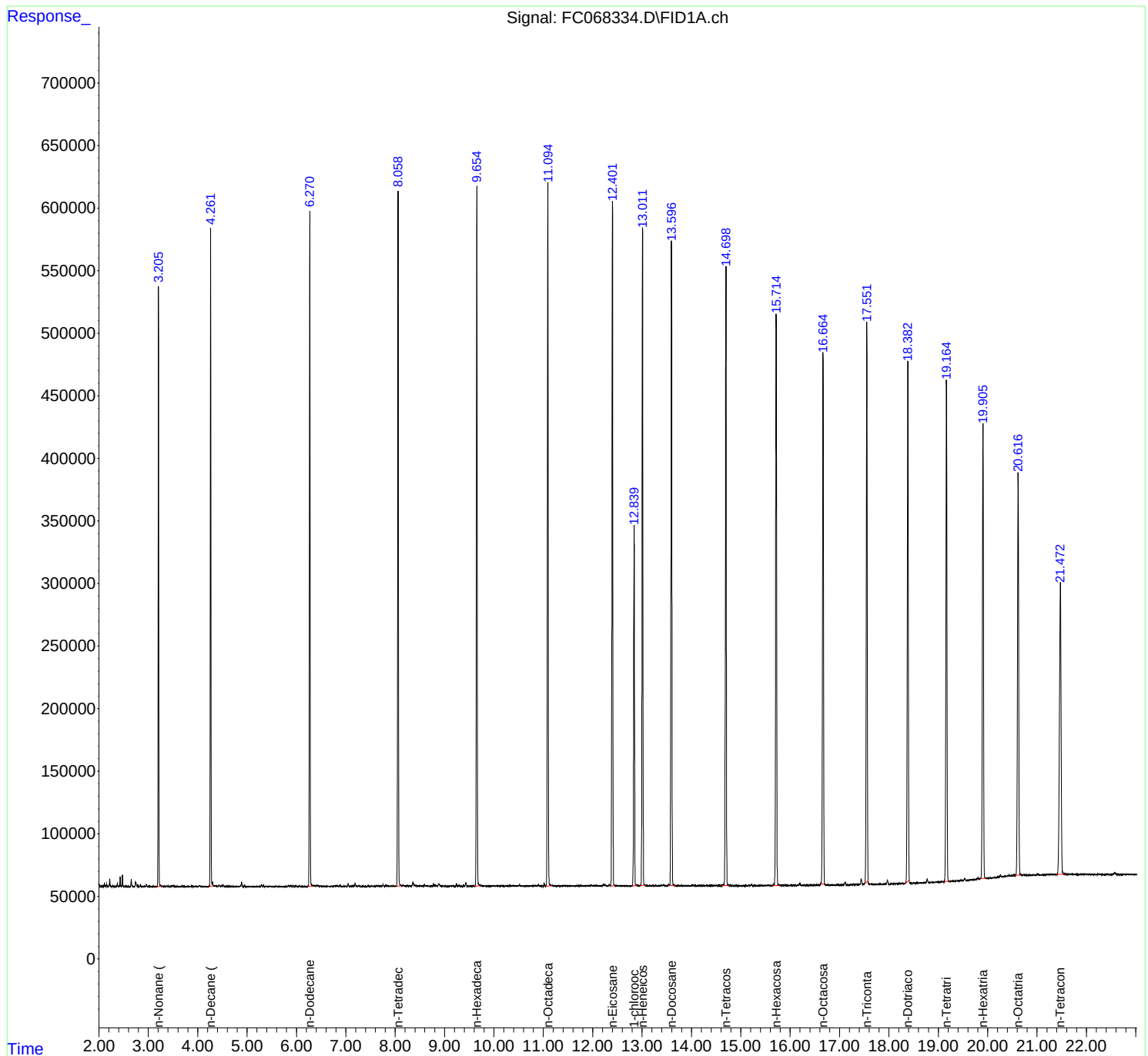
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
Data File : FC068334.D
Signal(s) : FID1A.ch
Acq On : 28 Feb 2025 18:56
Operator : YP/AJ
Sample : Q1421-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
P001-CLAY-CF01-01MS

Integration File: autoint1.e
Quant Time: Mar 05 05:24:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068334.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 18:56
 Sample : Q1421-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.373	2.304	2.402	BV	2444	20177	0.30%	0.018%
2	2.430	2.402	2.454	PV	7767	67001	0.99%	0.059%
3	2.475	2.454	2.535	VV	9285	76863	1.14%	0.067%
4	2.556	2.535	2.578	VV	360	5078	0.08%	0.004%
5	2.588	2.578	2.626	VV	234	3484	0.05%	0.003%
6	2.654	2.626	2.721	PV	5970	55320	0.82%	0.048%
7	2.743	2.721	2.771	VV	3718	52504	0.78%	0.046%
8	2.786	2.771	2.820	VV	1524	17198	0.25%	0.015%
9	2.839	2.820	2.900	VV	1638	20171	0.30%	0.018%
10	2.917	2.900	2.943	VV	340	4970	0.07%	0.004%
11	2.961	2.943	2.993	VV	1652	15512	0.23%	0.014%
12	3.031	2.993	3.044	VV	298	5350	0.08%	0.005%
13	3.054	3.044	3.071	VV	147	1723	0.03%	0.002%
14	3.095	3.071	3.122	VV	221	3824	0.06%	0.003%
15	3.205	3.122	3.314	VV	476570	3974917	58.90%	3.482%
16	3.324	3.314	3.364	VV	381	7654	0.11%	0.007%
17	3.378	3.364	3.424	VV	331	9181	0.14%	0.008%
18	3.437	3.424	3.454	VV	241	3497	0.05%	0.003%
19	3.501	3.454	3.553	VV	659	21613	0.32%	0.019%
20	3.568	3.553	3.604	VV	260	4949	0.07%	0.004%
21	3.611	3.604	3.655	VV	176	3352	0.05%	0.003%
22	3.692	3.655	3.752	VV	421	11227	0.17%	0.010%
23	3.775	3.752	3.827	VV	350	7232	0.11%	0.006%
24	3.865	3.827	3.878	VV	588	8521	0.13%	0.007%
25	3.893	3.878	3.948	VV	975	13495	0.20%	0.012%
26	3.961	3.948	3.993	VV	284	4929	0.07%	0.004%
27	4.037	3.993	4.145	VV	944	27567	0.41%	0.024%
28	4.178	4.145	4.204	VV	296	6175	0.09%	0.005%
29	4.211	4.204	4.231	VV	230	2907	0.04%	0.003%
30	4.262	4.231	4.289	VV	524353	4734902	70.17%	4.148%
31	4.300	4.289	4.347	VV	3746	50768	0.75%	0.044%
32	4.364	4.347	4.390	VV	730	14752	0.22%	0.013%
33	4.428	4.390	4.448	VV	1240	21435	0.32%	0.019%
34	4.459	4.448	4.467	VV	425	4469	0.07%	0.004%
35	4.483	4.467	4.497	VV	955	11206	0.17%	0.010%
36	4.513	4.497	4.578	VV	1798	24455	0.36%	0.021%

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37	4.630	4.578	4.689	VV	247	12114	0.18%	0.011%
38	4.724	4.689	4.780	VV	273	7087	0.11%	0.006%
39	4.810	4.780	4.844	VV	250	4638	0.07%	0.004%
40	4.890	4.844	4.921	VV	3471	45773	0.68%	0.040%
41	4.946	4.921	4.962	VV	719	8954	0.13%	0.008%
42	4.973	4.962	5.018	VV	275	4329	0.06%	0.004%
43	5.081	5.018	5.101	PV	175	4452	0.07%	0.004%
44	5.115	5.101	5.153	VV	129	3282	0.05%	0.003%
45	5.163	5.153	5.223	VV	189	3688	0.05%	0.003%
46	5.258	5.223	5.269	VV	162	2711	0.04%	0.002%
47	5.292	5.269	5.312	VV	1773	19244	0.29%	0.017%
48	5.332	5.312	5.357	VV	1339	15550	0.23%	0.014%
49	5.387	5.357	5.434	VV	309	5489	0.08%	0.005%
50	5.469	5.434	5.495	VV	356	6323	0.09%	0.006%
51	5.508	5.495	5.529	VV	125	1637	0.02%	0.001%
52	5.539	5.529	5.553	VV	148	1273	0.02%	0.001%
53	5.582	5.553	5.613	VV	280	5783	0.09%	0.005%
54	5.640	5.613	5.684	VV	173	4197	0.06%	0.004%
55	5.692	5.684	5.724	VV	99	1301	0.02%	0.001%
56	5.742	5.724	5.763	PV	204	2404	0.04%	0.002%
57	5.788	5.763	5.813	VV	186	3529	0.05%	0.003%
58	5.838	5.813	5.869	VV	890	16772	0.25%	0.015%
59	5.886	5.869	5.908	VV	542	8475	0.13%	0.007%
60	5.928	5.908	5.971	VV	1047	14951	0.22%	0.013%
61	5.991	5.971	6.029	VV	703	11596	0.17%	0.010%
62	6.064	6.029	6.086	VV	368	7588	0.11%	0.007%
63	6.115	6.086	6.132	VV	274	4178	0.06%	0.004%
64	6.164	6.132	6.228	VV	275	9391	0.14%	0.008%
65	6.270	6.228	6.334	VV	539912	5241953	77.68%	4.592%
66	6.351	6.334	6.374	VV	1068	17052	0.25%	0.015%
67	6.386	6.374	6.398	VV	676	7625	0.11%	0.007%
68	6.417	6.398	6.437	VV	1487	20059	0.30%	0.018%
69	6.450	6.437	6.471	VV	584	8181	0.12%	0.007%
70	6.489	6.471	6.538	VV	752	13429	0.20%	0.012%
71	6.552	6.538	6.568	VV	277	4003	0.06%	0.004%
72	6.587	6.568	6.611	VV	313	5879	0.09%	0.005%
73	6.622	6.611	6.641	VV	243	3682	0.05%	0.003%
74	6.655	6.641	6.684	VV	227	4481	0.07%	0.004%
75	6.708	6.684	6.736	VV	664	9075	0.13%	0.008%
76	6.762	6.736	6.796	VV	830	16423	0.24%	0.014%
77	6.824	6.796	6.854	VV	741	16164	0.24%	0.014%
78	6.887	6.854	6.914	VV	1061	19526	0.29%	0.017%
79	6.925	6.914	6.947	VV	306	4357	0.06%	0.004%
80	6.988	6.947	7.008	VV	329	7764	0.12%	0.007%
81	7.048	7.008	7.095	VV	2381	30341	0.45%	0.027%
82	7.108	7.095	7.138	VV	366	7191	0.11%	0.006%
83	7.155	7.138	7.167	VV	499	5849	0.09%	0.005%
84	7.188	7.167	7.213	VV	2579	30661	0.45%	0.027%
85	7.221	7.213	7.233	VV	260	2957	0.04%	0.003%
86	7.248	7.233	7.266	VV	418	6511	0.10%	0.006%
87	7.279	7.266	7.333	VV	619	10000	0.15%	0.009%
88	7.355	7.333	7.391	VV	242	6015	0.09%	0.005%
89	7.395	7.391	7.414	VV	190	1628	0.02%	0.001%

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90	7.448	7.414	7.478	VV	1037	13385	0.20%	0.012%	
91	7.525	7.478	7.574	VV	321	11619	0.17%	0.010%	
92	7.611	7.574	7.627	VV	353	8205	0.12%	0.007%	
93	7.648	7.627	7.688	VV	402	10387	0.15%	0.009%	
94	7.709	7.688	7.734	VV	486	7961	0.12%	0.007%	
95	7.753	7.734	7.778	VV	1583	19335	0.29%	0.017%	
96	7.809	7.778	7.834	VV	1594	21359	0.32%	0.019%	
97	7.846	7.834	7.864	VV	354	4886	0.07%	0.004%	
98	7.879	7.864	7.891	VV	423	4829	0.07%	0.004%	
99	7.908	7.891	7.934	VV	361	6444	0.10%	0.006%	
100	7.962	7.934	8.004	VV	856	13217	0.20%	0.012%	
101	8.059	8.004	8.134	VV	554409	5855976	86.78%	5.130%	
102	8.154	8.134	8.190	VV	891	22636	0.34%	0.020%	
103	8.203	8.190	8.222	VV	574	8596	0.13%	0.008%	
104	8.250	8.222	8.269	VV	624	10991	0.16%	0.010%	
105	8.287	8.269	8.328	VV	613	10178	0.15%	0.009%	
106	8.358	8.328	8.438	VV	3538	79437	1.18%	0.070%	
107	8.449	8.438	8.464	VV	483	7244	0.11%	0.006%	
108	8.474	8.464	8.488	VV	607	6830	0.10%	0.006%	
109	8.516	8.488	8.531	VV	612	13038	0.19%	0.011%	
110	8.544	8.531	8.558	VV	691	8906	0.13%	0.008%	
111	8.592	8.558	8.631	VV	1119	27569	0.41%	0.024%	
112	8.654	8.631	8.687	VV	452	9010	0.13%	0.008%	
113	8.707	8.687	8.725	VV	426	6259	0.09%	0.005%	
114	8.745	8.725	8.753	VV	313	3931	0.06%	0.003%	
115	8.776	8.753	8.796	VV	1501	20657	0.31%	0.018%	
116	8.812	8.796	8.825	VV	888	11876	0.18%	0.010%	
117	8.833	8.825	8.854	VV	679	10088	0.15%	0.009%	
118	8.887	8.854	8.943	VV	2096	46575	0.69%	0.041%	
119	8.962	8.943	8.989	VV	596	8314	0.12%	0.007%	
120	9.011	8.989	9.037	PV	415	5547	0.08%	0.005%	
121	9.131	9.037	9.145	VV	387	13254	0.20%	0.012%	
122	9.174	9.145	9.221	VV	781	15428	0.23%	0.014%	
123	9.245	9.221	9.273	VV	1372	22829	0.34%	0.020%	
124	9.294	9.273	9.322	VV	889	12552	0.19%	0.011%	
125	9.334	9.322	9.354	VV	263	3002	0.04%	0.003%	
126	9.388	9.354	9.408	VV	903	13561	0.20%	0.012%	
127	9.432	9.408	9.473	VV	3048	36278	0.54%	0.032%	
128	9.490	9.473	9.508	PV	253	2752	0.04%	0.002%	
129	9.522	9.508	9.535	VV	181	2184	0.03%	0.002%	
130	9.576	9.535	9.609	VV	648	15373	0.23%	0.013%	
131	9.655	9.609	9.766	VV	558718	6394144	94.75%	5.602%	
132	9.773	9.766	9.864	VV	389	14407	0.21%	0.013%	
133	9.931	9.864	9.948	VV	308	7356	0.11%	0.006%	
134	9.969	9.948	9.990	VV	302	6115	0.09%	0.005%	
135	10.045	9.990	10.064	VV	472	12862	0.19%	0.011%	
136	10.081	10.064	10.102	VV	363	6588	0.10%	0.006%	
137	10.129	10.102	10.151	VV	338	6987	0.10%	0.006%	
138	10.159	10.151	10.180	VV	290	3147	0.05%	0.003%	
139	10.191	10.180	10.197	VV	128	1121	0.02%	0.001%	
140	10.205	10.197	10.211	VV	152	1028	0.02%	0.001%	
141	10.250	10.211	10.265	VV	389	7571	0.11%	0.007%	

