



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	12/14/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-01	SDG No.:	P5299
Lab Sample ID:	P5299-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.5
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
12/19/24 14:05	12/20/24 12:45	PB165775

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.48	U	1	0.48	1.27	mg/kg	FC068063.D
Aliphatic C12-C16	Aliphatic C12-C16	1.63		1	0.31	0.85	mg/kg	FC068063.D
Aliphatic C16-C21	Aliphatic C16-C21	0.41	J	1	0.38	1.27	mg/kg	FC068063.D
Aliphatic C21-C28	Aliphatic C21-C28	1.02	U	1	1.02	1.70	mg/kg	FC068063.D
Aliphatic C28-C40	Aliphatic C28-C40	6.99		1	2.29	2.54	mg/kg	FC068063.D
Aromatic C10-C12	Aromatic C10-C12	0.38	U	1	0.38	0.85	mg/kg	FD048901.D
Aromatic C12-C16	Aromatic C12-C16	7.86		1	0.43	1.27	mg/kg	FD048901.D
Aromatic C16-C21	Aromatic C16-C21	6.08		1	1.22	2.12	mg/kg	FD048901.D
Aromatic C21-C36	Aromatic C21-C36	4.34		1	2.54	3.39	mg/kg	FD048901.D
Total AliphaticEPH	Total AliphaticEPH	9.03			4.48	7.63	mg/kg	
Total AromaticEPH	Total AromaticEPH	18.3			4.57	7.63	mg/kg	
Total EPH	Total EPH	27.3			9.05	15.3	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:	12/14/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-01	SDG No.:	P5299
Lab Sample ID:	P5299-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.5
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
FC068063.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.48	U	0.48	1.27	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.63		0.31	0.85	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.41	J	0.38	1.27	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.02	U	1.02	1.70	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.99		2.29	2.54	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	50.7		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:	P5299-01	Acq On:	20 Dec 2024 12:45
Client Sample ID:	SB-01	Operator:	YP/AJ
Data file:	FC068063.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	3.117	6.389	728778	4.604	300	ug/ml
Aliphatic C12-C16	6.390	9.779	3088508	19.27	200	ug/ml
Aliphatic C16-C21	9.780	13.137	738603	4.848	300	ug/ml
Aliphatic C21-C28	13.138	16.791	606541	4.447	400	ug/ml
Aliphatic C28-C40	16.792	21.609	8735105	82.434	600	ug/ml
Aliphatic EPH	3.117	21.609	13897535	115.603		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.892	12.892	6470771	50.71		ug/ml
Aliphatic C9-C28	3.117	16.791	5162430	33.169	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	12/14/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-01	SDG No.:	P5299
Lab Sample ID:	P5299-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.5
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
FD048901.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.38	U	0.38	0.85	mg/kg
Aromatic C12-C16	Aromatic C12-C16	7.86		0.43	1.27	mg/kg
Aromatic C16-C21	Aromatic C16-C21	6.08		1.22	2.12	mg/kg
Aromatic C21-C36	Aromatic C21-C36	4.34		2.54	3.39	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	56.0		40 - 140	112%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	59.4		40 - 140	119%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.1		40 - 140	78%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5299-01	Acq On:	20 Dec 2024 12:45
Client Sample ID:	SB-01	Operator:	YP/AJ
Data file:	FD048901.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	4.083	5.800	832264	4.376	200	ug/ml
Aromatic C12-C16	5.801	8.405	17230204	92.694	300	ug/ml
Aromatic C16-C21	8.406	12.669	12150833	71.678	500	ug/ml
Aromatic C21-C36	12.670	18.077	7252965	51.226	800	ug/ml
Aromatic EPH	4.083	18.077	37466266	219.973		ug/ml
ortho-Terphenyl (SURR)	11.245	11.245	6955373	39.15		ug/ml
2-Bromonaphthalene (SURR)	7.359	7.359	9429099	55.98		ug/ml
2-Flurobiphenyl (SURR)	8.209	8.209	6138195	59.42		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	12/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-02	SDG No.:	P5299
Lab Sample ID:	P5299-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
12/19/24 14:05	12/20/24 13:21	PB165775

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	1.25	J	1	0.50	1.32	mg/kg	FC068064.D
Aliphatic C12-C16	Aliphatic C12-C16	5.84		1	0.32	0.88	mg/kg	FC068064.D
Aliphatic C16-C21	Aliphatic C16-C21	0.40	U	1	0.40	1.32	mg/kg	FC068064.D
Aliphatic C21-C28	Aliphatic C21-C28	1.06	U	1	1.06	1.76	mg/kg	FC068064.D
Aliphatic C28-C40	Aliphatic C28-C40	8.45		1	2.38	2.64	mg/kg	FC068064.D
Aromatic C10-C12	Aromatic C10-C12	0.40	U	1	0.40	0.88	mg/kg	FD048902.D
Aromatic C12-C16	Aromatic C12-C16	1.01	J	1	0.45	1.32	mg/kg	FD048902.D
Aromatic C16-C21	Aromatic C16-C21	1.88	J	1	1.27	2.20	mg/kg	FD048902.D
Aromatic C21-C36	Aromatic C21-C36	2.64	U	1	2.64	3.52	mg/kg	FD048902.D
Total AliphaticEPH	Total AliphaticEPH	15.5			4.66	7.92	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.75	U		4.75	7.92	mg/kg	
Total EPH	Total EPH	18.4			9.41	15.8	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:	12/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-02	SDG No.:	P5299
Lab Sample ID:	P5299-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068064.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	1.25	J	0.50	1.32	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.84		0.32	0.88	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.40	U	0.40	1.32	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.06	U	1.06	1.76	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	8.45		2.38	2.64	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	44.4		40 - 140	89%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5299-02	Acq On:	20 Dec 2024 13:21
Client Sample ID:	SB-02	Operator:	YP/AJ
Data file:	FC068064.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	3.117	6.389	2250552	14.217	300	ug/ml
Aliphatic C12-C16	6.390	9.779	10628355	66.313	200	ug/ml
Aliphatic C16-C21	9.780	13.137	610378	4.006	300	ug/ml
Aliphatic C21-C28	13.138	16.791	832467	6.104	400	ug/ml
Aliphatic C28-C40	16.792	21.609	10162160	95.901	600	ug/ml
Aliphatic EPH	3.117	21.609	24483912	186.541		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.888	12.888	5658224	44.35		ug/ml
Aliphatic C9-C28	3.117	16.791	14321752	90.64	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	12/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-02	SDG No.:	P5299
Lab Sample ID:	P5299-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.5
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
FD048902.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.40	U	0.40	0.88	mg/kg
Aromatic C12-C16	Aromatic C12-C16	1.01	J	0.45	1.32	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.88	J	1.27	2.20	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.64	U	2.64	3.52	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	51.5		40 - 140	103%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.1		40 - 140	108%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.0		40 - 140	66%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5299-02	Acq On:	20 Dec 2024 13:21
Client Sample ID:	SB-02	Operator:	YP/AJ
Data file:	FD048902.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	4.083	5.800	816903	4.295	200	ug/ml
Aromatic C12-C16	5.801	8.405	2124307	11.428	300	ug/ml
Aromatic C16-C21	8.406	12.669	3608389	21.286	500	ug/ml
Aromatic C21-C36	12.670	18.077	4131492	29.18	800	ug/ml
Aromatic EPH	4.083	18.077	10681091	66.188		ug/ml
ortho-Terphenyl (SURR)	11.245	11.245	5860548	32.99		ug/ml
2-Bromonaphthalene (SURR)	7.361	7.361	8669207	51.47		ug/ml
2-Fluorobiphenyl (SURR)	8.210	8.210	5590089	54.11		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	12/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-01	SDG No.:	P5299
Lab Sample ID:	P5299-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	68.8
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
12/19/24 14:05	12/20/24 13:58	PB165775

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	1.13	J	1	0.55	1.45	mg/kg	FC068065.D
Aliphatic C12-C16	Aliphatic C12-C16	10.8		1	0.35	0.97	mg/kg	FC068065.D
Aliphatic C16-C21	Aliphatic C16-C21	0.89	J	1	0.44	1.45	mg/kg	FC068065.D
Aliphatic C21-C28	Aliphatic C21-C28	1.16	U	1	1.16	1.94	mg/kg	FC068065.D
Aliphatic C28-C40	Aliphatic C28-C40	8.94		1	2.61	2.90	mg/kg	FC068065.D
Aromatic C10-C12	Aromatic C10-C12	0.44	U	1	0.44	0.97	mg/kg	FD048903.D
Aromatic C12-C16	Aromatic C12-C16	1.75		1	0.49	1.45	mg/kg	FD048903.D
Aromatic C16-C21	Aromatic C16-C21	2.58		1	1.39	2.42	mg/kg	FD048903.D
Aromatic C21-C36	Aromatic C21-C36	4.39		1	2.90	3.87	mg/kg	FD048903.D
Total AliphaticEPH	Total AliphaticEPH	21.8			5.11	8.71	mg/kg	
Total AromaticEPH	Total AromaticEPH	8.72			5.22	8.71	mg/kg	
Total EPH	Total EPH	30.5			10.3	17.4	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	12/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-01	SDG No.:	P5299
Lab Sample ID:	P5299-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	68.8
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
FC068065.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	1.13	J	0.55	1.45	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	10.8		0.35	0.97	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.89	J	0.44	1.45	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.16	U	1.16	1.94	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	8.94		2.61	2.90	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	47.5		40 - 140	95%	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:	P5299-03	Acq On:	20 Dec 2024 13:58
Client Sample ID:	SB-01	Operator:	YP/AJ
Data file:	FC068065.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	3.117	6.389	1855427	11.721	300	ug/ml
Aliphatic C12-C16	6.390	9.779	17925000	111.839	200	ug/ml
Aliphatic C16-C21	9.780	13.137	1396653	9.167	300	ug/ml
Aliphatic C21-C28	13.138	16.791	890402	6.529	400	ug/ml
Aliphatic C28-C40	16.792	21.609	9782704	92.32	600	ug/ml
Aliphatic EPH	3.117	21.609	31850186	231.575		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.888	12.888	6062473	47.51		ug/ml
Aliphatic C9-C28	3.117	16.791	22067482	139.256	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	12/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-01	SDG No.:	P5299
Lab Sample ID:	P5299-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	68.8
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
FD048903.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.44	U	0.44	0.97	mg/kg
Aromatic C12-C16	Aromatic C12-C16	1.75		0.49	1.45	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.58		1.39	2.42	mg/kg
Aromatic C21-C36	Aromatic C21-C36	4.39		2.90	3.87	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	55.1		40 - 140	110%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	58.2		40 - 140	116%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.5		40 - 140	63%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5299-03	Acq On:	20 Dec 2024 13:58
Client Sample ID:	SB-01	Operator:	YP/AJ
Data file:	FD048903.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	4.083	5.800	698495	3.672	200	ug/ml
Aromatic C12-C16	5.801	8.405	3368887	18.124	300	ug/ml
Aromatic C16-C21	8.406	12.669	4515909	26.639	500	ug/ml
Aromatic C21-C36	12.670	18.077	6416442	45.317	800	ug/ml
Aromatic EPH	4.083	18.077	14999733	93.753		ug/ml
ortho-Terphenyl (SURR)	11.245	11.245	5589681	31.46		ug/ml
2-Bromonaphthalene (SURR)	7.361	7.361	9288209	55.14		ug/ml
2-Flurobiphenyl (SURR)	8.211	8.211	6014948	58.22		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	12/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-02	SDG No.:	P5299
Lab Sample ID:	P5299-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
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
12/19/24 14:05	12/20/24 15:12	PB165775

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.48	U	1	0.48	1.26	mg/kg	FC068066.D
Aliphatic C12-C16	Aliphatic C12-C16	1.99		1	0.30	0.84	mg/kg	FC068066.D
Aliphatic C16-C21	Aliphatic C16-C21	0.38	U	1	0.38	1.26	mg/kg	FC068066.D
Aliphatic C21-C28	Aliphatic C21-C28	1.01	U	1	1.01	1.68	mg/kg	FC068066.D
Aliphatic C28-C40	Aliphatic C28-C40	8.03		1	2.27	2.52	mg/kg	FC068066.D
Aromatic C10-C12	Aromatic C10-C12	0.38	U	1	0.38	0.84	mg/kg	FD048904.D
Aromatic C12-C16	Aromatic C12-C16	0.58	J	1	0.43	1.26	mg/kg	FD048904.D
Aromatic C16-C21	Aromatic C16-C21	1.28	J	1	1.21	2.10	mg/kg	FD048904.D
Aromatic C21-C36	Aromatic C21-C36	2.52	U	1	2.52	3.36	mg/kg	FD048904.D
Total AliphaticEPH	Total AliphaticEPH	10.0			4.44	7.56	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.54	U		4.54	7.56	mg/kg	
Total EPH	Total EPH	11.9	J		8.98	15.1	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:	12/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-02	SDG No.:	P5299
Lab Sample ID:	P5299-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
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
FC068066.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.48	U	0.48	1.26	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.99		0.30	0.84	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.38	U	0.38	1.26	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.01	U	1.01	1.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	8.03		2.27	2.52	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	56.5		40 - 140	113%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5299-04	Acq On:	20 Dec 2024 15:12
Client Sample ID:	SB-02	Operator:	YP/AJ
Data file:	FC068066.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	3.117	6.389	867607	5.481	300	ug/ml
Aliphatic C12-C16	6.390	9.779	3786121	23.623	200	ug/ml
Aliphatic C16-C21	9.780	13.137	443178	2.909	300	ug/ml
Aliphatic C21-C28	13.138	16.791	483355	3.544	400	ug/ml
Aliphatic C28-C40	16.792	21.609	10112684	95.435	600	ug/ml
Aliphatic EPH	3.117	21.609	15692945	130.991		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.889	12.889	7204980	56.47		ug/ml
Aliphatic C9-C28	3.117	16.791	5580261	35.557	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	12/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-02	SDG No.:	P5299
Lab Sample ID:	P5299-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
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
FD048904.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.38	U	0.38	0.84	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.58	J	0.43	1.26	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.28	J	1.21	2.10	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.52	U	2.52	3.36	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	45.5		40 - 140	91%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	47.7		40 - 140	95%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.3		40 - 140	59%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5299-04	Acq On:	20 Dec 2024 15:12
Client Sample ID:	SB-02	Operator:	YP/AJ
Data file:	FD048904.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	4.083	5.800	615796	3.237	200	ug/ml
Aromatic C12-C16	5.801	8.405	1285626	6.916	300	ug/ml
Aromatic C16-C21	8.406	12.669	2588566	15.27	500	ug/ml
Aromatic C21-C36	12.670	18.077	3570248	25.216	800	ug/ml
Aromatic EPH	4.083	18.077	8060236	50.639		ug/ml
ortho-Terphenyl (SURR)	11.245	11.245	5200786	29.27		ug/ml
2-Bromonaphthalene (SURR)	7.361	7.361	7667113	45.52		ug/ml
2-Fluorobiphenyl (SURR)	8.210	8.210	4932050	47.74		ug/ml



QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: PORT06
Lab Code: CHEM CASE No.: P5299 SAS No.: P5299 SDG No.: P5299
Run Number: FC122024AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
SB-01	101			0
SB-02	89			0
SB-01	95			0
SB-02	113			0
SB-02MS	83			0
SB-02MSD	80			0
PB165775BL	84			0
PB165775BS	100			0
PB165775BSD	109			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.: P5299 SAS No.: P5299 SDG No.: P5299
Run Number: FD122024AR

Client SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
SB-01	112	119	78	0
SB-02	103	108	66	0
SB-01	110	116	63	0
SB-02	91	95	59	0
SB-02MS	119	126	70	0
SB-02MSD	120	128	71	0
PB165775BL	106	111	95	0
PB165775BS	100	98	90	0
PB165775BSD	100	98	89	0

QC LIMITS

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

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



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SOIL EPH SURROGATE RECOVERY

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

QC LIMITS

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

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

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** P5299 **SAS No :** P5299 **SDG No:** P5299
Sample No : P5299-04MS **Datafile:** FC068068.D
Client ID : SB-02MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C9-C12	12.6	0	6.56	52		(40-140)
Aliphatic C12-C16	8.4	1.99	7.81	69		(40-140)
Aliphatic C16-C21	12.6	0	9.22	73		(40-140)
Aliphatic C21-C28	16.8	0	12.4	74		(40-140)
Aliphatic C28-C40	25.2	8.03	32.0	95		(40-140)

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** P5299 **SAS No :** P5299 **SDG No:** P5299
Sample No : P5299-04MSD **Datafile:** FC068069.D
Client ID : SB-02MSD

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	12.6	0	6.42	51		2.14 (40-140) 25
Aliphatic C12-C16	8.4	1.99	7.57	66		4.13 (40-140) 25
Aliphatic C16-C21	12.6	0	8.97	71		2.77 (40-140) 25
Aliphatic C21-C28	16.8	0	12.0	71		3.31 (40-140) 25
Aliphatic C28-C40	25.2	8.03	27.1	76		22.7 (40-140) 25

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** P5299 **SAS No :** P5299 **SDG No:** P5299
Sample No : P5299-04MS **Datafile:** FD048906.D
Client ID : SB-02MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aromatic C10-C12	8.4	0	6.78	81		(40-140)
Aromatic C12-C16	12.6	0.58	15.7	119		(40-140)
Aromatic C16-C21	21.0	1.28	24.6	110		(40-140)
Aromatic C21-C36	33.6	0	42.6	126		(40-140)

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** P5299 **SAS No :** P5299 **SDG No:** P5299
Sample No : P5299-04MSD **Datafile:** FD048907.D
Client ID : SB-02MSD

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	8.4	0	6.85	81		0.99 (40-140) 25
Aromatic C12-C16	12.6	0.58	12.4	94		23.9 (40-140) 25
Aromatic C16-C21	21.0	1.28	25.0	112		1.8 (40-140) 25
Aromatic C21-C36	33.7	0	43.0	127		0.79 (40-140) 25

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** P5299 **SAS No :** P5299 **SDG No:** P5299
Sample No : PB165775BS **Datafile:** FC068061.D
Client ID : PB165775BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C9-C12	10.0	5.50	55		(40-140)
Aliphatic C12-C16	6.7	5.33	80		(40-140)
Aliphatic C16-C21	10.0	8.99	90		(40-140)
Aliphatic C21-C28	13.3	12.4	93		(40-140)
Aliphatic C28-C40	20.0	22.4	112		(40-140)

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** P5299 **SAS No :** P5299 **SDG No:** P5299
Sample No : PB165775BSD **Datafile:** FC068062.D
Client ID : PB165775BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aliphatic C9-C12	10.0	5.42	54		1.4 (40-140)	50
Aliphatic C12-C16	6.7	5.28	79		0.972 (40-140)	50
Aliphatic C16-C21	10.0	8.95	90		0.413 (40-140)	50
Aliphatic C21-C28	13.3	12.4	93		0.03 (40-140)	50
Aliphatic C28-C40	20.0	22.4	112		0.03 (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:** P5299 **SAS No :** P5299 **SDG No:** P5299
Sample No : PB165775BS **Datafile:** FD048899.D
Client ID : PB165775BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aromatic C10-C12	6.7	4.61	69		(40-140)
Aromatic C12-C16	10.0	8.67	87		(40-140)
Aromatic C16-C21	16.7	17.8	106		(40-140)
Aromatic C21-C36	26.7	29.1	109		(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:** P5299 **SAS No :** P5299 **SDG No:** P5299
Sample No : PB165775BSD **Datafile:** FD048900.D
Client ID : PB165775BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aromatic C10-C12	6.7	4.62	69		0.17 (40-140)	50
Aromatic C12-C16	10.0	8.69	87		0.26 (40-140)	50
Aromatic C16-C21	16.7	17.3	103		2.1 (40-140)	50
Aromatic C21-C36	26.7	29.0	108		0.196 (40-140)	50

4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165775BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: P5299

SAS No.: P5299 SDG NO.: P5299

Instrument ID: FID_C

Lab Sample ID: PB165775BL

Matrix: (soil/water) Solid

Date Extracted: 12/19/2024 2:05:00

Level: (low/med) low

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

EPA SAMPLE NO.	LAB SAMPLE ID
PB165775BS	PB165775BS
PB165775BSD	PB165775BSD
SB-01	P5299-01
SB-02	P5299-02
SB-01	P5299-03
SB-02	P5299-04
SB-02MS	P5299-04MS
SB-02MSD	P5299-04MSD

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB165775BL	SDG No.:	P5299
Lab Sample ID:	PB165775BL	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
12/19/24 14:05	12/20/24 10:34	PB165775

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	FC068060.D
Aliphatic C12-C16	Aliphatic C12-C16	0.24	U	1	0.24	0.67	mg/kg	FC068060.D
Aliphatic C16-C21	Aliphatic C16-C21	0.30	U	1	0.30	1.00	mg/kg	FC068060.D
Aliphatic C21-C28	Aliphatic C21-C28	0.80	U	1	0.80	1.33	mg/kg	FC068060.D
Aliphatic C28-C40	Aliphatic C28-C40	1.80	U	1	1.80	2.00	mg/kg	FC068060.D
Aromatic C10-C12	Aromatic C10-C12	0.30	U	1	0.30	0.67	mg/kg	FD048898.D
Aromatic C12-C16	Aromatic C12-C16	0.34	U	1	0.34	1.00	mg/kg	FD048898.D
Aromatic C16-C21	Aromatic C16-C21	0.96	U	1	0.96	1.67	mg/kg	FD048898.D
Aromatic C21-C36	Aromatic C21-C36	2.00	U	1	2.00	2.66	mg/kg	FD048898.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 2024	Date Received:	
Client Sample ID:	PB165775BL	SDG No.:	P5299
Lab Sample ID:	PB165775BL	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
FC068060.D	1	12/19/24	12/20/24	PB165775

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)	42.1		40 - 140	84%	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:	PB165775BL	Acq On:	20 Dec 2024 10:34
Client Sample ID:	PB165775BL	Operator:	YP/AJ
Data file:	FC068060.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	3.117	6.389	0	0	300	ug/ml
Aliphatic C12-C16	6.390	9.779	0	0	200	ug/ml
Aliphatic C16-C21	9.780	13.137	0	0	300	ug/ml
Aliphatic C21-C28	13.138	16.791	0	0	400	ug/ml
Aliphatic C28-C40	16.792	21.609	0	0	600	ug/ml
Aliphatic EPH	3.117	21.609	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.870	12.870	5367336	42.07		ug/ml
Aliphatic C9-C28	3.117	16.791	0	0	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB165775BL	SDG No.:	P5299
Lab Sample ID:	PB165775BL	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
FD048898.D	1	12/19/24	12/20/24	PB165775

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)	53.1		40 - 140	106%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	55.4		40 - 140	111%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	47.6		40 - 140	95%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB165775BL	Acq On:	20 Dec 2024 10:34
Client Sample ID:	PB165775BL	Operator:	YP/AJ
Data file:	FD048898.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	4.083	5.800	0	0	200	ug/ml
Aromatic C12-C16	5.801	8.405	0	0	300	ug/ml
Aromatic C16-C21	8.406	12.669	0	0	500	ug/ml
Aromatic C21-C36	12.670	18.077	0	0	800	ug/ml
Aromatic EPH	4.083	18.077	0	0		ug/ml
ortho-Terphenyl (SURR)	11.245	11.245	8452422	47.58		ug/ml
2-Bromonaphthalene (SURR)	7.358	7.358	8936524	53.06		ug/ml
2-Fluorobiphenyl (SURR)	8.207	8.207	5726704	55.43		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB165775BS	SDG No.:	P5299
Lab Sample ID:	PB165775BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
12/19/24 14:05	12/20/24 11:10	PB165775

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.50		1	0.38	1.00	mg/kg FC068061.D
Aliphatic C12-C16	Aliphatic C12-C16	5.33		1	0.24	0.67	mg/kg FC068061.D
Aliphatic C16-C21	Aliphatic C16-C21	8.99		1	0.30	1.00	mg/kg FC068061.D
Aliphatic C21-C28	Aliphatic C21-C28	12.4		1	0.80	1.33	mg/kg FC068061.D
Aliphatic C28-C40	Aliphatic C28-C40	22.4		1	1.80	2.00	mg/kg FC068061.D
Aromatic C10-C12	Aromatic C10-C12	4.61		1	0.30	0.67	mg/kg FD048899.D
Aromatic C12-C16	Aromatic C12-C16	8.67		1	0.34	1.00	mg/kg FD048899.D
Aromatic C16-C21	Aromatic C16-C21	17.8		1	0.96	1.67	mg/kg FD048899.D
Aromatic C21-C36	Aromatic C21-C36	29.1		1	2.00	2.67	mg/kg FD048899.D
Total AliphaticEPH	Total AliphaticEPH	54.6			3.52	6.00	mg/kg
Total AromaticEPH	Total AromaticEPH	60.2			3.60	6.01	mg/kg
Total EPH	Total EPH	115			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 2024	Date Received:	
Client Sample ID:	PB165775BS	SDG No.:	P5299
Lab Sample ID:	PB165775BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068061.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.50		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.33		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.99		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.4		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	22.4		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	50.0		40 - 140	100%	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:	PB165775BS	Acq On:	20 Dec 2024 11:10
Client Sample ID:	PB165775BS	Operator:	YP/AJ
Data file:	FC068061.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	3.117	6.389	13054415	82.465	300	ug/ml
Aliphatic C12-C16	6.390	9.779	12817154	79.97	200	ug/ml
Aliphatic C16-C21	9.780	13.137	20559850	134.94	300	ug/ml
Aliphatic C21-C28	13.138	16.791	25414808	186.347	400	ug/ml
Aliphatic C28-C40	16.792	21.609	35644993	336.386	600	ug/ml
Aliphatic EPH	3.117	21.609	107491220	820.108		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.870	12.870	6377412	49.98		ug/ml
Aliphatic C9-C28	3.117	16.791	71846227	483.722	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB165775BS	SDG No.:	P5299
Lab Sample ID:	PB165775BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048899.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.61		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.67		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	17.8		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	29.1		2.00	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	50.1		40 - 140	100%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.0		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.0		40 - 140	90%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB165775BS	Acq On:	20 Dec 2024 11:10
Client Sample ID:	PB165775BS	Operator:	YP/AJ
Data file:	FD048899.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	4.083	5.800	13155513	69.163	200	ug/ml
Aromatic C12-C16	5.801	8.405	24173347	130.046	300	ug/ml
Aromatic C16-C21	8.406	12.669	45164582	266.426	500	ug/ml
Aromatic C21-C36	12.670	18.077	61919189	437.317	800	ug/ml
Aromatic EPH	4.083	18.077	144412631	902.953		ug/ml
ortho-Terphenyl (SURR)	11.247	11.247	7987359	44.96		ug/ml
2-Bromonaphthalene (SURR)	7.361	7.361	8441270	50.12		ug/ml
2-Flurobiphenyl (SURR)	8.211	8.211	5057775	48.96		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB165775BSD	SDG No.:	P5299
Lab Sample ID:	PB165775BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
12/19/24 14:05	12/20/24 11:46	PB165775

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.42		1	0.38	1.00	mg/kg	FC068062.D
Aliphatic C12-C16	Aliphatic C12-C16	5.28		1	0.24	0.67	mg/kg	FC068062.D
Aliphatic C16-C21	Aliphatic C16-C21	8.95		1	0.30	1.00	mg/kg	FC068062.D
Aliphatic C21-C28	Aliphatic C21-C28	12.4		1	0.80	1.33	mg/kg	FC068062.D
Aliphatic C28-C40	Aliphatic C28-C40	22.4		1	1.80	2.00	mg/kg	FC068062.D
Aromatic C10-C12	Aromatic C10-C12	4.62		1	0.30	0.67	mg/kg	FD048900.D
Aromatic C12-C16	Aromatic C12-C16	8.69		1	0.34	1.00	mg/kg	FD048900.D
Aromatic C16-C21	Aromatic C16-C21	17.3		1	0.96	1.67	mg/kg	FD048900.D
Aromatic C21-C36	Aromatic C21-C36	29.0		1	2.00	2.67	mg/kg	FD048900.D
Total AliphaticEPH	Total AliphaticEPH	54.5			3.52	6.00	mg/kg	
Total AromaticEPH	Total AromaticEPH	59.6			3.60	6.01	mg/kg	
Total EPH	Total EPH	114			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 2024	Date Received:	
Client Sample ID:	PB165775BSD	SDG No.:	P5299
Lab Sample ID:	PB165775BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068062.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.42		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.28		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.95		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.4		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	22.4		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	54.7		40 - 140	109%	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:	PB165775BSD	Acq On:	20 Dec 2024 11:46
Client Sample ID:	PB165775BSD	Operator:	YP/AJ
Data file:	FC068062.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	3.117	6.389	12876644	81.342	300	ug/ml
Aliphatic C12-C16	6.390	9.779	12708105	79.289	200	ug/ml
Aliphatic C16-C21	9.780	13.137	20452390	134.235	300	ug/ml
Aliphatic C21-C28	13.138	16.791	25340505	185.802	400	ug/ml
Aliphatic C28-C40	16.792	21.609	35595769	335.921	600	ug/ml
Aliphatic EPH	3.117	21.609	106973413	816.59		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.870	12.870	6982791	54.73		ug/ml
Aliphatic C9-C28	3.117	16.791	71377644	480.668	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB165775BSD	SDG No.:	P5299
Lab Sample ID:	PB165775BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048900.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.62		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.69		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	17.3		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	29.0		2.00	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	50.2		40 - 140	100%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.0		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	44.6		40 - 140	89%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB165775BSD	Acq On:	20 Dec 2024 11:46
Client Sample ID:	PB165775BSD	Operator:	YP/AJ
Data file:	FD048900.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	4.083	5.800	13180743	69.296	200	ug/ml
Aromatic C12-C16	5.801	8.405	24237417	130.39	300	ug/ml
Aromatic C16-C21	8.406	12.669	43938977	259.197	500	ug/ml
Aromatic C21-C36	12.670	18.077	61594432	435.024	800	ug/ml
Aromatic EPH	4.083	18.077	142951569	893.907		ug/ml
ortho-Terphenyl (SURR)	11.247	11.247	7922276	44.59		ug/ml
2-Bromonaphthalene (SURR)	7.361	7.361	8454965	50.2		ug/ml
2-Flurobiphenyl (SURR)	8.211	8.211	5060351	48.98		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	SB-02MS	SDG No.:	P5299
Lab Sample ID:	P5299-04MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
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
12/19/24 14:05	12/20/24 16:26	PB165775