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142	10.275	10.265	10.303	VV	376	6423	0.10%	0.006%
143	10.322	10.303	10.348	VV	577	10901	0.16%	0.010%
144	10.391	10.348	10.423	VV	743	18152	0.27%	0.016%
145	10.443	10.423	10.458	VV	366	5798	0.09%	0.005%
146	10.476	10.458	10.488	VV	430	6016	0.09%	0.005%
147	10.515	10.488	10.548	VV	1041	19254	0.29%	0.017%
148	10.604	10.584	10.658	VV	273	7646	0.11%	0.007%
149	10.675	10.658	10.683	VV	257	2854	0.04%	0.003%
150	10.714	10.683	10.741	VV	436	9433	0.14%	0.008%
151	10.761	10.741	10.794	VV	411	9576	0.14%	0.008%
152	10.811	10.794	10.831	VV	557	8515	0.13%	0.007%
153	10.844	10.831	10.862	VV	342	3978	0.06%	0.003%
154	10.894	10.862	10.940	VV	1481	20511	0.30%	0.018%
155	10.947	10.940	10.978	VV	104	1539	0.02%	0.001%
156	11.021	10.978	11.054	VV	1735	24417	0.36%	0.021%
157	11.093	11.054	11.168	VV	565923	6625320	98.18%	5.804%
158	11.182	11.168	11.231	VV	720	14671	0.22%	0.013%
159	11.241	11.231	11.261	VV	192	2557	0.04%	0.002%
160	11.273	11.261	11.288	VV	173	1837	0.03%	0.002%
161	11.318	11.288	11.348	VV	209	5178	0.08%	0.005%
162	11.354	11.348	11.368	VV	85	1004	0.01%	0.001%
163	11.398	11.368	11.435	VV	297	9104	0.13%	0.008%
164	11.450	11.435	11.460	VV	333	3793	0.06%	0.003%
165	11.477	11.460	11.519	VV	415	10036	0.15%	0.009%
166	11.556	11.519	11.602	VV	414	11078	0.16%	0.010%
167	11.609	11.602	11.618	VV	109	953	0.01%	0.001%
168	11.752	11.618	11.781	VV	588	31644	0.47%	0.028%
169	11.800	11.781	11.831	VV	366	7504	0.11%	0.007%
170	11.848	11.831	11.864	VV	282	4549	0.07%	0.004%
171	11.893	11.864	11.938	VV	424	11070	0.16%	0.010%
172	11.973	11.938	12.009	VV	753	21641	0.32%	0.019%
173	12.030	12.009	12.052	VV	621	10594	0.16%	0.009%
174	12.070	12.052	12.085	VV	610	9008	0.13%	0.008%
175	12.093	12.085	12.132	VV	338	6661	0.10%	0.006%
176	12.222	12.132	12.245	VV	1915	41265	0.61%	0.036%
177	12.260	12.245	12.302	VV	961	14054	0.21%	0.012%
178	12.336	12.302	12.359	VV	1377	18443	0.27%	0.016%
179	12.400	12.359	12.498	VV	550415	6748141	100.00%	5.912%
180	12.508	12.498	12.628	VV	306	11917	0.18%	0.010%
181	12.653	12.628	12.664	PV	184	2976	0.04%	0.003%
182	12.672	12.664	12.738	VV	191	5818	0.09%	0.005%
183	12.839	12.738	12.931	VV	286432	3481931	51.60%	3.050%
184	12.953	12.931	12.969	VV	428	8655	0.13%	0.008%
185	13.010	12.969	13.178	VV	526070	6448726	95.56%	5.649%
186	13.208	13.178	13.240	VV	376	10702	0.16%	0.009%
187	13.283	13.240	13.324	VV	471	15893	0.24%	0.014%
188	13.347	13.324	13.364	VV	296	5459	0.08%	0.005%
189	13.384	13.364	13.407	VV	696	11042	0.16%	0.010%
190	13.435	13.407	13.484	VV	1046	21956	0.33%	0.019%
191	13.498	13.484	13.513	VV	276	3937	0.06%	0.003%
192	13.539	13.513	13.556	VV	1419	19411	0.29%	0.017%
193	13.596	13.556	13.688	VV	513366	6381544	94.57%	5.590%
194	13.698	13.688	13.705	VV	257	2361	0.03%	0.002%

195	13.715	13.705	13.750	VV	301	5196	0.08%	0.005%
196	13.769	13.750	13.791	VV	195	3768	0.06%	0.003%
197	13.806	13.791	13.833	VV	207	4647	0.07%	0.004%
198	13.847	13.833	13.861	VV	198	2753	0.04%	0.002%
199	13.865	13.861	13.908	VV	163	3524	0.05%	0.003%
200	13.930	13.908	13.969	VV	201	4815	0.07%	0.004%
201	13.977	13.969	13.987	VV	121	1041	0.02%	0.001%
202	14.030	13.987	14.108	VV	938	23520	0.35%	0.021%
203	14.119	14.108	14.130	VV	191	1931	0.03%	0.002%
204	14.153	14.130	14.198	VV	516	10405	0.15%	0.009%
205	14.297	14.198	14.368	VV	343	24148	0.36%	0.021%
206	14.397	14.368	14.424	VV	347	8382	0.12%	0.007%
207	14.462	14.424	14.489	VV	351	9124	0.14%	0.008%
208	14.504	14.489	14.521	VV	310	4445	0.07%	0.004%
209	14.545	14.521	14.574	VV	400	7327	0.11%	0.006%
210	14.594	14.574	14.611	VV	242	4170	0.06%	0.004%
211	14.648	14.611	14.657	VV	1188	15313	0.23%	0.013%
212	14.697	14.657	14.824	VV	489965	6246308	92.56%	5.472%
213	14.833	14.824	14.849	VV	140	1753	0.03%	0.002%
214	14.862	14.849	14.922	VV	195	6292	0.09%	0.006%
215	14.930	14.922	14.994	VV	168	4066	0.06%	0.004%
216	15.001	14.994	15.014	VV	75	973	0.01%	0.001%
217	15.024	15.014	15.065	VV	107	2267	0.03%	0.002%
218	15.075	15.065	15.090	VV	130	1445	0.02%	0.001%
219	15.122	15.090	15.136	VV	168	3329	0.05%	0.003%
220	15.212	15.136	15.294	VV	1180	24519	0.36%	0.021%
221	15.354	15.294	15.378	PV	196	5498	0.08%	0.005%
222	15.392	15.378	15.402	VV	164	2044	0.03%	0.002%
223	15.411	15.402	15.468	VV	199	5159	0.08%	0.005%
224	15.567	15.468	15.594	VV	304	13518	0.20%	0.012%
225	15.602	15.594	15.638	VV	178	2874	0.04%	0.003%
226	15.715	15.638	15.874	VV	453709	6127369	90.80%	5.368%
227	15.896	15.874	15.998	VV	161	4903	0.07%	0.004%
228	16.034	15.998	16.058	VV	154	2482	0.04%	0.002%
229	16.065	16.058	16.082	VV	94	878	0.01%	0.001%
230	16.105	16.082	16.141	PV	121	2159	0.03%	0.002%
231	16.159	16.141	16.168	VV	188	1698	0.03%	0.001%
232	16.194	16.168	16.254	VV	1679	25892	0.38%	0.023%
233	16.271	16.254	16.306	VV	270	3955	0.06%	0.003%
234	16.317	16.306	16.331	VV	96	762	0.01%	0.001%
235	16.358	16.331	16.374	VV	229	3509	0.05%	0.003%
236	16.390	16.374	16.434	VV	143	5100	0.08%	0.004%
237	16.442	16.434	16.466	VV	174	2263	0.03%	0.002%
238	16.501	16.466	16.518	VV	188	3685	0.05%	0.003%
239	16.545	16.518	16.598	VV	425	13351	0.20%	0.012%
240	16.664	16.598	16.734	VV	424710	6019424	89.20%	5.273%
241	16.745	16.734	16.788	VV	326	7647	0.11%	0.007%
242	16.795	16.788	16.852	VV	202	4824	0.07%	0.004%
243	16.867	16.852	16.916	VV	103	2253	0.03%	0.002%
244	16.922	16.916	16.927	VV	71	350	0.01%	0.000%
245	16.955	16.927	16.978	VV	290	4629	0.07%	0.004%
246	17.010	16.978	17.028	VV	202	3878	0.06%	0.003%

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247	17.041	17.028	17.068	VV	173	2364	0.04%	0.002%
248	17.111	17.068	17.174	VV	2404	39025	0.58%	0.034%
249	17.336	17.174	17.368	PV	275	20619	0.31%	0.018%
250	17.387	17.368	17.401	VV	272	3524	0.05%	0.003%
251	17.437	17.401	17.475	VV	4691	71943	1.07%	0.063%
252	17.551	17.475	17.619	VV	449116	6077453	90.06%	5.324%
253	17.641	17.619	17.662	VV	447	9996	0.15%	0.009%
254	17.672	17.662	17.714	VV	282	6932	0.10%	0.006%
255	17.731	17.714	17.774	VV	226	3697	0.05%	0.003%
256	17.826	17.774	17.890	PV	320	10337	0.15%	0.009%
257	17.898	17.890	17.906	VV	120	576	0.01%	0.001%
258	17.968	17.906	18.008	PV	3186	48425	0.72%	0.042%
259	18.055	18.008	18.076	VV	133	3080	0.05%	0.003%
260	18.234	18.076	18.250	VV	270	7745	0.11%	0.007%
261	18.266	18.250	18.313	VV	261	4615	0.07%	0.004%
262	18.382	18.313	18.454	PV	413964	6001712	88.94%	5.258%
263	18.507	18.454	18.521	VV	208	5479	0.08%	0.005%
264	18.537	18.521	18.564	VV	182	3281	0.05%	0.003%
265	18.592	18.564	18.604	VV	185	2248	0.03%	0.002%
266	18.633	18.604	18.654	VV	166	3189	0.05%	0.003%
267	18.685	18.654	18.696	VV	99	1632	0.02%	0.001%
268	18.775	18.696	18.808	PV	2910	42936	0.64%	0.038%
269	18.834	18.808	18.874	VV	109	2129	0.03%	0.002%
270	18.961	18.874	18.988	PV	189	6398	0.09%	0.006%
271	19.089	18.988	19.101	VV	250	10181	0.15%	0.009%
272	19.164	19.101	19.253	VV	397589	5928806	87.86%	5.194%
273	19.268	19.253	19.291	VV	393	7503	0.11%	0.007%
274	19.321	19.291	19.364	VV	466	15140	0.22%	0.013%
275	19.471	19.364	19.497	VV	555	31946	0.47%	0.028%
276	19.533	19.497	19.581	VV	1963	43177	0.64%	0.038%
277	19.803	19.581	19.834	VV	1730	120045	1.78%	0.105%
278	19.904	19.834	20.010	VV	361310	5791003	85.82%	5.073%
279	20.021	20.010	20.031	VV	1425	16738	0.25%	0.015%
280	20.255	20.031	20.298	VV	3227	276042	4.09%	0.242%
281	20.431	20.298	20.461	VV	2745	223985	3.32%	0.196%
282	20.475	20.461	20.491	VV	2507	44379	0.66%	0.039%
283	20.616	20.491	20.758	VV	321083	5896031	87.37%	5.165%
284	20.774	20.758	20.812	VV	2369	74617	1.11%	0.065%
285	20.819	20.812	20.828	VV	2218	20610	0.31%	0.018%
286	20.937	20.828	20.968	VV	2225	179546	2.66%	0.157%
287	21.009	20.968	21.049	VV	2645	108714	1.61%	0.095%
288	21.056	21.049	21.072	VV	1873	25754	0.38%	0.023%
289	21.285	21.072	21.298	VV	1863	243309	3.61%	0.213%
290	21.308	21.298	21.320	VV	1825	23251	0.34%	0.020%
291	21.352	21.320	21.361	VV	1736	41635	0.62%	0.036%
292	21.370	21.361	21.381	VV	1619	19867	0.29%	0.017%
293	21.388	21.381	21.395	VV	1626	13279	0.20%	0.012%
294	21.472	21.395	21.628	VV	232470	5539153	82.08%	4.853%
295	21.639	21.628	21.651	VV	1287	17310	0.26%	0.015%
296	21.670	21.651	21.690	VV	1291	28053	0.42%	0.025%
297	21.709	21.690	21.737	VV	1183	31107	0.46%	0.027%
298	21.772	21.737	21.878	VV	1053	77020	1.14%	0.067%
299	21.901	21.878	21.915	VV	749	15281	0.23%	0.013%

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300	21.922	21.915	21.931	VV	654	5922	0.09%	0.005%
301	21.973	21.931	22.041	VV	779	39999	0.59%	0.035%
302	22.055	22.041	22.083	VV	455	8809	0.13%	0.008%
303	22.094	22.083	22.104	VV	307	3505	0.05%	0.003%
304	22.113	22.104	22.147	VV	325	5060	0.07%	0.004%
305	22.162	22.147	22.181	VV	91	1266	0.02%	0.001%

Sum of corrected areas: 114150106

Aliphatic EPH 021125.M Sat Mar 01 01:30:47 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068335.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 19:32
 Operator : YP/AJ
 Sample : Q1421-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 P001-CLAY-CF01-01MSD

Integration File: autoint1.e
 Quant Time: Mar 05 05:25:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.838	3629508	32.270 ug/ml
Spiked Amount 50.000		Recovery =	64.54%
Target Compounds			
1) T n-Nonane (C9)	3.205	3943747	28.034 ug/ml
2) T n-Decane (C10)	4.261	4754624	33.561 ug/ml
4) T n-Dodecane (C12)	6.270	5235120	37.192 ug/ml
6) T n-Tetradecane (C14)	8.059	5850328	42.909 ug/ml
7) T n-Hexadecane (C16)	9.655	6391300	46.664 ug/ml
8) T n-Octadecane (C18)	11.093	6650779	48.632 ug/ml
10) T n-Eicosane (C20)	12.400	6773133	51.986 ug/ml
11) T n-Heneicosane (C21)	13.010	6452700	50.472 ug/ml
13) T n-Docosane (C22)	13.595	6400679	50.788 ug/ml
14) T n-Tetracosane (C24)	14.696	6277459	50.471 ug/ml
15) T n-Hexacosane (C26)	15.715	6147591	50.559 ug/ml
16) T n-Octacosane (C28)	16.664	5996760	50.492 ug/ml
17) T n-Tricontane (C30)	17.551	6013877	49.963 ug/ml
18) T n-Dotriacontane (C32)	18.382	5975842	51.486 ug/ml
19) T n-Tetratriacontane (C34)	19.164	5937717	54.949 ug/ml
20) T n-Hexatriacontane (C36)	19.904	5683975	59.104 ug/ml
21) T n-Octatriacontane (C38)	20.616	5522915	61.436 ug/ml
22) T n-Tetracontane (C40)	21.469	5359281	61.942 ug/ml