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	6.56		1	0.48	1.26	mg/kg FC068068.D
Aliphatic C12-C16	Aliphatic C12-C16	7.81		1	0.30	0.84	mg/kg FC068068.D
Aliphatic C16-C21	Aliphatic C16-C21	9.22		1	0.38	1.26	mg/kg FC068068.D
Aliphatic C21-C28	Aliphatic C21-C28	12.4		1	1.01	1.68	mg/kg FC068068.D
Aliphatic C28-C40	Aliphatic C28-C40	32.0		1	2.27	2.52	mg/kg FC068068.D
Aromatic C10-C12	Aromatic C10-C12	6.78		1	0.38	0.84	mg/kg FD048906.D
Aromatic C12-C16	Aromatic C12-C16	15.7		1	0.43	1.26	mg/kg FD048906.D
Aromatic C16-C21	Aromatic C16-C21	24.6		1	1.21	2.10	mg/kg FD048906.D
Aromatic C21-C36	Aromatic C21-C36	42.6		1	2.52	3.36	mg/kg FD048906.D
Total AliphaticEPH	Total AliphaticEPH	68.0			4.44	7.56	mg/kg
Total AromaticEPH	Total AromaticEPH	89.7			4.54	7.56	mg/kg
Total EPH	Total EPH	158			8.98	15.1	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 2024	Date Received:	
Client Sample ID:	SB-02MS	SDG No.:	P5299
Lab Sample ID:	P5299-04MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
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
FC068068.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.56		0.48	1.26	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	7.81		0.30	0.84	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.22		0.38	1.26	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.4		1.01	1.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	32.0		2.27	2.52	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.3		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:	P5299-04MS	Acq On:	20 Dec 2024 16:26
Client Sample ID:	SB-02MS	Operator:	YP/AJ
Data file:	FC068068.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.117	6.389	12344745	77.982	300	ug/ml
Aliphatic C12-C16	6.390	9.779	14883432	92.862	200	ug/ml
Aliphatic C16-C21	9.780	13.137	16693928	109.567	300	ug/ml
Aliphatic C21-C28	13.138	16.791	20027798	146.848	400	ug/ml
Aliphatic C28-C40	16.792	21.609	40325392	380.555	600	ug/ml
Aliphatic EPH	3.117	21.609	104275295	807.814		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.887	12.887	5270189	41.3		ug/ml
Aliphatic C9-C28	3.117	16.791	63949903	427.259	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	SB-02MS	SDG No.:	P5299
Lab Sample ID:	P5299-04MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
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
FD048906.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	6.78		0.38	0.84	mg/kg
Aromatic C12-C16	Aromatic C12-C16	15.7		0.43	1.26	mg/kg
Aromatic C16-C21	Aromatic C16-C21	24.6		1.21	2.10	mg/kg
Aromatic C21-C36	Aromatic C21-C36	42.6		2.52	3.36	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	59.5		40 - 140	119%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	62.8		40 - 140	126%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.0		40 - 140	70%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5299-04MS	Acq On:	20 Dec 2024 16:26
Client Sample ID:	SB-02MS	Operator:	YP/AJ
Data file:	FD048906.D	Misc:	
Instrument:	FID_D	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.083	5.800	15339278	80.644	200	ug/ml
Aromatic C12-C16	5.801	8.405	34652720	186.422	300	ug/ml
Aromatic C16-C21	8.406	12.669	49484502	291.91	500	ug/ml
Aromatic C21-C36	12.670	18.077	71743901	506.707	800	ug/ml
Aromatic EPH	4.083	18.077	171220401	1070		ug/ml
ortho-Terphenyl (SURR)	11.245	11.245	6211910	34.96		ug/ml
2-Bromonaphthalene (SURR)	7.361	7.361	10012703	59.45		ug/ml
2-Flurobiphenyl (SURR)	8.212	8.212	6489680	62.82		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	SB-02MSD	SDG No.:	P5299
Lab Sample ID:	P5299-04MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
12/19/24 14:05	12/20/24 17:03	PB165775

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	6.42		1	0.48	1.26	mg/kg FC068069.D
Aliphatic C12-C16	Aliphatic C12-C16	7.57		1	0.30	0.84	mg/kg FC068069.D
Aliphatic C16-C21	Aliphatic C16-C21	8.97		1	0.38	1.26	mg/kg FC068069.D
Aliphatic C21-C28	Aliphatic C21-C28	12.0		1	1.01	1.68	mg/kg FC068069.D
Aliphatic C28-C40	Aliphatic C28-C40	27.1		1	2.27	2.52	mg/kg FC068069.D
Aromatic C10-C12	Aromatic C10-C12	6.85		1	0.38	0.84	mg/kg FD048907.D
Aromatic C12-C16	Aromatic C12-C16	12.4		1	0.43	1.26	mg/kg FD048907.D
Aromatic C16-C21	Aromatic C16-C21	25.0		1	1.21	2.10	mg/kg FD048907.D
Aromatic C21-C36	Aromatic C21-C36	43.0		1	2.52	3.37	mg/kg FD048907.D
Total AliphaticEPH	Total AliphaticEPH	62.1			4.44	7.56	mg/kg
Total AromaticEPH	Total AromaticEPH	87.3			4.54	7.57	mg/kg
Total EPH	Total EPH	149			8.98	15.1	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 2024	Date Received:	
Client Sample ID:	SB-02MSD	SDG No.:	P5299
Lab Sample ID:	P5299-04MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068069.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.42		0.48	1.26	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	7.57		0.30	0.84	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.97		0.38	1.26	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.0		1.01	1.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	27.1		2.27	2.52	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.9		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5299-04MSD	Acq On:	20 Dec 2024 17:03
Client Sample ID:	SB-02MSD	Operator:	YP/AJ
Data file:	FC068069.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.117	6.389	12086067	76.348	300	ug/ml
Aliphatic C12-C16	6.390	9.779	14426671	90.012	200	ug/ml
Aliphatic C16-C21	9.780	13.137	16244898	106.62	300	ug/ml
Aliphatic C21-C28	13.138	16.791	19514459	143.085	400	ug/ml
Aliphatic C28-C40	16.792	21.609	34167095	322.439	600	ug/ml
Aliphatic EPH	3.117	21.609	96439190	738.503		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.886	12.886	5087208	39.87		ug/ml
Aliphatic C9-C28	3.117	16.791	62272095	416.065	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	SB-02MSD	SDG No.:	P5299
Lab Sample ID:	P5299-04MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048907.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	6.85		0.38	0.84	mg/kg
Aromatic C12-C16	Aromatic C12-C16	12.4		0.43	1.26	mg/kg
Aromatic C16-C21	Aromatic C16-C21	25.0		1.21	2.10	mg/kg
Aromatic C21-C36	Aromatic C21-C36	43.0		2.52	3.37	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	60.2		40 - 140	120%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	63.9		40 - 140	128%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.6		40 - 140	71%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5299-04MSD	Acq On:	20 Dec 2024 17:03
Client Sample ID:	SB-02MSD	Operator:	YP/AJ
Data file:	FD048907.D	Misc:	
Instrument:	FID_D	ALS Vial:	70
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.083	5.800	15490160	81.437	200	ug/ml
Aromatic C12-C16	5.801	8.405	27484098	147.857	300	ug/ml
Aromatic C16-C21	8.406	12.669	50354206	297.04	500	ug/ml
Aromatic C21-C36	12.670	18.077	72322214	510.791	800	ug/ml
Aromatic EPH	4.083	18.077	165650678	1040		ug/ml
ortho-Terphenyl (SURR)	11.246	11.246	6325440	35.6		ug/ml
2-Bromonaphthalene (SURR)	7.362	7.362	10138982	60.2		ug/ml
2-Flurobiphenyl (SURR)	8.212	8.212	6604556	63.93		ug/ml



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FC121024AL

AreaCount

Parameter Range	FC067961.D	FC067962.D	FC067963.D	FC067964.D	FC067965.D	
Aliphatic C9-C12	43219570.000	22812652.000	9633573.000	4956995.000	2543550.000	
Aliphatic C12-C16	29481914.000	15507863.000	6502424.000	3322573.000	1701990.000	
Aliphatic C16-C21	42017389.000	21918249.000	9252854.000	4768030.000	2437274.000	
Aliphatic C21-C28	50542953.000	26061820.000	10946904.000	5674955.000	2930879.000	
Aliphatic C28-C40	58878618.000	30107117.000	12646225.000	6629218.000	3463888.000	
Aliphatic EPH	224140444.000	116407701.000	48981980.000	25351771.000	13077581.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	158302.459333	6.484				
Aliphatic C12-C16	160275.29	5.671				
Aliphatic C16-C21	152362.6246664	6.046				
Aliphatic C21-C28	136384.1215	6.035				
Aliphatic C28-C40	105964.6389996	6.736				
Aliphatic EPH	135215.008444	6.221				

Concentration

Parameter Range	FC067961.D	FC067962.D	FC067963.D	FC067964.D	FC067965.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	FC067961.D	FC067962.D	FC067963.D	FC067964.D	FC067965.D	
Aliphatic C9-C12	144065.233333	152084.346666	160559.550000	165233.166666	169570.000000	
Aliphatic C12-C16	147409.570000	155078.630000	162560.600000	166128.650000	170199.000000	
Aliphatic C16-C21	140057.963333	146121.660000	154214.233333	158934.333333	162484.933333	

Initial Calibration Report for SequenceID : FC121024AL

Aliphatic C21-C28	126357.382500	130309.100000	136836.300000	141873.875000	146543.950000	
Aliphatic C28-C40	98131.030000	100357.056666	105385.208333	110486.966666	115462.933333	
Aliphatic EPH	124522.468888	129341.890000	136061.055555	140843.172222	145306.455555	

Initial Calibration Report for SequenceID : FD121024AR

AreaCount

Parameter Range	FD048862.D	FD048863.D	FD048864.D	FD048865.D	FD048866.D	
Aromatic C10-C12	36144450.000	18307256.000	7704703.000	4202950.000	1844873.000	
Aromatic C12-C16	52606403.000	26714057.000	11173780.000	6154338.000	2768912.000	
Aromatic C16-C21	65406144.000	33090551.000	13675456.000	7455120.000	3226208.000	
Aromatic C21-C36	122999142.000	62178240.000	25807519.000	13997336.000	6039121.000	
Aromatic EPH	277156139.000	140290104.000	58361458.000	31809744.000	13879114.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	190209.437	6.314				
Aromatic C12-C16	185883.3579996	6.276				
Aromatic C16-C21	169519.943	5.945				
Aromatic C21-C36	141588.6659994	5.992				
Aromatic EPH	160580.3729996	5.982				

Concentration

Parameter Range	FD048862.D	FD048863.D	FD048864.D	FD048865.D	FD048866.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	FD048862.D	FD048863.D	FD048864.D	FD048865.D	FD048866.D	
Aromatic C10-C12	180722.250000	183072.560000	192617.575000	210147.500000	184487.300000	
Aromatic C12-C16	175354.676666	178093.713333	186229.666666	205144.600000	184594.133333	
Aromatic C16-C21	163515.360000	165452.755000	170943.200000	186378.000000	161310.400000	
Aromatic C21-C36	136665.713333	138173.866666	143375.105555	155525.955555	134202.688888	
Aromatic EPH	153975.632777	155877.893333	162115.161111	176720.800000	154212.377777	

Continuing Calibration Report for SequenceID : FC122024AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC068059.D

Aliphatic C28-C40	12271986.000	120.000	16.792	21.609	102266.550	105964.639	3.490
Aliphatic EPH	46593571.000	360.000	3.117	21.609	129426.586	135215.008	4.281
Aliphatic C9-C12	9123272.000	60.000	3.117	6.389	152054.533	158302.459	3.947
Aliphatic C12-C16	6147282.000	40.000	6.390	9.779	153682.050	160275.290	4.114
Aliphatic C16-C21	8675091.000	60.000	9.780	13.137	144584.850	152362.625	5.105
Aliphatic C21-C28	10375940.000	80.000	13.138	16.791	129699.250	136384.122	4.902

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	20 Dec 2024 09:05
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068059.D	Misc:	
Instrument:	FID_C	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.117	6.389	9123272.000	60.000	ug/ml
Aliphatic C12-C16	6.390	9.779	6147282.000	40.000	ug/ml
Aliphatic C16-C21	9.780	13.137	8675091.000	60.000	ug/ml
Aliphatic C21-C28	13.138	16.791	10375940.000	80.000	ug/ml
Aliphatic C28-C40	16.792	21.609	12271986.000	120.000	ug/ml
Aliphatic EPH	3.117	21.609	46593571.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FC122024AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC068071.D

Aliphatic C28-C40	12785603.000	120.000	16.792	21.609	106546.692	105964.639	-0.549
Aliphatic EPH	42958637.000	360.000	3.117	21.609	119329.547	135215.008	11.748
Aliphatic C9-C12	7756045.000	60.000	3.117	6.389	129267.417	158302.459	18.341
Aliphatic C12-C16	5307951.000	40.000	6.390	9.779	132698.775	160275.290	17.206
Aliphatic C16-C21	7636984.000	60.000	9.780	13.137	127283.067	152362.625	16.460
Aliphatic C21-C28	9472054.000	80.000	13.138	16.791	118400.675	136384.122	13.186

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	20 Dec 2024 18:17
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068071.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.117	6.389	7756045.000	60.000	ug/ml
Aliphatic C12-C16	6.390	9.779	5307951.000	40.000	ug/ml
Aliphatic C16-C21	9.780	13.137	7636984.000	60.000	ug/ml
Aliphatic C21-C28	13.138	16.791	9472054.000	80.000	ug/ml
Aliphatic C28-C40	16.792	21.609	12785603.000	120.000	ug/ml
Aliphatic EPH	3.117	21.609	42958637.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD122024AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FD048897.D

Aromatic C10-C12	7444754.000	40.000	4.083	5.800	186118.850	190209.437	2.151
Aromatic C12-C16	10696363.000	60.000	5.801	8.405	178272.717	185883.358	4.094
Aromatic C16-C21	12508773.000	80.000	8.406	12.669	156359.663	169519.943	7.763
Aromatic C21-C36	24222747.000	180.000	12.670	18.077	134570.817	141588.666	4.957
Aromatic EPH	54872637.000	360.000	4.083	18.077	152423.992	160580.373	5.079

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	20 Dec 2024 09:05
Client Sample ID:		Operator:	YP/AJ
Data file:	FD048897.D	Misc:	
Instrument:	FID_D	ALS Vial:	53
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.083	5.800	7444754.000	40.000	ug/ml
Aromatic C12-C16	5.801	8.405	10696363.000	60.000	ug/ml
Aromatic C16-C21	8.406	12.669	12508773.000	80.000	ug/ml
Aromatic C21-C36	12.670	18.077	24222747.000	180.000	ug/ml
Aromatic EPH	4.083	18.077	54872637.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD122024AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FD048909.D

Aromatic C10-C12	7122880.000	40.000	4.083	5.800	178072.000	190209.437	6.381
Aromatic C12-C16	10357272.000	60.000	5.801	8.405	172621.200	185883.358	7.135
Aromatic C16-C21	11644106.000	80.000	8.406	12.669	145551.325	169519.943	14.139
Aromatic C21-C36	23719010.000	180.000	12.670	18.077	131772.278	141588.666	6.933
Aromatic EPH	52843268.000	360.000	4.083	18.077	146786.856	160580.373	8.590

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	20 Dec 2024 18:17
Client Sample ID:		Operator:	YP/AJ
Data file:	FD048909.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.083	5.800	7122880.000	40.000	ug/ml
Aromatic C12-C16	5.801	8.405	10357272.000	60.000	ug/ml
Aromatic C16-C21	8.406	12.669	11644106.000	80.000	ug/ml
Aromatic C21-C36	12.670	18.077	23719010.000	180.000	ug/ml
Aromatic EPH	4.083	18.077	52843268.000	360.000	ug/ml



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
Data File : FC068063.D
Signal(s) : FID1A.ch
Acq On : 20 Dec 2024 12:45
Operator : YP/AJ
Sample : P5299-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
SB-01

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
Quant Time: Dec 21 01:51:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 07:59:10 2024
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...	12.892	6470771	50.714 ug/ml
Spiked Amount	50.000	Recovery	= 101.43%

Target Compounds

(f)=RT Delta > 1/2 Window

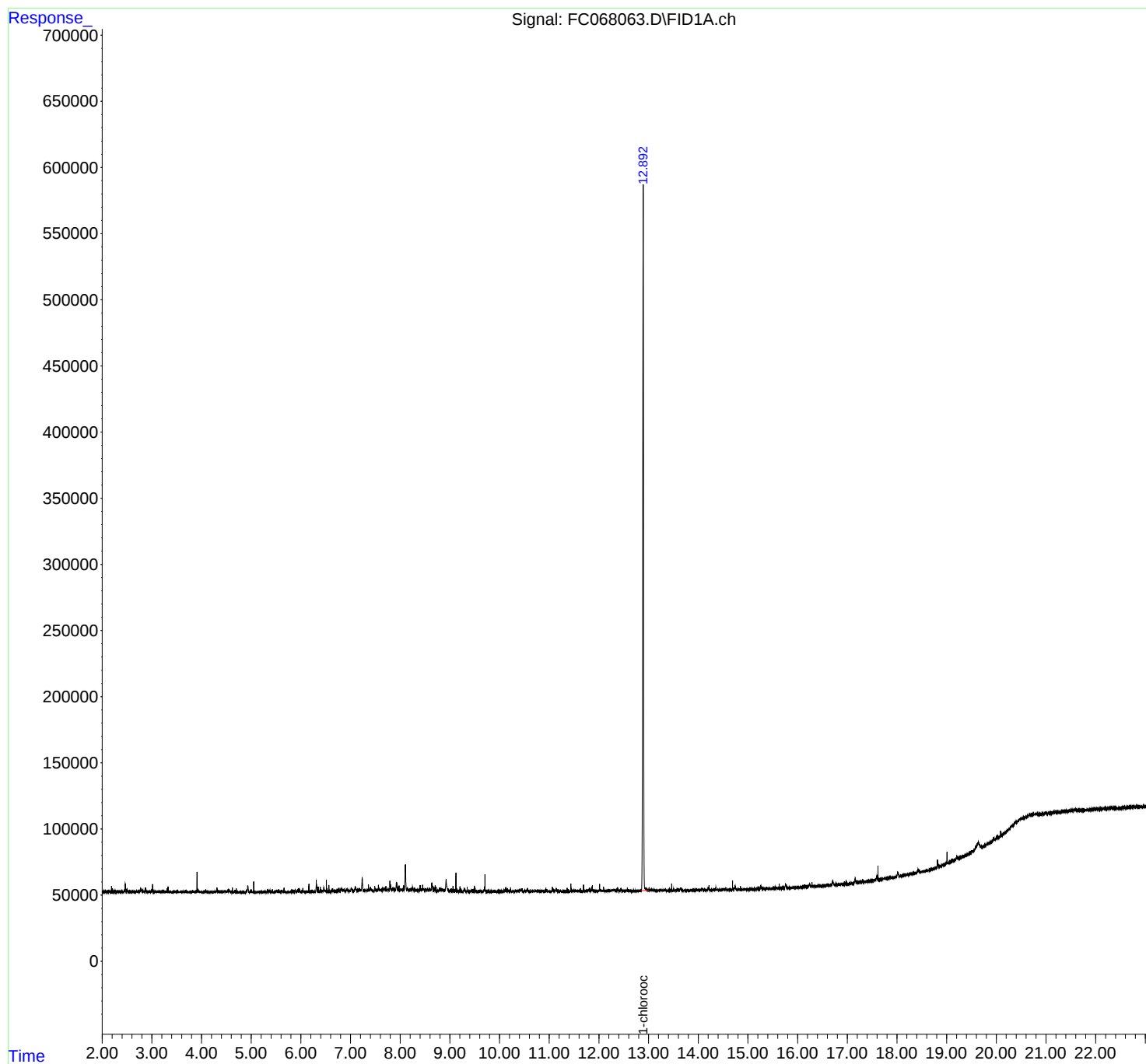
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
Data File : FC068063.D
Signal(s) : FID1A.ch
Acq On : 20 Dec 2024 12:45
Operator : YP/AJ
Sample : P5299-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
SB-01

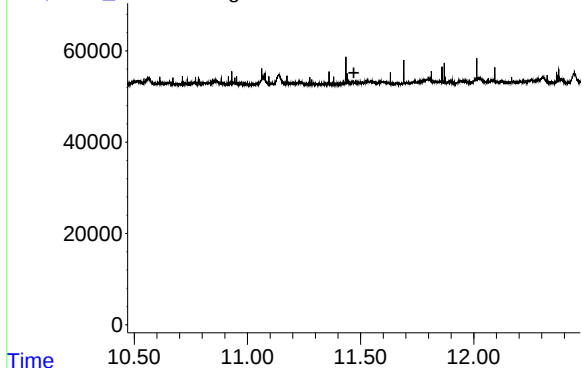
Integration File: autoint1.e
Quant Time: Dec 21 01:51:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 07:59:10 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Signal: FC068063.D\FID1A.ch

#9 ortho-Terphenyl (SURR)

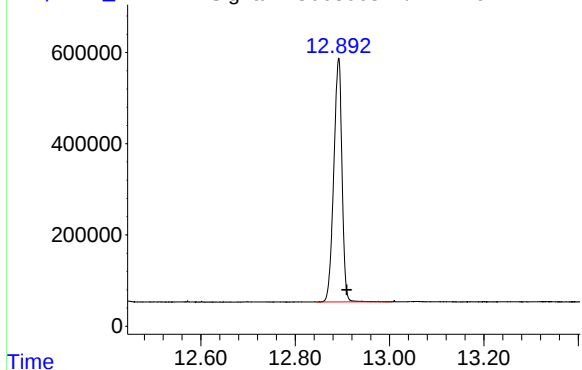


R.T.: 0.000 min
Exp R.T.: 11.470 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
SB-01

Signal: FC068063.D\FID1A.ch

#12 1-chlorooctadecane (SURR)



R.T.: 12.892 min
Delta R.T.: -0.018 min
Response: 6470771
Conc: 50.71 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
 Data File : FC068063.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 12:45
 Sample : P5299-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.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	3.151	3.104	3.175	BV	121	1941	0.03%	0.010%
2	3.218	3.175	3.231	VV	689	5447	0.08%	0.027%
3	3.244	3.231	3.277	VV	429	5023	0.08%	0.025%
4	3.304	3.277	3.314	PV	1073	3189	0.05%	0.016%
5	3.326	3.314	3.354	PV	1033	5971	0.09%	0.029%
6	3.381	3.354	3.459	VV	257	4001	0.06%	0.020%
7	3.488	3.459	3.497	PV	108	1170	0.02%	0.006%
8	3.508	3.497	3.554	VV	664	6168	0.09%	0.030%
9	3.565	3.554	3.600	VV	319	4023	0.06%	0.020%
10	3.614	3.600	3.636	VV	237	2609	0.04%	0.013%
11	3.648	3.636	3.670	VV	129	1260	0.02%	0.006%
12	3.684	3.670	3.711	VV	536	2978	0.05%	0.015%
13	3.734	3.711	3.786	VV	251	5465	0.08%	0.027%
14	3.821	3.786	3.845	VV	808	6968	0.11%	0.034%
15	3.854	3.845	3.862	VV	154	1005	0.02%	0.005%
16	3.909	3.862	3.920	VV	4794	22150	0.34%	0.108%
17	3.933	3.920	3.983	VV	1293	15609	0.24%	0.076%
18	4.000	3.983	4.018	VV	242	3533	0.05%	0.017%
19	4.024	4.018	4.035	VV	137	1154	0.02%	0.006%
20	4.083	4.035	4.102	VV	1109	18836	0.29%	0.092%
21	4.111	4.102	4.125	VV	491	2838	0.04%	0.014%
22	4.135	4.125	4.155	VV	207	2629	0.04%	0.013%
23	4.166	4.155	4.195	VV	189	2895	0.04%	0.014%
24	4.234	4.195	4.244	VV	212	4097	0.06%	0.020%
25	4.255	4.244	4.284	VV	242	3516	0.05%	0.017%
26	4.310	4.284	4.326	VV	1227	14407	0.22%	0.071%
27	4.337	4.326	4.368	VV	531	6705	0.10%	0.033%
28	4.407	4.368	4.435	VV	732	11282	0.17%	0.055%
29	4.470	4.435	4.511	VV	1491	23165	0.36%	0.113%
30	4.526	4.511	4.541	VV	1264	12523	0.19%	0.061%
31	4.556	4.541	4.642	VV	2064	29532	0.45%	0.145%
32	4.677	4.642	4.694	VV	681	7383	0.11%	0.036%
33	4.701	4.694	4.758	VV	1138	7377	0.11%	0.036%
34	4.769	4.758	4.804	VV	224	3391	0.05%	0.017%
35	4.855	4.804	4.884	PV	399	8751	0.13%	0.043%
36	4.933	4.884	4.962	VV	5019	63711	0.98%	0.312%

					rt	ret	area	%area
37	4.989	4.962	5.026	VV	1114	16778	0.26%	0.082%
38	5.051	5.026	5.074	VV	2778	9964	0.15%	0.049%
39	5.095	5.074	5.104	PV	173	1466	0.02%	0.007%
40	5.127	5.104	5.144	VV	338	5617	0.09%	0.028%
41	5.160	5.144	5.183	VV	240	4770	0.07%	0.023%
42	5.195	5.183	5.211	VV	271	2936	0.05%	0.014%
43	5.220	5.211	5.236	VV	174	2255	0.03%	0.011%
44	5.247	5.236	5.274	VV	191	3918	0.06%	0.019%
45	5.301	5.274	5.315	VV	311	5016	0.08%	0.025%
46	5.334	5.315	5.359	VV	1799	23560	0.36%	0.115%
47	5.375	5.359	5.400	VV	1853	21513	0.33%	0.105%
48	5.428	5.400	5.463	VV	1037	10762	0.17%	0.053%
49	5.515	5.463	5.567	VV	895	21092	0.32%	0.103%
50	5.579	5.567	5.598	VV	277	3796	0.06%	0.019%
51	5.601	5.598	5.651	VV	681	12415	0.19%	0.061%
52	5.661	5.651	5.695	VV	1549	9584	0.15%	0.047%
53	5.721	5.695	5.761	VV	393	9511	0.15%	0.047%
54	5.788	5.761	5.808	VV	389	6323	0.10%	0.031%
55	5.818	5.808	5.848	VV	941	7286	0.11%	0.036%
56	5.884	5.848	5.908	VV	849	19059	0.29%	0.093%
57	5.930	5.908	5.961	VV	1135	21032	0.32%	0.103%
58	5.973	5.961	6.014	VV	1522	19400	0.30%	0.095%
59	6.037	6.014	6.079	VV	1520	25282	0.39%	0.124%
60	6.105	6.079	6.130	VV	646	12809	0.20%	0.063%
61	6.163	6.130	6.220	VV	2313	27905	0.43%	0.137%
62	6.229	6.220	6.258	VV	844	10574	0.16%	0.052%
63	6.313	6.258	6.338	VV	6001	77000	1.18%	0.377%
64	6.351	6.338	6.380	VV	2030	14453	0.22%	0.071%
65	6.395	6.380	6.420	VV	1253	20403	0.31%	0.100%
66	6.431	6.420	6.443	VV	898	9772	0.15%	0.048%
67	6.462	6.443	6.486	VV	3644	45754	0.70%	0.224%
68	6.497	6.486	6.521	VV	1073	19858	0.30%	0.097%
69	6.534	6.521	6.608	VV	1354	34653	0.53%	0.170%
70	6.632	6.608	6.657	VV	1633	21987	0.34%	0.108%
71	6.673	6.657	6.734	VV	1275	28854	0.44%	0.141%
72	6.767	6.734	6.784	VV	1782	27899	0.43%	0.137%
73	6.808	6.784	6.848	VV	2230	56005	0.86%	0.274%
74	6.870	6.848	6.898	VV	1875	39444	0.61%	0.193%
75	6.932	6.898	6.954	VV	2054	49689	0.76%	0.243%
76	6.971	6.954	6.990	VV	1488	21636	0.33%	0.106%
77	7.014	6.990	7.051	VV	3245	58885	0.90%	0.288%
78	7.095	7.051	7.128	VV	4166	82916	1.27%	0.406%
79	7.152	7.128	7.164	VV	1436	27281	0.42%	0.134%
80	7.182	7.164	7.212	VV	1992	47337	0.73%	0.232%
81	7.235	7.212	7.261	VV	10193	125075	1.92%	0.612%
82	7.287	7.261	7.310	VV	1733	38199	0.59%	0.187%
83	7.326	7.310	7.341	VV	1789	27584	0.42%	0.135%
84	7.361	7.341	7.380	VV	3094	34637	0.53%	0.170%
85	7.407	7.380	7.433	VV	2956	58872	0.90%	0.288%
86	7.444	7.433	7.469	VV	1262	22642	0.35%	0.111%
87	7.495	7.469	7.531	VV	2657	59318	0.91%	0.290%
88	7.570	7.531	7.587	VV	2389	60672	0.93%	0.297%
89	7.599	7.587	7.634	VV	1960	41739	0.64%	0.204%

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90	7.658	7.634	7.674	VV	2872	46924	0.72%	0.230%
91	7.689	7.674	7.700	VV	2386	31708	0.49%	0.155%
92	7.713	7.700	7.729	VV	3145	34868	0.54%	0.171%
93	7.755	7.729	7.774	VV	2786	49435	0.76%	0.242%
94	7.799	7.774	7.825	VV	4218	82347	1.26%	0.403%
95	7.855	7.825	7.904	VV	3246	88522	1.36%	0.433%
96	7.925	7.904	7.951	VV	7499	101868	1.56%	0.499%
97	7.976	7.951	7.992	VV	2942	40286	0.62%	0.197%
98	8.012	7.992	8.031	VV	2266	38432	0.59%	0.188%
99	8.103	8.031	8.131	VV	20660	301120	4.62%	1.474%
100	8.151	8.131	8.176	VV	2501	49135	0.75%	0.241%
101	8.200	8.176	8.232	VV	2133	59323	0.91%	0.290%
102	8.251	8.232	8.272	VV	2787	45551	0.70%	0.223%
103	8.295	8.272	8.320	VV	1664	42426	0.65%	0.208%
104	8.336	8.320	8.361	VV	1651	33503	0.51%	0.164%
105	8.402	8.361	8.438	VV	2980	69747	1.07%	0.342%
106	8.452	8.438	8.498	VV	2942	62865	0.97%	0.308%
107	8.516	8.498	8.536	VV	2107	36180	0.56%	0.177%
108	8.553	8.536	8.575	VV	2180	40017	0.61%	0.196%
109	8.592	8.575	8.618	VV	2153	43133	0.66%	0.211%
110	8.639	8.618	8.738	VV	6763	152809	2.35%	0.748%
111	8.758	8.738	8.771	VV	1051	16817	0.26%	0.082%
112	8.790	8.771	8.801	VV	2069	22687	0.35%	0.111%
113	8.822	8.801	8.844	VV	2225	39124	0.60%	0.192%
114	8.860	8.844	8.901	VV	1888	48857	0.75%	0.239%
115	8.924	8.901	8.991	VV	8745	154832	2.38%	0.758%
116	9.009	8.991	9.038	VV	1571	24530	0.38%	0.120%
117	9.062	9.038	9.099	VV	1445	23215	0.36%	0.114%
118	9.121	9.099	9.178	VV	4959	38556	0.59%	0.189%
119	9.189	9.178	9.194	VV	576	4152	0.06%	0.020%
120	9.205	9.194	9.213	VV	1739	8960	0.14%	0.044%
121	9.224	9.213	9.258	VV	1337	14069	0.22%	0.069%
122	9.289	9.258	9.325	VV	2220	35288	0.54%	0.173%
123	9.348	9.325	9.404	VV	1526	21700	0.33%	0.106%
124	9.428	9.404	9.441	VV	872	11226	0.17%	0.055%
125	9.444	9.441	9.455	VV	843	3799	0.06%	0.019%
126	9.494	9.455	9.555	VV	1789	23158	0.36%	0.113%
127	9.571	9.555	9.598	VV	517	4957	0.08%	0.024%
128	9.621	9.598	9.648	VV	547	10117	0.16%	0.050%
129	9.705	9.648	9.748	VV	4282	53092	0.82%	0.260%
130	9.775	9.748	9.951	PV	376	18062	0.28%	0.088%
131	9.978	9.951	9.994	VV	302	3821	0.06%	0.019%
132	10.005	9.994	10.061	VV	705	12081	0.19%	0.059%
133	10.085	10.061	10.111	VV	1051	16364	0.25%	0.080%
134	10.126	10.111	10.167	VV	1630	17887	0.27%	0.088%
135	10.177	10.167	10.202	VV	435	7555	0.12%	0.037%
136	10.208	10.202	10.215	VV	761	2653	0.04%	0.013%
137	10.222	10.215	10.268	VV	806	6935	0.11%	0.034%
138	10.300	10.268	10.314	VV	487	8331	0.13%	0.041%
139	10.326	10.314	10.351	VV	497	8645	0.13%	0.042%
140	10.375	10.351	10.401	VV	661	14979	0.23%	0.073%
141	10.436	10.401	10.478	VV	1330	36332	0.56%	0.178%

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142	10.518	10.478	10.538	VV	935	22706	0.35%	0.111%
143	10.564	10.538	10.597	VV	1437	26681	0.41%	0.131%
144	10.614	10.597	10.638	VV	775	8168	0.13%	0.040%
145	10.656	10.638	10.668	VV	446	6365	0.10%	0.031%
146	10.670	10.668	10.703	VV	680	4642	0.07%	0.023%
147	10.785	10.703	10.798	VV	854	19053	0.29%	0.093%
148	10.861	10.798	10.911	VV	814	28320	0.43%	0.139%
149	10.931	10.911	11.008	VV	1135	14733	0.23%	0.072%
150	11.066	11.008	11.104	PV	1531	28327	0.44%	0.139%
151	11.138	11.104	11.201	VV	2094	35349	0.54%	0.173%
152	11.231	11.201	11.271	VV	495	10857	0.17%	0.053%
153	11.285	11.271	11.344	VV	357	4053	0.06%	0.020%
154	11.361	11.344	11.404	VV	1035	4775	0.07%	0.023%
155	11.435	11.404	11.454	VV	1981	11482	0.18%	0.056%
156	11.466	11.454	11.481	VV	472	5873	0.09%	0.029%
157	11.531	11.481	11.541	VV	608	14502	0.22%	0.071%
158	11.548	11.541	11.571	VV	584	7281	0.11%	0.036%
159	11.592	11.571	11.641	VV	492	13897	0.21%	0.068%
160	11.656	11.641	11.669	VV	93	1194	0.02%	0.006%
161	11.691	11.669	11.751	VV	2046	13868	0.21%	0.068%
162	11.801	11.751	11.838	VV	1038	33908	0.52%	0.166%
163	11.871	11.838	11.881	VV	1402	14674	0.23%	0.072%
164	11.904	11.881	11.920	VV	562	6924	0.11%	0.034%
165	11.942	11.920	11.985	VV	557	15021	0.23%	0.074%
166	12.015	11.985	12.069	VV	2412	33738	0.52%	0.165%
167	12.092	12.069	12.107	VV	1054	12807	0.20%	0.063%
168	12.122	12.107	12.153	VV	526	8341	0.13%	0.041%
169	12.168	12.153	12.194	VV	613	6302	0.10%	0.031%
170	12.254	12.194	12.267	VV	678	18216	0.28%	0.089%
171	12.305	12.267	12.356	VV	1313	30990	0.48%	0.152%
172	12.375	12.356	12.408	VV	1339	18308	0.28%	0.090%
173	12.444	12.408	12.478	VV	2136	30080	0.46%	0.147%
174	12.483	12.478	12.494	VV	275	2215	0.03%	0.011%
175	12.505	12.494	12.538	VV	231	4769	0.07%	0.023%
176	12.571	12.538	12.611	VV	1103	12247	0.19%	0.060%
177	12.617	12.611	12.674	VV	71	1079	0.02%	0.005%
178	12.699	12.674	12.721	PV	478	5532	0.08%	0.027%
179	12.731	12.721	12.752	VV	287	3740	0.06%	0.018%
180	12.765	12.752	12.784	VV	219	2368	0.04%	0.012%
181	12.811	12.784	12.830	VV	260	4940	0.08%	0.024%
182	12.892	12.830	13.004	VV	531419	6511812	100.00%	31.885%
183	13.010	13.004	13.092	VV	1385	37894	0.58%	0.186%
184	13.105	13.092	13.158	VV	600	16801	0.26%	0.082%
185	13.181	13.158	13.189	VV	334	5621	0.09%	0.028%
186	13.201	13.189	13.293	VV	556	21514	0.33%	0.105%
187	13.339	13.293	13.381	VV	637	20317	0.31%	0.099%
188	13.395	13.381	13.413	VV	222	3420	0.05%	0.017%
189	13.421	13.413	13.429	VV	982	3115	0.05%	0.015%
190	13.465	13.429	13.473	VV	2071	8797	0.14%	0.043%
191	13.507	13.473	13.534	VV	761	13224	0.20%	0.065%
192	13.585	13.534	13.612	VV	718	15854	0.24%	0.078%
193	13.641	13.612	13.718	VV	1914	31118	0.48%	0.152%
194	13.736	13.718	13.808	PV	81	1988	0.03%	0.010%

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195	13.848	13.808	13.881	PV	526	4395	0.07%	0.022%
196	13.895	13.881	13.924	VV	244	4165	0.06%	0.020%
197	13.965	13.924	13.988	VV	661	4867	0.07%	0.024%
198	13.992	13.988	14.010	VV	403	1914	0.03%	0.009%
199	14.022	14.010	14.048	VV	366	2851	0.04%	0.014%
200	14.075	14.048	14.118	VV	1313	22936	0.35%	0.112%
201	14.128	14.118	14.134	VV	724	2997	0.05%	0.015%
202	14.201	14.134	14.214	VV	1497	24125	0.37%	0.118%
203	14.217	14.214	14.237	VV	1834	5823	0.09%	0.029%
204	14.259	14.237	14.268	VV	220	2652	0.04%	0.013%
205	14.357	14.268	14.432	VV	817	26134	0.40%	0.128%
206	14.451	14.432	14.468	VV	278	4145	0.06%	0.020%
207	14.511	14.468	14.628	VV	638	26814	0.41%	0.131%
208	14.650	14.628	14.672	VV	236	5213	0.08%	0.026%
209	14.691	14.672	14.717	VV	1877	15708	0.24%	0.077%
210	14.742	14.717	14.830	VV	2821	48765	0.75%	0.239%
211	14.850	14.830	14.893	PV	605	4603	0.07%	0.023%
212	14.917	14.893	14.958	VV	146	4059	0.06%	0.020%
213	14.991	14.958	15.001	VV	124	1649	0.03%	0.008%
214	15.013	15.001	15.022	VV	118	692	0.01%	0.003%
215	15.052	15.022	15.061	PV	134	1149	0.02%	0.006%
216	15.074	15.061	15.108	VV	114	1886	0.03%	0.009%
217	15.121	15.108	15.134	PV	396	2197	0.03%	0.011%
218	15.161	15.134	15.194	VV	356	7805	0.12%	0.038%
219	15.218	15.194	15.228	VV	844	3835	0.06%	0.019%
220	15.261	15.228	15.301	VV	2187	31540	0.48%	0.154%
221	15.316	15.301	15.329	VV	155	1710	0.03%	0.008%
222	15.372	15.329	15.387	VV	498	3310	0.05%	0.016%
223	15.467	15.387	15.504	VV	154	8039	0.12%	0.039%
224	15.518	15.504	15.604	VV	523	12864	0.20%	0.063%
225	15.630	15.604	15.683	VV	1230	11932	0.18%	0.058%
226	15.761	15.683	15.858	PV	2998	54100	0.83%	0.265%
227	15.901	15.858	15.924	PV	234	5079	0.08%	0.025%
228	16.014	15.924	16.090	VV	391	6247	0.10%	0.031%
229	16.243	16.090	16.308	PV	2426	43663	0.67%	0.214%
230	16.321	16.308	16.344	VV	229	3007	0.05%	0.015%
231	16.544	16.344	16.563	PV	211	10526	0.16%	0.052%
232	16.599	16.563	16.644	VV	542	10702	0.16%	0.052%
233	16.708	16.644	16.751	PV	2768	45518	0.70%	0.223%
234	16.772	16.751	16.791	VV	596	1957	0.03%	0.010%
235	17.158	16.791	17.216	PV	3181	46777	0.72%	0.229%
236	17.261	17.216	17.280	PV	453	7229	0.11%	0.035%
237	17.595	17.280	17.641	VV	3066	59234	0.91%	0.290%
238	17.749	17.641	17.773	PV	510	8057	0.12%	0.039%
239	17.876	17.773	17.898	PV	401	7436	0.11%	0.036%
240	18.017	17.898	18.050	VV	3366	47194	0.72%	0.231%
241	18.426	18.050	18.478	VV	2740	49974	0.77%	0.245%
242	18.821	18.478	18.851	PV	1646	-17029	-0.26%	-0.083%
243	19.208	18.851	19.234	PV	2247	93916	1.44%	0.460%
244	19.636	19.234	19.708	VV	6653	546853	8.40%	2.678%
245	19.948	19.708	19.969	VV	4868	474454	7.29%	2.323%
246	20.666	19.969	20.684	VV	12332	3673995	56.42%	17.989%

rteres									
247	20.788	20.684	20.937	VV	11053	1584117	24.33%	7.757%	
248	20.992	20.937	21.019	VV	8355	408880	6.28%	2.002%	
249	21.199	21.019	21.222	VV	6217	835407	12.83%	4.091%	
250	21.528	21.222	21.561	VV	2816	816090	12.53%	3.996%	
251	21.602	21.561	21.654	VV	1976	92521	1.42%	0.453%	
252	21.669	21.654	21.704	VV	712	13712	0.21%	0.067%	
Sum of corrected areas:						20423055			

Aliphatic EPH 121024.M Sat Dec 21 02:40:30 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048901.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 12:45
 Operator : YP/AJ
 Sample : P5299-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SB-01

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Dec 21 04:03:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 2024
 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...	7.359	9429099	55.981 ug/ml
Spiked Amount 50.000		Recovery =	111.96%
6) S 2-Fluorobiphenyl (SURR)	8.209	6138195	59.416 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.83%
11) S ortho-Terphenyl (SURR)	11.245	6955373	39.150 ug/ml
Spiked Amount 50.000		Recovery =	78.30%

Target Compounds

(f)=RT Delta > 1/2 Window

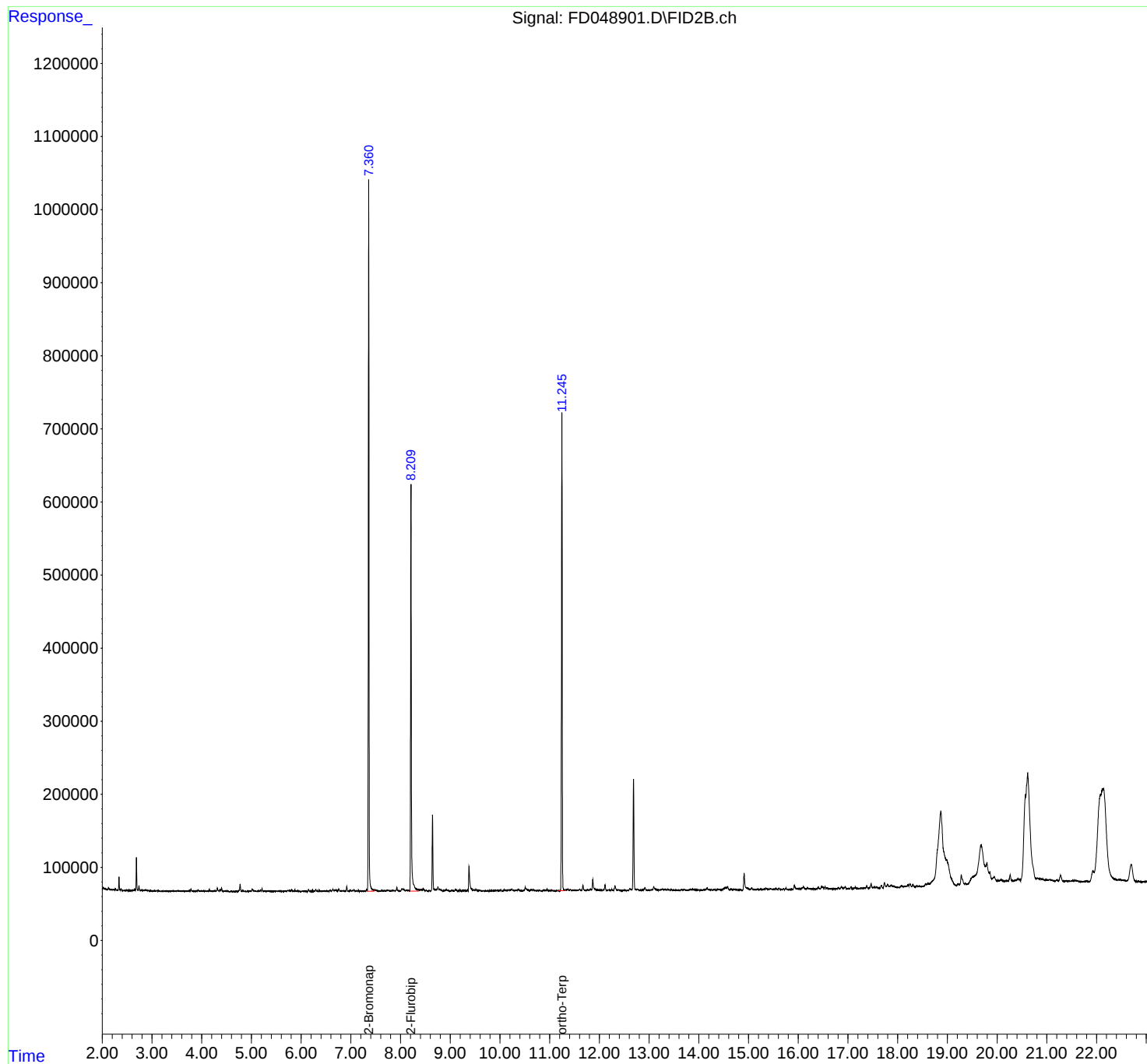
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
Data File : FD048901.D
Signal(s) : FID2B.ch
Acq On : 20 Dec 2024 12:45
Operator : YP/AJ
Sample : P5299-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
SB-01

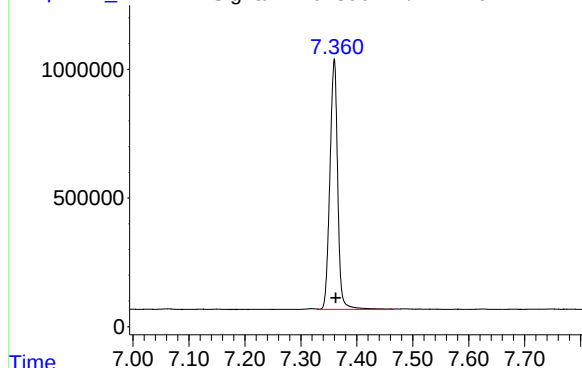
Integration File: autoint1.e
Quant Time: Dec 21 04:03:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 06:07:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Signal: FD048901.D\FID2B.ch

#4 2-Bromonaphthalene (SURR)

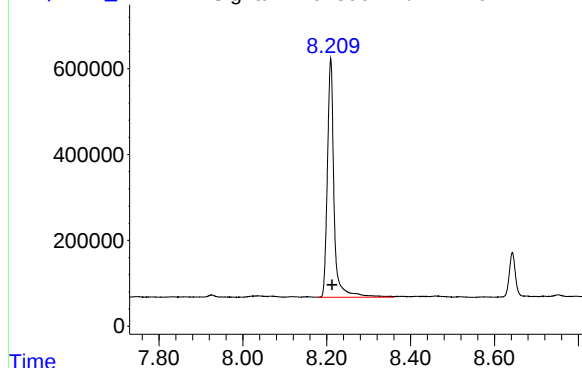


R.T.: 7.359 min
Delta R.T.: -0.003 min
Response: 9429099
Conc: 55.98 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-01

Signal: FD048901.D\FID2B.ch

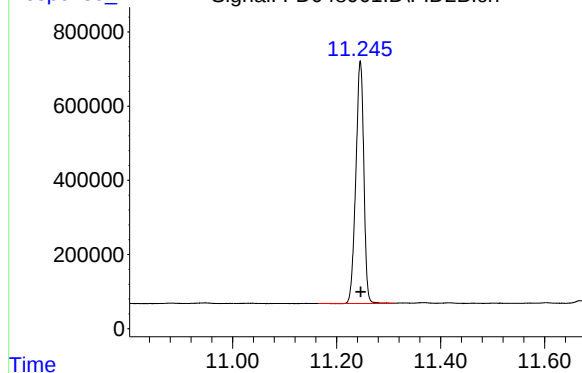
#6 2-Fluorobiphenyl (SURR)



R.T.: 8.209 min
Delta R.T.: -0.004 min
Response: 6138195
Conc: 59.42 ug/ml

Signal: FD048901.D\FID2B.ch

#11 ortho-Terphenyl (SURR)



R.T.: 11.245 min
Delta R.T.: -0.001 min
Response: 6955373
Conc: 39.15 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048901.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 12:45
 Sample : P5299-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH
 121024.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	4.115	4.107	4.132	VV	171	1239	0.01%	0.003%
2	4.154	4.132	4.192	VV	1890	23764	0.25%	0.063%
3	4.196	4.192	4.212	VV	357	1925	0.02%	0.005%
4	4.233	4.220	4.242	VV	322	2660	0.03%	0.007%
5	4.260	4.242	4.288	VV	1061	11729	0.12%	0.031%
6	4.315	4.288	4.354	PV	4159	57091	0.60%	0.152%
7	4.370	4.354	4.385	VV	3177	31717	0.34%	0.084%
8	4.399	4.385	4.442	VV	4612	47474	0.50%	0.126%
9	4.447	4.442	4.458	VV	219	1577	0.02%	0.004%
10	4.476	4.458	4.496	VV	934	9812	0.10%	0.026%
11	4.511	4.496	4.555	VV	816	11668	0.12%	0.031%
12	4.586	4.555	4.602	VV	631	7488	0.08%	0.020%
13	4.609	4.602	4.642	PV	251	1871	0.02%	0.005%
14	4.668	4.653	4.674	PV	245	1551	0.02%	0.004%
15	4.693	4.674	4.731	VV	723	11994	0.13%	0.032%
16	4.772	4.731	4.808	VV	9998	137109	1.45%	0.364%
17	4.828	4.808	4.857	VV	2310	27848	0.29%	0.074%
18	4.878	4.857	4.906	VV	435	8757	0.09%	0.023%
19	4.932	4.906	4.943	VV	545	6213	0.07%	0.017%
20	4.963	4.943	4.985	VV	924	15006	0.16%	0.040%
21	5.015	4.985	5.075	VV	3412	84775	0.90%	0.225%
22	5.082	5.075	5.092	VV	807	7191	0.08%	0.019%
23	5.095	5.092	5.109	VV	680	6036	0.06%	0.016%
24	5.138	5.109	5.162	VV	1053	22748	0.24%	0.060%
25	5.178	5.162	5.195	VV	1793	25379	0.27%	0.067%

				rteres				
26	5.214	5.195	5.241	VV	3918	49198	0.52%	0.131%
27	5.245	5.241	5.249	VV	493	2391	0.03%	0.006%
28	5.270	5.249	5.297	VV	1152	19365	0.21%	0.051%
29	5.303	5.297	5.310	VV	553	3646	0.04%	0.010%
30	5.333	5.310	5.354	VV	919	18179	0.19%	0.048%
31	5.362	5.354	5.387	VV	859	11046	0.12%	0.029%
32	5.394	5.387	5.402	VV	502	3710	0.04%	0.010%
33	5.411	5.402	5.420	VV	446	4267	0.05%	0.011%
34	5.424	5.420	5.435	VV	527	3826	0.04%	0.010%
35	5.439	5.435	5.443	VV	416	1920	0.02%	0.005%
36	5.462	5.443	5.504	VV	886	17927	0.19%	0.048%
37	5.529	5.504	5.534	VV	674	9381	0.10%	0.025%
38	5.539	5.534	5.552	VV	586	5346	0.06%	0.014%
39	5.558	5.552	5.568	VV	561	4355	0.05%	0.012%
40	5.584	5.568	5.590	VV	701	5929	0.06%	0.016%
41	5.595	5.590	5.607	VV	556	4224	0.04%	0.011%
42	5.625	5.607	5.644	VV	835	12162	0.13%	0.032%
43	5.672	5.644	5.678	VV	777	11112	0.12%	0.030%
44	5.684	5.678	5.689	VV	846	5102	0.05%	0.014%
45	5.690	5.689	5.700	VV	950	5364	0.06%	0.014%
46	5.739	5.700	5.750	VV	1764	36906	0.39%	0.098%
47	5.767	5.750	5.791	VV	1676	32286	0.34%	0.086%
48	5.809	5.791	5.835	VV	2759	39216	0.42%	0.104%
49	5.840	5.835	5.853	VV	738	7412	0.08%	0.020%
50	5.875	5.853	5.910	VV	1928	35470	0.38%	0.094%
51	5.938	5.910	5.961	VV	1047	22065	0.23%	0.059%
52	5.967	5.961	5.984	VV	409	3744	0.04%	0.010%
53	5.998	5.984	6.010	VV	301	2015	0.02%	0.005%
54	6.034	6.010	6.061	PV	729	13748	0.15%	0.037%
55	6.065	6.061	6.071	VV	478	1981	0.02%	0.005%
56	6.079	6.071	6.087	VV	392	3118	0.03%	0.008%
57	6.094	6.087	6.103	VV	391	3315	0.04%	0.009%
58	6.108	6.103	6.122	VV	444	3590	0.04%	0.010%
59	6.148	6.122	6.169	VV	3181	40666	0.43%	0.108%
60	6.186	6.169	6.208	VV	725	10287	0.11%	0.027%
61	6.227	6.208	6.247	VV	1898	22564	0.24%	0.060%
62	6.263	6.247	6.275	VV	1229	13450	0.14%	0.036%
63	6.295	6.275	6.312	VV	3286	37871	0.40%	0.101%
64	6.327	6.312	6.346	VV	1107	13860	0.15%	0.037%
65	6.364	6.346	6.387	VV	1658	21421	0.23%	0.057%
66	6.402	6.387	6.425	VV	644	11561	0.12%	0.031%
67	6.472	6.425	6.491	VV	904	26336	0.28%	0.070%
68	6.512	6.491	6.558	VV	981	30284	0.32%	0.080%
69	6.583	6.558	6.616	VV	2275	40908	0.43%	0.109%

				rt	Area	Height	%Area	%Height
70	6.638	6.616	6.651	VV	2645	40342	0.43%	0.107%
71	6.659	6.651	6.671	VV	1895	20934	0.22%	0.056%
72	6.684	6.671	6.692	VV	2196	24302	0.26%	0.065%
73	6.701	6.692	6.727	VV	2315	33649	0.36%	0.089%
74	6.761	6.727	6.784	VV	3374	57630	0.61%	0.153%
75	6.796	6.784	6.800	VV	960	7598	0.08%	0.020%
76	6.804	6.800	6.820	VV	1042	9767	0.10%	0.026%
77	6.841	6.820	6.883	VV	1320	32354	0.34%	0.086%
78	6.889	6.883	6.896	VV	537	3236	0.03%	0.009%
79	6.918	6.896	6.950	VV	6917	83656	0.89%	0.222%
80	6.982	6.950	7.015	VV	1493	38541	0.41%	0.102%
81	7.027	7.015	7.040	VV	1413	16313	0.17%	0.043%
82	7.062	7.040	7.089	VV	2863	42229	0.45%	0.112%
83	7.097	7.089	7.105	VV	741	6214	0.07%	0.017%
84	7.118	7.105	7.135	VV	1124	16276	0.17%	0.043%
85	7.151	7.135	7.175	VV	1625	21840	0.23%	0.058%
86	7.179	7.175	7.184	VV	421	1892	0.02%	0.005%
87	7.199	7.184	7.208	VV	501	6107	0.06%	0.016%
88	7.225	7.208	7.252	VV	840	16756	0.18%	0.045%
89	7.264	7.252	7.277	VV	679	9174	0.10%	0.024%
90	7.319	7.277	7.333	VV	3458	50763	0.54%	0.135%
91	7.360	7.333	7.455	VV	976685	9444504	100.00%	25.091%
92	7.462	7.455	7.466	VV	2200	13486	0.14%	0.036%
93	7.488	7.466	7.504	VV	2431	46560	0.49%	0.124%
94	7.512	7.504	7.531	VV	1627	22559	0.24%	0.060%
95	7.537	7.531	7.570	VV	1137	20403	0.22%	0.054%
96	7.583	7.570	7.606	VV	1071	17166	0.18%	0.046%
97	7.626	7.606	7.646	VV	1922	26387	0.28%	0.070%
98	7.656	7.646	7.667	VV	819	9201	0.10%	0.024%
99	7.682	7.667	7.698	VV	1213	17558	0.19%	0.047%
100	7.717	7.698	7.726	VV	1287	18314	0.19%	0.049%
101	7.748	7.726	7.765	VV	1984	32481	0.34%	0.086%
102	7.781	7.765	7.802	VV	1119	21210	0.22%	0.056%
103	7.804	7.802	7.813	VV	877	5355	0.06%	0.014%
104	7.835	7.813	7.847	VV	1415	22467	0.24%	0.060%
105	7.859	7.847	7.874	VV	1354	18466	0.20%	0.049%
106	7.879	7.874	7.883	VV	1080	5267	0.06%	0.014%
107	7.926	7.883	7.987	VV	5713	106666	1.13%	0.283%
108	8.037	7.987	8.059	VV	3590	95399	1.01%	0.253%
109	8.069	8.059	8.099	VV	2899	47643	0.50%	0.127%
110	8.120	8.099	8.137	VV	1755	30061	0.32%	0.080%
111	8.154	8.137	8.184	VV	1629	28356	0.30%	0.075%
112	8.210	8.184	8.337	VV	555625	6157272	65.19%	16.358%

rteres								
113	8.341	8.337	8.359	VV	2381	29916	0.32%	0.079%
114	8.380	8.359	8.397	VV	2492	49052	0.52%	0.130%
115	8.412	8.397	8.425	VV	2461	37860	0.40%	0.101%
116	8.432	8.425	8.445	VV	2383	25797	0.27%	0.069%
117	8.460	8.445	8.502	VV	3235	72551	0.77%	0.193%
118	8.516	8.502	8.557	VV	1614	27447	0.29%	0.073%
119	8.575	8.557	8.596	VV	1188	20303	0.21%	0.054%
120	8.643	8.596	8.671	VV	104641	1077049	11.40%	2.861%
121	8.676	8.671	8.689	VV	3147	29526	0.31%	0.078%
122	8.695	8.689	8.706	VV	2382	22889	0.24%	0.061%
123	8.718	8.706	8.730	VV	2854	35020	0.37%	0.093%
124	8.752	8.730	8.777	VV	5863	105449	1.12%	0.280%
125	8.794	8.777	8.814	VV	2765	49540	0.52%	0.132%
126	8.827	8.814	8.860	VV	2097	29941	0.32%	0.080%
127	8.877	8.860	8.892	VV	1233	16868	0.18%	0.045%
128	8.924	8.892	8.946	VV	2008	49341	0.52%	0.131%
129	8.950	8.946	8.993	VV	1311	22494	0.24%	0.060%
130	9.041	8.993	9.067	VV	1395	34834	0.37%	0.093%
131	9.102	9.067	9.147	VV	2288	59475	0.63%	0.158%
132	9.151	9.147	9.157	VV	658	3588	0.04%	0.010%
133	9.192	9.157	9.233	VV	1558	43837	0.46%	0.116%
134	9.244	9.233	9.259	VV	1176	13545	0.14%	0.036%
135	9.274	9.259	9.288	VV	1256	16983	0.18%	0.045%
136	9.295	9.288	9.332	VV	1248	22380	0.24%	0.059%
137	9.345	9.332	9.359	VV	1621	17481	0.19%	0.046%
138	9.377	9.359	9.459	VV	34114	573670	6.07%	1.524%
139	9.465	9.459	9.470	VV	1911	11941	0.13%	0.032%
140	9.474	9.470	9.499	VV	1912	24809	0.26%	0.066%
141	9.517	9.499	9.549	VV	2663	46056	0.49%	0.122%
142	9.556	9.549	9.573	VV	1165	13337	0.14%	0.035%
143	9.590	9.573	9.647	VV	1349	41371	0.44%	0.110%
144	9.658	9.647	9.668	VV	768	7743	0.08%	0.021%
145	9.683	9.668	9.704	VV	836	13921	0.15%	0.037%
146	9.717	9.704	9.745	VV	819	15169	0.16%	0.040%
147	9.758	9.745	9.777	VV	922	12538	0.13%	0.033%
148	9.791	9.777	9.806	VV	749	8710	0.09%	0.023%
149	9.829	9.806	9.849	VV	1285	20475	0.22%	0.054%
150	9.862	9.849	9.870	VV	863	9104	0.10%	0.024%
151	9.890	9.870	9.895	VV	1005	12849	0.14%	0.034%
152	9.908	9.895	9.922	VV	1282	16584	0.18%	0.044%
153	9.938	9.922	9.960	VV	1285	23017	0.24%	0.061%
154	9.966	9.960	9.971	VV	753	5299	0.06%	0.014%
155	9.985	9.971	9.999	VV	1047	15234	0.16%	0.040%