(f)=RT Delta > 1/2 Window

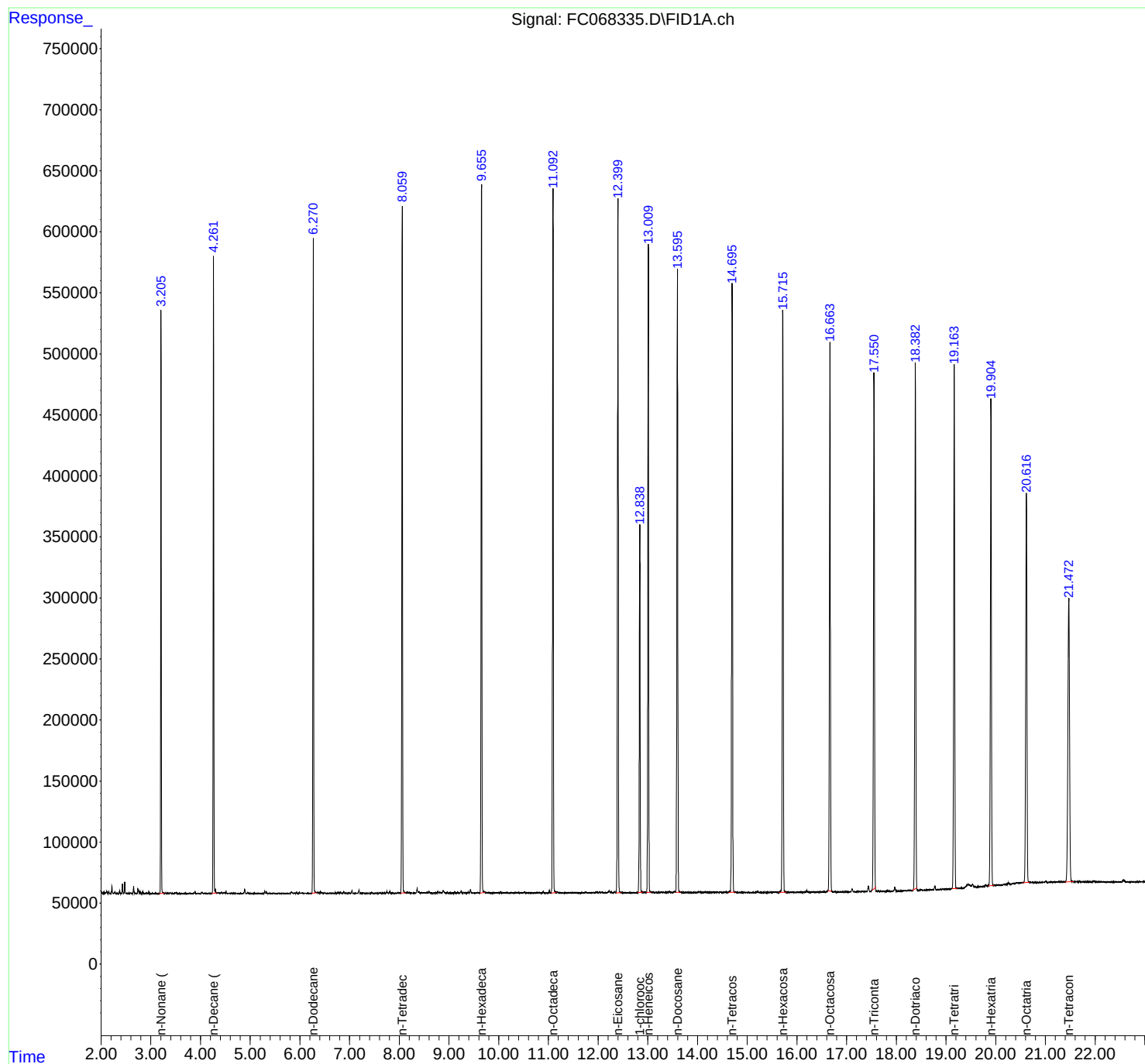
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
Data File : FC068335.D
Signal(s) : FID1A.ch
Acq On : 28 Feb 2025 19:32
Operator : YP/AJ
Sample : Q1421-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
P001-CLAY-CF01-01MSD

Integration File: autoint1.e
Quant Time: Mar 05 05:25:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Mar 05 03:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068335.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 19:32
 Sample : Q1421-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: sample.E

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

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.373	2.344	2.404	PV	2502	22211	0.33%	0.019%
2	2.429	2.404	2.453	VV	7877	67361	0.99%	0.058%
3	2.475	2.453	2.515	VV	9409	77635	1.14%	0.067%
4	2.525	2.515	2.536	VV	170	1245	0.02%	0.001%
5	2.557	2.536	2.575	PV	406	4865	0.07%	0.004%
6	2.591	2.575	2.624	VV	320	4153	0.06%	0.004%
7	2.653	2.624	2.716	VV	5738	54584	0.80%	0.047%
8	2.742	2.716	2.770	VV	3670	51262	0.75%	0.044%
9	2.786	2.770	2.819	VV	1528	16974	0.25%	0.015%
10	2.838	2.819	2.868	VV	1723	16588	0.24%	0.014%
11	2.917	2.868	2.944	VV	307	7449	0.11%	0.006%
12	2.960	2.944	3.006	VV	1641	15916	0.23%	0.014%
13	3.030	3.006	3.080	VV	276	5287	0.08%	0.005%
14	3.100	3.080	3.144	VV	212	3993	0.06%	0.003%
15	3.205	3.144	3.278	VV	474671	3957131	58.18%	3.433%
16	3.297	3.278	3.311	VV	378	5675	0.08%	0.005%
17	3.325	3.311	3.341	VV	402	5717	0.08%	0.005%
18	3.347	3.341	3.362	VV	269	3064	0.05%	0.003%
19	3.379	3.362	3.390	VV	341	4125	0.06%	0.004%
20	3.400	3.390	3.426	VV	265	4317	0.06%	0.004%
21	3.437	3.426	3.449	VV	243	2333	0.03%	0.002%
22	3.479	3.449	3.486	VV	429	6373	0.09%	0.006%
23	3.500	3.486	3.557	VV	642	13665	0.20%	0.012%
24	3.572	3.557	3.594	VV	260	3022	0.04%	0.003%
25	3.606	3.594	3.624	VV	188	2006	0.03%	0.002%
26	3.631	3.624	3.652	VV	188	1532	0.02%	0.001%
27	3.693	3.652	3.726	VV	330	6919	0.10%	0.006%
28	3.735	3.726	3.753	VV	129	1522	0.02%	0.001%
29	3.773	3.753	3.827	PV	316	5781	0.09%	0.005%
30	3.865	3.827	3.878	VV	528	7061	0.10%	0.006%
31	3.893	3.878	3.944	VV	949	12529	0.18%	0.011%
32	3.958	3.944	3.981	VV	257	2886	0.04%	0.003%
33	4.036	3.981	4.068	VV	924	19293	0.28%	0.017%
34	4.081	4.068	4.124	VV	267	5657	0.08%	0.005%
35	4.128	4.124	4.155	VV	116	1860	0.03%	0.002%
36	4.187	4.155	4.231	VV	184	6637	0.10%	0.006%

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37	4.261	4.231	4.289	VV	520982	4732885	69.59%	4.106%
38	4.300	4.289	4.346	VV	3590	48323	0.71%	0.042%
39	4.362	4.346	4.391	VV	749	14126	0.21%	0.012%
40	4.428	4.391	4.468	VV	1340	26822	0.39%	0.023%
41	4.483	4.468	4.497	VV	1118	12023	0.18%	0.010%
42	4.513	4.497	4.554	VV	1695	21407	0.31%	0.019%
43	4.578	4.554	4.611	VV	238	6809	0.10%	0.006%
44	4.615	4.611	4.621	VV	255	1175	0.02%	0.001%
45	4.633	4.621	4.652	VV	221	3729	0.05%	0.003%
46	4.674	4.652	4.690	VV	235	4007	0.06%	0.003%
47	4.723	4.690	4.761	VV	284	5991	0.09%	0.005%
48	4.810	4.761	4.840	VV	356	5885	0.09%	0.005%
49	4.890	4.840	4.922	VV	3510	46198	0.68%	0.040%
50	4.945	4.922	4.962	VV	661	8349	0.12%	0.007%
51	4.972	4.962	5.054	VV	290	5251	0.08%	0.005%
52	5.078	5.054	5.103	VV	162	2912	0.04%	0.003%
53	5.165	5.103	5.231	VV	223	8730	0.13%	0.008%
54	5.242	5.231	5.249	VV	121	700	0.01%	0.001%
55	5.291	5.249	5.311	VV	1788	20915	0.31%	0.018%
56	5.331	5.311	5.371	VV	1245	16633	0.24%	0.014%
57	5.388	5.371	5.435	VV	278	5352	0.08%	0.005%
58	5.473	5.435	5.499	VV	288	6297	0.09%	0.005%
59	5.535	5.499	5.554	VV	121	2147	0.03%	0.002%
60	5.572	5.554	5.611	PV	295	6050	0.09%	0.005%
61	5.621	5.611	5.647	VV	236	3400	0.05%	0.003%
62	5.660	5.647	5.691	VV	214	3348	0.05%	0.003%
63	5.698	5.691	5.724	VV	131	1437	0.02%	0.001%
64	5.744	5.724	5.778	PV	169	3011	0.04%	0.003%
65	5.793	5.778	5.804	VV	225	2519	0.04%	0.002%
66	5.831	5.804	5.865	VV	1155	23002	0.34%	0.020%
67	5.885	5.865	5.908	VV	585	8183	0.12%	0.007%
68	5.929	5.908	5.962	VV	1083	14937	0.22%	0.013%
69	5.990	5.962	6.033	VV	704	14474	0.21%	0.013%
70	6.060	6.033	6.098	VV	379	9625	0.14%	0.008%
71	6.107	6.098	6.134	VV	182	2833	0.04%	0.002%
72	6.155	6.134	6.172	VV	270	4197	0.06%	0.004%
73	6.190	6.172	6.211	VV	204	3469	0.05%	0.003%
74	6.270	6.211	6.334	VV	535855	5258275	77.32%	4.562%
75	6.351	6.334	6.371	VV	1065	17085	0.25%	0.015%
76	6.386	6.371	6.399	VV	729	9657	0.14%	0.008%
77	6.416	6.399	6.438	VV	1453	18789	0.28%	0.016%
78	6.449	6.438	6.470	VV	588	7170	0.11%	0.006%
79	6.488	6.470	6.571	VV	688	16097	0.24%	0.014%
80	6.585	6.571	6.614	VV	326	5691	0.08%	0.005%
81	6.629	6.614	6.638	VV	240	3112	0.05%	0.003%
82	6.655	6.638	6.688	VV	277	5352	0.08%	0.005%
83	6.709	6.688	6.738	VV	607	8549	0.13%	0.007%
84	6.761	6.738	6.798	VV	813	16805	0.25%	0.015%
85	6.824	6.798	6.848	VV	682	14119	0.21%	0.012%
86	6.887	6.848	6.915	VV	1123	19849	0.29%	0.017%
87	6.925	6.915	6.951	VV	352	4582	0.07%	0.004%
88	6.966	6.951	6.980	VV	305	3964	0.06%	0.003%
89	6.991	6.980	7.020	VV	276	4092	0.06%	0.004%

					rt	ret		
90	7.047	7.020	7.078	VV	2375	26454	0.39%	0.023%
91	7.115	7.078	7.141	VV	367	8903	0.13%	0.008%
92	7.154	7.141	7.166	VV	441	4874	0.07%	0.004%
93	7.189	7.166	7.216	VV	2638	31866	0.47%	0.028%
94	7.224	7.216	7.234	VV	278	2586	0.04%	0.002%
95	7.250	7.234	7.268	VV	453	6250	0.09%	0.005%
96	7.279	7.268	7.317	VV	531	7199	0.11%	0.006%
97	7.348	7.317	7.375	VV	228	4627	0.07%	0.004%
98	7.391	7.375	7.423	PV	165	2087	0.03%	0.002%
99	7.449	7.423	7.484	VV	949	12597	0.19%	0.011%
100	7.547	7.484	7.568	VV	253	7576	0.11%	0.007%
101	7.608	7.568	7.630	VV	363	7775	0.11%	0.007%
102	7.668	7.630	7.691	VV	350	8551	0.13%	0.007%
103	7.708	7.691	7.726	VV	435	5500	0.08%	0.005%
104	7.753	7.726	7.776	VV	1610	19006	0.28%	0.016%
105	7.808	7.776	7.830	VV	1612	19530	0.29%	0.017%
106	7.848	7.830	7.863	VV	276	4150	0.06%	0.004%
107	7.878	7.863	7.897	VV	337	4135	0.06%	0.004%
108	7.911	7.897	7.938	VV	306	3742	0.06%	0.003%
109	7.963	7.938	8.024	VV	838	13975	0.21%	0.012%
110	8.059	8.024	8.133	VV	558311	5876988	86.41%	5.099%
111	8.154	8.133	8.198	VV	875	25997	0.38%	0.023%
112	8.205	8.198	8.226	VV	575	7138	0.10%	0.006%
113	8.248	8.226	8.268	VV	590	9697	0.14%	0.008%
114	8.287	8.268	8.331	VV	538	8809	0.13%	0.008%
115	8.358	8.331	8.448	VV	3666	80620	1.19%	0.070%
116	8.471	8.448	8.490	VV	544	11910	0.18%	0.010%
117	8.511	8.490	8.530	VV	656	12138	0.18%	0.011%
118	8.544	8.530	8.578	VV	589	12179	0.18%	0.011%
119	8.592	8.578	8.632	VV	1154	20881	0.31%	0.018%
120	8.653	8.632	8.688	VV	335	6768	0.10%	0.006%
121	8.708	8.688	8.731	VV	420	6134	0.09%	0.005%
122	8.777	8.731	8.796	VV	1474	23554	0.35%	0.020%
123	8.812	8.796	8.824	VV	922	11440	0.17%	0.010%
124	8.833	8.824	8.855	VV	648	9998	0.15%	0.009%
125	8.888	8.855	8.948	VV	2152	49076	0.72%	0.043%
126	8.963	8.948	8.985	VV	562	7555	0.11%	0.007%
127	9.011	8.985	9.043	VV	513	8303	0.12%	0.007%
128	9.065	9.043	9.077	VV	312	4013	0.06%	0.003%
129	9.122	9.077	9.147	VV	426	13195	0.19%	0.011%
130	9.174	9.147	9.218	VV	831	15325	0.23%	0.013%
131	9.244	9.218	9.274	VV	1474	24426	0.36%	0.021%
132	9.293	9.274	9.328	VV	955	14652	0.22%	0.013%
133	9.336	9.328	9.354	VV	327	3858	0.06%	0.003%
134	9.388	9.354	9.411	VV	880	16117	0.24%	0.014%
135	9.432	9.411	9.472	VV	3042	38078	0.56%	0.033%
136	9.491	9.472	9.531	VV	304	6325	0.09%	0.005%
137	9.542	9.531	9.547	VV	217	1821	0.03%	0.002%
138	9.577	9.547	9.616	VV	637	14876	0.22%	0.013%
139	9.655	9.616	9.809	VV	582924	6443012	94.74%	5.590%
140	9.816	9.809	9.902	VV	371	11880	0.17%	0.010%
141	9.932	9.902	9.945	VV	231	4935	0.07%	0.004%

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142	9.965	9.945	9.991	VV	405	7626	0.11%	0.007%
143	10.045	9.991	10.064	VV	552	15043	0.22%	0.013%
144	10.075	10.064	10.104	VV	466	7552	0.11%	0.007%
145	10.132	10.104	10.194	VV	328	11990	0.18%	0.010%
146	10.249	10.194	10.267	VV	378	9371	0.14%	0.008%
147	10.285	10.267	10.301	VV	424	5946	0.09%	0.005%
148	10.321	10.301	10.351	VV	538	11450	0.17%	0.010%
149	10.392	10.351	10.425	VV	663	17716	0.26%	0.015%
150	10.441	10.425	10.458	VV	425	6043	0.09%	0.005%
151	10.469	10.458	10.488	VV	358	5477	0.08%	0.005%
152	10.516	10.488	10.545	VV	1026	18038	0.27%	0.016%
153	10.557	10.545	10.585	VV	286	5213	0.08%	0.005%
154	10.603	10.585	10.621	VV	252	4261	0.06%	0.004%
155	10.640	10.621	10.660	VV	196	3528	0.05%	0.003%
156	10.712	10.660	10.734	VV	336	8930	0.13%	0.008%
157	10.761	10.734	10.790	VV	365	8910	0.13%	0.008%
158	10.811	10.790	10.861	VV	589	10956	0.16%	0.010%
159	10.894	10.861	10.931	VV	1419	18488	0.27%	0.016%
160	10.967	10.931	10.991	VV	138	2181	0.03%	0.002%
161	11.021	10.991	11.050	PV	1872	24243	0.36%	0.021%
162	11.093	11.050	11.170	VV	580810	6671816	98.10%	5.788%
163	11.182	11.170	11.223	VV	750	13273	0.20%	0.012%
164	11.244	11.223	11.260	VV	195	3616	0.05%	0.003%
165	11.285	11.260	11.358	VV	237	8007	0.12%	0.007%
166	11.404	11.358	11.455	VV	302	12323	0.18%	0.011%
167	11.478	11.455	11.528	VV	482	11270	0.17%	0.010%
168	11.549	11.528	11.594	VV	342	9367	0.14%	0.008%
169	11.610	11.594	11.634	VV	111	2326	0.03%	0.002%
170	11.751	11.634	11.784	VV	660	27357	0.40%	0.024%
171	11.798	11.784	11.824	VV	370	5560	0.08%	0.005%
172	11.846	11.824	11.874	VV	231	5481	0.08%	0.005%
173	11.894	11.874	11.930	VV	331	9067	0.13%	0.008%
174	11.971	11.930	12.009	VV	757	21949	0.32%	0.019%
175	12.029	12.009	12.052	VV	682	11399	0.17%	0.010%
176	12.070	12.052	12.138	VV	475	15630	0.23%	0.014%
177	12.221	12.138	12.311	VV	1844	54129	0.80%	0.047%
178	12.336	12.311	12.357	VV	1213	16281	0.24%	0.014%
179	12.399	12.357	12.594	VV	561865	6800978	100.00%	5.900%
180	12.601	12.594	12.624	VV	70	1366	0.02%	0.001%
181	12.673	12.624	12.704	VV	234	7163	0.11%	0.006%
182	12.717	12.704	12.735	VV	236	2291	0.03%	0.002%
183	12.838	12.735	12.931	VV	302568	3667462	53.93%	3.182%
184	12.948	12.931	12.963	VV	456	7614	0.11%	0.007%
185	13.010	12.963	13.168	VV	539095	6502462	95.61%	5.641%
186	13.211	13.168	13.244	VV	404	14956	0.22%	0.013%
187	13.282	13.244	13.327	VV	521	19259	0.28%	0.017%
188	13.384	13.327	13.408	VV	779	19983	0.29%	0.017%
189	13.435	13.408	13.478	VV	1176	24907	0.37%	0.022%
190	13.539	13.478	13.558	VV	1500	28138	0.41%	0.024%
191	13.595	13.558	13.764	VV	509448	6446362	94.79%	5.593%
192	13.837	13.764	13.871	VV	327	15756	0.23%	0.014%
193	13.884	13.871	13.899	VV	270	3904	0.06%	0.003%
194	13.918	13.899	13.950	VV	244	6452	0.09%	0.006%