rteres									
156	10.017	9.999	10.045	VV	2154	33448	0.35%	0.089%	
157	10.087	10.045	10.101	VV	2090	42845	0.45%	0.114%	
158	10.110	10.101	10.125	VV	1788	19678	0.21%	0.052%	
159	10.140	10.125	10.160	VV	1494	25696	0.27%	0.068%	
160	10.183	10.160	10.202	VV	1740	35831	0.38%	0.095%	
161	10.235	10.202	10.283	VV	2808	86800	0.92%	0.231%	
162	10.299	10.283	10.313	VV	1258	19291	0.20%	0.051%	
163	10.337	10.313	10.350	VV	1594	30622	0.32%	0.081%	
164	10.372	10.350	10.425	VV	3060	68887	0.73%	0.183%	
165	10.432	10.425	10.448	VV	968	11428	0.12%	0.030%	
166	10.466	10.448	10.477	VV	1100	16173	0.17%	0.043%	
167	10.510	10.477	10.588	VV	5212	148425	1.57%	0.394%	
168	10.638	10.588	10.657	VV	2681	72142	0.76%	0.192%	
169	10.668	10.657	10.689	VV	2018	29841	0.32%	0.079%	
170	10.703	10.689	10.725	VV	1175	17734	0.19%	0.047%	
171	10.749	10.725	10.767	VV	793	16657	0.18%	0.044%	
172	10.787	10.767	10.824	VV	1055	24190	0.26%	0.064%	
173	10.883	10.824	10.910	VV	1615	39746	0.42%	0.106%	
174	10.947	10.910	10.976	VV	2247	49704	0.53%	0.132%	
175	10.996	10.976	11.005	VV	904	11735	0.12%	0.031%	
176	11.033	11.005	11.067	VV	1169	30404	0.32%	0.081%	
177	11.092	11.067	11.122	VV	697	16254	0.17%	0.043%	
178	11.141	11.122	11.209	VV	801	27795	0.29%	0.074%	
179	11.246	11.209	11.310	VV	654745	6997948	74.10%	18.591%	
180	11.327	11.310	11.349	VV	2005	39553	0.42%	0.105%	
181	11.367	11.349	11.391	VV	2764	52149	0.55%	0.139%	
182	11.416	11.391	11.450	VV	2387	51951	0.55%	0.138%	
183	11.464	11.450	11.483	VV	1272	20215	0.21%	0.054%	
184	11.504	11.483	11.547	VV	1329	41052	0.43%	0.109%	
185	11.574	11.547	11.589	VV	1544	31652	0.34%	0.084%	
186	11.603	11.589	11.640	VV	2623	52133	0.55%	0.138%	
187	11.668	11.640	11.700	VV	7940	130049	1.38%	0.345%	
188	11.706	11.700	11.730	VV	1679	22322	0.24%	0.059%	
189	11.760	11.730	11.789	VV	1824	50250	0.53%	0.133%	
190	11.824	11.789	11.843	VV	2534	61802	0.65%	0.164%	
191	11.866	11.843	11.932	VV	15855	293795	3.11%	0.781%	
192	11.941	11.932	11.974	VV	1840	38654	0.41%	0.103%	
193	11.982	11.974	11.999	VV	1389	19744	0.21%	0.052%	
194	12.023	11.999	12.050	VV	1631	41320	0.44%	0.110%	
195	12.113	12.050	12.142	VV	8078	152478	1.61%	0.405%	
196	12.150	12.142	12.165	VV	1011	13790	0.15%	0.037%	
197	12.188	12.165	12.220	VV	1862	42889	0.45%	0.114%	
198	12.250	12.220	12.275	VV	2617	46804	0.50%	0.124%	
199	12.314	12.275	12.358	VV	7170	153962	1.63%	0.409%	

				rteres				
200	12.379	12.358	12.409	VV	1961	41867	0.44%	0.111%
201	12.416	12.409	12.427	VV	904	7972	0.08%	0.021%
202	12.443	12.427	12.459	VV	706	12398	0.13%	0.033%
203	12.501	12.459	12.509	VV	1195	26439	0.28%	0.070%
204	12.515	12.509	12.552	VV	1261	24166	0.26%	0.064%
205	12.568	12.552	12.586	VV	886	14902	0.16%	0.040%
206	12.610	12.586	12.636	VV	3208	64994	0.69%	0.173%
207	12.645	12.636	12.653	VV	2138	22232	0.24%	0.059%
208	12.686	12.653	12.737	VV	153636	1853498	19.63%	4.924%
209	12.765	12.737	12.812	VV	2526	78947	0.84%	0.210%
210	12.881	12.812	12.888	VV	1718	64441	0.68%	0.171%
211	12.915	12.888	12.952	VV	4967	102406	1.08%	0.272%
212	12.966	12.952	13.015	VV	1471	50011	0.53%	0.133%
213	13.093	13.015	13.169	VV	6083	222180	2.35%	0.590%
214	13.203	13.169	13.218	VV	1499	39961	0.42%	0.106%
215	13.268	13.218	13.295	VV	2730	87556	0.93%	0.233%
216	13.313	13.295	13.356	VV	2421	61893	0.66%	0.164%
217	13.391	13.356	13.415	VV	2178	58950	0.62%	0.157%
218	13.441	13.415	13.460	VV	2258	42623	0.45%	0.113%
219	13.470	13.460	13.482	VV	1420	15942	0.17%	0.042%
220	13.493	13.482	13.517	VV	1274	23676	0.25%	0.063%
221	13.537	13.517	13.597	VV	1296	50363	0.53%	0.134%
222	13.610	13.597	13.618	VV	1007	11833	0.13%	0.031%
223	13.656	13.618	13.676	VV	1708	48310	0.51%	0.128%
224	13.697	13.676	13.760	VV	2067	74434	0.79%	0.198%
225	13.767	13.760	13.780	VV	1170	12766	0.14%	0.034%
226	13.803	13.780	13.822	VV	1655	35057	0.37%	0.093%
227	13.838	13.822	13.862	VV	1904	42829	0.45%	0.114%
228	13.875	13.862	13.917	VV	2374	59565	0.63%	0.158%
229	13.928	13.917	13.940	VV	1595	20282	0.21%	0.054%
230	13.960	13.940	13.979	VV	1524	32234	0.34%	0.086%
231	14.003	13.979	14.050	VV	1564	56539	0.60%	0.150%
232	14.057	14.050	14.077	VV	1389	19763	0.21%	0.053%
233	14.098	14.077	14.114	VV	1519	29493	0.31%	0.078%
234	14.167	14.114	14.236	VV	3797	142602	1.51%	0.379%
235	14.253	14.236	14.274	VV	1453	29591	0.31%	0.079%
236	14.309	14.274	14.332	VV	1738	52774	0.56%	0.140%
237	14.347	14.332	14.360	VV	1561	24532	0.26%	0.065%
238	14.383	14.360	14.449	VV	2159	85968	0.91%	0.228%
239	14.463	14.449	14.470	VV	1460	17226	0.18%	0.046%
240	14.509	14.470	14.521	VV	3997	85096	0.90%	0.226%
241	14.543	14.521	14.563	VV	4814	104218	1.10%	0.277%
242	14.580	14.563	14.628	VV	5840	125699	1.33%	0.334%

rteres									
243	14.652	14.628	14.684	VV	2512	63652	0.67%	0.169%	
244	14.708	14.684	14.760	VV	1909	76709	0.81%	0.204%	
245	14.770	14.760	14.817	VV	1449	45374	0.48%	0.121%	
246	14.832	14.817	14.869	VV	1752	41613	0.44%	0.111%	
247	14.911	14.869	15.035	PV	23927	555175	5.88%	1.475%	
248	15.067	15.035	15.093	VV	3730	83488	0.88%	0.222%	
249	15.110	15.093	15.147	VV	1742	45501	0.48%	0.121%	
250	15.183	15.147	15.213	VV	1659	58409	0.62%	0.155%	
251	15.221	15.213	15.234	VV	1393	17227	0.18%	0.046%	
252	15.252	15.234	15.276	VV	1970	41010	0.43%	0.109%	
253	15.286	15.276	15.292	VV	1430	11966	0.13%	0.032%	
254	15.318	15.292	15.334	VV	1704	37903	0.40%	0.101%	
255	15.356	15.334	15.395	VV	2749	73067	0.77%	0.194%	
256	15.401	15.395	15.410	VV	1523	13497	0.14%	0.036%	
257	15.438	15.410	15.480	VV	2241	72795	0.77%	0.193%	
258	15.515	15.480	15.532	VV	1839	43752	0.46%	0.116%	
259	15.552	15.532	15.579	VV	2314	46509	0.49%	0.124%	
260	15.614	15.579	15.649	VV	2856	64503	0.68%	0.171%	
261	15.657	15.649	15.667	VV	742	7529	0.08%	0.020%	
262	15.704	15.667	15.729	VV	1987	41788	0.44%	0.111%	
263	15.754	15.729	15.822	VV	2148	59003	0.62%	0.157%	
264	15.833	15.822	15.846	VV	655	8070	0.09%	0.021%	
265	15.869	15.846	15.885	VV	724	13672	0.14%	0.036%	
266	15.921	15.885	15.995	VV	6781	161210	1.71%	0.428%	
267	16.031	15.995	16.052	VV	1672	42560	0.45%	0.113%	
268	16.071	16.052	16.087	VV	2453	41863	0.44%	0.111%	
269	16.106	16.087	16.152	VV	3993	93021	0.98%	0.247%	
270	16.182	16.152	16.220	VV	2358	65132	0.69%	0.173%	
271	16.233	16.220	16.270	VV	1387	34436	0.36%	0.091%	
272	16.286	16.270	16.325	VV	888	23826	0.25%	0.063%	
273	16.331	16.325	16.337	VV	576	4132	0.04%	0.011%	
274	16.344	16.337	16.370	VV	608	9753	0.10%	0.026%	
275	16.404	16.370	16.437	VV	2909	61665	0.65%	0.164%	
276	16.469	16.437	16.482	VV	3767	64104	0.68%	0.170%	
277	16.493	16.482	16.522	VV	3473	58757	0.62%	0.156%	
278	16.538	16.522	16.560	VV	3647	54230	0.57%	0.144%	
279	16.574	16.560	16.665	VV	1748	49710	0.53%	0.132%	
280	16.671	16.665	16.695	VV	252	3977	0.04%	0.011%	
281	16.712	16.695	16.739	PV	301	3786	0.04%	0.010%	
282	16.802	16.739	16.835	VV	1974	41836	0.44%	0.111%	
283	16.865	16.835	16.904	VV	2536	60662	0.64%	0.161%	
284	16.943	16.904	17.002	VV	3250	65649	0.70%	0.174%	
285	17.060	17.002	17.102	VV	1982	44002	0.47%	0.117%	

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286	17.149	17.102	17.215	PV	1869	43723	0.46%	0.116%
287	17.253	17.215	17.295	VV	595	16901	0.18%	0.045%
288	17.379	17.295	17.410	VV	3538	78431	0.83%	0.208%
289	17.422	17.410	17.434	VV	574	6856	0.07%	0.018%
290	17.466	17.434	17.504	VV	6361	107944	1.14%	0.287%
291	17.526	17.504	17.552	VV	2009	36577	0.39%	0.097%
292	17.577	17.552	17.617	VV	1300	26745	0.28%	0.071%
293	17.671	17.617	17.705	PV	3932	66087	0.70%	0.176%
294	17.733	17.705	17.768	VV	7561	141895	1.50%	0.377%
295	17.799	17.768	17.822	VV	5060	107413	1.14%	0.285%
296	17.833	17.822	17.840	VV	2240	22578	0.24%	0.060%
297	17.865	17.840	18.029	VV	3634	166922	1.77%	0.443%
298	18.074	18.029	18.119	PV	2242	61112	0.65%	0.162%
299	18.152	18.119	18.162	VV	1190	27222	0.29%	0.072%
300	18.207	18.162	18.225	VV	3864	73088	0.77%	0.194%
301	18.247	18.225	18.280	VV	4307	75025	0.79%	0.199%
Sum of corrected areas:						37641604		

Aromatic EPH 121024.M Sat Dec 21 05:20:08 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
Data File : FC068064.D
Signal(s) : FID1A.ch
Acq On : 20 Dec 2024 13:21
Operator : YP/AJ
Sample : P5299-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
SB-02

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
Quant Time: Dec 21 01:51:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 07:59:10 2024
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...	12.888	5658224	44.345 ug/ml
Spiked Amount 50.000		Recovery =	88.69%

Target Compounds

(f)=RT Delta > 1/2 Window

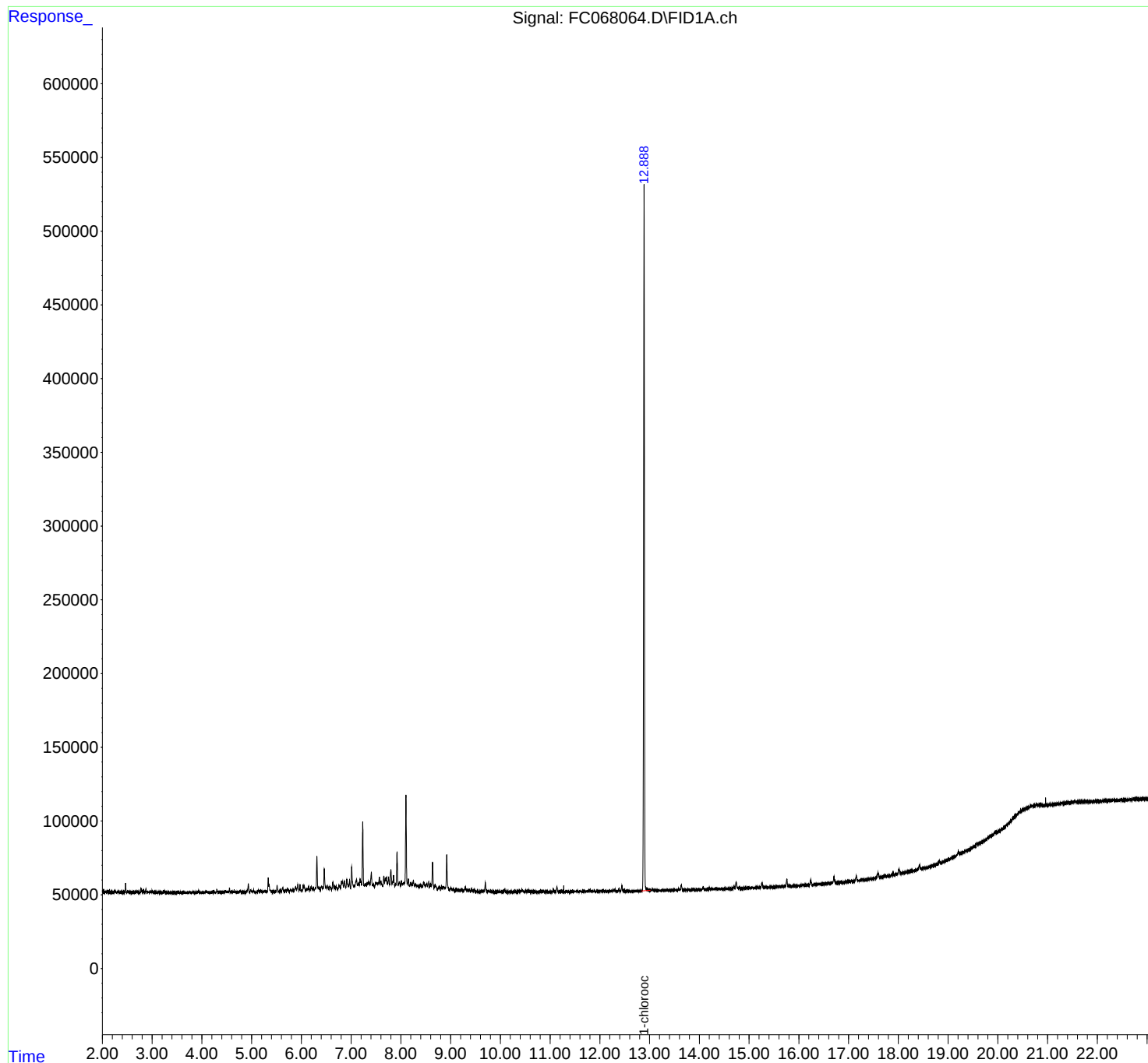
(m)=manual int.

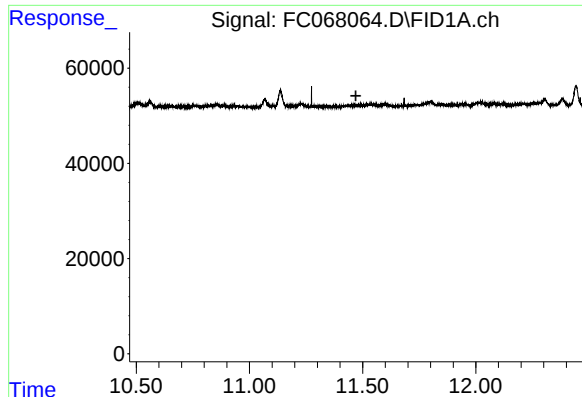
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
Data File : FC068064.D
Signal(s) : FID1A.ch
Acq On : 20 Dec 2024 13:21
Operator : YP/AJ
Sample : P5299-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
SB-02

Integration File: autoint1.e
Quant Time: Dec 21 01:51:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 07:59:10 2024
Response via : Initial Calibration
Integrator: ChemStation

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

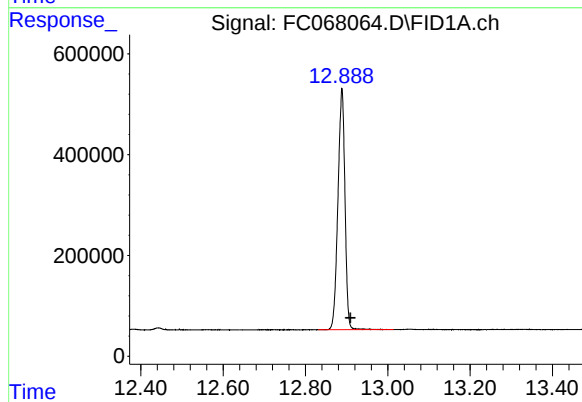




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.470 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
SB-02



#12 1-chlorooctadecane (SURR)

R.T.: 12.888 min
Delta R.T.: -0.021 min
Response: 5658224
Conc: 44.35 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
 Data File : FC068064.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 13:21
 Sample : P5299-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.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	3.180	3.138	3.204	BV	86	569	0.01%	0.002%
2	3.245	3.204	3.284	PV	515	8368	0.15%	0.028%
3	3.290	3.284	3.317	VV	86	967	0.02%	0.003%
4	3.341	3.317	3.379	PV	137	2658	0.05%	0.009%
5	3.388	3.379	3.434	VV	86	1811	0.03%	0.006%
6	3.446	3.434	3.464	VV	194	1427	0.03%	0.005%
7	3.479	3.464	3.490	PV	85	916	0.02%	0.003%
8	3.513	3.490	3.549	VV	231	4853	0.09%	0.016%
9	3.565	3.549	3.586	VV	362	3557	0.06%	0.012%
10	3.614	3.586	3.632	VV	277	3553	0.06%	0.012%
11	3.647	3.632	3.667	VV	113	1631	0.03%	0.005%
12	3.734	3.667	3.798	VV	387	11283	0.20%	0.037%
13	3.816	3.798	3.832	VV	344	3939	0.07%	0.013%
14	3.841	3.832	3.873	VV	159	3278	0.06%	0.011%
15	3.906	3.873	3.919	PV	761	8709	0.15%	0.029%
16	3.934	3.919	3.953	VV	1325	12889	0.23%	0.043%
17	4.000	3.953	4.028	VV	478	9242	0.16%	0.030%
18	4.081	4.028	4.098	VV	1234	21657	0.38%	0.071%
19	4.120	4.098	4.187	VV	382	11740	0.21%	0.039%
20	4.215	4.187	4.242	VV	327	7348	0.13%	0.024%
21	4.255	4.242	4.278	VV	397	4927	0.09%	0.016%
22	4.303	4.278	4.331	VV	2037	24322	0.43%	0.080%
23	4.342	4.331	4.361	VV	372	4670	0.08%	0.015%
24	4.373	4.361	4.389	VV	329	4225	0.07%	0.014%
25	4.406	4.389	4.434	VV	552	9288	0.16%	0.031%
26	4.469	4.434	4.487	VV	1568	21658	0.38%	0.071%
27	4.500	4.487	4.511	VV	623	6905	0.12%	0.023%
28	4.525	4.511	4.539	VV	1197	12395	0.22%	0.041%
29	4.555	4.539	4.571	VV	3071	29543	0.52%	0.097%
30	4.581	4.571	4.597	VV	936	9534	0.17%	0.031%
31	4.628	4.597	4.658	VV	779	17509	0.31%	0.058%
32	4.670	4.658	4.691	VV	691	8303	0.15%	0.027%
33	4.710	4.691	4.731	VV	684	11094	0.19%	0.037%
34	4.769	4.731	4.803	VV	1721	27270	0.48%	0.090%
35	4.820	4.803	4.835	VV	432	6009	0.11%	0.020%
36	4.855	4.835	4.876	VV	838	10110	0.18%	0.033%

					rterres			
37	4.933	4.876	4.961	PV	5615	88547	1.55%	0.292%
38	4.981	4.961	5.005	VV	1886	30839	0.54%	0.102%
39	5.013	5.005	5.023	VV	881	8563	0.15%	0.028%
40	5.040	5.023	5.078	VV	1874	27520	0.48%	0.091%
41	5.093	5.078	5.108	VV	463	6427	0.11%	0.021%
42	5.134	5.108	5.177	VV	1721	38435	0.67%	0.127%
43	5.194	5.177	5.210	VV	1558	21936	0.38%	0.072%
44	5.224	5.210	5.236	VV	1072	13120	0.23%	0.043%
45	5.251	5.236	5.268	VV	1199	18097	0.32%	0.060%
46	5.281	5.268	5.298	VV	982	15305	0.27%	0.050%
47	5.334	5.298	5.391	VV	10204	182460	3.20%	0.602%
48	5.401	5.391	5.413	VV	774	8666	0.15%	0.029%
49	5.430	5.413	5.441	VV	965	12938	0.23%	0.043%
50	5.452	5.441	5.471	VV	890	13954	0.24%	0.046%
51	5.480	5.471	5.494	VV	1003	11937	0.21%	0.039%
52	5.512	5.494	5.542	VV	4999	66288	1.16%	0.219%
53	5.587	5.542	5.601	VV	1486	32666	0.57%	0.108%
54	5.625	5.601	5.663	VV	3172	64653	1.13%	0.213%
55	5.679	5.663	5.692	VV	1661	21000	0.37%	0.069%
56	5.720	5.692	5.757	VV	3138	61770	1.08%	0.204%
57	5.786	5.757	5.805	VV	2045	41083	0.72%	0.136%
58	5.834	5.805	5.852	VV	1943	44198	0.78%	0.146%
59	5.882	5.852	5.905	VV	3969	82766	1.45%	0.273%
60	5.929	5.905	5.952	VV	5269	90780	1.59%	0.299%
61	5.973	5.952	6.000	VV	5372	79732	1.40%	0.263%
62	6.035	6.000	6.048	VV	5156	82556	1.45%	0.272%
63	6.060	6.048	6.084	VV	4113	64812	1.14%	0.214%
64	6.118	6.084	6.128	VV	2429	55400	0.97%	0.183%
65	6.145	6.128	6.173	VV	4511	72310	1.27%	0.239%
66	6.196	6.173	6.221	VV	3653	82031	1.44%	0.271%
67	6.240	6.221	6.258	VV	3963	64124	1.12%	0.212%
68	6.313	6.258	6.359	VV	24348	382215	6.70%	1.261%
69	6.369	6.359	6.384	VV	2843	35267	0.62%	0.116%
70	6.405	6.384	6.424	VV	3952	75350	1.32%	0.249%
71	6.435	6.424	6.440	VV	3168	28418	0.50%	0.094%
72	6.461	6.440	6.489	VV	16213	229012	4.02%	0.755%
73	6.498	6.489	6.515	VV	4111	55788	0.98%	0.184%
74	6.531	6.515	6.554	VV	4586	78663	1.38%	0.259%
75	6.572	6.554	6.607	VV	3986	97684	1.71%	0.322%
76	6.632	6.607	6.656	VV	6798	128560	2.25%	0.424%
77	6.667	6.656	6.681	VV	4014	50434	0.88%	0.166%
78	6.696	6.681	6.734	VV	3944	100094	1.76%	0.330%
79	6.755	6.734	6.785	VV	4810	115485	2.03%	0.381%
80	6.808	6.785	6.819	VV	7702	117729	2.06%	0.388%
81	6.828	6.819	6.848	VV	7429	104452	1.83%	0.345%
82	6.870	6.848	6.893	VV	7902	145627	2.55%	0.480%
83	6.914	6.893	6.950	VV	8999	194751	3.41%	0.642%
84	6.970	6.950	6.989	VV	8062	126267	2.21%	0.416%
85	7.012	6.989	7.049	VV	17530	295071	5.17%	0.973%
86	7.065	7.049	7.076	VV	4988	73853	1.30%	0.244%
87	7.109	7.076	7.128	VV	9097	210631	3.69%	0.695%
88	7.149	7.128	7.163	VV	5922	117089	2.05%	0.386%
89	7.181	7.163	7.210	VV	9191	195846	3.43%	0.646%

rteres								
90	7.234	7.210	7.262	VV	47902	589827	10.34%	1.946%
91	7.284	7.262	7.308	VV	5706	140727	2.47%	0.464%
92	7.325	7.308	7.335	VV	6321	87184	1.53%	0.288%
93	7.353	7.335	7.379	VV	7194	167721	2.94%	0.553%
94	7.406	7.379	7.435	VV	13505	274065	4.81%	0.904%
95	7.449	7.435	7.470	VV	5255	100872	1.77%	0.333%
96	7.493	7.470	7.506	VV	6652	117843	2.07%	0.389%
97	7.518	7.506	7.534	VV	6314	98912	1.73%	0.326%
98	7.569	7.534	7.585	VV	10418	222543	3.90%	0.734%
99	7.599	7.585	7.635	VV	7792	180418	3.16%	0.595%
100	7.658	7.635	7.673	VV	11076	171517	3.01%	0.566%
101	7.688	7.673	7.698	VV	9606	128733	2.26%	0.425%
102	7.710	7.698	7.728	VV	9869	140467	2.46%	0.463%
103	7.754	7.728	7.773	VV	10532	203743	3.57%	0.672%
104	7.799	7.773	7.824	VV	15462	289713	5.08%	0.956%
105	7.854	7.824	7.878	VV	11528	241258	4.23%	0.796%
106	7.892	7.878	7.901	VV	5871	72919	1.28%	0.241%
107	7.923	7.901	7.949	VV	27218	376138	6.60%	1.241%
108	7.970	7.949	7.992	VV	7158	155106	2.72%	0.512%
109	8.011	7.992	8.030	VV	7894	136085	2.39%	0.449%
110	8.053	8.030	8.066	VV	6180	127412	2.23%	0.420%
111	8.102	8.066	8.131	VV	65929	866529	15.19%	2.858%
112	8.150	8.131	8.174	VV	9192	169023	2.96%	0.558%
113	8.196	8.174	8.211	VV	6638	119256	2.09%	0.393%
114	8.221	8.211	8.231	VV	5551	64628	1.13%	0.213%
115	8.252	8.231	8.271	VV	7867	146969	2.58%	0.485%
116	8.294	8.271	8.325	VV	5419	154365	2.71%	0.509%
117	8.342	8.325	8.361	VV	4681	94236	1.65%	0.311%
118	8.375	8.361	8.383	VV	4494	56054	0.98%	0.185%
119	8.400	8.383	8.419	VV	4665	94609	1.66%	0.312%
120	8.456	8.419	8.491	VV	6966	216007	3.79%	0.712%
121	8.516	8.491	8.534	VV	5480	122255	2.14%	0.403%
122	8.550	8.534	8.572	VV	6572	114371	2.01%	0.377%
123	8.591	8.572	8.606	VV	6088	95008	1.67%	0.313%
124	8.637	8.606	8.668	VV	20346	323855	5.68%	1.068%
125	8.688	8.668	8.738	VV	5602	149422	2.62%	0.493%
126	8.759	8.738	8.767	VV	2887	46136	0.81%	0.152%
127	8.783	8.767	8.800	VV	3687	59035	1.04%	0.195%
128	8.821	8.800	8.839	VV	3915	72613	1.27%	0.240%
129	8.859	8.839	8.888	VV	3945	91483	1.60%	0.302%
130	8.922	8.888	8.981	VV	25297	399485	7.00%	1.318%
131	9.006	8.981	9.031	VV	2945	64296	1.13%	0.212%
132	9.054	9.031	9.088	VV	1917	53070	0.93%	0.175%
133	9.112	9.088	9.131	VV	1638	35710	0.63%	0.118%
134	9.156	9.131	9.189	VV	1484	45004	0.79%	0.148%
135	9.221	9.189	9.261	VV	1611	52117	0.91%	0.172%
136	9.292	9.261	9.327	VV	3420	75712	1.33%	0.250%
137	9.340	9.327	9.351	VV	1295	16844	0.30%	0.056%
138	9.377	9.351	9.404	VV	1865	41105	0.72%	0.136%
139	9.426	9.404	9.444	VV	1976	31915	0.56%	0.105%
140	9.456	9.444	9.465	VV	1214	13646	0.24%	0.045%
141	9.478	9.465	9.509	VV	1591	25504	0.45%	0.084%

					rteres			
142	9.543	9.509	9.564	VV	862	16878	0.30%	0.056%
143	9.570	9.564	9.594	VV	425	6262	0.11%	0.021%
144	9.617	9.594	9.633	VV	870	13739	0.24%	0.045%
145	9.652	9.633	9.671	VV	772	14387	0.25%	0.047%
146	9.699	9.671	9.748	VV	6483	89533	1.57%	0.295%
147	9.767	9.748	9.791	VV	593	13287	0.23%	0.044%
148	9.799	9.791	9.891	VV	546	17228	0.30%	0.057%
149	9.914	9.891	9.951	VV	256	5084	0.09%	0.017%
150	9.973	9.951	9.991	VV	274	3977	0.07%	0.013%
151	10.018	9.991	10.033	VV	400	6025	0.11%	0.020%
152	10.044	10.033	10.055	VV	294	3602	0.06%	0.012%
153	10.087	10.055	10.114	VV	1405	24719	0.43%	0.082%
154	10.130	10.114	10.151	VV	475	6564	0.12%	0.022%
155	10.175	10.151	10.208	VV	412	7641	0.13%	0.025%
156	10.228	10.208	10.270	VV	237	4555	0.08%	0.015%
157	10.296	10.270	10.312	PV	282	4376	0.08%	0.014%
158	10.322	10.312	10.348	VV	278	3998	0.07%	0.013%
159	10.377	10.348	10.396	VV	444	8104	0.14%	0.027%
160	10.435	10.396	10.473	VV	1610	30761	0.54%	0.101%
161	10.509	10.473	10.535	VV	980	20791	0.36%	0.069%
162	10.561	10.535	10.584	VV	1141	17654	0.31%	0.058%
163	10.608	10.584	10.618	VV	163	2550	0.04%	0.008%
164	10.650	10.618	10.676	VV	225	4876	0.09%	0.016%
165	10.688	10.676	10.701	VV	147	1255	0.02%	0.004%
166	10.708	10.701	10.733	VV	117	1724	0.03%	0.006%
167	10.753	10.733	10.790	VV	235	5953	0.10%	0.020%
168	10.857	10.790	10.878	VV	497	14096	0.25%	0.046%
169	10.889	10.878	10.911	VV	335	3571	0.06%	0.012%
170	10.940	10.911	10.978	VV	258	4126	0.07%	0.014%
171	11.068	10.978	11.098	PV	1564	20869	0.37%	0.069%
172	11.137	11.098	11.170	VV	3335	45392	0.80%	0.150%
173	11.230	11.170	11.318	VV	658	18836	0.33%	0.062%
174	11.341	11.318	11.364	PV	116	1371	0.02%	0.005%
175	11.373	11.364	11.400	VV	107	579	0.01%	0.002%
176	11.434	11.400	11.451	PV	276	4976	0.09%	0.016%
177	11.492	11.451	11.508	VV	307	8637	0.15%	0.028%
178	11.537	11.508	11.568	VV	453	12311	0.22%	0.041%
179	11.594	11.568	11.641	VV	436	10852	0.19%	0.036%
180	11.685	11.641	11.701	PV	647	4128	0.07%	0.014%
181	11.709	11.701	11.714	VV	135	1117	0.02%	0.004%
182	11.732	11.714	11.745	VV	275	4354	0.08%	0.014%
183	11.802	11.745	11.827	VV	976	26212	0.46%	0.086%
184	11.847	11.827	11.878	VV	374	8304	0.15%	0.027%
185	11.895	11.878	11.924	VV	292	6126	0.11%	0.020%
186	11.952	11.924	11.981	VV	387	9970	0.17%	0.033%
187	12.019	11.981	12.061	VV	727	21249	0.37%	0.070%
188	12.080	12.061	12.098	VV	563	7921	0.14%	0.026%
189	12.120	12.098	12.154	VV	415	8317	0.15%	0.027%
190	12.211	12.154	12.236	VV	401	11981	0.21%	0.040%
191	12.255	12.236	12.265	VV	541	6994	0.12%	0.023%
192	12.304	12.265	12.341	VV	1311	24831	0.44%	0.082%
193	12.383	12.341	12.407	VV	1475	21536	0.38%	0.071%
194	12.442	12.407	12.544	VV	4054	61957	1.09%	0.204%

					rteres			
195	12.561	12.544	12.628	VV	469	8366	0.15%	0.028%
196	12.643	12.628	12.674	PV	77	1263	0.02%	0.004%
197	12.701	12.674	12.718	PV	266	4985	0.09%	0.016%
198	12.725	12.718	12.751	VV	258	3958	0.07%	0.013%
199	12.765	12.751	12.787	VV	218	2938	0.05%	0.010%
200	12.888	12.787	13.029	VV	472949	5702879	100.00%	18.811%
201	13.053	13.029	13.098	VV	1063	25156	0.44%	0.083%
202	13.106	13.098	13.144	VV	554	11662	0.20%	0.038%
203	13.166	13.144	13.196	VV	350	8255	0.14%	0.027%
204	13.266	13.196	13.291	VV	541	16260	0.29%	0.054%
205	13.332	13.291	13.381	VV	553	18709	0.33%	0.062%
206	13.434	13.381	13.444	VV	233	6213	0.11%	0.020%
207	13.502	13.444	13.531	VV	435	15133	0.27%	0.050%
208	13.586	13.531	13.609	VV	1456	24958	0.44%	0.082%
209	13.638	13.609	13.688	VV	3523	54544	0.96%	0.180%
210	13.698	13.688	13.708	VV	303	2724	0.05%	0.009%
211	13.720	13.708	13.760	VV	216	4385	0.08%	0.014%
212	13.770	13.760	13.781	VV	110	1133	0.02%	0.004%
213	13.792	13.781	13.804	VV	90	885	0.02%	0.003%
214	13.862	13.804	13.918	PV	435	14779	0.26%	0.049%
215	13.935	13.918	13.953	VV	262	3841	0.07%	0.013%
216	13.969	13.953	14.029	VV	230	5969	0.10%	0.020%
217	14.072	14.029	14.111	VV	1648	29546	0.52%	0.097%
218	14.126	14.111	14.166	VV	245	5633	0.10%	0.019%
219	14.200	14.166	14.231	VV	1373	20973	0.37%	0.069%
220	14.260	14.231	14.308	VV	336	10401	0.18%	0.034%
221	14.358	14.308	14.380	VV	311	10674	0.19%	0.035%
222	14.402	14.380	14.440	VV	391	9156	0.16%	0.030%
223	14.456	14.440	14.470	VV	343	4481	0.08%	0.015%
224	14.483	14.470	14.499	VV	326	3889	0.07%	0.013%
225	14.519	14.499	14.533	VV	241	4265	0.07%	0.014%
226	14.549	14.533	14.577	VV	295	5235	0.09%	0.017%
227	14.585	14.577	14.590	VV	280	1848	0.03%	0.006%
228	14.600	14.590	14.648	VV	281	6623	0.12%	0.022%
229	14.694	14.648	14.713	VV	1390	20003	0.35%	0.066%
230	14.739	14.713	14.776	VV	4559	67436	1.18%	0.222%
231	14.792	14.776	14.835	VV	408	8965	0.16%	0.030%
232	14.940	14.835	14.961	PV	316	9706	0.17%	0.032%
233	14.988	14.961	15.025	VV	186	4990	0.09%	0.016%
234	15.046	15.025	15.056	VV	159	1836	0.03%	0.006%
235	15.078	15.056	15.090	VV	185	2032	0.04%	0.007%
236	15.122	15.090	15.132	VV	325	4354	0.08%	0.014%
237	15.152	15.132	15.206	VV	423	10744	0.19%	0.035%
238	15.258	15.206	15.289	VV	3298	50650	0.89%	0.167%
239	15.303	15.289	15.341	VV	389	8064	0.14%	0.027%
240	15.387	15.341	15.405	VV	98	1651	0.03%	0.005%
241	15.461	15.405	15.480	PV	296	8175	0.14%	0.027%
242	15.490	15.480	15.521	VV	237	2676	0.05%	0.009%
243	15.581	15.521	15.599	VV	489	11289	0.20%	0.037%
244	15.620	15.599	15.674	VV	338	10489	0.18%	0.035%
245	15.720	15.674	15.733	VV	968	13454	0.24%	0.044%
246	15.758	15.733	15.789	VV	5252	73380	1.29%	0.242%

					rteres			
247	15.804	15.789	15.866	VV	410	8658	0.15%	0.029%
248	15.949	15.866	15.971	PV	336	12127	0.21%	0.040%
249	15.998	15.971	16.022	VV	227	4837	0.08%	0.016%
250	16.072	16.022	16.097	PV	416	10791	0.19%	0.036%
251	16.112	16.097	16.129	VV	437	6220	0.11%	0.021%
252	16.139	16.129	16.154	VV	232	3186	0.06%	0.011%
253	16.179	16.154	16.198	VV	167	3137	0.06%	0.010%
254	16.240	16.198	16.298	VV	3642	57874	1.01%	0.191%
255	16.318	16.298	16.371	VV	287	7075	0.12%	0.023%
256	16.408	16.371	16.421	PV	350	6998	0.12%	0.023%
257	16.427	16.421	16.437	VV	258	2573	0.05%	0.008%
258	16.458	16.437	16.471	VV	246	4828	0.08%	0.016%
259	16.478	16.471	16.501	VV	211	2782	0.05%	0.009%
260	16.540	16.501	16.564	VV	498	9382	0.16%	0.031%
261	16.591	16.564	16.649	VV	534	13846	0.24%	0.046%
262	16.705	16.649	16.744	VV	4463	75347	1.32%	0.249%
263	16.751	16.744	16.770	VV	247	2400	0.04%	0.008%
264	16.858	16.770	16.891	VV	260	9006	0.16%	0.030%
265	16.935	16.891	16.954	PV	229	5817	0.10%	0.019%
266	16.999	16.954	17.016	VV	256	4891	0.09%	0.016%
267	17.057	17.016	17.066	VV	188	4794	0.08%	0.016%
268	17.104	17.066	17.113	VV	137	3360	0.06%	0.011%
269	17.156	17.113	17.208	PV	3679	54813	0.96%	0.181%
270	17.261	17.208	17.284	PV	400	6330	0.11%	0.021%
271	17.432	17.284	17.460	VV	310	11014	0.19%	0.036%
272	17.486	17.460	17.509	VV	260	3716	0.07%	0.012%
273	17.591	17.509	17.648	PV	3643	67606	1.19%	0.223%
274	17.721	17.648	17.731	PV	324	5801	0.10%	0.019%
275	17.745	17.731	17.764	VV	235	3271	0.06%	0.011%
276	17.872	17.764	17.880	VV	303	1969	0.03%	0.006%
277	17.894	17.880	17.931	VV	936	5361	0.09%	0.018%
278	18.013	17.931	18.064	PV	3432	54824	0.96%	0.181%
279	18.086	18.064	18.104	VV	410	4849	0.09%	0.016%
280	18.422	18.104	18.471	PV	3066	63117	1.11%	0.208%
281	18.555	18.471	18.571	PV	199	2439	0.04%	0.008%
282	18.722	18.571	18.738	PV	251	5938	0.10%	0.020%
283	18.821	18.738	18.850	PV	2138	33570	0.59%	0.111%
284	19.206	18.850	19.230	VV	2834	95088	1.67%	0.314%
285	19.581	19.230	19.601	VV	3160	312236	5.48%	1.030%
286	19.945	19.601	19.974	VV	5985	797308	13.98%	2.630%
287	20.661	19.974	20.687	VV	13641	4175242	73.21%	13.772%
288	20.802	20.687	20.849	VV	12125	1187853	20.83%	3.918%
289	20.869	20.849	20.902	VV	11036	343536	6.02%	1.133%
290	20.911	20.902	20.952	VV	10361	303506	5.32%	1.001%
291	20.961	20.952	20.971	VV	11149	113613	1.99%	0.375%
292	21.071	20.971	21.091	VV	8623	643017	11.28%	2.121%
293	21.171	21.091	21.180	VV	7558	418146	7.33%	1.379%
294	21.245	21.180	21.258	VV	6857	326706	5.73%	1.078%
295	21.269	21.258	21.314	VV	6630	214004	3.75%	0.706%
296	21.533	21.314	21.560	VV	4124	718193	12.59%	2.369%
297	21.588	21.560	21.649	VV	3360	161226	2.83%	0.532%
298	21.738	21.649	21.780	VV	1345	122929	2.16%	0.405%
299	21.791	21.780	21.817	VV	507	7320	0.13%	0.024%

Sum of corrected areas: 30317043

Aliphatic EPH 121024.M Sat Dec 21 02:40:53 2024

A
B
C
D
E
F
G
H
I
J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
Data File : FD048902.D
Signal(s) : FID2B.ch
Acq On : 20 Dec 2024 13:21
Operator : YP/AJ
Sample : P5299-02
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
SB-02

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
Quant Time: Dec 21 04:04:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 06:07:50 2024
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...	7.361	8669207	51.469 ug/ml
Spiked Amount 50.000		Recovery =	102.94%
6) S 2-Fluorobiphenyl (SURR)	8.210	5590089	54.111 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.22%
11) S ortho-Terphenyl (SURR)	11.245	5860548	32.987 ug/ml
Spiked Amount 50.000		Recovery =	65.97%

Target Compounds

(f)=RT Delta > 1/2 Window

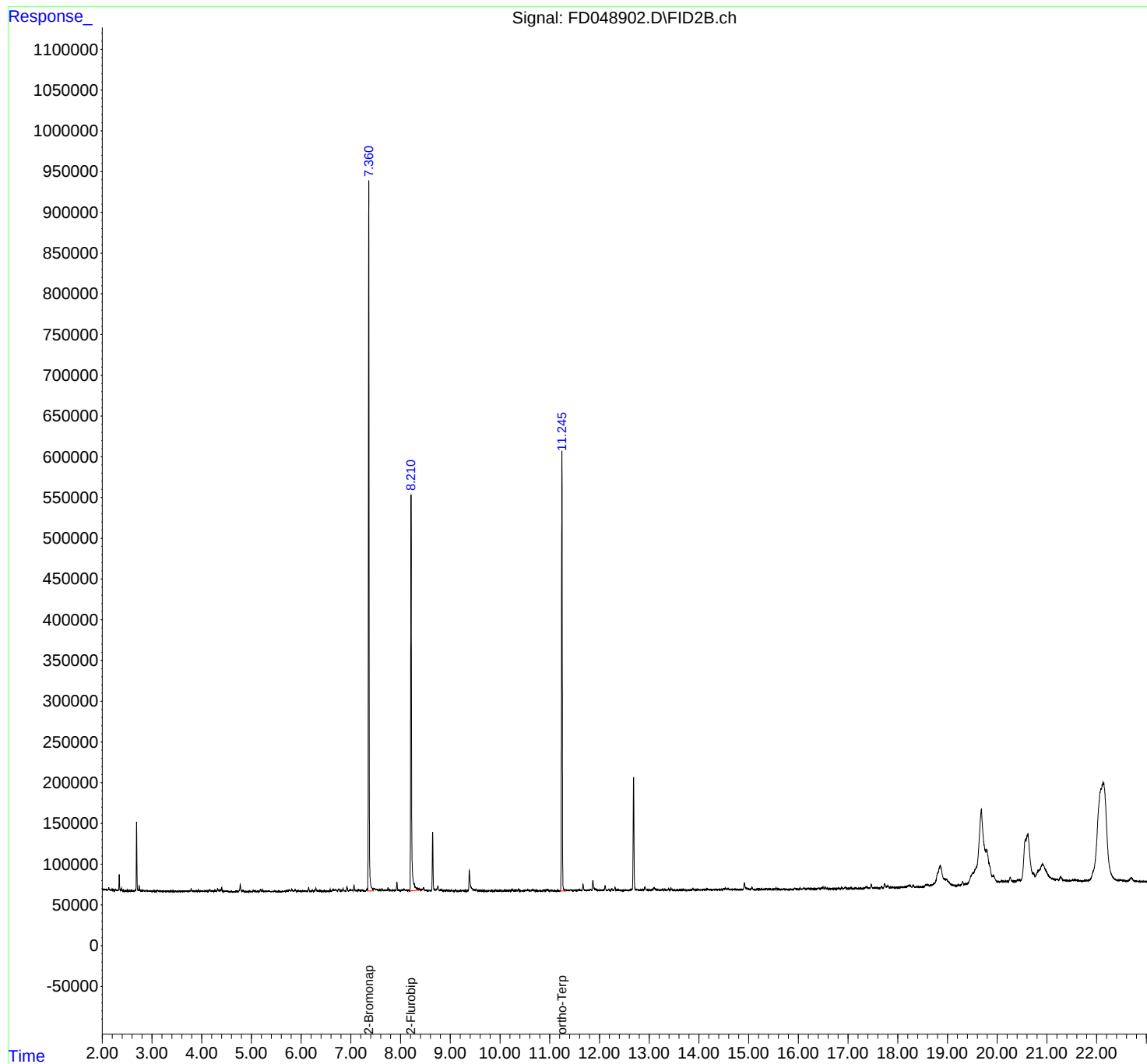
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
Data File : FD048902.D
Signal(s) : FID2B.ch
Acq On : 20 Dec 2024 13:21
Operator : YP/AJ
Sample : P5299-02
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
SB-02

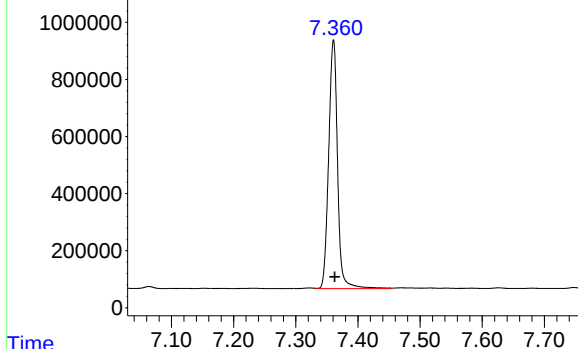
Integration File: autoint1.e
Quant Time: Dec 21 04:04:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 06:07:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Signal: FD048902.D\FID2B.ch

#4 2-Bromonaphthalene (SURR)

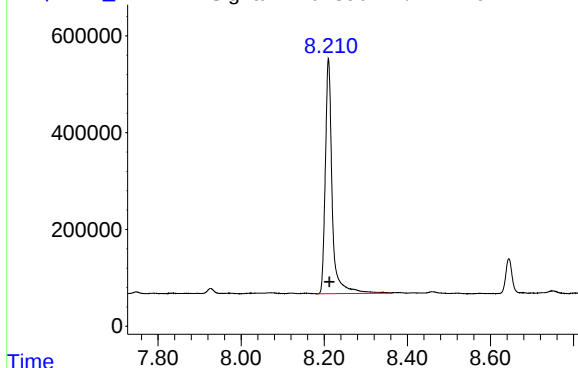


R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 8669207
Conc: 51.47 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-02

Signal: FD048902.D\FID2B.ch

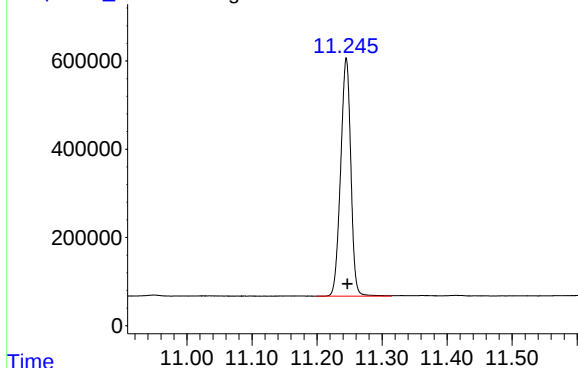
#6 2-Fluorobiphenyl (SURR)



R.T.: 8.210 min
Delta R.T.: -0.003 min
Response: 5590089
Conc: 54.11 ug/ml

Signal: FD048902.D\FID2B.ch

#11 ortho-Terphenyl (SURR)



R.T.: 11.245 min
Delta R.T.: -0.002 min
Response: 5860548
Conc: 32.99 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048902.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 13:21
 Sample : P5299-02
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH
 121024.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	4.075	BV	314	3110	0.04%	0.010%
2	4.103	4.084	4.119	VV	365	4937	0.06%	0.016%
3	4.160	4.127	4.206	VV	2010	35651	0.41%	0.115%
4	4.211	4.206	4.215	VV	466	2604	0.03%	0.008%
5	4.218	4.215	4.232	VV	543	4398	0.05%	0.014%
6	4.234	4.232	4.240	VV	367	1804	0.02%	0.006%
7	4.263	4.240	4.290	VV	1090	17996	0.21%	0.058%
8	4.320	4.290	4.344	VV	3351	47276	0.54%	0.152%
9	4.374	4.344	4.388	VV	2877	38394	0.44%	0.123%
10	4.404	4.388	4.447	VV	5035	58935	0.68%	0.189%
11	4.481	4.447	4.502	VV	1132	20297	0.23%	0.065%
12	4.517	4.502	4.562	VV	819	12434	0.14%	0.040%
13	4.600	4.562	4.611	PV	632	9930	0.11%	0.032%
14	4.616	4.611	4.632	VV	365	3009	0.03%	0.010%
15	4.637	4.632	4.644	VV	264	1544	0.02%	0.005%
16	4.661	4.644	4.666	VV	293	2389	0.03%	0.008%
17	4.698	4.677	4.725	PV	682	11056	0.13%	0.036%
18	4.775	4.725	4.810	VV	9172	136473	1.56%	0.439%
19	4.831	4.810	4.873	VV	2303	33211	0.38%	0.107%
20	4.886	4.873	4.917	VV	563	8072	0.09%	0.026%
21	4.923	4.917	4.928	VV	326	1584	0.02%	0.005%
22	4.935	4.928	4.948	VV	395	3178	0.04%	0.010%
23	4.969	4.948	4.985	PV	704	9589	0.11%	0.031%
24	4.991	4.985	5.008	VV	517	5236	0.06%	0.017%
25	5.034	5.008	5.076	VV	1459	36993	0.42%	0.119%

rteres								
26	5.080	5.076	5.105	VV	916	12538	0.14%	0.040%
27	5.108	5.105	5.115	VV	588	3248	0.04%	0.010%
28	5.128	5.115	5.134	VV	614	6261	0.07%	0.020%
29	5.141	5.134	5.158	VV	719	7655	0.09%	0.025%
30	5.182	5.158	5.200	VV	3107	39365	0.45%	0.127%
31	5.217	5.200	5.255	VV	3238	41882	0.48%	0.135%
32	5.273	5.255	5.318	VV	1004	22067	0.25%	0.071%
33	5.341	5.318	5.353	VV	1154	17589	0.20%	0.057%
34	5.359	5.353	5.387	VV	769	9835	0.11%	0.032%
35	5.390	5.387	5.402	VV	242	1816	0.02%	0.006%
36	5.416	5.402	5.439	VV	424	5318	0.06%	0.017%
37	5.467	5.439	5.503	VV	939	17629	0.20%	0.057%
38	5.522	5.503	5.527	VV	521	5317	0.06%	0.017%
39	5.542	5.527	5.565	VV	756	12284	0.14%	0.039%
40	5.570	5.565	5.598	VV	404	5522	0.06%	0.018%
41	5.622	5.598	5.635	VV	503	7733	0.09%	0.025%
42	5.643	5.635	5.656	VV	661	6255	0.07%	0.020%
43	5.662	5.656	5.678	VV	652	7484	0.09%	0.024%
44	5.695	5.678	5.708	VV	849	12089	0.14%	0.039%
45	5.725	5.708	5.732	VV	1231	14553	0.17%	0.047%
46	5.736	5.732	5.738	VV	1124	4438	0.05%	0.014%
47	5.742	5.738	5.746	VV	1272	5395	0.06%	0.017%
48	5.767	5.746	5.793	VV	2120	43640	0.50%	0.140%
49	5.812	5.793	5.835	VV	2875	43903	0.50%	0.141%
50	5.842	5.835	5.851	VV	1021	8808	0.10%	0.028%
51	5.878	5.851	5.914	VV	2536	51478	0.59%	0.166%
52	5.942	5.914	5.957	VV	1179	22821	0.26%	0.073%
53	5.965	5.957	5.973	VV	752	6512	0.07%	0.021%
54	5.977	5.973	5.992	VV	682	6081	0.07%	0.020%
55	5.995	5.992	6.008	VV	565	4626	0.05%	0.015%
56	6.031	6.008	6.043	VV	837	12232	0.14%	0.039%
57	6.056	6.043	6.081	VV	935	17147	0.20%	0.055%
58	6.086	6.081	6.091	VV	550	2551	0.03%	0.008%
59	6.107	6.091	6.127	VV	611	10307	0.12%	0.033%
60	6.151	6.127	6.210	VV	5219	78078	0.90%	0.251%
61	6.228	6.210	6.248	VV	1968	25732	0.30%	0.083%
62	6.266	6.248	6.275	VV	1137	13273	0.15%	0.043%
63	6.296	6.275	6.314	VV	4557	55887	0.64%	0.180%
64	6.325	6.314	6.346	VV	1106	15749	0.18%	0.051%
65	6.366	6.346	6.389	VV	1749	25593	0.29%	0.082%
66	6.396	6.389	6.441	VV	799	17839	0.20%	0.057%
67	6.458	6.441	6.494	VV	1270	23295	0.27%	0.075%
68	6.497	6.494	6.501	VV	618	2491	0.03%	0.008%
69	6.508	6.501	6.518	VV	648	5847	0.07%	0.019%

70	6.527	6.518	6.541	VV	651	7751	0.09%	0.025%
71	6.546	6.541	6.561	VV	435	4670	0.05%	0.015%
72	6.584	6.561	6.602	VV	2051	25945	0.30%	0.083%
73	6.642	6.602	6.657	VV	2427	50554	0.58%	0.163%
74	6.660	6.657	6.672	VV	2052	16890	0.19%	0.054%
75	6.684	6.672	6.692	VV	2274	24048	0.28%	0.077%
76	6.702	6.692	6.729	VV	2510	36801	0.42%	0.118%
77	6.761	6.729	6.790	VV	3594	70632	0.81%	0.227%
78	6.805	6.790	6.816	VV	1372	16599	0.19%	0.053%
79	6.842	6.816	6.887	VV	3359	67271	0.77%	0.216%
80	6.921	6.887	6.953	VV	6473	95664	1.10%	0.308%
81	6.997	6.953	7.015	VV	2408	59556	0.68%	0.191%
82	7.028	7.015	7.041	VV	1983	23688	0.27%	0.076%
83	7.064	7.041	7.089	VV	8062	101402	1.16%	0.326%
84	7.100	7.089	7.109	VV	1221	12949	0.15%	0.042%
85	7.119	7.109	7.139	VV	1482	21294	0.24%	0.068%
86	7.153	7.139	7.176	VV	1910	30243	0.35%	0.097%
87	7.181	7.176	7.197	VV	1216	13016	0.15%	0.042%
88	7.234	7.197	7.255	VV	2071	45100	0.52%	0.145%
89	7.278	7.255	7.285	VV	990	16073	0.18%	0.052%
90	7.297	7.285	7.302	VV	1069	9458	0.11%	0.030%
91	7.323	7.302	7.334	VV	3082	39955	0.46%	0.128%
92	7.361	7.334	7.455	VV	872521	8720567	100.00%	28.038%
93	7.470	7.455	7.502	VV	3458	79977	0.92%	0.257%
94	7.516	7.502	7.534	VV	2844	45553	0.52%	0.146%
95	7.543	7.534	7.559	VV	2243	29653	0.34%	0.095%
96	7.583	7.559	7.606	VV	2228	46690	0.54%	0.150%
97	7.626	7.606	7.661	VV	3488	62035	0.71%	0.199%
98	7.682	7.661	7.699	VV	2228	35669	0.41%	0.115%
99	7.717	7.699	7.724	VV	1381	18077	0.21%	0.058%
100	7.747	7.724	7.772	VV	4492	63946	0.73%	0.206%
101	7.790	7.772	7.819	VV	1704	35479	0.41%	0.114%
102	7.834	7.819	7.851	VV	1826	26294	0.30%	0.085%
103	7.872	7.851	7.885	VV	1337	25604	0.29%	0.082%
104	7.894	7.885	7.903	VV	1436	14044	0.16%	0.045%
105	7.927	7.903	7.959	VV	11524	147242	1.69%	0.473%
106	7.974	7.959	7.997	VV	1670	29197	0.33%	0.094%
107	8.024	7.997	8.030	VV	1746	24726	0.28%	0.079%
108	8.044	8.030	8.054	VV	1905	26312	0.30%	0.085%
109	8.073	8.054	8.104	VV	2704	55712	0.64%	0.179%
110	8.122	8.104	8.138	VV	1818	27924	0.32%	0.090%
111	8.157	8.138	8.183	VV	1716	30115	0.35%	0.097%
112	8.210	8.183	8.361	VV	486820	5712891	65.51%	18.368%

rteres								
113	8.375	8.361	8.400	VV	3016	60249	0.69%	0.194%
114	8.415	8.400	8.423	VV	2488	31062	0.36%	0.100%
115	8.430	8.423	8.436	VV	2118	16234	0.19%	0.052%
116	8.460	8.436	8.499	VV	4776	100606	1.15%	0.323%
117	8.520	8.499	8.556	VV	1779	38315	0.44%	0.123%
118	8.575	8.556	8.590	VV	1285	20492	0.23%	0.066%
119	8.603	8.590	8.615	VV	1072	14194	0.16%	0.046%
120	8.644	8.615	8.691	VV	72701	807263	9.26%	2.595%
121	8.700	8.691	8.710	VV	2003	20639	0.24%	0.066%
122	8.749	8.710	8.787	VV	6493	146074	1.68%	0.470%
123	8.804	8.787	8.817	VV	1917	28420	0.33%	0.091%
124	8.827	8.817	8.857	VV	1879	29895	0.34%	0.096%
125	8.878	8.857	8.901	VV	1111	20085	0.23%	0.065%
126	8.936	8.901	8.965	VV	1378	35037	0.40%	0.113%
127	8.981	8.965	8.997	VV	938	14659	0.17%	0.047%
128	9.026	8.997	9.038	VV	941	17360	0.20%	0.056%
129	9.041	9.038	9.078	VV	845	11271	0.13%	0.036%
130	9.106	9.078	9.149	VV	1565	29738	0.34%	0.096%
131	9.184	9.149	9.188	VV	697	11005	0.13%	0.035%
132	9.203	9.188	9.224	VV	924	15337	0.18%	0.049%
133	9.245	9.224	9.265	VV	1097	18292	0.21%	0.059%
134	9.279	9.265	9.284	VV	704	6787	0.08%	0.022%
135	9.300	9.284	9.319	VV	782	13057	0.15%	0.042%
136	9.327	9.319	9.330	VV	523	3257	0.04%	0.010%
137	9.347	9.330	9.363	VV	1093	15340	0.18%	0.049%
138	9.382	9.363	9.500	VV	25260	504288	5.78%	1.621%
139	9.518	9.500	9.550	VV	2756	46084	0.53%	0.148%
140	9.565	9.550	9.570	VV	690	7480	0.09%	0.024%
141	9.598	9.570	9.637	VV	1070	29496	0.34%	0.095%
142	9.650	9.637	9.655	VV	521	4479	0.05%	0.014%
143	9.660	9.655	9.677	VV	587	5977	0.07%	0.019%
144	9.686	9.677	9.705	VV	639	7538	0.09%	0.024%
145	9.718	9.705	9.743	VV	513	7372	0.08%	0.024%
146	9.756	9.743	9.775	VV	544	7541	0.09%	0.024%
147	9.791	9.775	9.808	VV	656	8963	0.10%	0.029%
148	9.826	9.808	9.847	VV	801	13207	0.15%	0.042%
149	9.851	9.847	9.857	VV	371	1841	0.02%	0.006%
150	9.862	9.857	9.872	VV	385	2785	0.03%	0.009%
151	9.883	9.872	9.898	VV	574	7946	0.09%	0.026%
152	9.906	9.898	9.923	VV	923	10664	0.12%	0.034%
153	9.942	9.923	9.965	VV	668	13681	0.16%	0.044%
154	9.975	9.965	10.001	VV	607	11649	0.13%	0.037%
155	10.018	10.001	10.042	VV	1345	16707	0.19%	0.054%