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195	14.028	13.950	14.128	VV	1094	37948	0.56% 0.033%
196	14.153	14.128	14.184	VV	577	12358	0.18% 0.011%
197	14.211	14.184	14.229	VV	335	6566	0.10% 0.006%
198	14.300	14.229	14.373	VV	432	27150	0.40% 0.024%
199	14.396	14.373	14.437	VV	321	11353	0.17% 0.010%
200	14.464	14.437	14.520	VV	340	14734	0.22% 0.013%
201	14.544	14.520	14.571	VV	389	8453	0.12% 0.007%
202	14.592	14.571	14.616	VV	367	6038	0.09% 0.005%
203	14.696	14.616	14.824	VV	491177	6311101	92.80% 5.475%
204	14.866	14.824	14.924	VV	317	9873	0.15% 0.009%
205	14.950	14.924	14.991	PV	199	5316	0.08% 0.005%
206	15.002	14.991	15.031	VV	154	2035	0.03% 0.002%
207	15.076	15.031	15.088	VV	166	2453	0.04% 0.002%
208	15.114	15.088	15.154	VV	176	4085	0.06% 0.004%
209	15.211	15.154	15.247	VV	1181	20538	0.30% 0.018%
210	15.265	15.247	15.290	VV	172	2829	0.04% 0.002%
211	15.407	15.290	15.448	PV	203	11247	0.17% 0.010%
212	15.570	15.448	15.624	VV	306	18241	0.27% 0.016%
213	15.715	15.624	15.831	VV	475768	6171807	90.75% 5.354%
214	15.851	15.831	15.871	VV	153	3238	0.05% 0.003%
215	15.897	15.871	15.930	VV	187	4366	0.06% 0.004%
216	16.005	15.930	16.038	PV	161	5778	0.08% 0.005%
217	16.078	16.038	16.131	VV	114	4414	0.06% 0.004%
218	16.195	16.131	16.264	VV	1742	30012	0.44% 0.026%
219	16.274	16.264	16.295	VV	170	1928	0.03% 0.002%
220	16.359	16.295	16.393	VV	215	6380	0.09% 0.006%
221	16.406	16.393	16.418	VV	117	1437	0.02% 0.001%
222	16.546	16.418	16.578	PV	376	14792	0.22% 0.013%
223	16.663	16.578	16.731	VV	451399	6063367	89.15% 5.260%
224	16.749	16.731	16.791	VV	317	7273	0.11% 0.006%
225	16.812	16.791	16.884	VV	149	3743	0.06% 0.003%
226	16.953	16.884	16.984	VV	318	6427	0.09% 0.006%
227	16.999	16.984	17.044	VV	168	3051	0.04% 0.003%
228	17.111	17.044	17.171	PV	2514	39934	0.59% 0.035%
229	17.248	17.171	17.278	VV	174	7325	0.11% 0.006%
230	17.337	17.278	17.358	VV	245	8419	0.12% 0.007%
231	17.437	17.358	17.481	VV	4667	75858	1.12% 0.066%
232	17.550	17.481	17.613	VV	420390	6116891	89.94% 5.307%
233	17.640	17.613	17.748	VV	430	21798	0.32% 0.019%
234	17.824	17.748	17.901	VV	400	14951	0.22% 0.013%
235	17.969	17.901	18.011	PV	3519	53311	0.78% 0.046%
236	18.139	18.011	18.186	VV	118	8759	0.13% 0.008%
237	18.274	18.186	18.311	PV	230	10952	0.16% 0.010%
238	18.382	18.311	18.471	VV	425715	6043157	88.86% 5.243%
239	18.509	18.471	18.571	VV	202	7981	0.12% 0.007%
240	18.635	18.571	18.658	VV	182	4735	0.07% 0.004%
241	18.774	18.658	18.818	PV	3017	46839	0.69% 0.041%
242	18.956	18.818	18.987	VV	222	9175	0.13% 0.008%
243	19.164	18.987	19.249	PV	428957	5973219	87.83% 5.182%
244	19.319	19.249	19.344	VV	528	18857	0.28% 0.016%
245	19.451	19.344	19.506	VV	3048	182426	2.68% 0.158%
246	19.533	19.506	19.613	VV	3210	102533	1.51% 0.089%

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247	19.801	19.613	19.831	VV	1981	128535	1.89%	0.112%
248	19.903	19.831	20.003	VV	404559	5825520	85.66%	5.054%
249	20.255	20.003	20.298	VV	3245	305181	4.49%	0.265%
250	20.428	20.298	20.481	VV	2645	253400	3.73%	0.220%
251	20.616	20.481	20.741	VV	321516	5922266	87.08%	5.138%
252	20.765	20.741	20.831	VV	2384	124414	1.83%	0.108%
253	20.855	20.831	20.881	VV	2229	64875	0.95%	0.056%
254	20.932	20.881	20.967	VV	2165	107428	1.58%	0.093%
255	21.011	20.967	21.070	VV	2690	133329	1.96%	0.116%
256	21.293	21.070	21.391	VV	1949	356782	5.25%	0.310%
257	21.469	21.391	21.622	VV	233803	5573920	81.96%	4.836%
258	21.637	21.622	21.662	VV	1272	30341	0.45%	0.026%
259	21.766	21.662	21.834	VV	1126	112158	1.65%	0.097%
260	21.847	21.834	21.888	VV	872	25623	0.38%	0.022%
261	21.983	21.888	22.051	VV	833	65515	0.96%	0.057%
262	22.066	22.051	22.224	VV	471	24734	0.36%	0.021%
Sum of corrected areas:					115264388			

Aliphatic EPH 021125.M Sat Mar 01 01:31:30 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049143.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 19:32
 Operator : YP/AJ
 Sample : Q1421-03
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 P001-CLAY-CF01-01MSD

Integration File: autoint1.e
 Quant Time: Mar 01 02:21:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.352	8004383	55.932 ug/ml
Spiked Amount 50.000		Recovery =	111.86%
6) S 2-Fluorobiphenyl (SURR)	8.203	5197744	59.124 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.25%
11) S ortho-Terphenyl (SURR)	11.234	5182415	32.035 ug/ml
Spiked Amount 50.000		Recovery =	64.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	6806303	42.739 ug/ml
2) T Naphthalene (C11.7)	5.693	7499718	47.231 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	7389966	47.465 ug/ml
5) T Acenaphthylene (C15.06)	8.005	8610669	52.954 ug/ml
7) T Acenaphthene (C15.5)	8.300	9186896	55.844 ug/ml
8) T Fluorene (C16.55)	9.079	9395749	59.599 ug/ml
9) T Phenanthrene (C19.36)	10.468	9704487	64.396 ug/ml
10) T Anthracene (C19.43)	10.543	9855802	65.258 ug/ml
12) T Fluoranthene (C21.85)	12.273	10149905	65.774 ug/ml
13) T Pyrene (C20.8)	12.566	9846593	63.915 ug/ml
14) T Benzo[a]anthracene (C...	14.437	9400442	71.546 ug/ml
15) T Chrysene (C27.41)	14.479	9200670	56.904 ug/ml
16) T benzo[b]fluoranthene ...	15.987	9332863	67.829 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	9405347	59.549 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.362	9010214	66.380 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.734	8902747	81.470 ug/ml
20) T Dibenz[a,h]anthracene...	17.767	9038652	58.261 ug/ml
21) T Benzo[g,h,i]perylene ...	17.984	8820594	60.852 ug/ml

(f)=RT Delta > 1/2 Window

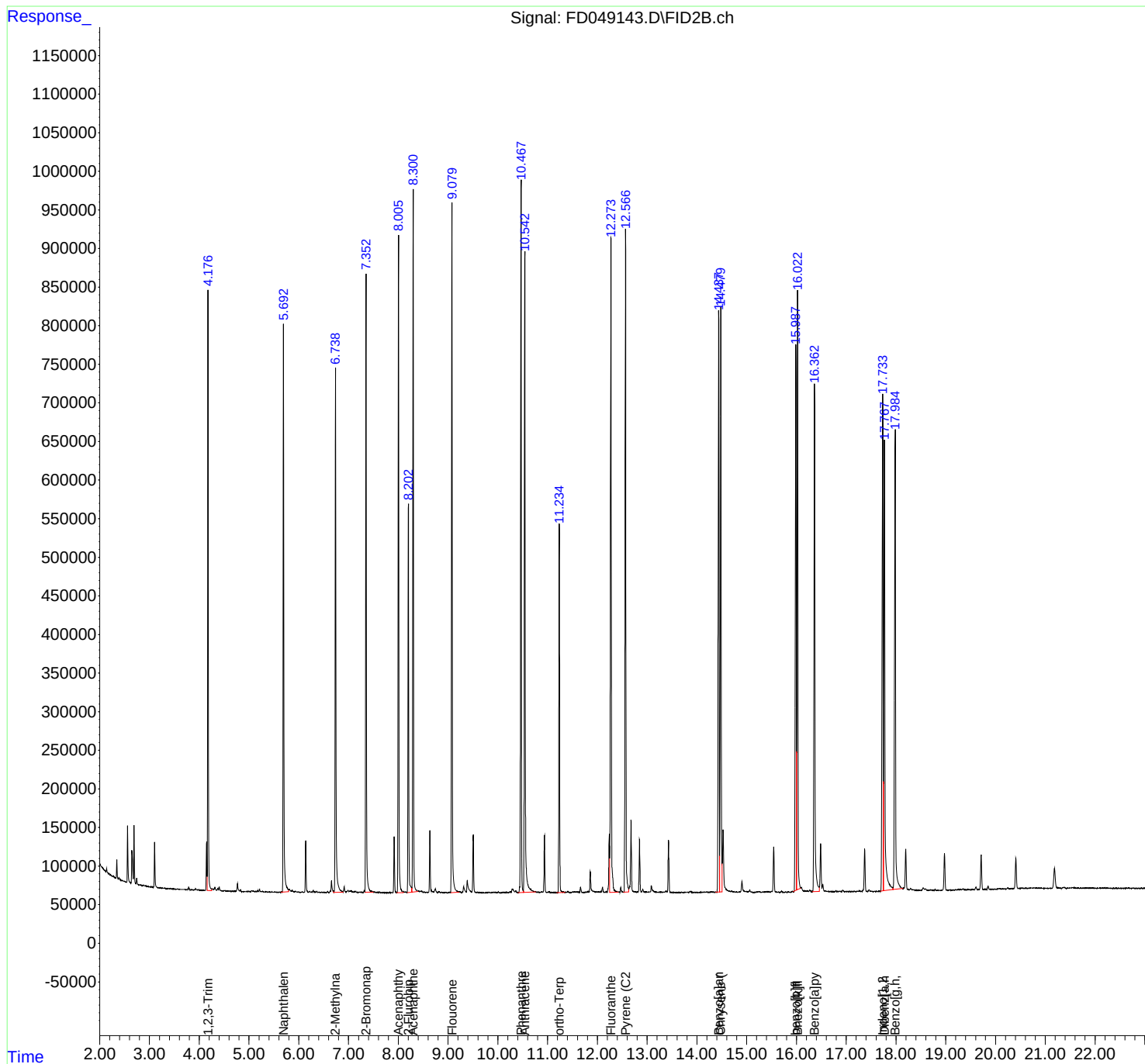
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
Data File : FD049143.D
Signal(s) : FID2B.ch
Acq On : 28 Feb 2025 19:32
Operator : YP/AJ
Sample : Q1421-03
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
P001-CLAY-CF01-01MSD

Integration File: autoint1.e
Quant Time: Mar 01 02:21:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049143.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 19:32
 Sample : Q1421-03
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: sample.E

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

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.052	4.042	4.077	BV	152	1824	0.02%	0.001%
2	4.097	4.077	4.123	VV	200	2811	0.03%	0.001%
3	4.147	4.123	4.159	PV	63153	570838	5.59%	0.282%
4	4.176	4.159	4.247	VV	777604	6811089	66.71%	3.366%
5	4.264	4.247	4.283	VV	2518	44255	0.43%	0.022%
6	4.316	4.283	4.354	VV	4700	97915	0.96%	0.048%
7	4.372	4.354	4.387	VV	3581	42915	0.42%	0.021%
8	4.401	4.387	4.469	VV	5387	74932	0.73%	0.037%
9	4.491	4.469	4.498	VV	557	7223	0.07%	0.004%
10	4.514	4.498	4.544	VV	978	14805	0.14%	0.007%
11	4.549	4.544	4.557	VV	330	1801	0.02%	0.001%
12	4.561	4.557	4.570	VV	421	2357	0.02%	0.001%
13	4.583	4.570	4.593	VV	435	3298	0.03%	0.002%
14	4.608	4.593	4.617	VV	342	3178	0.03%	0.002%
15	4.624	4.617	4.642	VV	206	2250	0.02%	0.001%
16	4.648	4.642	4.660	VV	239	1291	0.01%	0.001%
17	4.666	4.660	4.673	PV	202	1068	0.01%	0.001%
18	4.689	4.673	4.709	VV	613	6780	0.07%	0.003%
19	4.714	4.709	4.725	VV	382	2486	0.02%	0.001%
20	4.769	4.725	4.811	VV	10385	149782	1.47%	0.074%
21	4.827	4.811	4.848	VV	2278	26668	0.26%	0.013%
22	4.858	4.848	4.882	VV	430	4562	0.04%	0.002%
23	4.886	4.882	4.891	VV	241	1049	0.01%	0.001%
24	4.898	4.891	4.906	VV	230	1407	0.01%	0.001%
25	4.918	4.906	4.942	VV	220	2878	0.03%	0.001%
26	4.967	4.942	5.002	VV	677	11218	0.11%	0.006%
27	5.005	5.002	5.017	VV	305	1996	0.02%	0.001%
28	5.020	5.017	5.033	VV	386	1872	0.02%	0.001%
29	5.048	5.033	5.114	VV	1629	47163	0.46%	0.023%
30	5.134	5.114	5.151	VV	783	13240	0.13%	0.007%
31	5.177	5.151	5.195	VV	1693	25292	0.25%	0.013%
32	5.211	5.195	5.234	VV	3795	44340	0.43%	0.022%
33	5.236	5.234	5.255	VV	718	8073	0.08%	0.004%
34	5.268	5.255	5.322	VV	1166	20586	0.20%	0.010%
35	5.340	5.322	5.351	VV	618	8137	0.08%	0.004%
36	5.358	5.351	5.380	VV	467	5563	0.05%	0.003%