rteres									
156	10.054	10.042	10.064	VV	435	5151	0.06%	0.017%	
157	10.093	10.064	10.103	VV	911	15442	0.18%	0.050%	
158	10.110	10.103	10.127	VV	1036	10393	0.12%	0.033%	
159	10.145	10.127	10.165	VV	800	13768	0.16%	0.044%	
160	10.185	10.165	10.210	VV	1036	17509	0.20%	0.056%	
161	10.234	10.210	10.283	VV	1383	40550	0.46%	0.130%	
162	10.301	10.283	10.318	VV	919	14375	0.16%	0.046%	
163	10.327	10.318	10.343	VV	855	10756	0.12%	0.035%	
164	10.372	10.343	10.395	VV	2178	37715	0.43%	0.121%	
165	10.401	10.395	10.416	VV	604	5972	0.07%	0.019%	
166	10.438	10.416	10.449	VV	692	9751	0.11%	0.031%	
167	10.469	10.449	10.480	VV	654	9018	0.10%	0.029%	
168	10.491	10.480	10.498	VV	742	6294	0.07%	0.020%	
169	10.512	10.498	10.528	VV	806	11783	0.14%	0.038%	
170	10.548	10.528	10.600	VV	1308	40190	0.46%	0.129%	
171	10.618	10.600	10.623	VV	638	8181	0.09%	0.026%	
172	10.637	10.623	10.655	VV	1179	17703	0.20%	0.057%	
173	10.671	10.655	10.691	VV	1416	19834	0.23%	0.064%	
174	10.698	10.691	10.718	VV	890	10838	0.12%	0.035%	
175	10.723	10.718	10.753	VV	491	8158	0.09%	0.026%	
176	10.756	10.753	10.770	VV	286	2704	0.03%	0.009%	
177	10.787	10.770	10.808	VV	611	8156	0.09%	0.026%	
178	10.829	10.808	10.852	VV	354	6999	0.08%	0.023%	
179	10.859	10.852	10.865	VV	487	2849	0.03%	0.009%	
180	10.882	10.865	10.913	VV	1507	21668	0.25%	0.070%	
181	10.949	10.913	10.977	VV	2521	40927	0.47%	0.132%	
182	10.996	10.977	11.002	VV	486	5265	0.06%	0.017%	
183	11.025	11.002	11.032	VV	609	8537	0.10%	0.027%	
184	11.035	11.032	11.068	VV	683	9389	0.11%	0.030%	
185	11.088	11.068	11.093	VV	317	2944	0.03%	0.009%	
186	11.098	11.093	11.115	VV	367	2351	0.03%	0.008%	
187	11.146	11.115	11.162	PV	453	5997	0.07%	0.019%	
188	11.169	11.162	11.174	VV	374	2340	0.03%	0.008%	
189	11.179	11.174	11.184	VV	331	1624	0.02%	0.005%	
190	11.187	11.184	11.197	VV	234	1014	0.01%	0.003%	
191	11.245	11.210	11.318	VV	540022	5866638	67.27%	18.862%	
192	11.330	11.318	11.348	VV	1249	19402	0.22%	0.062%	
193	11.361	11.348	11.393	VV	1505	27497	0.32%	0.088%	
194	11.414	11.393	11.435	VV	1738	27349	0.31%	0.088%	
195	11.443	11.435	11.451	VV	578	4913	0.06%	0.016%	
196	11.458	11.451	11.475	VV	629	6564	0.08%	0.021%	
197	11.486	11.475	11.491	VV	598	4590	0.05%	0.015%	
198	11.498	11.491	11.502	VV	524	3004	0.03%	0.010%	
199	11.509	11.502	11.555	VV	694	18981	0.22%	0.061%	

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200	11.606	11.555	11.636	VV	1405	46282	0.53%	0.149%
201	11.670	11.636	11.707	VV	7846	119012	1.36%	0.383%
202	11.713	11.707	11.724	VV	783	6777	0.08%	0.022%
203	11.765	11.724	11.781	VV	1134	27763	0.32%	0.089%
204	11.826	11.781	11.845	VV	1631	42652	0.49%	0.137%
205	11.867	11.845	11.932	VV	13063	234003	2.68%	0.752%
206	11.943	11.932	11.972	VV	1547	27552	0.32%	0.089%
207	11.978	11.972	11.990	VV	1072	10815	0.12%	0.035%
208	11.997	11.990	12.015	VV	1055	13695	0.16%	0.044%
209	12.021	12.015	12.030	VV	942	7700	0.09%	0.025%
210	12.034	12.030	12.043	VV	821	5814	0.07%	0.019%
211	12.047	12.043	12.052	VV	643	3181	0.04%	0.010%
212	12.114	12.052	12.143	VV	6564	112355	1.29%	0.361%
213	12.155	12.143	12.166	VV	572	6850	0.08%	0.022%
214	12.188	12.166	12.213	VV	1758	27677	0.32%	0.089%
215	12.224	12.213	12.228	VV	610	4095	0.05%	0.013%
216	12.249	12.228	12.280	VV	2822	40616	0.47%	0.131%
217	12.314	12.280	12.333	VV	4083	64024	0.73%	0.206%
218	12.350	12.333	12.362	VV	1192	17353	0.20%	0.056%
219	12.367	12.362	12.424	VV	1116	24959	0.29%	0.080%
220	12.447	12.424	12.465	VV	480	8551	0.10%	0.027%
221	12.472	12.465	12.476	VV	376	1966	0.02%	0.006%
222	12.493	12.476	12.498	VV	574	5632	0.06%	0.018%
223	12.502	12.498	12.512	VV	660	4010	0.05%	0.013%
224	12.529	12.512	12.554	VV	659	11959	0.14%	0.038%
225	12.568	12.554	12.590	VV	598	7484	0.09%	0.024%
226	12.611	12.590	12.615	PV	559	5050	0.06%	0.016%
227	12.686	12.615	12.729	VV	139703	1673920	19.20%	5.382%
228	12.732	12.729	12.809	VV	1542	51505	0.59%	0.166%
229	12.824	12.809	12.834	VV	753	10072	0.12%	0.032%
230	12.856	12.834	12.890	VV	1178	30806	0.35%	0.099%
231	12.915	12.890	12.968	VV	4578	83084	0.95%	0.267%
232	12.989	12.968	13.000	VV	764	11679	0.13%	0.038%
233	13.009	13.000	13.020	VV	723	7485	0.09%	0.024%
234	13.053	13.020	13.074	VV	929	24103	0.28%	0.077%
235	13.096	13.074	13.177	VV	3745	103963	1.19%	0.334%
236	13.182	13.177	13.218	VV	664	14810	0.17%	0.048%
237	13.227	13.218	13.232	VV	733	4733	0.05%	0.015%
238	13.270	13.232	13.298	VV	1240	31937	0.37%	0.103%
239	13.311	13.298	13.340	VV	1146	18556	0.21%	0.060%
240	13.389	13.340	13.421	VV	1724	41896	0.48%	0.135%
241	13.440	13.421	13.462	VV	2563	33841	0.39%	0.109%
242	13.466	13.462	13.471	VV	409	1868	0.02%	0.006%

					rteres			
243	13.475	13.471	13.493	VV	381	4511	0.05%	0.015%
244	13.500	13.493	13.525	VV	388	4805	0.06%	0.015%
245	13.541	13.525	13.546	VV	288	3017	0.03%	0.010%
246	13.552	13.546	13.572	VV	463	4645	0.05%	0.015%
247	13.578	13.572	13.592	VV	296	2126	0.02%	0.007%
248	13.605	13.592	13.616	VV	365	3036	0.03%	0.010%
249	13.657	13.616	13.676	VV	617	13948	0.16%	0.045%
250	13.690	13.676	13.726	VV	889	16309	0.19%	0.052%
251	13.733	13.726	13.747	VV	356	2602	0.03%	0.008%
252	13.799	13.747	13.810	VV	593	13947	0.16%	0.045%
253	13.815	13.810	13.822	VV	545	2982	0.03%	0.010%
254	13.829	13.822	13.840	VV	489	5073	0.06%	0.016%
255	13.878	13.840	13.918	VV	1995	44396	0.51%	0.143%
256	13.933	13.918	13.945	VV	623	7014	0.08%	0.023%
257	13.950	13.945	13.982	VV	600	10213	0.12%	0.033%
258	14.000	13.982	14.019	VV	694	11380	0.13%	0.037%
259	14.024	14.019	14.035	VV	419	3829	0.04%	0.012%
260	14.037	14.035	14.040	VV	554	1434	0.02%	0.005%
261	14.045	14.040	14.060	VV	460	4559	0.05%	0.015%
262	14.063	14.060	14.068	VV	448	1701	0.02%	0.005%
263	14.090	14.068	14.110	VV	540	11333	0.13%	0.036%
264	14.116	14.110	14.119	VV	534	2458	0.03%	0.008%
265	14.127	14.119	14.133	VV	616	4610	0.05%	0.015%
266	14.165	14.133	14.192	VV	1581	33750	0.39%	0.109%
267	14.201	14.192	14.230	VV	686	13244	0.15%	0.043%
268	14.235	14.230	14.251	VV	538	6458	0.07%	0.021%
269	14.254	14.251	14.275	VV	655	6990	0.08%	0.022%
270	14.287	14.275	14.292	VV	618	4897	0.06%	0.016%
271	14.308	14.292	14.330	VV	728	13395	0.15%	0.043%
272	14.350	14.330	14.363	VV	650	10285	0.12%	0.033%
273	14.377	14.363	14.391	VV	642	8460	0.10%	0.027%
274	14.395	14.391	14.448	VV	542	13786	0.16%	0.044%
275	14.452	14.448	14.465	VV	447	3230	0.04%	0.010%
276	14.503	14.465	14.518	VV	1605	32014	0.37%	0.103%
277	14.535	14.518	14.564	VV	2544	41165	0.47%	0.132%
278	14.584	14.564	14.620	VV	2096	39342	0.45%	0.126%
279	14.627	14.620	14.636	VV	848	6983	0.08%	0.022%
280	14.647	14.636	14.684	VV	1004	20838	0.24%	0.067%
281	14.709	14.684	14.762	VV	970	29585	0.34%	0.095%
282	14.765	14.762	14.788	VV	488	6573	0.08%	0.021%
283	14.791	14.788	14.797	VV	421	1736	0.02%	0.006%
284	14.839	14.797	14.857	VV	716	16296	0.19%	0.052%
285	14.864	14.857	14.888	VV	433	6272	0.07%	0.020%

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286	14.914	14.888	15.011	VV	8352	205766	2.36%	0.662%
287	15.015	15.011	15.038	VV	974	13681	0.16%	0.044%
288	15.069	15.038	15.091	VV	3062	52559	0.60%	0.169%
289	15.096	15.091	15.126	VV	677	11298	0.13%	0.036%
290	15.129	15.126	15.137	VV	375	1786	0.02%	0.006%
291	15.178	15.137	15.203	VV	786	18645	0.21%	0.060%
292	15.208	15.203	15.221	VV	515	4635	0.05%	0.015%
293	15.231	15.221	15.235	VV	522	3946	0.05%	0.013%
294	15.252	15.235	15.276	VV	1048	17491	0.20%	0.056%
295	15.283	15.276	15.290	VV	548	3866	0.04%	0.012%
296	15.323	15.290	15.332	VV	730	12618	0.14%	0.041%
297	15.357	15.332	15.392	VV	1101	27884	0.32%	0.090%
298	15.437	15.392	15.470	VV	1027	31758	0.36%	0.102%
299	15.480	15.470	15.492	VV	467	4759	0.05%	0.015%
300	15.514	15.492	15.530	VV	1180	17553	0.20%	0.056%
301	15.552	15.530	15.585	VV	2193	32726	0.38%	0.105%
302	15.594	15.585	15.600	VV	515	4224	0.05%	0.014%
303	15.621	15.600	15.647	VV	698	11787	0.14%	0.038%
304	15.670	15.647	15.682	PV	266	2512	0.03%	0.008%
305	15.704	15.682	15.729	VV	882	13532	0.16%	0.044%
306	15.756	15.729	15.792	VV	833	16778	0.19%	0.054%
307	15.796	15.792	15.809	VV	158	1422	0.02%	0.005%
308	15.867	15.827	15.876	VV	375	5991	0.07%	0.019%
309	15.880	15.876	15.894	VV	311	2376	0.03%	0.008%
310	15.925	15.894	15.959	VV	1534	31649	0.36%	0.102%
311	15.963	15.959	15.986	VV	586	7516	0.09%	0.024%
312	15.994	15.986	16.005	VV	599	4660	0.05%	0.015%
313	16.031	16.005	16.050	VV	1127	18175	0.21%	0.058%
314	16.109	16.050	16.144	VV	1855	44355	0.51%	0.143%
315	16.210	16.144	16.248	VV	1034	45059	0.52%	0.145%
316	16.253	16.248	16.264	VV	641	4719	0.05%	0.015%
317	16.272	16.264	16.293	VV	611	8288	0.10%	0.027%
318	16.303	16.293	16.310	VV	472	3937	0.05%	0.013%
319	16.315	16.310	16.320	VV	409	2361	0.03%	0.008%
320	16.330	16.320	16.352	VV	510	6784	0.08%	0.022%
321	16.368	16.352	16.378	VV	440	5482	0.06%	0.018%
322	16.406	16.378	16.434	VV	1301	25362	0.29%	0.082%
323	16.441	16.434	16.443	VV	434	1798	0.02%	0.006%
324	16.467	16.443	16.479	VV	1906	27595	0.32%	0.089%
325	16.497	16.479	16.518	VV	2338	36149	0.41%	0.116%
326	16.540	16.518	16.565	VV	2981	43980	0.50%	0.141%
327	16.577	16.565	16.600	VV	919	14229	0.16%	0.046%
328	16.604	16.600	16.615	VV	514	4223	0.05%	0.014%
329	16.623	16.615	16.638	VV	520	5378	0.06%	0.017%

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330	16.668	16.638	16.679	VV	529	8895	0.10%	0.029%
331	16.685	16.679	16.727	VV	360	6988	0.08%	0.022%
332	16.733	16.727	16.750	VV	216	2034	0.02%	0.007%
333	16.803	16.750	16.827	PV	1120	23548	0.27%	0.076%
334	16.833	16.827	16.840	VV	347	2312	0.03%	0.007%
335	16.866	16.840	16.900	VV	1158	24503	0.28%	0.079%
336	16.943	16.900	16.972	VV	2253	44562	0.51%	0.143%
337	16.978	16.972	16.985	VV	308	2290	0.03%	0.007%
338	16.999	16.985	17.002	VV	348	2602	0.03%	0.008%
339	17.012	17.002	17.017	VV	349	2470	0.03%	0.008%
340	17.059	17.017	17.105	VV	1269	27395	0.31%	0.088%
341	17.148	17.105	17.167	PV	914	21156	0.24%	0.068%
342	17.171	17.167	17.200	VV	606	7697	0.09%	0.025%
343	17.208	17.200	17.224	VV	318	2823	0.03%	0.009%
344	17.231	17.224	17.251	VV	349	4144	0.05%	0.013%
345	17.260	17.251	17.292	VV	501	7444	0.09%	0.024%
346	17.320	17.292	17.326	VV	519	7751	0.09%	0.025%
347	17.347	17.326	17.357	VV	1460	17500	0.20%	0.056%
348	17.379	17.357	17.402	VV	2663	42223	0.48%	0.136%
349	17.427	17.402	17.435	VV	522	8280	0.09%	0.027%
350	17.468	17.435	17.505	VV	4721	79462	0.91%	0.255%
351	17.521	17.505	17.549	VV	910	17178	0.20%	0.055%
352	17.553	17.549	17.561	VV	475	3122	0.04%	0.010%
353	17.573	17.561	17.579	VV	746	6319	0.07%	0.020%
354	17.582	17.579	17.593	VV	684	3928	0.05%	0.013%
355	17.600	17.593	17.618	VV	309	2386	0.03%	0.008%
356	17.628	17.618	17.636	VV	197	1080	0.01%	0.003%
357	17.672	17.636	17.703	VV	2228	36335	0.42%	0.117%
358	17.735	17.703	17.767	PV	5496	97204	1.11%	0.313%
359	17.800	17.767	17.833	VV	3389	74561	0.85%	0.240%
360	17.849	17.833	17.872	VV	657	11749	0.13%	0.038%
361	17.897	17.872	17.928	VV	805	18587	0.21%	0.060%
362	17.935	17.928	17.949	VV	301	2158	0.02%	0.007%
363	17.964	17.949	17.973	VV	318	1886	0.02%	0.006%
364	17.993	17.973	18.000	VV	369	3619	0.04%	0.012%
365	18.008	18.000	18.040	VV	415	4524	0.05%	0.015%
366	18.081	18.040	18.098	PV	723	14910	0.17%	0.048%
367	18.103	18.098	18.118	VV	414	2106	0.02%	0.007%
368	18.142	18.118	18.151	VV	609	7455	0.09%	0.024%
369	18.209	18.151	18.225	VV	2308	50498	0.58%	0.162%
370	18.246	18.225	18.285	VV	2473	43776	0.50%	0.141%

Sum of corrected areas: 31103054

rteres

Aromatic EPH 121024.M Sat Dec 21 05:20:33 2024

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
 Data File : FC068065.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 13:58
 Operator : YP/AJ
 Sample : P5299-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SB-01

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Dec 21 01:52:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 2024
 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...	12.888	6062473	47.514 ug/ml
Spiked Amount 50.000		Recovery =	95.03%

Target Compounds

(f)=RT Delta > 1/2 Window

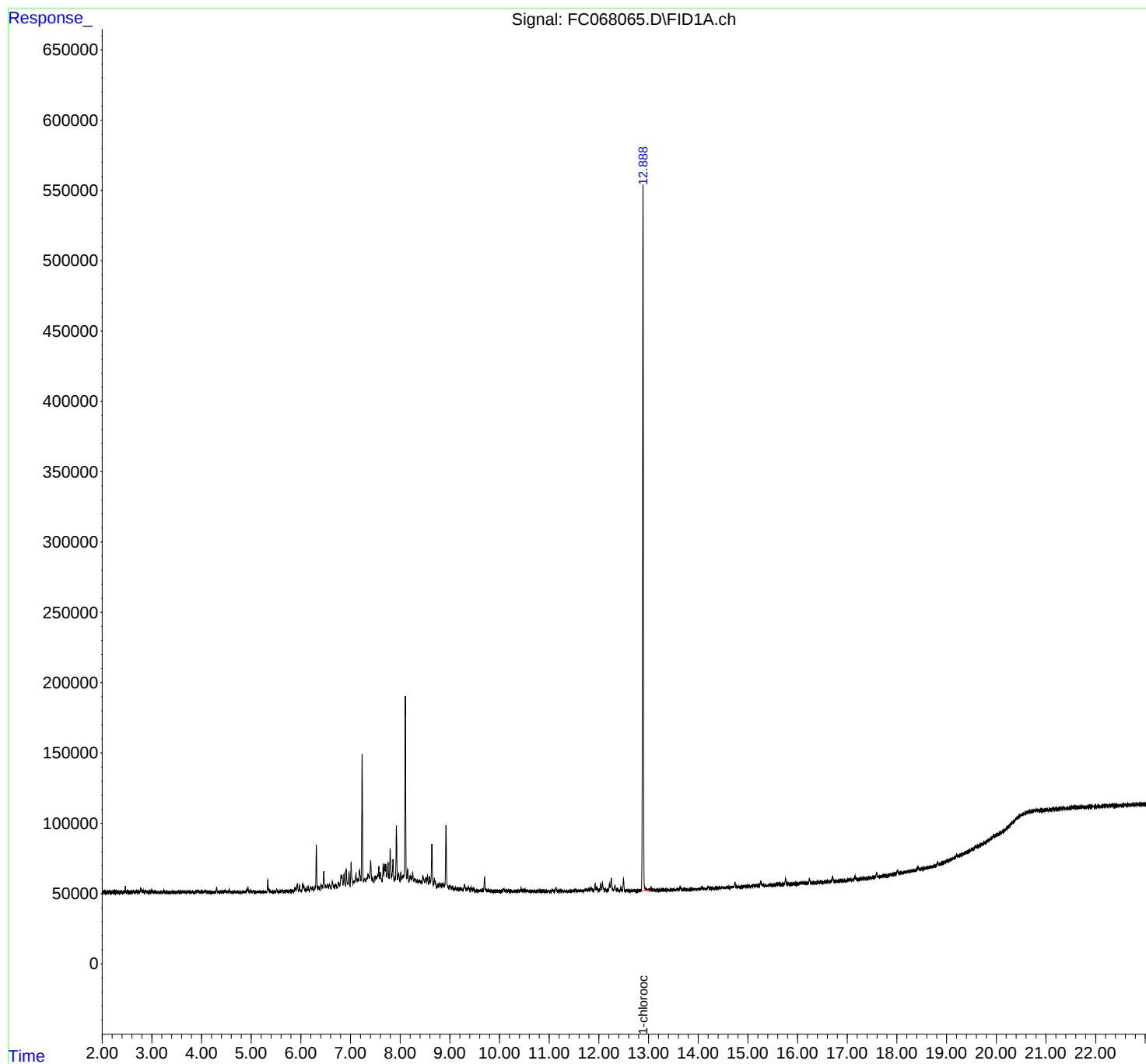
(m)=manual int.

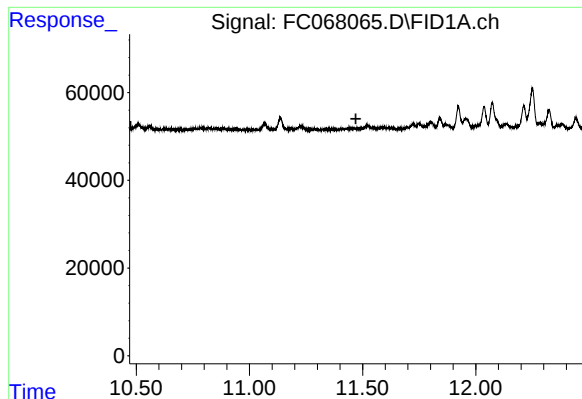
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
Data File : FC068065.D
Signal(s) : FID1A.ch
Acq On : 20 Dec 2024 13:58
Operator : YP/AJ
Sample : P5299-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
SB-01

Integration File: autoint1.e
Quant Time: Dec 21 01:52:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 07:59:10 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 u1
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

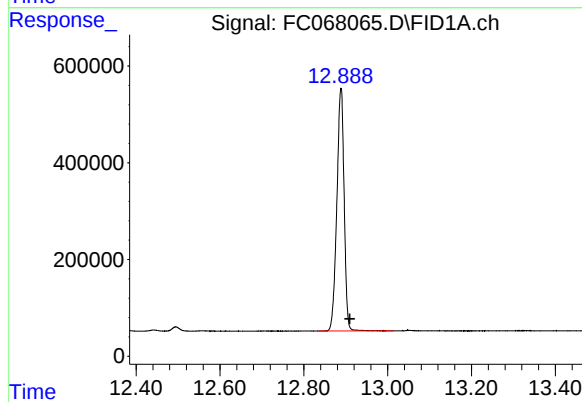




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.470 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
SB-01



#12 1-chlorooctadecane (SURR)

R.T.: 12.888 min
Delta R.T.: -0.021 min
Response: 6062473
Conc: 47.51 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
 Data File : FC068065.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 13:58
 Sample : P5299-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.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	3.138	3.104	3.158	BV	57	1123	0.02%	0.003%
2	3.184	3.158	3.199	PV	80	1157	0.02%	0.003%
3	3.245	3.199	3.273	VV	1189	12732	0.21%	0.033%
4	3.300	3.273	3.331	PV	163	2235	0.04%	0.006%
5	3.342	3.331	3.378	VV	117	1729	0.03%	0.005%
6	3.389	3.378	3.414	VV	149	1541	0.03%	0.004%
7	3.444	3.414	3.456	VV	207	2794	0.05%	0.007%
8	3.472	3.456	3.490	VV	94	1697	0.03%	0.004%
9	3.517	3.490	3.536	VV	412	6512	0.11%	0.017%
10	3.565	3.536	3.591	VV	428	6167	0.10%	0.016%
11	3.613	3.591	3.666	PV	586	9139	0.15%	0.024%
12	3.674	3.666	3.710	VV	175	2889	0.05%	0.008%
13	3.733	3.710	3.798	VV	591	10657	0.17%	0.028%
14	3.818	3.798	3.874	VV	460	9612	0.16%	0.025%
15	3.906	3.874	3.919	VV	1200	15027	0.25%	0.039%
16	3.934	3.919	3.957	VV	1599	15409	0.25%	0.041%
17	3.967	3.957	3.979	VV	288	2757	0.05%	0.007%
18	4.000	3.979	4.031	VV	863	9497	0.16%	0.025%
19	4.068	4.031	4.101	VV	1176	21804	0.36%	0.057%
20	4.106	4.101	4.157	VV	279	6803	0.11%	0.018%
21	4.167	4.157	4.241	VV	218	6973	0.11%	0.018%
22	4.256	4.241	4.278	VV	265	3870	0.06%	0.010%
23	4.303	4.278	4.330	VV	3851	39475	0.65%	0.104%
24	4.343	4.330	4.361	VV	494	5945	0.10%	0.016%
25	4.371	4.361	4.391	VV	243	3169	0.05%	0.008%
26	4.406	4.391	4.438	VV	540	8951	0.15%	0.024%
27	4.469	4.438	4.488	VV	1270	18868	0.31%	0.050%
28	4.501	4.488	4.510	VV	396	4330	0.07%	0.011%
29	4.526	4.510	4.541	VV	943	10505	0.17%	0.028%
30	4.555	4.541	4.572	VV	2053	19282	0.32%	0.051%
31	4.581	4.572	4.595	VV	445	4179	0.07%	0.011%
32	4.608	4.595	4.648	VV	363	7121	0.12%	0.019%
33	4.673	4.648	4.692	VV	532	7519	0.12%	0.020%
34	4.717	4.692	4.735	VV	402	5085	0.08%	0.013%
35	4.767	4.735	4.798	VV	301	5892	0.10%	0.015%
36	4.822	4.798	4.838	VV	184	1932	0.03%	0.005%

					rterres			
37	4.855	4.838	4.881	VV	328	4655	0.08%	0.012%
38	4.909	4.881	4.916	VV	1224	11151	0.18%	0.029%
39	4.934	4.916	4.960	VV	3921	47156	0.77%	0.124%
40	4.979	4.960	5.005	VV	1485	21270	0.35%	0.056%
41	5.015	5.005	5.024	VV	463	3928	0.06%	0.010%
42	5.040	5.024	5.073	VV	1267	13972	0.23%	0.037%
43	5.097	5.073	5.118	PV	176	3040	0.05%	0.008%
44	5.134	5.118	5.151	VV	573	7228	0.12%	0.019%
45	5.161	5.151	5.184	VV	340	5781	0.09%	0.015%
46	5.195	5.184	5.209	VV	486	5410	0.09%	0.014%
47	5.223	5.209	5.238	VV	394	4832	0.08%	0.013%
48	5.251	5.238	5.271	VV	299	4390	0.07%	0.012%
49	5.282	5.271	5.311	VV	320	4825	0.08%	0.013%
50	5.334	5.311	5.365	VV	8942	104493	1.72%	0.275%
51	5.374	5.365	5.414	VV	1388	19252	0.32%	0.051%
52	5.431	5.414	5.444	VV	418	5282	0.09%	0.014%
53	5.454	5.444	5.463	VV	291	2831	0.05%	0.007%
54	5.513	5.463	5.542	VV	2331	38519	0.63%	0.101%
55	5.582	5.542	5.600	VV	770	15717	0.26%	0.041%
56	5.626	5.600	5.661	VV	1539	29760	0.49%	0.078%
57	5.681	5.661	5.696	VV	979	13563	0.22%	0.036%
58	5.721	5.696	5.756	VV	1500	27735	0.46%	0.073%
59	5.785	5.756	5.804	VV	1086	21359	0.35%	0.056%
60	5.835	5.804	5.853	VV	1159	25900	0.43%	0.068%
61	5.886	5.853	5.904	VV	2893	58850	0.97%	0.155%
62	5.928	5.904	5.952	VV	5516	90532	1.49%	0.238%
63	5.972	5.952	6.004	VV	5096	71296	1.17%	0.187%
64	6.035	6.004	6.049	VV	5983	82742	1.36%	0.217%
65	6.060	6.049	6.084	VV	4787	65378	1.07%	0.172%
66	6.103	6.084	6.127	VV	2421	44296	0.73%	0.116%
67	6.145	6.127	6.172	VV	4358	63070	1.04%	0.166%
68	6.200	6.172	6.221	VV	3437	73387	1.20%	0.193%
69	6.239	6.221	6.259	VV	4087	62600	1.03%	0.165%
70	6.312	6.259	6.357	VV	33344	464836	7.63%	1.222%
71	6.367	6.357	6.383	VV	3480	42014	0.69%	0.110%
72	6.404	6.383	6.424	VV	5034	92023	1.51%	0.242%
73	6.434	6.424	6.441	VV	3847	36849	0.60%	0.097%
74	6.461	6.441	6.515	VV	14679	285715	4.69%	0.751%
75	6.532	6.515	6.554	VV	5875	104096	1.71%	0.274%
76	6.573	6.554	6.607	VV	5116	124372	2.04%	0.327%
77	6.634	6.607	6.657	VV	7598	150676	2.47%	0.396%
78	6.667	6.657	6.680	VV	4925	60007	0.99%	0.158%
79	6.697	6.680	6.731	VV	5165	127624	2.09%	0.335%
80	6.769	6.731	6.785	VV	5895	159545	2.62%	0.419%
81	6.809	6.785	6.819	VV	11921	177144	2.91%	0.466%
82	6.828	6.819	6.849	VV	11805	158896	2.61%	0.418%
83	6.870	6.849	6.893	VV	12854	216322	3.55%	0.569%
84	6.913	6.893	6.942	VV	16106	275282	4.52%	0.724%
85	6.970	6.942	6.990	VV	14376	240668	3.95%	0.633%
86	7.013	6.990	7.049	VV	20947	390382	6.41%	1.026%
87	7.065	7.049	7.078	VV	7676	122573	2.01%	0.322%
88	7.110	7.078	7.128	VV	13467	288805	4.74%	0.759%
89	7.149	7.128	7.163	VV	8987	179597	2.95%	0.472%