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37	5.383	5.380	5.406	VV	281	3514	0.03%	0.002%
38	5.411	5.406	5.435	VV	287	3793	0.04%	0.002%
39	5.461	5.444	5.494	VV	641	10403	0.10%	0.005%
40	5.517	5.494	5.550	VV	539	12495	0.12%	0.006%
41	5.556	5.550	5.575	VV	427	4592	0.04%	0.002%
42	5.581	5.575	5.595	VV	324	2879	0.03%	0.001%
43	5.607	5.595	5.618	VV	343	2915	0.03%	0.001%
44	5.641	5.618	5.669	PV	299	5438	0.05%	0.003%
45	5.693	5.669	5.800	VV	734408	7561727	74.06%	3.737%
46	5.810	5.800	5.855	VV	4343	90069	0.88%	0.045%
47	5.872	5.855	5.907	VV	2447	49341	0.48%	0.024%
48	5.938	5.907	5.964	VV	1474	35410	0.35%	0.018%
49	5.973	5.964	5.990	VV	652	7722	0.08%	0.004%
50	5.997	5.990	6.008	VV	560	4300	0.04%	0.002%
51	6.019	6.008	6.023	VV	471	2723	0.03%	0.001%
52	6.028	6.023	6.045	VV	418	4213	0.04%	0.002%
53	6.054	6.045	6.058	VV	468	3046	0.03%	0.002%
54	6.065	6.058	6.070	VV	486	3555	0.03%	0.002%
55	6.072	6.070	6.103	VV	590	9105	0.09%	0.005%
56	6.140	6.103	6.193	VV	67007	710905	6.96%	0.351%
57	6.200	6.193	6.205	VV	605	3527	0.03%	0.002%
58	6.221	6.205	6.243	VV	1759	21706	0.21%	0.011%
59	6.261	6.243	6.274	VV	912	10752	0.11%	0.005%
60	6.291	6.274	6.310	VV	3067	35997	0.35%	0.018%
61	6.324	6.310	6.347	VV	1046	12714	0.12%	0.006%
62	6.362	6.347	6.399	VV	1716	21006	0.21%	0.010%
63	6.404	6.399	6.429	VV	348	4618	0.05%	0.002%
64	6.461	6.429	6.466	VV	514	6657	0.07%	0.003%
65	6.472	6.466	6.491	VV	361	3290	0.03%	0.002%
66	6.502	6.491	6.526	VV	403	5043	0.05%	0.002%
67	6.547	6.536	6.552	VV	237	1204	0.01%	0.001%
68	6.577	6.552	6.612	VV	1315	17042	0.17%	0.008%
69	6.631	6.612	6.641	VV	1693	18622	0.18%	0.009%
70	6.658	6.641	6.692	VV	15464	194307	1.90%	0.096%
71	6.700	6.692	6.711	VV	1758	18601	0.18%	0.009%
72	6.739	6.711	6.851	VV	679171	7383052	72.31%	3.649%
73	6.854	6.851	6.881	VV	2477	33866	0.33%	0.017%
74	6.887	6.881	6.891	VV	1471	8334	0.08%	0.004%
75	6.913	6.891	6.949	VV	7638	108444	1.06%	0.054%
76	6.991	6.949	7.011	VV	3213	74290	0.73%	0.037%
77	7.023	7.011	7.037	VV	2116	29343	0.29%	0.015%
78	7.058	7.037	7.082	VV	2231	44437	0.44%	0.022%
79	7.088	7.082	7.096	VV	906	7281	0.07%	0.004%
80	7.117	7.096	7.129	VV	1542	21709	0.21%	0.011%
81	7.145	7.129	7.174	VV	1799	28489	0.28%	0.014%
82	7.177	7.174	7.190	VV	523	3784	0.04%	0.002%
83	7.197	7.190	7.201	VV	451	2479	0.02%	0.001%
84	7.207	7.201	7.216	VV	518	3999	0.04%	0.002%
85	7.232	7.216	7.250	VV	1040	14345	0.14%	0.007%
86	7.256	7.250	7.269	VV	605	6331	0.06%	0.003%
87	7.272	7.269	7.291	VV	581	4459	0.04%	0.002%
88	7.315	7.291	7.328	VV	2492	28344	0.28%	0.014%
89	7.352	7.328	7.504	VV	801757	8084590	79.18%	3.996%

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90	7.514	7.504	7.539	VV	1114	19282	0.19%	0.010%
91	7.544	7.539	7.565	VV	777	10551	0.10%	0.005%
92	7.578	7.565	7.595	VV	802	10909	0.11%	0.005%
93	7.621	7.595	7.665	VV	1518	23244	0.23%	0.011%
94	7.678	7.665	7.691	VV	391	2936	0.03%	0.001%
95	7.702	7.691	7.737	VV	451	6081	0.06%	0.003%
96	7.750	7.737	7.774	PV	306	2740	0.03%	0.001%
97	7.792	7.785	7.803	PV	215	1206	0.01%	0.001%
98	7.832	7.803	7.851	VV	452	6992	0.07%	0.003%
99	7.859	7.851	7.873	VV	421	3328	0.03%	0.002%
100	7.918	7.873	7.959	VV	72554	765234	7.49%	0.378%
101	7.966	7.959	7.978	VV	423	4020	0.04%	0.002%
102	8.005	7.978	8.100	VV	851882	8632702	84.55%	4.267%
103	8.113	8.100	8.135	VV	1710	25024	0.25%	0.012%
104	8.148	8.135	8.177	VV	1404	20232	0.20%	0.010%
105	8.203	8.177	8.273	VV	503940	5226608	51.19%	2.583%
106	8.300	8.273	8.374	VV	912589	9249942	90.59%	4.572%
107	8.375	8.374	8.398	VV	3521	39746	0.39%	0.020%
108	8.407	8.398	8.440	VV	2046	46801	0.46%	0.023%
109	8.458	8.440	8.492	VV	2464	56965	0.56%	0.028%
110	8.497	8.492	8.504	VV	841	5350	0.05%	0.003%
111	8.516	8.504	8.540	VV	1431	19998	0.20%	0.010%
112	8.564	8.540	8.597	VV	1002	22135	0.22%	0.011%
113	8.636	8.597	8.712	VV	80870	885631	8.67%	0.438%
114	8.745	8.712	8.786	VV	5378	105642	1.03%	0.052%
115	8.819	8.786	8.850	VV	1807	37017	0.36%	0.018%
116	8.871	8.850	8.898	VV	888	13799	0.14%	0.007%
117	8.908	8.898	8.921	VV	423	3912	0.04%	0.002%
118	8.946	8.921	8.957	VV	673	10071	0.10%	0.005%
119	8.961	8.957	8.970	VV	561	3299	0.03%	0.002%
120	8.974	8.970	8.990	VV	413	3165	0.03%	0.002%
121	9.018	8.999	9.026	VV	804	9065	0.09%	0.004%
122	9.032	9.026	9.037	VV	779	4178	0.04%	0.002%
123	9.041	9.037	9.051	VV	778	4913	0.05%	0.002%
124	9.079	9.051	9.222	VV	893730	9456631	92.62%	4.674%
125	9.236	9.222	9.269	VV	1541	31863	0.31%	0.016%
126	9.314	9.269	9.370	VV	8137	183643	1.80%	0.091%
127	9.386	9.370	9.478	VV	15973	356742	3.49%	0.176%
128	9.506	9.478	9.553	VV	75343	848602	8.31%	0.419%
129	9.557	9.553	9.569	VV	789	6282	0.06%	0.003%
130	9.592	9.569	9.641	VV	976	29599	0.29%	0.015%
131	9.649	9.641	9.670	VV	490	4976	0.05%	0.002%
132	9.685	9.670	9.707	VV	401	5380	0.05%	0.003%
133	9.779	9.730	9.796	PV	561	13417	0.13%	0.007%
134	9.822	9.796	9.843	VV	980	16641	0.16%	0.008%
135	9.857	9.843	9.863	VV	375	3626	0.04%	0.002%
136	9.877	9.863	9.885	VV	641	6582	0.06%	0.003%
137	9.900	9.885	9.915	VV	939	12077	0.12%	0.006%
138	9.932	9.915	9.957	VV	973	16847	0.16%	0.008%
139	9.976	9.957	9.989	VV	517	8146	0.08%	0.004%
140	10.010	9.989	10.036	VV	1599	19088	0.19%	0.009%
141	10.049	10.036	10.057	VV	322	3092	0.03%	0.002%

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142	10.060	10.057	10.072	VV	316	2204	0.02%	0.001%
143	10.097	10.072	10.119	VV	870	16240	0.16%	0.008%
144	10.131	10.119	10.158	VV	927	12583	0.12%	0.006%
145	10.173	10.158	10.204	VV	1017	16348	0.16%	0.008%
146	10.241	10.204	10.245	VV	1242	19318	0.19%	0.010%
147	10.250	10.245	10.270	VV	1326	14116	0.14%	0.007%
148	10.288	10.270	10.294	VV	5085	44328	0.43%	0.022%
149	10.301	10.294	10.343	VV	4770	90742	0.89%	0.045%
150	10.362	10.343	10.402	VV	2787	46194	0.45%	0.023%
151	10.468	10.402	10.515	VV	919186	9737893	95.37%	4.813%
152	10.543	10.515	10.649	VV	826412	9821537	96.19%	4.854%
153	10.655	10.649	10.735	VV	5155	158646	1.55%	0.078%
154	10.739	10.735	10.745	VV	1684	9348	0.09%	0.005%
155	10.751	10.745	10.787	VV	1663	31644	0.31%	0.016%
156	10.802	10.787	10.847	VV	1009	26408	0.26%	0.013%
157	10.850	10.847	10.856	VV	666	3532	0.03%	0.002%
158	10.873	10.856	10.886	VV	1434	18259	0.18%	0.009%
159	10.891	10.886	10.900	VV	1164	8827	0.09%	0.004%
160	10.937	10.900	10.976	VV	74543	880787	8.63%	0.435%
161	10.993	10.976	11.007	VV	990	15777	0.15%	0.008%
162	11.028	11.007	11.088	VV	1310	34538	0.34%	0.017%
163	11.093	11.088	11.105	VV	424	2973	0.03%	0.001%
164	11.119	11.105	11.126	VV	366	3726	0.04%	0.002%
165	11.134	11.126	11.140	VV	371	2645	0.03%	0.001%
166	11.152	11.140	11.175	VV	460	6598	0.06%	0.003%
167	11.179	11.175	11.187	VV	226	1405	0.01%	0.001%
168	11.234	11.200	11.309	PV	478016	5197562	50.90%	2.569%
169	11.323	11.309	11.340	VV	1206	18645	0.18%	0.009%
170	11.343	11.340	11.364	VV	803	9899	0.10%	0.005%
171	11.372	11.364	11.378	VV	984	6608	0.06%	0.003%
172	11.407	11.378	11.435	VV	1922	37632	0.37%	0.019%
173	11.443	11.435	11.457	VV	448	4843	0.05%	0.002%
174	11.463	11.457	11.475	VV	340	3115	0.03%	0.002%
175	11.509	11.475	11.513	VV	1111	17109	0.17%	0.008%
176	11.522	11.513	11.552	VV	1204	24381	0.24%	0.012%
177	11.561	11.552	11.576	VV	1182	15808	0.15%	0.008%
178	11.588	11.576	11.616	VV	1425	27110	0.27%	0.013%
179	11.629	11.616	11.635	VV	827	8822	0.09%	0.004%
180	11.661	11.635	11.694	VV	7342	100043	0.98%	0.049%
181	11.705	11.694	11.721	VV	574	7697	0.08%	0.004%
182	11.731	11.721	11.749	VV	827	11893	0.12%	0.006%
183	11.755	11.749	11.779	VV	959	12231	0.12%	0.006%
184	11.816	11.779	11.837	VV	1893	42894	0.42%	0.021%
185	11.857	11.837	11.920	VV	27368	392477	3.84%	0.194%
186	11.932	11.920	11.959	VV	1876	34073	0.33%	0.017%
187	11.974	11.959	11.996	VV	1358	24934	0.24%	0.012%
188	12.009	11.996	12.035	VV	1284	24418	0.24%	0.012%
189	12.037	12.035	12.046	VV	929	4808	0.05%	0.002%
190	12.103	12.046	12.135	VV	7193	127813	1.25%	0.063%
191	12.147	12.135	12.159	VV	773	8543	0.08%	0.004%
192	12.179	12.159	12.196	VV	2052	26567	0.26%	0.013%
193	12.238	12.196	12.248	VV	76301	831869	8.15%	0.411%
194	12.273	12.248	12.417	VV	852748	10210561	100.00%	5.046%

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195	12.419	12.417	12.425	VV	779	3495	0.03%	0.002%
196	12.440	12.425	12.448	VV	855	11371	0.11%	0.006%
197	12.468	12.448	12.515	VV	7122	103350	1.01%	0.051%
198	12.518	12.515	12.532	VV	803	7169	0.07%	0.004%
199	12.566	12.532	12.631	VV	865346	9902740	96.99%	4.894%
200	12.676	12.631	12.730	VV	94615	1298259	12.71%	0.642%
201	12.736	12.730	12.792	VV	1642	42454	0.42%	0.021%
202	12.846	12.792	12.885	VV	69040	849874	8.32%	0.420%
203	12.910	12.885	12.944	VV	4519	73734	0.72%	0.036%
204	12.961	12.944	12.969	VV	927	11854	0.12%	0.006%
205	12.974	12.969	12.977	VV	822	3842	0.04%	0.002%
206	12.989	12.977	13.007	VV	939	13626	0.13%	0.007%
207	13.012	13.007	13.016	VV	695	3494	0.03%	0.002%
208	13.042	13.016	13.062	VV	1107	24265	0.24%	0.012%
209	13.084	13.062	13.154	VV	9048	187617	1.84%	0.093%
210	13.161	13.154	13.168	VV	949	6925	0.07%	0.003%
211	13.176	13.168	13.216	VV	1013	21493	0.21%	0.011%
212	13.224	13.216	13.239	VV	725	8146	0.08%	0.004%
213	13.260	13.239	13.265	VV	918	12031	0.12%	0.006%
214	13.269	13.265	13.284	VV	825	8548	0.08%	0.004%
215	13.291	13.284	13.297	VV	823	5566	0.05%	0.003%
216	13.303	13.297	13.315	VV	782	6736	0.07%	0.003%
217	13.336	13.315	13.348	VV	839	12204	0.12%	0.006%
218	13.383	13.348	13.402	VV	2198	40734	0.40%	0.020%
219	13.429	13.402	13.476	VV	68084	826651	8.10%	0.409%
220	13.484	13.476	13.506	VV	417	6082	0.06%	0.003%
221	13.536	13.506	13.543	VV	467	7707	0.08%	0.004%
222	13.550	13.543	13.560	VV	326	2244	0.02%	0.001%
223	13.574	13.570	13.587	VV	254	1198	0.01%	0.001%
224	13.601	13.593	13.606	VV	227	1141	0.01%	0.001%
225	13.621	13.613	13.645	PV	96	1363	0.01%	0.001%
226	13.662	13.652	13.668	VV	326	1699	0.02%	0.001%
227	13.686	13.675	13.694	VV	308	2352	0.02%	0.001%
228	13.700	13.694	13.712	VV	279	1992	0.02%	0.001%
229	13.722	13.712	13.733	VV	292	2331	0.02%	0.001%
230	13.743	13.733	13.752	VV	196	1655	0.02%	0.001%
231	13.761	13.752	13.765	VV	288	1903	0.02%	0.001%
232	13.771	13.765	13.795	VV	412	4892	0.05%	0.002%
233	13.799	13.795	13.806	VV	293	1486	0.01%	0.001%
234	13.828	13.806	13.835	VV	532	5605	0.05%	0.003%
235	13.868	13.835	13.896	VV	1781	35299	0.35%	0.017%
236	13.900	13.896	13.929	VV	442	6777	0.07%	0.003%
237	13.959	13.929	13.975	PV	374	5501	0.05%	0.003%
238	13.992	13.975	14.012	VV	364	4836	0.05%	0.002%
239	14.024	14.012	14.042	VV	292	3511	0.03%	0.002%
240	14.047	14.042	14.051	VV	222	1088	0.01%	0.001%
241	14.057	14.051	14.068	VV	476	2482	0.02%	0.001%
242	14.092	14.068	14.113	VV	534	9723	0.10%	0.005%
243	14.128	14.113	14.140	VV	723	8637	0.08%	0.004%
244	14.156	14.140	14.167	VV	685	8714	0.09%	0.004%
245	14.171	14.167	14.179	VV	474	3369	0.03%	0.002%
246	14.190	14.179	14.199	VV	635	5945	0.06%	0.003%

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247	14.201	14.199	14.207	VV	547	2494	0.02%	0.001%
248	14.211	14.207	14.234	VV	560	6331	0.06%	0.003%
249	14.246	14.234	14.271	VV	563	8422	0.08%	0.004%
250	14.301	14.271	14.319	VV	725	14645	0.14%	0.007%
251	14.330	14.319	14.358	VV	770	13114	0.13%	0.006%
252	14.371	14.358	14.387	VV	495	7583	0.07%	0.004%
253	14.392	14.387	14.399	VV	464	2475	0.02%	0.001%
254	14.437	14.399	14.455	VV	753429	9421292	92.27%	4.656%
255	14.479	14.455	14.507	VV	755607	9223421	90.33%	4.559%
256	14.525	14.507	14.666	VV	81419	1467633	14.37%	0.725%
257	14.670	14.666	14.676	VV	1500	7995	0.08%	0.004%
258	14.698	14.676	14.735	VV	1845	47661	0.47%	0.024%
259	14.740	14.735	14.764	VV	1034	14225	0.14%	0.007%
260	14.769	14.764	14.789	VV	757	9427	0.09%	0.005%
261	14.798	14.789	14.816	VV	620	8364	0.08%	0.004%
262	14.832	14.816	14.853	VV	783	13629	0.13%	0.007%
263	14.867	14.853	14.871	VV	681	6814	0.07%	0.003%
264	14.903	14.871	14.975	VV	14292	272159	2.67%	0.135%
265	14.981	14.975	15.017	VV	1413	28794	0.28%	0.014%
266	15.060	15.017	15.081	VV	2602	53162	0.52%	0.026%
267	15.087	15.081	15.096	VV	737	5700	0.06%	0.003%
268	15.105	15.096	15.120	VV	716	5931	0.06%	0.003%
269	15.126	15.120	15.137	VV	302	1937	0.02%	0.001%
270	15.147	15.137	15.165	VV	315	3066	0.03%	0.002%
271	15.175	15.165	15.185	VV	413	3612	0.04%	0.002%
272	15.242	15.185	15.260	VV	1271	28512	0.28%	0.014%
273	15.264	15.260	15.274	VV	664	4142	0.04%	0.002%
274	15.275	15.274	15.286	VV	493	2798	0.03%	0.001%
275	15.288	15.286	15.295	VV	401	1705	0.02%	0.001%
276	15.319	15.295	15.327	VV	506	7068	0.07%	0.003%
277	15.338	15.327	15.345	VV	665	5002	0.05%	0.002%
278	15.352	15.345	15.357	VV	639	4055	0.04%	0.002%
279	15.361	15.357	15.368	VV	621	3422	0.03%	0.002%
280	15.388	15.368	15.394	VV	734	9750	0.10%	0.005%
281	15.397	15.394	15.408	VV	869	5906	0.06%	0.003%
282	15.420	15.408	15.467	VV	819	24666	0.24%	0.012%
283	15.504	15.467	15.512	VV	1496	23618	0.23%	0.012%
284	15.542	15.512	15.576	VV	59045	774946	7.59%	0.383%
285	15.584	15.576	15.618	VV	716	13705	0.13%	0.007%
286	15.633	15.618	15.654	VV	450	5322	0.05%	0.003%
287	15.660	15.654	15.678	VV	237	1702	0.02%	0.001%
288	15.699	15.678	15.745	VV	1497	21848	0.21%	0.011%
289	15.747	15.745	15.777	VV	327	3844	0.04%	0.002%
290	15.784	15.777	15.793	VV	436	2429	0.02%	0.001%
291	15.805	15.793	15.813	VV	341	2646	0.03%	0.001%
292	15.827	15.813	15.856	VV	465	7662	0.08%	0.004%
293	15.863	15.856	15.874	VV	241	2324	0.02%	0.001%
294	15.913	15.874	15.949	VV	1507	34267	0.34%	0.017%
295	15.987	15.949	16.001	VV	709435	9405943	92.12%	4.649%
296	16.022	16.001	16.084	VV	779727	9614362	94.16%	4.752%
297	16.099	16.084	16.137	VV	6515	135808	1.33%	0.067%
298	16.141	16.137	16.174	VV	2011	38155	0.37%	0.019%
299	16.180	16.174	16.186	VV	1603	11122	0.11%	0.005%

rterres							
300	16.191	16.186	16.205	VV	1655	17622	0.17% 0.009%
301	16.220	16.205	16.248	VV	1716	38866	0.38% 0.019%
302	16.266	16.248	16.299	VV	3050	55816	0.55% 0.028%
303	16.302	16.299	16.314	VV	1126	8630	0.08% 0.004%
304	16.362	16.314	16.458	VV	658504	9102311	89.15% 4.499%
305	16.485	16.458	16.512	VV	63370	924994	9.06% 0.457%
306	16.528	16.512	16.561	VV	10257	168263	1.65% 0.083%
307	16.565	16.561	16.617	VV	2021	51064	0.50% 0.025%
308	16.622	16.617	16.657	VV	1167	23795	0.23% 0.012%
309	16.665	16.657	16.675	VV	845	8655	0.08% 0.004%
310	16.681	16.675	16.683	VV	740	3579	0.04% 0.002%
311	16.697	16.683	16.718	VV	996	17435	0.17% 0.009%
312	16.723	16.718	16.725	VV	769	3414	0.03% 0.002%
313	16.730	16.725	16.737	VV	818	5004	0.05% 0.002%
314	16.739	16.737	16.750	VV	708	4898	0.05% 0.002%
315	16.753	16.750	16.765	VV	781	5759	0.06% 0.003%
316	16.795	16.765	16.828	VV	1794	42802	0.42% 0.021%
317	16.855	16.828	16.900	VV	1463	43524	0.43% 0.022%
318	16.932	16.900	16.997	VV	2508	67778	0.66% 0.033%
319	17.012	16.997	17.044	VV	989	23107	0.23% 0.011%
320	17.049	17.044	17.078	VV	931	16940	0.17% 0.008%
321	17.083	17.078	17.096	VV	843	7437	0.07% 0.004%
322	17.113	17.096	17.125	VV	884	13431	0.13% 0.007%
323	17.144	17.125	17.154	VV	860	13634	0.13% 0.007%
324	17.164	17.154	17.181	VV	1187	15224	0.15% 0.008%
325	17.185	17.181	17.191	VV	902	5378	0.05% 0.003%
326	17.198	17.191	17.207	VV	956	8053	0.08% 0.004%
327	17.234	17.207	17.241	VV	1132	20298	0.20% 0.010%
328	17.256	17.241	17.288	VV	1546	35348	0.35% 0.017%
329	17.293	17.288	17.312	VV	1234	15198	0.15% 0.008%
330	17.370	17.312	17.407	VV	56292	802346	7.86% 0.397%
331	17.414	17.407	17.424	VV	1160	9965	0.10% 0.005%
332	17.457	17.424	17.486	VV	3058	64042	0.63% 0.032%
333	17.497	17.486	17.513	VV	1082	16320	0.16% 0.008%
334	17.519	17.513	17.545	VV	1046	17432	0.17% 0.009%
335	17.572	17.545	17.590	VV	1071	24613	0.24% 0.012%
336	17.618	17.590	17.638	VV	1038	26047	0.26% 0.013%
337	17.663	17.638	17.677	VV	1240	25906	0.25% 0.013%
338	17.734	17.677	17.746	VV	646147	8963404	87.79% 4.430%
339	17.767	17.746	17.943	VV	585316	9337294	91.45% 4.615%
340	17.984	17.943	18.154	VV	596885	9344801	91.52% 4.619%
341	18.195	18.154	18.229	VV	55883	887184	8.69% 0.438%
342	18.236	18.229	18.262	VV	3659	66226	0.65% 0.033%
343	18.297	18.262	18.300	VBA	4578	84196	0.82% 0.042%
Sum of corrected areas:					202333013		

Aromatic EPH 021125.M Sat Mar 01 04:02:09 2025

Manual Integration Report

Sequence:	FC022525AL	Instrument	FID_c
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB166863BS	FC068297.D	n-Dotriacontane (C32)	yogesh	3/5/2025 7:49:04 AM	Ankita	3/5/2025 9:16:08	Peak Integrated by Software
PB166863BS	FC068297.D	n-Tricontane (C30)	yogesh	3/5/2025 7:49:04 AM	Ankita	3/5/2025 9:16:08	Peak Integrated by Software
PB166863BSD	FC068298.D	n-Dotriacontane (C32)	yogesh	3/5/2025 7:49:05 AM	Ankita	3/5/2025 9:16:10	Peak Integrated by Software
PB166863BSD	FC068298.D	n-Tricontane (C30)	yogesh	3/5/2025 7:49:05 AM	Ankita	3/5/2025 9:16:10	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC068302.D	n-Dotriacontane (C32)	yogesh	3/5/2025 7:49:07 AM	Ankita	3/5/2025 9:16:11	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC068302.D	n-Tricontane (C30)	yogesh	3/5/2025 7:49:07 AM	Ankita	3/5/2025 9:16:11	Peak Integrated by Software

Manual Integration Report

Sequence:

FC022825AL

Instrument

FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1447-01	FC068339.D	1-chlorooctadecane (SURR)	yogesh	3/5/2025 7:49:39 AM	Ankita	3/5/2025 9:17:04	Peak Integrated by Software

Manual Integration Report

Sequence:

FD021125AR

Instrument

FID_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM AROMATIC HC	FD049077.D	Indeno[1,2,3-cd]pyrene (C35.01)	yogesh	2/11/2025 7:39:10 AM	Ankita	2/11/2025 9:13:40	Peak Integrated by Software
20 PPM AROMATIC HC	FD049079.D	Indeno[1,2,3-cd]pyrene (C35.01)	yogesh	2/11/2025 7:39:12 AM	Ankita	2/11/2025 9:13:41	Peak Integrated by Software

Manual Integration Report

Sequence:

FD022525AR

Instrument

FID_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB166863BSD	FD049103.D	Indeno[1,2,3-cd]pyrene (C35.01)	yogesh	2/26/2025 8:35:49 AM	Ankita	2/26/2025 9:12:19	Peak Integrated by Software

Manual Integration Report

Sequence:	FD022825AR	Instrument	FID_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM AROMATIC HC	FD049129.D	Indeno[1,2,3-cd]pyrene (C35.01)	yogesh	3/3/2025 8:01:30 AM	Ankita	3/4/2025 12:54:35	Peak Integrated by Software
Q1421-01D	FD049141.D	2-Fluorobiphenyl (SURR)	yogesh	3/3/2025 8:01:31 AM	Ankita	3/4/2025 12:54:36	Peak Integrated by Software

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC021125AL

Review By	yogesh	Review On	2/10/2025 4:11:01 PM
Supervise By	Ankita	Supervise On	2/11/2025 9:13:33 AM
SubDirectory	FC021125AL	HP Acquire Method	HP Processing Method FC021125AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC068250.D	10 Feb 2025 15:12	YP/AJ	Ok
2	I.BLK	FC068251.D	10 Feb 2025 15:48	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC068252.D	10 Feb 2025 16:24	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC068253.D	10 Feb 2025 17:01	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC068254.D	10 Feb 2025 17:38	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC068255.D	10 Feb 2025 18:14	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC068256.D	10 Feb 2025 18:50	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC068257.D	10 Feb 2025 19:26	YP/AJ	Ok
9	I.BLK	FC068258.D	10 Feb 2025 20:39	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC068259.D	10 Feb 2025 21:16	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC022525AL

Review By	yogesh	Review On	2/25/2025 12:19:25 PM
Supervise By	Ankita	Supervise On	2/26/2025 9:03:48 AM
SubDirectory	FC022525AL	HP Acquire Method	HP Processing Method FC021125AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC068293.D	25 Feb 2025 09:16	YP/AJ	Ok
2	I.BLK	FC068294.D	25 Feb 2025 10:06	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC068295.D	25 Feb 2025 11:30	YP/AJ	Ok
4	PB166863BL	FC068296.D	25 Feb 2025 15:47	YP/AJ	Ok
5	PB166863BS	FC068297.D	25 Feb 2025 16:23	YP/AJ	Ok,M
6	PB166863BSD	FC068298.D	25 Feb 2025 16:59	YP/AJ	Ok,M
7	Q1415-05	FC068299.D	25 Feb 2025 17:36	YP/AJ	Ok
8	Q1415-06	FC068300.D	25 Feb 2025 18:13	YP/AJ	Ok
9	I.BLK	FC068301.D	25 Feb 2025 18:49	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC068302.D	25 Feb 2025 19:26	YP/AJ	Ok,M

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC022825AL

Review By	yogesh	Review On	2/28/2025 11:41:16 AM
Supervise By	Ankita	Supervise On	3/4/2025 12:54:27 PM
SubDirectory	FC022825AL	HP Acquire Method	HP Processing Method FC021125AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC068319.D	28 Feb 2025 09:10	YP/AJ	Ok
2	I.BLK	FC068320.D	28 Feb 2025 09:46	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC068321.D	28 Feb 2025 10:23	YP/AJ	Ok
4	PB166923BL	FC068322.D	28 Feb 2025 11:00	YP/AJ	Ok
5	PB166923BS	FC068323.D	28 Feb 2025 11:37	YP/AJ	Ok
6	PB166923BSD	FC068324.D	28 Feb 2025 12:13	YP/AJ	Ok
7	Q1415-01	FC068325.D	28 Feb 2025 12:50	YP/AJ	Ok
8	Q1415-02	FC068326.D	28 Feb 2025 13:26	YP/AJ	Ok
9	Q1415-03	FC068327.D	28 Feb 2025 14:03	YP/AJ	Ok
10	Q1415-04	FC068328.D	28 Feb 2025 14:40	YP/AJ	Ok
11	Q1421-07	FC068329.D	28 Feb 2025 15:16	YP/AJ	Ok
12	I.BLK	FC068330.D	28 Feb 2025 15:53	YP/AJ	Ok
13	20 PPM ALIPHATIC HC STD	FC068331.D	28 Feb 2025 16:30	YP/AJ	Ok
14	Q1421-01	FC068332.D	28 Feb 2025 17:44	YP/AJ	Ok
15	Q1421-01D	FC068333.D	28 Feb 2025 18:20	YP/AJ	Ok
16	Q1421-02	FC068334.D	28 Feb 2025 18:56	YP/AJ	Ok
17	Q1421-03	FC068335.D	28 Feb 2025 19:32	YP/AJ	Ok
18	Q1421-09	FC068336.D	28 Feb 2025 20:09	YP/AJ	Ok
19	Q1422-01	FC068337.D	28 Feb 2025 20:46	YP/AJ	Ok
20	Q1422-02	FC068338.D	28 Feb 2025 21:22	YP/AJ	Ok
21	Q1447-01	FC068339.D	28 Feb 2025 21:59	YP/AJ	Dilution