rteres								
90	7.181	7.163	7.209	VV	15503	317861	5.22%	0.835%
91	7.234	7.209	7.262	VV	98059	1163514	19.10%	3.058%
92	7.283	7.262	7.308	VV	9436	234920	3.86%	0.617%
93	7.355	7.308	7.381	VV	12645	452586	7.43%	1.190%
94	7.406	7.381	7.434	VV	21976	452096	7.42%	1.188%
95	7.448	7.434	7.470	VV	9711	185305	3.04%	0.487%
96	7.493	7.470	7.505	VV	11226	200949	3.30%	0.528%
97	7.517	7.505	7.530	VV	11044	152211	2.50%	0.400%
98	7.569	7.530	7.585	VV	18090	422096	6.93%	1.109%
99	7.599	7.585	7.638	VV	13968	331315	5.44%	0.871%
100	7.657	7.638	7.672	VV	19270	286094	4.70%	0.752%
101	7.687	7.672	7.699	VV	19566	272017	4.47%	0.715%
102	7.710	7.699	7.728	VV	19487	266825	4.38%	0.701%
103	7.754	7.728	7.774	VV	20825	394270	6.47%	1.036%
104	7.799	7.774	7.824	VV	30412	538706	8.84%	1.416%
105	7.854	7.824	7.878	VV	23025	460939	7.57%	1.212%
106	7.893	7.878	7.901	VV	10322	129859	2.13%	0.341%
107	7.924	7.901	7.949	VV	46815	653965	10.73%	1.719%
108	7.970	7.949	7.993	VV	12914	279673	4.59%	0.735%
109	8.012	7.993	8.030	VV	13657	235400	3.86%	0.619%
110	8.058	8.030	8.068	VV	11109	240196	3.94%	0.631%
111	8.103	8.068	8.132	VV	139861	1727440	28.36%	4.540%
112	8.150	8.132	8.174	VV	15849	293184	4.81%	0.771%
113	8.197	8.174	8.211	VV	11605	212298	3.48%	0.558%
114	8.221	8.211	8.231	VV	10029	115979	1.90%	0.305%
115	8.252	8.231	8.271	VV	13496	256178	4.21%	0.673%
116	8.295	8.271	8.328	VV	9141	279289	4.58%	0.734%
117	8.344	8.328	8.361	VV	8157	149471	2.45%	0.393%
118	8.391	8.361	8.421	VV	7952	263587	4.33%	0.693%
119	8.428	8.421	8.441	VV	6958	80643	1.32%	0.212%
120	8.456	8.441	8.491	VV	11806	274063	4.50%	0.720%
121	8.517	8.491	8.534	VV	9976	219000	3.59%	0.576%
122	8.550	8.534	8.571	VV	11712	190858	3.13%	0.502%
123	8.591	8.571	8.608	VV	10665	174209	2.86%	0.458%
124	8.637	8.608	8.664	VV	34019	517157	8.49%	1.359%
125	8.688	8.664	8.736	VV	9900	259842	4.27%	0.683%
126	8.758	8.736	8.767	VV	4738	77749	1.28%	0.204%
127	8.783	8.767	8.801	VV	5997	100876	1.66%	0.265%
128	8.820	8.801	8.838	VV	5169	97269	1.60%	0.256%
129	8.859	8.838	8.884	VV	5675	129923	2.13%	0.341%
130	8.922	8.884	8.981	VV	47367	705388	11.58%	1.854%
131	9.005	8.981	9.029	VV	4609	97060	1.59%	0.255%
132	9.053	9.029	9.089	VV	2974	89897	1.48%	0.236%
133	9.115	9.089	9.141	VV	2499	67698	1.11%	0.178%
134	9.155	9.141	9.188	VV	2352	57168	0.94%	0.150%
135	9.220	9.188	9.263	VV	2137	79511	1.31%	0.209%
136	9.294	9.263	9.327	VV	5021	110253	1.81%	0.290%
137	9.339	9.327	9.353	VV	2160	30239	0.50%	0.079%
138	9.377	9.353	9.402	VV	2967	61827	1.01%	0.163%
139	9.425	9.402	9.443	VV	3114	49488	0.81%	0.130%
140	9.456	9.443	9.464	VV	1928	21597	0.35%	0.057%
141	9.478	9.464	9.518	VV	2305	43805	0.72%	0.115%

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142	9.531	9.518	9.591	VV	958	29867	0.49%	0.079%
143	9.615	9.591	9.631	VV	1031	18983	0.31%	0.050%
144	9.652	9.631	9.672	VV	1333	25117	0.41%	0.066%
145	9.698	9.672	9.741	VV	10002	135184	2.22%	0.355%
146	9.769	9.741	9.788	VV	906	21530	0.35%	0.057%
147	9.798	9.788	9.838	VV	788	17434	0.29%	0.046%
148	9.846	9.838	9.858	VV	430	4538	0.07%	0.012%
149	9.868	9.858	9.895	VV	459	8055	0.13%	0.021%
150	9.908	9.895	9.959	VV	363	12212	0.20%	0.032%
151	9.976	9.959	9.998	VV	470	7050	0.12%	0.019%
152	10.044	9.998	10.057	VV	592	15323	0.25%	0.040%
153	10.085	10.057	10.111	VV	2073	35725	0.59%	0.094%
154	10.132	10.111	10.154	VV	649	11682	0.19%	0.031%
155	10.174	10.154	10.211	VV	650	12817	0.21%	0.034%
156	10.229	10.211	10.271	VV	516	9394	0.15%	0.025%
157	10.296	10.271	10.308	VV	336	5074	0.08%	0.013%
158	10.322	10.308	10.348	VV	333	6128	0.10%	0.016%
159	10.369	10.348	10.395	VV	431	9272	0.15%	0.024%
160	10.435	10.395	10.481	VV	2863	49894	0.82%	0.131%
161	10.508	10.481	10.536	VV	1327	25332	0.42%	0.067%
162	10.560	10.536	10.611	VV	859	17813	0.29%	0.047%
163	10.646	10.611	10.673	VV	277	7084	0.12%	0.019%
164	10.688	10.673	10.702	VV	155	2026	0.03%	0.005%
165	10.718	10.702	10.738	VV	154	2434	0.04%	0.006%
166	10.762	10.738	10.774	VV	402	5836	0.10%	0.015%
167	10.787	10.774	10.804	VV	457	6882	0.11%	0.018%
168	10.825	10.804	10.844	VV	433	8388	0.14%	0.022%
169	10.855	10.844	10.878	VV	407	6004	0.10%	0.016%
170	10.887	10.878	10.914	VV	392	4466	0.07%	0.012%
171	10.939	10.914	10.971	VV	335	4819	0.08%	0.013%
172	10.995	10.971	11.005	VV	111	1061	0.02%	0.003%
173	11.016	11.005	11.035	PV	98	1261	0.02%	0.003%
174	11.067	11.035	11.097	VV	1495	20938	0.34%	0.055%
175	11.136	11.097	11.188	VV	2859	41738	0.69%	0.110%
176	11.191	11.188	11.198	VV	255	1293	0.02%	0.003%
177	11.228	11.198	11.269	VV	807	14599	0.24%	0.038%
178	11.289	11.269	11.308	VV	156	1821	0.03%	0.005%
179	11.338	11.308	11.385	PV	105	3015	0.05%	0.008%
180	11.441	11.385	11.476	VV	304	10258	0.17%	0.027%
181	11.521	11.476	11.574	VV	956	25588	0.42%	0.067%
182	11.588	11.574	11.611	VV	534	9101	0.15%	0.024%
183	11.628	11.611	11.671	VV	409	8623	0.14%	0.023%
184	11.722	11.671	11.738	VV	1206	23086	0.38%	0.061%
185	11.749	11.738	11.769	VV	1341	18159	0.30%	0.048%
186	11.803	11.769	11.822	VV	1623	33523	0.55%	0.088%
187	11.841	11.822	11.859	VV	2568	34094	0.56%	0.090%
188	11.868	11.859	11.897	VV	1048	17430	0.29%	0.046%
189	11.923	11.897	11.941	VV	5216	65919	1.08%	0.173%
190	11.955	11.941	11.988	VV	2412	43476	0.71%	0.114%
191	12.037	11.988	12.054	VV	5191	77693	1.28%	0.204%
192	12.073	12.054	12.111	VV	6086	93428	1.53%	0.246%
193	12.135	12.111	12.163	VV	1145	22770	0.37%	0.060%
194	12.212	12.163	12.226	VV	5268	75482	1.24%	0.198%

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195	12.250	12.226	12.274	VV	9301	139348	2.29%	0.366%
196	12.284	12.274	12.296	VV	1308	14581	0.24%	0.038%
197	12.323	12.296	12.346	VV	4284	62594	1.03%	0.165%
198	12.381	12.346	12.409	VV	1033	22813	0.37%	0.060%
199	12.442	12.409	12.467	VV	2460	32738	0.54%	0.086%
200	12.495	12.467	12.531	VV	8953	112514	1.85%	0.296%
201	12.557	12.531	12.634	VV	653	14788	0.24%	0.039%
202	12.669	12.634	12.674	PV	79	1237	0.02%	0.003%
203	12.706	12.674	12.748	PV	216	6477	0.11%	0.017%
204	12.765	12.748	12.783	VV	131	2057	0.03%	0.005%
205	12.806	12.783	12.824	VV	256	4290	0.07%	0.011%
206	12.888	12.824	13.013	VV	501718	6091987	100.00%	16.012%
207	13.049	13.013	13.094	VV	1824	30905	0.51%	0.081%
208	13.105	13.094	13.161	VV	446	12273	0.20%	0.032%
209	13.170	13.161	13.205	VV	251	4472	0.07%	0.012%
210	13.333	13.205	13.372	VV	423	24558	0.40%	0.065%
211	13.504	13.372	13.527	VV	427	19611	0.32%	0.052%
212	13.586	13.527	13.608	VV	698	15277	0.25%	0.040%
213	13.638	13.608	13.677	VV	2301	33894	0.56%	0.089%
214	13.696	13.677	13.715	VV	227	4311	0.07%	0.011%
215	13.727	13.715	13.772	VV	515	4796	0.08%	0.013%
216	13.781	13.772	13.800	VV	120	1108	0.02%	0.003%
217	13.859	13.800	13.898	PV	426	11358	0.19%	0.030%
218	13.904	13.898	13.918	VV	202	1806	0.03%	0.005%
219	13.936	13.918	13.951	VV	174	1968	0.03%	0.005%
220	13.972	13.951	13.993	VV	131	1233	0.02%	0.003%
221	14.002	13.993	14.017	VV	111	816	0.01%	0.002%
222	14.073	14.017	14.118	VV	1398	26373	0.43%	0.069%
223	14.128	14.118	14.147	VV	211	2616	0.04%	0.007%
224	14.201	14.147	14.237	VV	1798	27585	0.45%	0.073%
225	14.256	14.237	14.298	VV	334	7894	0.13%	0.021%
226	14.358	14.298	14.388	VV	254	6865	0.11%	0.018%
227	14.404	14.388	14.424	PV	416	6503	0.11%	0.017%
228	14.440	14.424	14.464	VV	299	5289	0.09%	0.014%
229	14.514	14.464	14.534	VV	293	8528	0.14%	0.022%
230	14.554	14.534	14.563	PV	198	2788	0.05%	0.007%
231	14.596	14.563	14.620	VV	358	8225	0.14%	0.022%
232	14.696	14.620	14.718	VV	769	20484	0.34%	0.054%
233	14.739	14.718	14.774	VV	3711	53130	0.87%	0.140%
234	14.793	14.774	14.851	VV	698	14243	0.23%	0.037%
235	14.859	14.851	14.891	VV	180	2205	0.04%	0.006%
236	14.931	14.891	14.968	VV	628	13358	0.22%	0.035%
237	14.984	14.968	15.001	VV	416	6430	0.11%	0.017%
238	15.016	15.001	15.034	VV	303	4317	0.07%	0.011%
239	15.048	15.034	15.064	VV	259	3300	0.05%	0.009%
240	15.125	15.064	15.135	VV	520	13560	0.22%	0.036%
241	15.158	15.135	15.214	VV	667	21868	0.36%	0.057%
242	15.257	15.214	15.284	VV	3391	54732	0.90%	0.144%
243	15.305	15.284	15.385	VV	872	24650	0.40%	0.065%
244	15.438	15.385	15.472	PV	641	14556	0.24%	0.038%
245	15.487	15.472	15.531	VV	433	10733	0.18%	0.028%
246	15.578	15.531	15.614	VV	733	23654	0.39%	0.062%

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247	15.624	15.614	15.671	VV	680	17468	0.29%	0.046%
248	15.688	15.671	15.703	VV	395	6876	0.11%	0.018%
249	15.721	15.703	15.733	VV	618	9580	0.16%	0.025%
250	15.758	15.733	15.788	VV	4350	62693	1.03%	0.165%
251	15.802	15.788	15.841	VV	772	14844	0.24%	0.039%
252	15.849	15.841	15.870	VV	231	2396	0.04%	0.006%
253	15.931	15.870	15.971	PV	629	21510	0.35%	0.057%
254	15.990	15.971	16.020	VV	380	8575	0.14%	0.023%
255	16.068	16.020	16.094	PV	696	19525	0.32%	0.051%
256	16.115	16.094	16.185	VV	599	22738	0.37%	0.060%
257	16.240	16.185	16.268	VV	3308	52516	0.86%	0.138%
258	16.279	16.268	16.298	VV	569	7980	0.13%	0.021%
259	16.308	16.298	16.333	VV	367	5081	0.08%	0.013%
260	16.344	16.333	16.360	VV	133	1603	0.03%	0.004%
261	16.411	16.360	16.445	PV	525	14948	0.25%	0.039%
262	16.462	16.445	16.488	VV	517	8270	0.14%	0.022%
263	16.514	16.488	16.528	VV	304	5498	0.09%	0.014%
264	16.544	16.528	16.557	VV	594	7526	0.12%	0.020%
265	16.591	16.557	16.645	VV	718	22992	0.38%	0.060%
266	16.706	16.645	16.768	PV	3609	66598	1.09%	0.175%
267	16.779	16.768	16.791	VV	232	2091	0.03%	0.005%
268	16.804	16.791	16.813	PV	154	1387	0.02%	0.004%
269	16.863	16.813	16.877	PV	408	8933	0.15%	0.023%
270	16.887	16.877	16.917	VV	320	4830	0.08%	0.013%
271	17.029	16.917	17.048	VV	353	16654	0.27%	0.044%
272	17.075	17.048	17.107	VV	204	5518	0.09%	0.015%
273	17.157	17.107	17.231	VV	2882	51919	0.85%	0.136%
274	17.357	17.231	17.393	PV	257	24616	0.40%	0.065%
275	17.591	17.393	17.624	PV	3080	68962	1.13%	0.181%
276	17.754	17.624	17.774	VV	293	12706	0.21%	0.033%
277	17.802	17.774	17.820	VV	188	2072	0.03%	0.005%
278	17.873	17.820	17.918	PV	521	11725	0.19%	0.031%
279	18.013	17.918	18.041	VV	2517	42763	0.70%	0.112%
280	18.087	18.041	18.101	VV	146	3989	0.07%	0.010%
281	18.338	18.101	18.351	PV	199	18958	0.31%	0.050%
282	18.423	18.351	18.490	VV	2340	47163	0.77%	0.124%
283	18.820	18.490	18.850	PV	1301	-338	-0.01%	-0.001%
284	19.206	18.850	19.234	PV	1885	60182	0.99%	0.158%
285	19.583	19.234	19.598	VV	2819	266363	4.37%	0.700%
286	19.946	19.598	19.965	VV	5582	713326	11.71%	1.875%
287	20.659	19.965	20.683	VV	13332	3983051	65.38%	10.469%
288	20.809	20.683	20.898	VV	11754	1508180	24.76%	3.964%
289	20.905	20.898	20.928	VV	10279	182267	2.99%	0.479%
290	20.993	20.928	21.018	VV	9260	509049	8.36%	1.338%
291	21.395	21.018	21.418	VV	5203	1680898	27.59%	4.418%
292	21.454	21.418	21.471	VV	4549	147069	2.41%	0.387%
293	21.526	21.471	21.561	VV	4158	217089	3.56%	0.571%
294	21.600	21.561	21.676	VV	3154	193373	3.17%	0.508%
295	21.783	21.676	21.828	VV	903	103553	1.70%	0.272%

Sum of corrected areas: 38045728

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048903.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 13:58
 Operator : YP/AJ
 Sample : P5299-03
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SB-01

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Dec 21 04:04:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 2024
 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...	7.361	9288209	55.144 ug/ml
Spiked Amount 50.000		Recovery =	110.29%
6) S 2-Fluorobiphenyl (SURR)	8.211	6014948	58.223 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	116.45%
11) S ortho-Terphenyl (SURR)	11.245	5589681	31.462 ug/ml
Spiked Amount 50.000		Recovery =	62.92%

Target Compounds

(f)=RT Delta > 1/2 Window

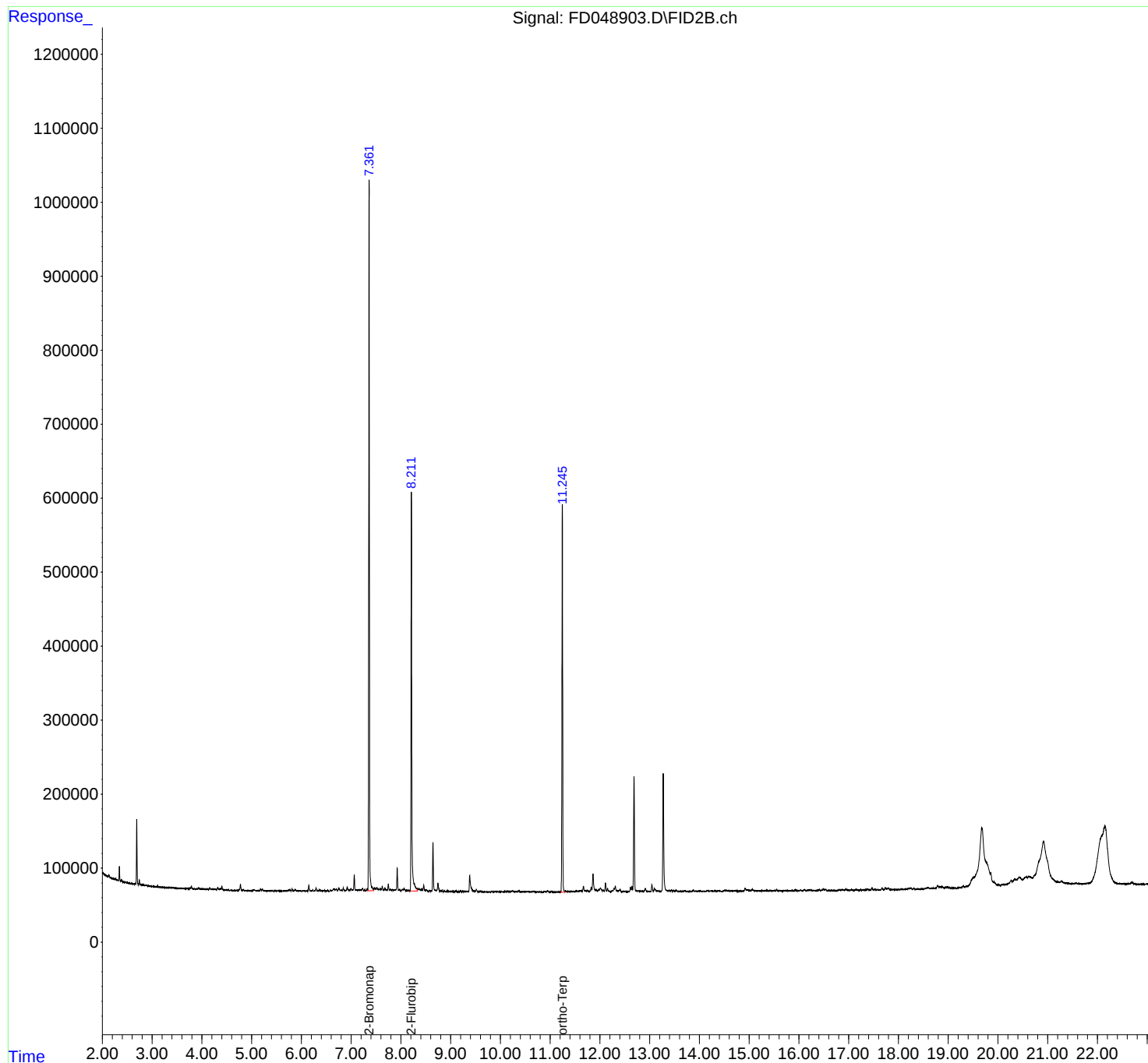
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
Data File : FD048903.D
Signal(s) : FID2B.ch
Acq On : 20 Dec 2024 13:58
Operator : YP/AJ
Sample : P5299-03
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
SB-01

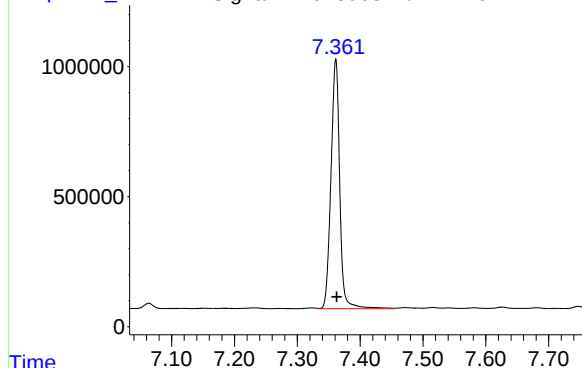
Integration File: autoint1.e
Quant Time: Dec 21 04:04:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 06:07:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Signal: FD048903.D\FID2B.ch

#4 2-Bromonaphthalene (SURR)

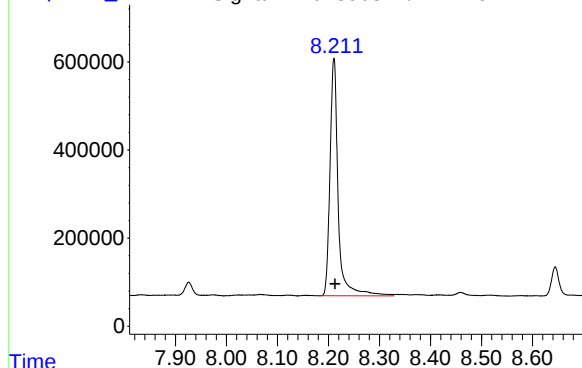


R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 9288209
Conc: 55.14 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-01

Signal: FD048903.D\FID2B.ch

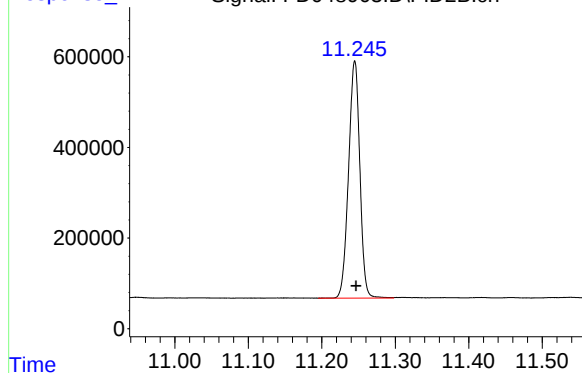
#6 2-Fluorobiphenyl (SURR)



R.T.: 8.211 min
Delta R.T.: -0.002 min
Response: 6014948
Conc: 58.22 ug/ml

Signal: FD048903.D\FID2B.ch

#11 ortho-Terphenyl (SURR)



R.T.: 11.245 min
Delta R.T.: -0.002 min
Response: 5589681
Conc: 31.46 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048903.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 13:58
 Sample : P5299-03
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH
 121024.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	4.050	4.042	4.074	BV	362	2758	0.03%	0.008%
2	4.090	4.074	4.110	PV	479	7016	0.07%	0.019%
3	4.159	4.110	4.200	VV	2598	40666	0.43%	0.112%
4	4.208	4.200	4.222	VV	681	6753	0.07%	0.019%
5	4.233	4.222	4.247	VV	674	7426	0.08%	0.021%
6	4.265	4.247	4.294	VV	1205	18328	0.20%	0.051%
7	4.321	4.294	4.357	VV	3472	54108	0.58%	0.150%
8	4.374	4.357	4.388	VV	2679	30587	0.33%	0.085%
9	4.404	4.388	4.443	VV	4865	54601	0.58%	0.151%
10	4.455	4.443	4.463	VV	404	3192	0.03%	0.009%
11	4.480	4.463	4.503	VV	850	12541	0.13%	0.035%
12	4.521	4.503	4.543	VV	611	9312	0.10%	0.026%
13	4.546	4.543	4.573	VV	203	2466	0.03%	0.007%
14	4.589	4.573	4.614	PV	584	8015	0.09%	0.022%
15	4.619	4.614	4.643	VV	248	2313	0.02%	0.006%
16	4.653	4.643	4.682	VV	402	5053	0.05%	0.014%
17	4.694	4.682	4.737	VV	481	9769	0.10%	0.027%
18	4.775	4.737	4.812	VV	8562	116859	1.25%	0.323%
19	4.831	4.812	4.860	VV	2095	22984	0.25%	0.064%
20	4.882	4.860	4.910	PV	513	8254	0.09%	0.023%
21	4.916	4.910	4.924	VV	202	1241	0.01%	0.003%
22	4.944	4.924	4.955	VV	322	3167	0.03%	0.009%
23	4.971	4.955	4.994	PV	478	5965	0.06%	0.016%
24	5.008	4.994	5.013	VV	379	2763	0.03%	0.008%
25	5.033	5.013	5.054	VV	1476	23770	0.25%	0.066%

rteres								
26	5.056	5.054	5.120	VV	1140	24390	0.26%	0.067%
27	5.125	5.120	5.130	VV	298	1551	0.02%	0.004%
28	5.139	5.130	5.156	VV	450	4760	0.05%	0.013%
29	5.180	5.156	5.202	VV	3132	38625	0.41%	0.107%
30	5.218	5.202	5.262	VV	3014	38768	0.41%	0.107%
31	5.274	5.262	5.296	VV	673	7206	0.08%	0.020%
32	5.300	5.296	5.318	PV	112	1033	0.01%	0.003%
33	5.341	5.318	5.358	VV	717	9411	0.10%	0.026%
34	5.363	5.358	5.380	VV	445	4180	0.04%	0.012%
35	5.383	5.380	5.404	VV	183	2331	0.02%	0.006%
36	5.426	5.411	5.445	VV	416	4168	0.04%	0.012%
37	5.468	5.445	5.500	VV	789	10737	0.11%	0.030%
38	5.520	5.500	5.541	VV	447	7539	0.08%	0.021%
39	5.547	5.541	5.589	VV	322	4358	0.05%	0.012%
40	5.605	5.589	5.611	PV	251	1827	0.02%	0.005%
41	5.629	5.611	5.638	VV	338	3780	0.04%	0.010%
42	5.643	5.638	5.666	VV	393	3925	0.04%	0.011%
43	5.700	5.666	5.712	VV	575	10883	0.12%	0.030%
44	5.768	5.712	5.796	VV	2049	61874	0.66%	0.171%
45	5.813	5.796	5.845	VV	2686	40696	0.43%	0.113%
46	5.877	5.845	5.914	VV	2412	49631	0.53%	0.137%
47	5.932	5.914	5.960	VV	765	13927	0.15%	0.039%
48	5.972	5.960	5.990	VV	680	7295	0.08%	0.020%
49	5.999	5.990	6.009	VV	216	1328	0.01%	0.004%
50	6.030	6.009	6.044	PV	765	9625	0.10%	0.027%
51	6.064	6.044	6.083	VV	712	10779	0.11%	0.030%
52	6.110	6.083	6.127	VV	593	9431	0.10%	0.026%
53	6.150	6.127	6.198	VV	8255	102004	1.09%	0.282%
54	6.228	6.198	6.250	VV	1789	25641	0.27%	0.071%
55	6.264	6.250	6.275	VV	1142	11741	0.13%	0.032%
56	6.296	6.275	6.322	VV	4833	62652	0.67%	0.173%
57	6.330	6.322	6.350	VV	1013	13810	0.15%	0.038%
58	6.367	6.350	6.387	VV	1745	24559	0.26%	0.068%
59	6.393	6.387	6.440	VV	859	16699	0.18%	0.046%
60	6.455	6.440	6.490	VV	1336	22055	0.24%	0.061%
61	6.524	6.490	6.562	VV	1018	23119	0.25%	0.064%
62	6.584	6.562	6.610	PV	2174	30677	0.33%	0.085%
63	6.643	6.610	6.652	VV	3136	49017	0.52%	0.136%
64	6.661	6.652	6.677	VV	2972	36268	0.39%	0.100%
65	6.686	6.677	6.690	VV	2438	16207	0.17%	0.045%
66	6.702	6.690	6.729	VV	3558	50642	0.54%	0.140%
67	6.747	6.729	6.786	VV	3961	88543	0.94%	0.245%
68	6.803	6.786	6.818	VV	2554	31075	0.33%	0.086%
69	6.842	6.818	6.887	VV	4800	92025	0.98%	0.255%