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC022825AL

Review By	yogesh	Review On	2/28/2025 11:41:16 AM
Supervise By	Ankita	Supervise On	3/4/2025 12:54:27 PM
SubDirectory	FC022825AL	HP Acquire Method	HP Processing Method FC021125AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

22	I.BLK	FC068340.D	28 Feb 2025 23:13	YP/AJ	Ok
23	20 PPM ALIPHATIC HC STD	FC068341.D	28 Feb 2025 23:50	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD021125AR

Review By	yogesh	Review On	2/10/2025 4:12:05 PM
Supervise By	Ankita	Supervise On	2/11/2025 9:13:44 AM
SubDirectory	FD021125AR	HP Acquire Method	HP Processing Method FD021125AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23968,PP23970,PP23971,PP23972,PP23973		
CCC Internal Standard/PEM	PP23971		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23969,PP23974		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FD049070.D	10 Feb 2025 12:09	YP/AJ	Ok
2	I.BLK	FD049071.D	10 Feb 2025 12:45	YP/AJ	Ok
3	100 PPM AROMATIC HC STD1	FD049072.D	10 Feb 2025 13:22	YP/AJ	Ok
4	50 PPM AROMATIC HC STD2	FD049073.D	10 Feb 2025 13:58	YP/AJ	Ok
5	20 PPM AROMATIC HC STD3	FD049074.D	10 Feb 2025 14:35	YP/AJ	Ok
6	10 PPM AROMATIC HC STD4	FD049075.D	10 Feb 2025 15:12	YP/AJ	Ok
7	5 PPM AROMATIC HC STD5	FD049076.D	10 Feb 2025 15:48	YP/AJ	Ok
8	20 PPM AROMATIC HC STD ICV	FD049077.D	10 Feb 2025 16:24	YP/AJ	Ok,M
9	I.BLK	FD049078.D	10 Feb 2025 17:01	YP/AJ	Ok
10	20 PPM AROMATIC HC STD	FD049079.D	10 Feb 2025 17:38	YP/AJ	Ok,M

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD022525AR

Review By	yogesh	Review On	2/25/2025 12:20:16 PM
Supervise By	Ankita	Supervise On	2/26/2025 9:12:22 AM
SubDirectory	FD022525AR	HP Acquire Method	HP Processing Method FD021125AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23968,PP23970,PP23971,PP23972,PP23973		
CCC Internal Standard/PEM	PP23971		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23969,PP24199		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FD049098.D	25 Feb 2025 09:16	YP/AJ	Ok
2	I.BLK	FD049099.D	25 Feb 2025 10:06	YP/AJ	Ok
3	20 PPM AROMATIC HC STD	FD049100.D	25 Feb 2025 11:30	YP/AJ	Ok
4	PB166863BL	FD049101.D	25 Feb 2025 15:47	YP/AJ	Ok
5	PB166863BS	FD049102.D	25 Feb 2025 16:23	YP/AJ	Ok
6	PB166863BSD	FD049103.D	25 Feb 2025 16:59	YP/AJ	Ok,M
7	Q1415-05	FD049104.D	25 Feb 2025 17:36	YP/AJ	Ok
8	Q1415-06	FD049105.D	25 Feb 2025 18:13	YP/AJ	Ok
9	I.BLK	FD049106.D	25 Feb 2025 18:49	YP/AJ	Ok
10	20 PPM AROMATIC HC STD	FD049107.D	25 Feb 2025 19:26	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD022825AR

Review By	yogesh	Review On	2/28/2025 11:42:15 AM
Supervise By	Ankita	Supervise On	3/4/2025 12:54:39 PM
SubDirectory	FD022825AR	HP Acquire Method	HP Processing Method FD021125AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23968,PP23970,PP23971,PP23972,PP23973		
CCC Internal Standard/PEM	PP23971		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23969,PP24199		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FD049127.D	28 Feb 2025 09:10	YP/AJ	Ok
2	I.BLK	FD049128.D	28 Feb 2025 09:46	YP/AJ	Ok
3	20 PPM AROMATIC HC STD	FD049129.D	28 Feb 2025 10:23	YP/AJ	Ok,M
4	PB166923BL	FD049130.D	28 Feb 2025 11:00	YP/AJ	Ok
5	PB166923BS	FD049131.D	28 Feb 2025 11:37	YP/AJ	Ok
6	PB166923BSD	FD049132.D	28 Feb 2025 12:13	YP/AJ	Ok
7	Q1415-01	FD049133.D	28 Feb 2025 12:50	YP/AJ	Ok
8	Q1415-02	FD049134.D	28 Feb 2025 13:26	YP/AJ	Ok
9	Q1415-03	FD049135.D	28 Feb 2025 14:03	YP/AJ	Ok
10	Q1415-04	FD049136.D	28 Feb 2025 14:40	YP/AJ	Ok
11	Q1421-07	FD049137.D	28 Feb 2025 15:16	YP/AJ	Ok
12	I.BLK	FD049138.D	28 Feb 2025 15:53	YP/AJ	Ok
13	20 PPM AROMATIC HC STD	FD049139.D	28 Feb 2025 16:30	YP/AJ	Ok
14	Q1421-01	FD049140.D	28 Feb 2025 17:44	YP/AJ	Ok
15	Q1421-01D	FD049141.D	28 Feb 2025 18:20	YP/AJ	Ok,M
16	Q1421-02	FD049142.D	28 Feb 2025 18:56	YP/AJ	Ok
17	Q1421-03	FD049143.D	28 Feb 2025 19:32	YP/AJ	Ok
18	Q1421-09	FD049144.D	28 Feb 2025 20:09	YP/AJ	Ok
19	Q1422-01	FD049145.D	28 Feb 2025 20:46	YP/AJ	Ok
20	Q1422-02	FD049146.D	28 Feb 2025 21:22	YP/AJ	Ok
21	Q1447-01	FD049147.D	28 Feb 2025 21:59	YP/AJ	Dilution

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD022825AR

Review By	yogesh	Review On	2/28/2025 11:42:15 AM
Supervise By	Ankita	Supervise On	3/4/2025 12:54:39 PM
SubDirectory	FD022825AR	HP Acquire Method	HP Processing Method FD021125AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23968,PP23970,PP23971,PP23972,PP23973		
CCC	PP23971		
Internal Standard/PEM			
ICV/I.BLK	PP23969,PP24199		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	I.BLK	FD049148.D	28 Feb 2025 23:13	YP/AJ	Ok
23	20 PPM AROMATIC HC STD	FD049149.D	28 Feb 2025 23:50	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC021125AL

Review By	yogesh	Review On	2/10/2025 4:11:01 PM
Supervise By	Ankita	Supervise On	2/11/2025 9:13:33 AM
SubDirectory	FC021125AL	HP Acquire Method	HP Processing Method FC021125AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC	PP24176		
Internal Standard/PEM	PP24174,PP24179		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC068250.D	10 Feb 2025 15:12		YP/AJ	Ok
2	I.BLK	I.BLK	FC068251.D	10 Feb 2025 15:48		YP/AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FC068252.D	10 Feb 2025 16:24		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC068253.D	10 Feb 2025 17:01		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068254.D	10 Feb 2025 17:38		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC068255.D	10 Feb 2025 18:14		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC068256.D	10 Feb 2025 18:50		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068257.D	10 Feb 2025 19:26		YP/AJ	Ok
9	I.BLK	I.BLK	FC068258.D	10 Feb 2025 20:39		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068259.D	10 Feb 2025 21:16		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC022525AL

Review By	yogesh	Review On	2/25/2025 12:19:25 PM
Supervise By	Ankita	Supervise On	2/26/2025 9:03:48 AM
SubDirectory	FC022525AL	HP Acquire Method	HP Processing Method FC021125AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC	PP24176		
Internal Standard/PEM	PP24174,PP24179		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC068293.D	25 Feb 2025 09:16		YP/AJ	Ok
2	I.BLK	I.BLK	FC068294.D	25 Feb 2025 10:06		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068295.D	25 Feb 2025 11:30		YP/AJ	Ok
4	PB166863BL	PB166863BL	FC068296.D	25 Feb 2025 15:47		YP/AJ	Ok
5	PB166863BS	PB166863BS	FC068297.D	25 Feb 2025 16:23		YP/AJ	Ok,M
6	PB166863BSD	PB166863BSD	FC068298.D	25 Feb 2025 16:59		YP/AJ	Ok,M
7	Q1415-05	FB02222025	FC068299.D	25 Feb 2025 17:36		YP/AJ	Ok
8	Q1415-06	B-173-GW01	FC068300.D	25 Feb 2025 18:13		YP/AJ	Ok
9	I.BLK	I.BLK	FC068301.D	25 Feb 2025 18:49		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068302.D	25 Feb 2025 19:26		YP/AJ	Ok,M

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC022825AL

Review By	yogesh	Review On	2/28/2025 11:41:16 AM
Supervise By	Ankita	Supervise On	3/4/2025 12:54:27 PM
SubDirectory	FC022825AL	HP Acquire Method	HP Processing Method FC021125AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC	PP24176		
Internal Standard/PEM	PP24174,PP24179		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC068319.D	28 Feb 2025 09:10		YP/AJ	Ok
2	I.BLK	I.BLK	FC068320.D	28 Feb 2025 09:46		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068321.D	28 Feb 2025 10:23		YP/AJ	Ok
4	PB166923BL	PB166923BL	FC068322.D	28 Feb 2025 11:00		YP/AJ	Ok
5	PB166923BS	PB166923BS	FC068323.D	28 Feb 2025 11:37		YP/AJ	Ok
6	PB166923BSD	PB166923BSD	FC068324.D	28 Feb 2025 12:13		YP/AJ	Ok
7	Q1415-01	B-163-SB01	FC068325.D	28 Feb 2025 12:50		YP/AJ	Ok
8	Q1415-02	B-172-SB01	FC068326.D	28 Feb 2025 13:26		YP/AJ	Ok
9	Q1415-03	B-163-SB02	FC068327.D	28 Feb 2025 14:03		YP/AJ	Ok
10	Q1415-04	B-172-SB02	FC068328.D	28 Feb 2025 14:40		YP/AJ	Ok
11	Q1421-07	P001-CLAY-CF01-02	FC068329.D	28 Feb 2025 15:16		YP/AJ	Ok
12	I.BLK	I.BLK	FC068330.D	28 Feb 2025 15:53		YP/AJ	Ok
13	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068331.D	28 Feb 2025 16:30		YP/AJ	Ok
14	Q1421-01	P001-CLAY-CF01-01	FC068332.D	28 Feb 2025 17:44		YP/AJ	Ok
15	Q1421-01D	Q1421-01D	FC068333.D	28 Feb 2025 18:20		YP/AJ	Ok
16	Q1421-02	P001-CLAY-CF01-01M	FC068334.D	28 Feb 2025 18:56	FC068332.D	YP/AJ	Ok
17	Q1421-03	P001-CLAY-CF01-01M	FC068335.D	28 Feb 2025 19:32	FC068332.D!FC068334.D	YP/AJ	Ok
18	Q1421-09	P001-CLAY-CF02-01	FC068336.D	28 Feb 2025 20:09		YP/AJ	Ok

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC022825AL

Review By	yogesh	Review On	2/28/2025 11:41:16 AM
Supervise By	Ankita	Supervise On	3/4/2025 12:54:27 PM
SubDirectory	FC022825AL	HP Acquire Method	HP Processing Method FC021125AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

19	Q1422-01	B-154-SB01	FC068337.D	28 Feb 2025 20:46		YP/AJ	Ok
20	Q1422-02	B-154-SB02	FC068338.D	28 Feb 2025 21:22		YP/AJ	Ok
21	Q1447-01	WC1	FC068339.D	28 Feb 2025 21:59	need 10x & 100x dilution	YP/AJ	Dilution
22	I.BLK	I.BLK	FC068340.D	28 Feb 2025 23:13		YP/AJ	Ok
23	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068341.D	28 Feb 2025 23:50		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD021125AR

Review By	yogesh	Review On	2/10/2025 4:12:05 PM
Supervise By	Ankita	Supervise On	2/11/2025 9:13:44 AM
SubDirectory	FD021125AR	HP Acquire Method	HP Processing Method
			FD021125AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23968,PP23970,PP23971,PP23972,PP23973		
CCC	PP23971		
Internal Standard/PEM			
ICV/I.BLK	PP23969,PP23974		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FD049070.D	10 Feb 2025 12:09		YP/AJ	Ok
2	I.BLK	I.BLK	FD049071.D	10 Feb 2025 12:45		YP/AJ	Ok
3	100 PPM AROMATIC HC	100 PPM AROMATIC HC	FD049072.D	10 Feb 2025 13:22		YP/AJ	Ok
4	50 PPM AROMATIC HC	50 PPM AROMATIC HC	FD049073.D	10 Feb 2025 13:58		YP/AJ	Ok
5	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049074.D	10 Feb 2025 14:35		YP/AJ	Ok
6	10 PPM AROMATIC HC	10 PPM AROMATIC HC	FD049075.D	10 Feb 2025 15:12		YP/AJ	Ok
7	5 PPM AROMATIC HC	5 PPM AROMATIC HC	FD049076.D	10 Feb 2025 15:48		YP/AJ	Ok
8	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049077.D	10 Feb 2025 16:24		YP/AJ	Ok,M
9	I.BLK	I.BLK	FD049078.D	10 Feb 2025 17:01		YP/AJ	Ok
10	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049079.D	10 Feb 2025 17:38		YP/AJ	Ok,M

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD022525AR

Review By	yogesh	Review On	2/25/2025 12:20:16 PM
Supervise By	Ankita	Supervise On	2/26/2025 9:12:22 AM
SubDirectory	FD022525AR	HP Acquire Method	HP Processing Method FD021125AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23968,PP23970,PP23971,PP23972,PP23973		
CCC	PP23971		
Internal Standard/PEM	PP23969,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	FD049098.D	25 Feb 2025 09:16		YP/AJ	Ok
2	I.BLK	I.BLK	FD049099.D	25 Feb 2025 10:06		YP/AJ	Ok
3	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049100.D	25 Feb 2025 11:30		YP/AJ	Ok
4	PB166863BL	PB166863BL	FD049101.D	25 Feb 2025 15:47		YP/AJ	Ok
5	PB166863BS	PB166863BS	FD049102.D	25 Feb 2025 16:23		YP/AJ	Ok
6	PB166863BSD	PB166863BSD	FD049103.D	25 Feb 2025 16:59		YP/AJ	Ok,M
7	Q1415-05	FB02222025	FD049104.D	25 Feb 2025 17:36		YP/AJ	Ok
8	Q1415-06	B-173-GW01	FD049105.D	25 Feb 2025 18:13		YP/AJ	Ok
9	I.BLK	I.BLK	FD049106.D	25 Feb 2025 18:49		YP/AJ	Ok
10	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049107.D	25 Feb 2025 19:26		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD022825AR

Review By	yogesh	Review On	2/28/2025 11:42:15 AM
Supervise By	Ankita	Supervise On	3/4/2025 12:54:39 PM
SubDirectory	FD022825AR	HP Acquire Method	HP Processing Method FD021125AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23968,PP23970,PP23971,PP23972,PP23973		
CCC	PP23971		
Internal Standard/PEM	PP23969,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	FD049127.D	28 Feb 2025 09:10		YP/AJ	Ok
2	I.BLK	I.BLK	FD049128.D	28 Feb 2025 09:46		YP/AJ	Ok
3	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049129.D	28 Feb 2025 10:23		YP/AJ	Ok,M
4	PB166923BL	PB166923BL	FD049130.D	28 Feb 2025 11:00		YP/AJ	Ok
5	PB166923BS	PB166923BS	FD049131.D	28 Feb 2025 11:37		YP/AJ	Ok
6	PB166923BSD	PB166923BSD	FD049132.D	28 Feb 2025 12:13		YP/AJ	Ok
7	Q1415-01	B-163-SB01	FD049133.D	28 Feb 2025 12:50		YP/AJ	Ok
8	Q1415-02	B-172-SB01	FD049134.D	28 Feb 2025 13:26		YP/AJ	Ok
9	Q1415-03	B-163-SB02	FD049135.D	28 Feb 2025 14:03		YP/AJ	Ok
10	Q1415-04	B-172-SB02	FD049136.D	28 Feb 2025 14:40		YP/AJ	Ok
11	Q1421-07	P001-CLAY-CF01-02	FD049137.D	28 Feb 2025 15:16		YP/AJ	Ok
12	I.BLK	I.BLK	FD049138.D	28 Feb 2025 15:53		YP/AJ	Ok
13	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049139.D	28 Feb 2025 16:30		YP/AJ	Ok
14	Q1421-01	P001-CLAY-CF01-01	FD049140.D	28 Feb 2025 17:44		YP/AJ	Ok
15	Q1421-01D	Q1421-01D	FD049141.D	28 Feb 2025 18:20		YP/AJ	Ok,M
16	Q1421-02	P001-CLAY-CF01-01M	FD049142.D	28 Feb 2025 18:56	FD049140.D	YP/AJ	Ok
17	Q1421-03	P001-CLAY-CF01-01M	FD049143.D	28 Feb 2025 19:32	FD049140.D!FD049142.D	YP/AJ	Ok
18	Q1421-09	P001-CLAY-CF02-01	FD049144.D	28 Feb 2025 20:09		YP/AJ	Ok

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD022825AR

Review By	yogesh	Review On	2/28/2025 11:42:15 AM
Supervise By	Ankita	Supervise On	3/4/2025 12:54:39 PM
SubDirectory	FD022825AR	HP Acquire Method	HP Processing Method FD021125AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23968,PP23970,PP23971,PP23972,PP23973		
CCC Internal Standard/PEM	PP23971		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23969,PP24199		

19	Q1422-01	B-154-SB01	FD049145.D	28 Feb 2025 20:46		YP/AJ	Ok
20	Q1422-02	B-154-SB02	FD049146.D	28 Feb 2025 21:22		YP/AJ	Ok
21	Q1447-01	WC1	FD049147.D	28 Feb 2025 21:59	need 25x dilution	YP/AJ	Dilution
22	I.BLK	I.BLK	FD049148.D	28 Feb 2025 23:13		YP/AJ	Ok
23	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049149.D	28 Feb 2025 23:50		YP/AJ	Ok

M : Manual Integration

SOP ID:	MNJDEP-EPH-7		
Clean Up SOP #:	N/A	Extraction Start Date :	02/25/2025
Matrix :	Water	Extraction Start Time :	08:43
Weight By:	N/A	Extraction By:	RS
Balance check:	N/A	Extraction End Date :	02/25/2025
Balance ID:	N/A	Filter By:	RS
pH Strip Lot#:	E3880	Extraction End Time :	15:40
		pH Meter ID:	N/A
		Concentration By:	EH
		Hood ID:	4,6,7
		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	PP24161
Surrogate	1.0ML	100 PPM	PP24119
Fractionation Surrogate	1.0ML	100 PPM	PP24108
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3878
Baked Na2SO4	N/A	EP2589
Hexane	N/A	E3877
6N HCL	N/A	EP2569
EPH Cartridge	N/A	E3757
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210673.

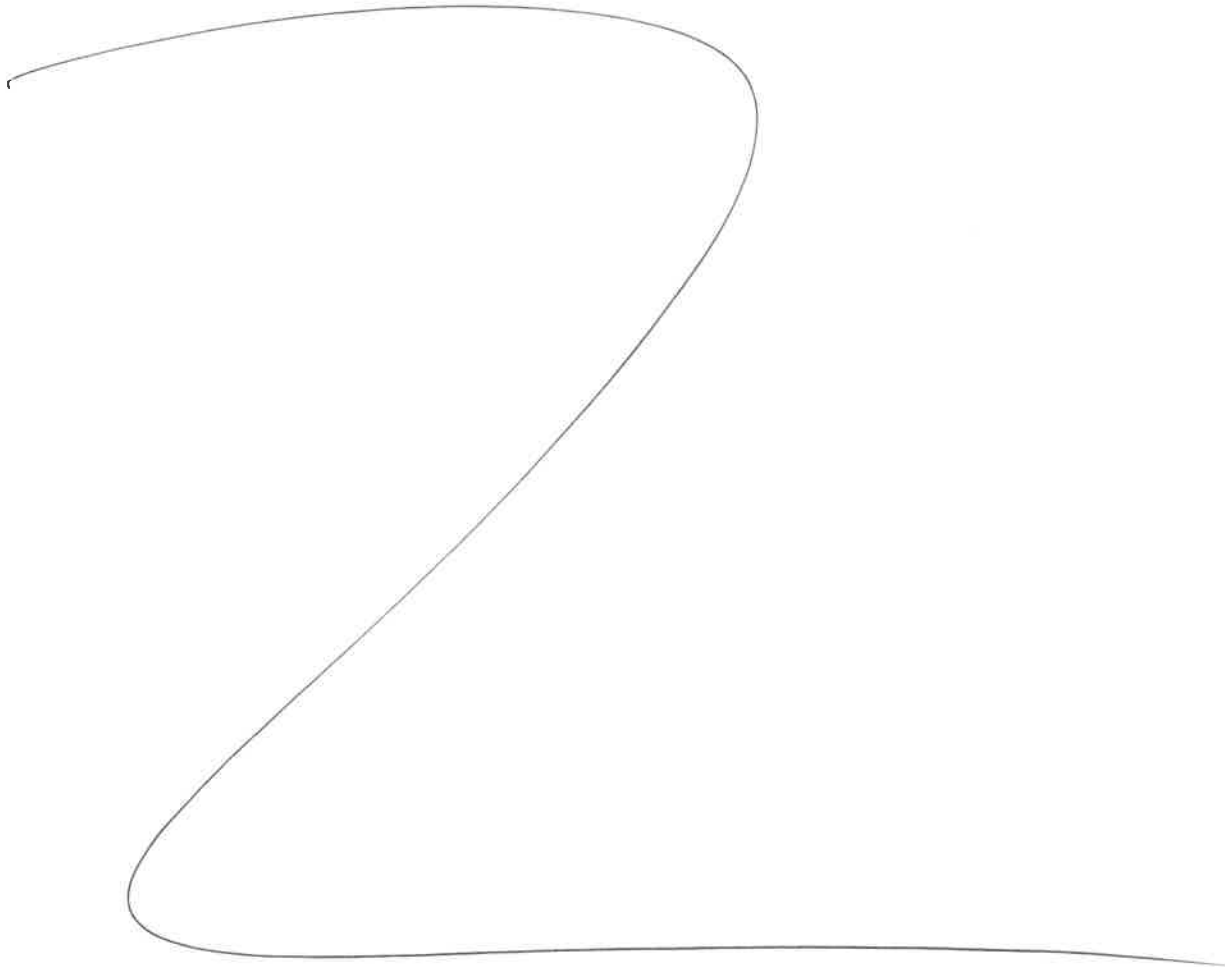
KD Bath ID:	WATER BATH-1,2	Envap ID:	NE VAP-02
KD Bath Temperature:	60 °C	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
2/25/25	RS (E34 Lab)	Y.P. Pest WCB
15:45	Preparation Group	Analysis Group

Analytical Method: MNJDEP-EPH-7

Concentration Date: 02/25/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166863BL	PB166863BL	EPH	1000	<2	RUPESH	ritesh	2			SEP-1
PB166863BS	PB166863BS	EPH	1000	<2	RUPESH	ritesh	2			2
PB166863BSD	PB166863BSD	EPH	1000	<2	RUPESH	ritesh	2			3
Q1415-05	FB02222025	EPH	960	<2	RUPESH	ritesh	2	F		4
Q1415-06	B-173-GW01	EPH	900	<2	RUPESH	ritesh	2	H		5



RS
2/25

166863
8:43

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1415EPH

WorkList ID : 187871

Department : Extraction

Date : 02-25-2025 08:37:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1415-05	FB02222025	Water	EPH	1:1 HCl to pH < 2	PORT06	N31	02/22/2025	NJEPH
Q1415-06	B-173-GW01	Water	EPH	1:1 HCl to pH < 2	PORT06	N31	02/22/2025	NJEPH

Date/Time 2/25/25 8:40
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: CA SM

Date/Time 2/25/25 9:10
Raw Sample Received by: CA SM
Raw Sample Relinquished by: RS (Ext Lab)

SOP ID: MNJDEP-EPH-7

Clean Up SOP #: N/A

Matrix: Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date: 02/27/2025

Extraction Start Time: 13:10

Extraction End Date: 02/28/2025

Extraction End Time: 10:45

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	PP24119
Fractionation Surrogate	1.0ML	100 PPM	PP24108
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2591
Baked Na2SO4	N/A	EP2590
Sand	N/A	E2865
Hexane	N/A	E3877
Methylene Chloride	N/A	E3878
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

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210673.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

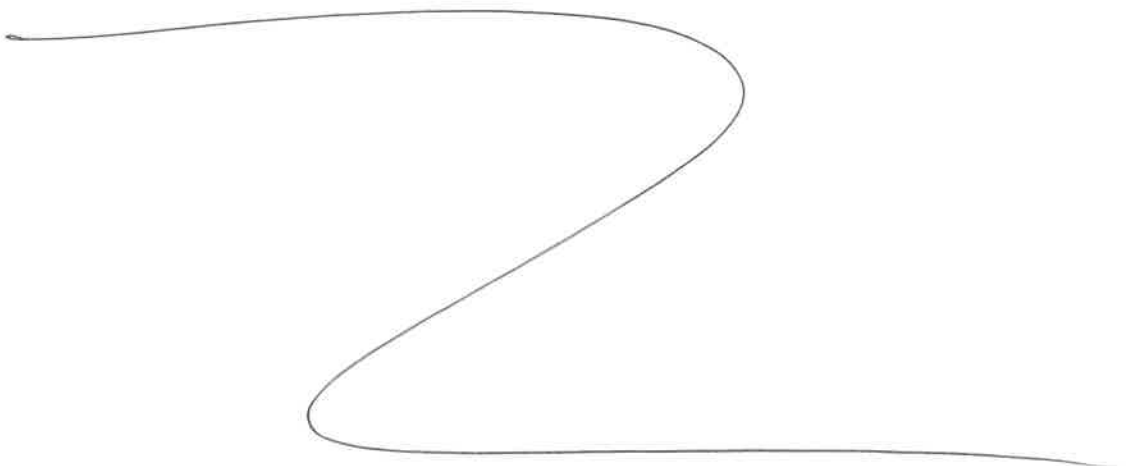
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
2/28/25	RS (Ext-Lab)	Y.P. Pestipar
10:50	Preparation Group	Analysis Group

Analytical Method: MNJDEP-EPH-7

Concentration Date: 02/28/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166923BL	PB166923BL	EPH	30.02	N/A	ritesh	Evelyn	2			U2-1
PB166923BS	PB166923BS	EPH	30.03	N/A	ritesh	Evelyn	2			2
PB166923BSD	PB166923BSD	EPH	30.02	N/A	ritesh	Evelyn	2			3
Q1415-01	B-163-SB01	EPH	30.06	N/A	ritesh	Evelyn	2	E		4
Q1415-02	B-172-SB01	EPH	30.05	N/A	ritesh	Evelyn	2	E		5
Q1415-03	B-163-SB02	EPH	30.03	N/A	ritesh	Evelyn	2	E		6
Q1415-04	B-172-SB02	EPH	30.08	N/A	ritesh	Evelyn	2	E		U6-1
Q1421-01	P001-CLAY-CF01-01	EPH	30.05	N/A	ritesh	Evelyn	2	E		2
Q1421-01DUP	P001-CLAY-CF01-01DUP	EPH	30.04	N/A	ritesh	Evelyn	2	E		3
Q1421-02	Q1421-01MS	EPH	30.07	N/A	ritesh	Evelyn	2	E		4
Q1421-03	Q1421-01MSD	EPH	30.03	N/A	ritesh	Evelyn	2	E		5
Q1421-07	P001-CLAY-CF01-02	EPH	30.06	N/A	ritesh	Evelyn	2	F		6
Q1421-09	P001-CLAY-CF02-01	EPH	30.02	N/A	ritesh	Evelyn	2	E		U3-1
Q1422-01	B-154-SB01	EPH	30.07	N/A	ritesh	Evelyn	2	E		2
Q1422-02	B-154-SB02	EPH	30.05	N/A	ritesh	Evelyn	2	E		3
Q1447-01	WC1	EPH	30.01	N/A	ritesh	Evelyn	2	B		4



RS
2/28

16692-
13:10

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1447

WorkList ID : 187944

Department : Extraction

Date : 02-27-2025 13:05:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1415-01	B-163-SB01	Solid	EPH	Cool 4 deg C	PORT06	N31	02/22/2025	NJEPH
Q1415-02	B-172-SB01	Solid	EPH	Cool 4 deg C	PORT06	N31	02/22/2025	NJEPH
Q1415-03	B-163-SB02	Solid	EPH	Cool 4 deg C	PORT06	N31	02/22/2025	NJEPH
Q1415-04	B-172-SB02	Solid	EPH	Cool 4 deg C	PORT06	N31	02/22/2025	NJEPH
Q1421-01	P001-CLAY-CF01-01	Solid	EPH	Cool 4 deg C	ROYF02	H31	02/24/2025	NJEPH
Q1421-02	Q1421-01MS	Solid	EPH	Cool 4 deg C	ROYF02	H31	02/24/2025	NJEPH
Q1421-03	Q1421-01MSD	Solid	EPH	Cool 4 deg C	ROYF02	H31	02/24/2025	NJEPH
Q1421-07	P001-CLAY-CF01-02	Solid	EPH	Cool 4 deg C	ROYF02	H31	02/24/2025	NJEPH
Q1421-09	P001-CLAY-CF02-01	Solid	EPH	Cool 4 deg C	ROYF02	H31	02/24/2025	NJEPH
Q1422-01	B-154-SB01	Solid	EPH	Cool 4 deg C	PORT06	H33	02/23/2025	NJEPH
Q1422-02	B-154-SB02	Solid	EPH	Cool 4 deg C	PORT06	H33	02/23/2025	NJEPH
Q1447-01	WC1	Solid	EPH	Cool 4 deg C	GENV01	H33	02/23/2025	NJEPH

Date/Time 2/27/25 13:05
 Raw Sample Received by: RJ (EX-66)
 Raw Sample Relinquished by: CP SM

Date/Time 2/27/25 13:30
 Raw Sample Received by: CP SM
 Raw Sample Relinquished by: RJ (EX-66)

LAB CHRONICLE

OrderID:	Q1415	OrderDate:	2/24/2025 10:32:00 AM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	N31,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1415-01	B-163-SB01	Solid	EPH	NJEPH	02/22/25	02/27/25	02/28/25	02/24/25
			PCB	8082A		02/25/25	02/25/25	
Q1415-02	B-172-SB01	Solid	EPH	NJEPH	02/22/25	02/27/25	02/28/25	02/24/25
			PCB	8082A		02/25/25	02/25/25	
Q1415-03	B-163-SB02	Solid	EPH	NJEPH	02/22/25	02/27/25	02/28/25	02/24/25
			PCB	8082A		02/25/25	02/25/25	
Q1415-04	B-172-SB02	Solid	EPH	NJEPH	02/22/25	02/27/25	02/28/25	02/24/25
			PCB	8082A		02/25/25	02/25/25	
Q1415-05	FB02222025	Water	EPH	NJEPH	02/22/25	02/25/25	02/25/25	02/24/25
			PCB	8082A		02/25/25	02/25/25	
Q1415-06	B-173-GW01	Water	EPH	NJEPH	02/22/25	02/25/25	02/25/25	02/24/25
			PCB	8082A		02/25/25	02/25/25	