				riteres				
70	6.922	6.887	6.955	VV	6469	115638	1.23%	0.320%
71	6.964	6.955	6.975	VV	1864	21309	0.23%	0.059%
72	6.996	6.975	7.015	VV	3864	66848	0.71%	0.185%
73	7.024	7.015	7.040	VV	2475	32553	0.35%	0.090%
74	7.064	7.040	7.089	VV	22506	250349	2.67%	0.692%
75	7.117	7.089	7.135	VV	2260	52846	0.56%	0.146%
76	7.155	7.135	7.172	VV	2678	49043	0.52%	0.136%
77	7.183	7.172	7.202	VV	2624	40839	0.44%	0.113%
78	7.232	7.202	7.257	VV	4242	89506	0.95%	0.248%
79	7.271	7.257	7.298	VV	2102	37731	0.40%	0.104%
80	7.322	7.298	7.335	VV	4054	59038	0.63%	0.163%
81	7.361	7.335	7.455	VV	962338	9375515	100.00%	25.929%
82	7.472	7.455	7.498	VV	5338	105562	1.13%	0.292%
83	7.516	7.498	7.531	VV	5764	86630	0.92%	0.240%
84	7.541	7.531	7.564	VV	4376	63677	0.68%	0.176%
85	7.581	7.564	7.604	VV	4789	80529	0.86%	0.223%
86	7.626	7.604	7.665	VV	7445	139430	1.49%	0.386%
87	7.681	7.665	7.699	VV	4965	68222	0.73%	0.189%
88	7.713	7.699	7.726	VV	2399	35543	0.38%	0.098%
89	7.747	7.726	7.769	VV	10383	133244	1.42%	0.369%
90	7.787	7.769	7.818	VV	3175	69716	0.74%	0.193%
91	7.833	7.818	7.852	VV	3291	50017	0.53%	0.138%
92	7.890	7.852	7.905	VV	2549	75401	0.80%	0.209%
93	7.926	7.905	7.962	VV	31744	368658	3.93%	1.020%
94	7.974	7.962	7.995	VV	3137	44456	0.47%	0.123%
95	8.025	7.995	8.031	VV	2833	42200	0.45%	0.117%
96	8.044	8.031	8.051	VV	3041	33885	0.36%	0.094%
97	8.067	8.051	8.094	VV	3946	73692	0.79%	0.204%
98	8.098	8.094	8.107	VV	1611	11895	0.13%	0.033%
99	8.121	8.107	8.140	VV	2592	37788	0.40%	0.105%
100	8.154	8.140	8.180	VV	2088	37319	0.40%	0.103%
101	8.211	8.180	8.326	VV	540395	6103374	65.10%	16.880%
102	8.334	8.326	8.361	VV	4251	80637	0.86%	0.223%
103	8.372	8.361	8.400	VV	3794	75240	0.80%	0.208%
104	8.416	8.400	8.440	VV	3297	64497	0.69%	0.178%
105	8.459	8.440	8.500	VV	8724	146076	1.56%	0.404%
106	8.518	8.500	8.556	VV	2634	53870	0.57%	0.149%
107	8.578	8.556	8.593	VV	1624	26302	0.28%	0.073%
108	8.607	8.593	8.616	VV	1269	15708	0.17%	0.043%
109	8.645	8.616	8.695	VV	67054	730456	7.79%	2.020%
110	8.699	8.695	8.709	VV	2002	16159	0.17%	0.045%
111	8.745	8.709	8.785	VV	11743	207527	2.21%	0.574%
112	8.806	8.785	8.817	VV	1802	28589	0.30%	0.079%

rteres								
113	8.828	8.817	8.856	VV	2035	29814	0.32%	0.082%
114	8.877	8.856	8.903	VV	1181	21717	0.23%	0.060%
115	8.934	8.903	8.962	VV	1396	30559	0.33%	0.085%
116	8.978	8.962	9.009	VV	1064	17951	0.19%	0.050%
117	9.040	9.009	9.079	VV	862	22550	0.24%	0.062%
118	9.105	9.079	9.149	VV	1614	30909	0.33%	0.085%
119	9.164	9.149	9.168	VV	444	3630	0.04%	0.010%
120	9.183	9.168	9.196	VV	764	10935	0.12%	0.030%
121	9.205	9.196	9.228	VV	869	11008	0.12%	0.030%
122	9.244	9.228	9.264	VV	1126	14518	0.15%	0.040%
123	9.281	9.264	9.293	VV	690	9619	0.10%	0.027%
124	9.297	9.293	9.324	VV	701	8991	0.10%	0.025%
125	9.349	9.324	9.359	VV	867	10932	0.12%	0.030%
126	9.383	9.359	9.499	VV	22397	449355	4.79%	1.243%
127	9.518	9.499	9.549	VV	3644	52554	0.56%	0.145%
128	9.561	9.549	9.571	VV	751	8648	0.09%	0.024%
129	9.589	9.571	9.599	VV	918	12900	0.14%	0.036%
130	9.603	9.599	9.632	VV	831	12039	0.13%	0.033%
131	9.635	9.632	9.649	VV	480	3398	0.04%	0.009%
132	9.658	9.649	9.672	VV	425	4252	0.05%	0.012%
133	9.678	9.672	9.710	VV	460	6444	0.07%	0.018%
134	9.731	9.710	9.738	VV	364	3932	0.04%	0.011%
135	9.762	9.738	9.774	PV	355	3967	0.04%	0.011%
136	9.791	9.774	9.808	VV	428	4747	0.05%	0.013%
137	9.830	9.808	9.854	VV	770	11074	0.12%	0.031%
138	9.891	9.854	9.895	VV	677	10776	0.11%	0.030%
139	9.902	9.895	9.925	VV	810	11376	0.12%	0.031%
140	9.938	9.925	9.967	VV	735	11864	0.13%	0.033%
141	9.993	9.967	10.000	VV	629	9257	0.10%	0.026%
142	10.020	10.000	10.072	VV	1065	18887	0.20%	0.052%
143	10.090	10.072	10.129	VV	865	20787	0.22%	0.057%
144	10.145	10.129	10.167	VV	679	11168	0.12%	0.031%
145	10.186	10.167	10.209	VV	903	16724	0.18%	0.046%
146	10.246	10.209	10.283	VV	1682	45285	0.48%	0.125%
147	10.297	10.283	10.307	VV	601	6355	0.07%	0.018%
148	10.324	10.307	10.342	VV	847	14645	0.16%	0.041%
149	10.373	10.342	10.396	VV	1876	33754	0.36%	0.093%
150	10.407	10.396	10.415	VV	367	3317	0.04%	0.009%
151	10.434	10.415	10.452	VV	453	7802	0.08%	0.022%
152	10.470	10.452	10.485	VV	584	8812	0.09%	0.024%
153	10.506	10.485	10.528	VV	734	13869	0.15%	0.038%
154	10.533	10.528	10.538	VV	611	3128	0.03%	0.009%
155	10.554	10.538	10.561	VV	785	9708	0.10%	0.027%

rteres									
156	10.571	10.561	10.599	VV	835	15282	0.16%	0.042%	
157	10.640	10.599	10.654	VV	1129	22091	0.24%	0.061%	
158	10.666	10.654	10.690	VV	1152	18225	0.19%	0.050%	
159	10.701	10.690	10.719	VV	596	6957	0.07%	0.019%	
160	10.734	10.719	10.738	VV	392	3249	0.03%	0.009%	
161	10.744	10.738	10.754	VV	384	3514	0.04%	0.010%	
162	10.757	10.754	10.770	VV	375	3158	0.03%	0.009%	
163	10.779	10.770	10.800	VV	542	6824	0.07%	0.019%	
164	10.804	10.800	10.843	VV	372	5889	0.06%	0.016%	
165	10.883	10.843	10.906	VV	1312	22590	0.24%	0.062%	
166	10.914	10.906	10.919	VV	564	3154	0.03%	0.009%	
167	10.948	10.919	10.985	VV	2070	35399	0.38%	0.098%	
168	10.994	10.985	11.011	VV	566	6908	0.07%	0.019%	
169	11.034	11.011	11.078	VV	767	16079	0.17%	0.044%	
170	11.092	11.078	11.105	PV	341	2792	0.03%	0.008%	
171	11.111	11.105	11.124	VV	185	1511	0.02%	0.004%	
172	11.134	11.124	11.137	VV	379	2063	0.02%	0.006%	
173	11.150	11.137	11.158	VV	512	4840	0.05%	0.013%	
174	11.162	11.158	11.167	VV	466	2097	0.02%	0.006%	
175	11.170	11.167	11.196	VV	363	3047	0.03%	0.008%	
176	11.245	11.196	11.299	PV	523881	5594290	59.67%	15.472%	
177	11.311	11.299	11.342	VV	1532	32402	0.35%	0.090%	
178	11.367	11.342	11.377	VV	1146	20380	0.22%	0.056%	
179	11.381	11.377	11.394	VV	955	7684	0.08%	0.021%	
180	11.418	11.394	11.438	VV	1458	24168	0.26%	0.067%	
181	11.458	11.438	11.486	VV	1358	21420	0.23%	0.059%	
182	11.515	11.486	11.522	VV	1284	17570	0.19%	0.049%	
183	11.539	11.522	11.562	VV	1761	30393	0.32%	0.084%	
184	11.606	11.562	11.616	VV	1644	45407	0.48%	0.126%	
185	11.630	11.616	11.644	VV	1995	27705	0.30%	0.077%	
186	11.669	11.644	11.697	VV	7801	121548	1.30%	0.336%	
187	11.711	11.697	11.726	VV	2279	29381	0.31%	0.081%	
188	11.751	11.726	11.780	VV	2316	50269	0.54%	0.139%	
189	11.825	11.780	11.838	VV	6126	92792	0.99%	0.257%	
190	11.862	11.838	11.904	VV	24295	408574	4.36%	1.130%	
191	11.921	11.904	11.952	VV	2960	67817	0.72%	0.188%	
192	11.977	11.952	11.987	VV	3348	55441	0.59%	0.153%	
193	12.012	11.987	12.054	VV	5664	145001	1.55%	0.401%	
194	12.066	12.054	12.085	VV	2583	37727	0.40%	0.104%	
195	12.112	12.085	12.137	VV	12205	161853	1.73%	0.448%	
196	12.154	12.137	12.174	VV	4863	62313	0.66%	0.172%	
197	12.183	12.174	12.227	VV	1369	25086	0.27%	0.069%	
198	12.250	12.227	12.263	VV	2146	29124	0.31%	0.081%	
199	12.281	12.263	12.294	VV	4919	61492	0.66%	0.170%	

				rteres				
200	12.309	12.294	12.332	VV	7883	108615	1.16%	0.300%
201	12.345	12.332	12.360	VV	1769	22216	0.24%	0.061%
202	12.384	12.360	12.395	VV	2138	32022	0.34%	0.089%
203	12.407	12.395	12.462	VV	3789	47490	0.51%	0.131%
204	12.467	12.462	12.473	VV	304	1456	0.02%	0.004%
205	12.492	12.473	12.512	VV	922	13495	0.14%	0.037%
206	12.526	12.512	12.557	VV	631	10680	0.11%	0.030%
207	12.574	12.557	12.580	VV	422	2808	0.03%	0.008%
208	12.614	12.580	12.629	VV	6485	80571	0.86%	0.223%
209	12.645	12.629	12.660	VV	7462	92199	0.98%	0.255%
210	12.686	12.660	12.731	VV	156087	1862423	19.86%	5.151%
211	12.734	12.731	12.753	VV	1460	15832	0.17%	0.044%
212	12.765	12.753	12.785	VV	1391	20001	0.21%	0.055%
213	12.798	12.785	12.806	VV	893	9906	0.11%	0.027%
214	12.824	12.806	12.852	VV	945	20224	0.22%	0.056%
215	12.855	12.852	12.875	VV	687	8200	0.09%	0.023%
216	12.913	12.875	12.952	VV	4770	85604	0.91%	0.237%
217	12.988	12.952	13.016	VV	831	23259	0.25%	0.064%
218	13.045	13.016	13.075	VV	9658	125290	1.34%	0.347%
219	13.097	13.075	13.157	VV	4408	106890	1.14%	0.296%
220	13.170	13.157	13.191	VV	1281	19842	0.21%	0.055%
221	13.205	13.191	13.220	VV	732	9949	0.11%	0.028%
222	13.224	13.220	13.227	VV	648	2320	0.02%	0.006%
223	13.273	13.227	13.369	VV	159603	2144179	22.87%	5.930%
224	13.395	13.369	13.416	VV	2023	38527	0.41%	0.107%
225	13.440	13.416	13.460	VV	2349	34672	0.37%	0.096%
226	13.479	13.460	13.504	VV	1266	21396	0.23%	0.059%
227	13.533	13.504	13.587	VV	1538	43276	0.46%	0.120%
228	13.609	13.587	13.642	VV	480	9349	0.10%	0.026%
229	13.667	13.642	13.678	VV	584	7382	0.08%	0.020%
230	13.700	13.678	13.722	VV	1403	22927	0.24%	0.063%
231	13.732	13.722	13.758	VV	605	8496	0.09%	0.023%
232	13.768	13.758	13.787	VV	364	4621	0.05%	0.013%
233	13.805	13.787	13.832	VV	583	9460	0.10%	0.026%
234	13.881	13.832	13.913	VV	1412	37373	0.40%	0.103%
235	13.928	13.913	13.957	VV	663	11853	0.13%	0.033%
236	13.974	13.957	13.988	VV	738	9806	0.10%	0.027%
237	13.999	13.988	14.021	VV	831	13642	0.15%	0.038%
238	14.026	14.021	14.077	VV	691	13448	0.14%	0.037%
239	14.082	14.077	14.095	VV	267	2621	0.03%	0.007%
240	14.098	14.095	14.103	VV	326	1299	0.01%	0.004%
241	14.108	14.103	14.120	VV	258	2168	0.02%	0.006%
242	14.165	14.120	14.194	VV	1364	30285	0.32%	0.084%

rteres								
243	14.203	14.194	14.217	VV	552	6145	0.07%	0.017%
244	14.234	14.217	14.282	VV	910	21654	0.23%	0.060%
245	14.310	14.282	14.335	VV	583	12600	0.13%	0.035%
246	14.349	14.335	14.363	VV	566	6103	0.07%	0.017%
247	14.382	14.363	14.439	VV	879	21002	0.22%	0.058%
248	14.445	14.439	14.465	VV	378	4527	0.05%	0.013%
249	14.503	14.465	14.520	VV	1600	30167	0.32%	0.083%
250	14.537	14.520	14.570	VV	2028	36597	0.39%	0.101%
251	14.588	14.570	14.612	VV	1209	19118	0.20%	0.053%
252	14.618	14.612	14.623	VV	444	2463	0.03%	0.007%
253	14.652	14.623	14.688	VV	753	18164	0.19%	0.050%
254	14.713	14.688	14.742	VV	805	18783	0.20%	0.052%
255	14.749	14.742	14.763	VV	461	4764	0.05%	0.013%
256	14.769	14.763	14.773	VV	407	2240	0.02%	0.006%
257	14.784	14.773	14.794	VV	531	5243	0.06%	0.015%
258	14.803	14.794	14.820	VV	570	6172	0.07%	0.017%
259	14.838	14.820	14.859	VV	744	9747	0.10%	0.027%
260	14.870	14.859	14.875	VV	399	2532	0.03%	0.007%
261	14.918	14.875	15.029	VV	4417	157362	1.68%	0.435%
262	15.069	15.029	15.098	VV	2548	59671	0.64%	0.165%
263	15.108	15.098	15.160	VV	943	19657	0.21%	0.054%
264	15.200	15.160	15.205	VV	581	11538	0.12%	0.032%
265	15.230	15.205	15.238	VV	581	8280	0.09%	0.023%
266	15.255	15.238	15.282	VV	1109	17010	0.18%	0.047%
267	15.291	15.282	15.309	VV	515	7418	0.08%	0.021%
268	15.315	15.309	15.320	VV	583	3526	0.04%	0.010%
269	15.324	15.320	15.331	VV	606	3657	0.04%	0.010%
270	15.353	15.331	15.387	VV	1259	25722	0.27%	0.071%
271	15.390	15.387	15.395	VV	507	2158	0.02%	0.006%
272	15.413	15.395	15.423	VV	721	10232	0.11%	0.028%
273	15.442	15.423	15.473	VV	908	20111	0.21%	0.056%
274	15.477	15.473	15.481	VV	634	2396	0.03%	0.007%
275	15.484	15.481	15.490	VV	499	2485	0.03%	0.007%
276	15.509	15.490	15.531	VV	998	17279	0.18%	0.048%
277	15.553	15.531	15.578	VV	1957	31146	0.33%	0.086%
278	15.594	15.578	15.605	VV	677	9218	0.10%	0.025%
279	15.621	15.605	15.658	VV	855	14173	0.15%	0.039%
280	15.705	15.658	15.723	PV	886	15686	0.17%	0.043%
281	15.752	15.723	15.793	VV	960	23898	0.25%	0.066%
282	15.799	15.793	15.810	VV	341	2649	0.03%	0.007%
283	15.827	15.810	15.833	VV	353	3350	0.04%	0.009%
284	15.842	15.833	15.849	VV	380	3061	0.03%	0.008%
285	15.860	15.849	15.890	VV	590	10808	0.12%	0.030%

rteres									
286	15.894	15.890	15.898	VV	530	1893	0.02%	0.005%	
287	15.925	15.898	15.985	VV	1497	41960	0.45%	0.116%	
288	16.002	15.985	16.011	VV	575	7748	0.08%	0.021%	
289	16.034	16.011	16.058	VV	1252	21226	0.23%	0.059%	
290	16.068	16.058	16.077	VV	595	5435	0.06%	0.015%	
291	16.112	16.077	16.145	VV	1736	40860	0.44%	0.113%	
292	16.181	16.145	16.197	VV	1136	24351	0.26%	0.067%	
293	16.200	16.197	16.205	VV	945	4605	0.05%	0.013%	
294	16.208	16.205	16.217	VV	1003	6034	0.06%	0.017%	
295	16.224	16.217	16.233	VV	982	8773	0.09%	0.024%	
296	16.237	16.233	16.241	VV	920	3839	0.04%	0.011%	
297	16.244	16.241	16.279	VV	976	15420	0.16%	0.043%	
298	16.289	16.279	16.294	VV	597	4751	0.05%	0.013%	
299	16.300	16.294	16.307	VV	620	3744	0.04%	0.010%	
300	16.313	16.307	16.321	VV	544	3738	0.04%	0.010%	
301	16.329	16.321	16.344	VV	558	6233	0.07%	0.017%	
302	16.349	16.344	16.358	VV	544	3659	0.04%	0.010%	
303	16.410	16.358	16.440	VV	1404	35643	0.38%	0.099%	
304	16.464	16.440	16.482	VV	1675	28792	0.31%	0.080%	
305	16.496	16.482	16.520	VV	2073	33351	0.36%	0.092%	
306	16.539	16.520	16.570	VV	2234	33900	0.36%	0.094%	
307	16.579	16.570	16.591	VV	547	4891	0.05%	0.014%	
308	16.601	16.591	16.622	VV	512	6862	0.07%	0.019%	
309	16.635	16.622	16.648	VV	425	4555	0.05%	0.013%	
310	16.661	16.648	16.682	VV	436	6175	0.07%	0.017%	
311	16.689	16.682	16.694	VV	359	2122	0.02%	0.006%	
312	16.703	16.694	16.712	VV	496	3448	0.04%	0.010%	
313	16.717	16.712	16.731	VV	320	2396	0.03%	0.007%	
314	16.742	16.731	16.755	PV	282	2097	0.02%	0.006%	
315	16.762	16.755	16.766	VV	302	1423	0.02%	0.004%	
316	16.810	16.766	16.835	VV	1328	29800	0.32%	0.082%	
317	16.868	16.835	16.897	VV	1344	25320	0.27%	0.070%	
318	16.945	16.897	16.989	VV	2001	44759	0.48%	0.124%	
319	17.011	16.989	17.018	VV	421	5402	0.06%	0.015%	
320	17.059	17.018	17.100	VV	1202	27261	0.29%	0.075%	
321	17.150	17.109	17.180	VV	1022	22969	0.24%	0.064%	
322	17.183	17.180	17.212	VV	340	2844	0.03%	0.008%	
323	17.256	17.212	17.262	PV	412	8288	0.09%	0.023%	
324	17.267	17.262	17.280	VV	427	2540	0.03%	0.007%	
325	17.289	17.280	17.294	VV	383	2493	0.03%	0.007%	
326	17.310	17.294	17.319	VV	410	4875	0.05%	0.013%	
327	17.382	17.319	17.408	VV	1941	45060	0.48%	0.125%	
328	17.418	17.408	17.436	VV	584	7383	0.08%	0.020%	
329	17.470	17.436	17.507	VV	3141	56378	0.60%	0.156%	

				rt	Area	Area%	Area%
330	17.528	17.507	17.562	VV	1137	23363	0.25% 0.065%
331	17.580	17.562	17.622	VV	836	17390	0.19% 0.048%
332	17.671	17.622	17.708	VV	2581	50039	0.53% 0.138%
333	17.738	17.708	17.767	VV	3027	59619	0.64% 0.165%
334	17.801	17.767	17.831	VV	2678	62024	0.66% 0.172%
335	17.846	17.831	17.857	VV	509	5741	0.06% 0.016%
336	17.860	17.857	17.865	VV	492	2013	0.02% 0.006%
337	17.872	17.865	17.883	VV	603	4655	0.05% 0.013%
338	17.897	17.883	17.917	VV	754	10409	0.11% 0.029%
339	17.929	17.917	17.937	VV	370	2837	0.03% 0.008%
340	17.953	17.937	17.962	VV	238	1833	0.02% 0.005%
341	18.001	17.962	18.015	PV	346	5775	0.06% 0.016%
342	18.026	18.015	18.030	VV	430	2977	0.03% 0.008%
343	18.041	18.030	18.045	VV	407	3203	0.03% 0.009%
344	18.069	18.045	18.119	VV	833	22236	0.24% 0.061%
345	18.163	18.119	18.174	VV	615	14263	0.15% 0.039%
346	18.209	18.174	18.232	VV	1950	40282	0.43% 0.111%
347	18.247	18.232	18.280	VV	1849	27495	0.29% 0.076%
Sum of corrected areas:						36157718	

Aromatic EPH 121024.M Sat Dec 21 05:20:57 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
Data File : FC068066.D
Signal(s) : FID1A.ch
Acq On : 20 Dec 2024 15:12
Operator : YP/AJ
Sample : P5299-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
SB-02

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
Quant Time: Dec 21 01:52:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 07:59:10 2024
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...	12.889	7204980	56.468 ug/ml
Spiked Amount 50.000		Recovery	= 112.94%

Target Compounds

(f)=RT Delta > 1/2 Window

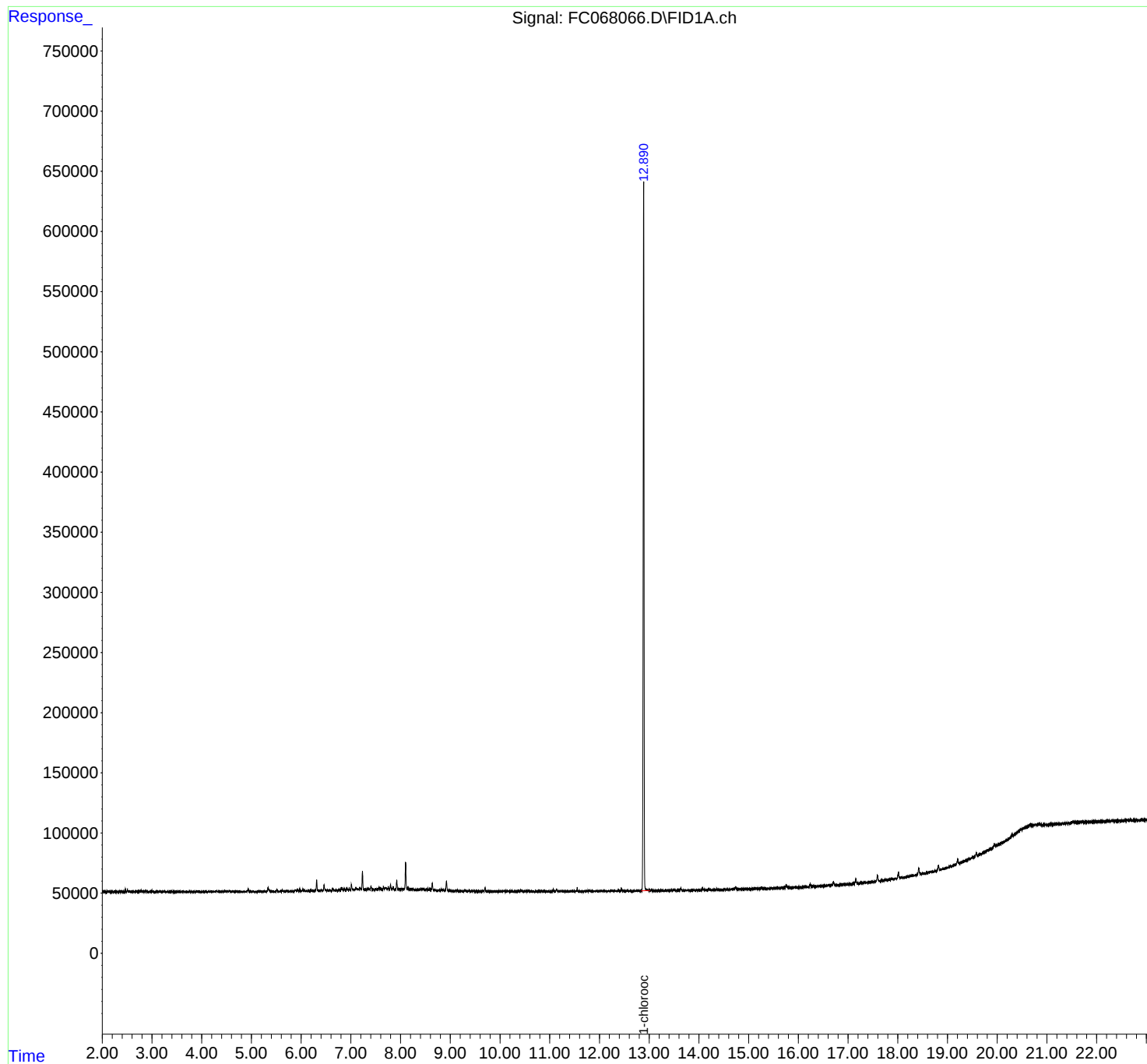
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
Data File : FC068066.D
Signal(s) : FID1A.ch
Acq On : 20 Dec 2024 15:12
Operator : YP/AJ
Sample : P5299-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
SB-02

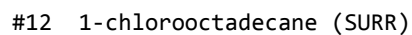
Integration File: autoint1.e
Quant Time: Dec 21 01:52:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 07:59:10 2024
Response via : Initial Calibration
Integrator: ChemStation

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





Instrument : FID_C
ClientSampleId : SB-02



```

      R.T.:    12.889 min
Delta R.T.:   -0.021 min
  Response:   7204980
      Conc:    56.47 ug/ml

```

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
 Data File : FC068066.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 15:12
 Sample : P5299-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.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	3.131	3.104	3.151	BV	102	809	0.01%	0.003%
2	3.160	3.151	3.196	PV	93	1229	0.02%	0.005%
3	3.218	3.196	3.230	VV	125	1766	0.02%	0.008%
4	3.245	3.230	3.331	VV	350	7420	0.10%	0.032%
5	3.341	3.331	3.363	VV	59	787	0.01%	0.003%
6	3.385	3.363	3.393	VV	142	1631	0.02%	0.007%
7	3.403	3.393	3.431	VV	224	2629	0.04%	0.011%
8	3.445	3.431	3.464	VV	98	1313	0.02%	0.006%
9	3.517	3.464	3.526	PV	211	3783	0.05%	0.016%
10	3.538	3.526	3.556	VV	170	2333	0.03%	0.010%
11	3.566	3.556	3.596	VV	167	2339	0.03%	0.010%
12	3.617	3.596	3.637	VV	179	2863	0.04%	0.012%
13	3.647	3.637	3.674	VV	120	1658	0.02%	0.007%
14	3.737	3.674	3.797	VV	307	7414	0.10%	0.032%
15	3.817	3.797	3.832	VV	257	2806	0.04%	0.012%
16	3.843	3.832	3.858	VV	186	1991	0.03%	0.009%
17	3.906	3.858	3.921	VV	329	5905	0.08%	0.026%
18	3.934	3.921	3.958	VV	555	6485	0.09%	0.028%
19	3.972	3.958	3.980	VV	130	1204	0.02%	0.005%
20	3.999	3.980	4.025	VV	211	3633	0.05%	0.016%
21	4.081	4.025	4.099	VV	504	10657	0.15%	0.046%
22	4.115	4.099	4.125	VV	210	2726	0.04%	0.012%
23	4.137	4.125	4.161	VV	183	3140	0.04%	0.014%
24	4.217	4.161	4.231	VV	228	5785	0.08%	0.025%
25	4.258	4.231	4.280	VV	221	5673	0.08%	0.025%
26	4.303	4.280	4.326	VV	929	13005	0.18%	0.056%
27	4.344	4.326	4.365	VV	239	4685	0.06%	0.020%
28	4.373	4.365	4.386	VV	227	1947	0.03%	0.008%
29	4.406	4.386	4.431	VV	434	7304	0.10%	0.032%
30	4.469	4.431	4.486	VV	711	12669	0.17%	0.055%
31	4.498	4.486	4.511	VV	400	4919	0.07%	0.021%
32	4.525	4.511	4.538	VV	597	6326	0.09%	0.027%
33	4.555	4.538	4.572	VV	1220	12683	0.18%	0.055%
34	4.581	4.572	4.596	VV	374	3677	0.05%	0.016%
35	4.609	4.596	4.619	VV	253	2918	0.04%	0.013%
36	4.631	4.619	4.651	VV	324	3546	0.05%	0.015%

					rteres			
37	4.670	4.651	4.688	VV	331	4183	0.06%	0.018%
38	4.709	4.688	4.731	VV	266	4156	0.06%	0.018%
39	4.769	4.731	4.804	VV	677	10977	0.15%	0.047%
40	4.816	4.804	4.838	VV	158	2358	0.03%	0.010%
41	4.857	4.838	4.874	VV	311	3747	0.05%	0.016%
42	4.933	4.874	4.961	VV	2103	33950	0.47%	0.147%
43	4.984	4.961	5.022	VV	669	13476	0.19%	0.058%
44	5.040	5.022	5.078	VV	672	9937	0.14%	0.043%
45	5.092	5.078	5.113	VV	187	2809	0.04%	0.012%
46	5.134	5.113	5.176	VV	584	13109	0.18%	0.057%
47	5.193	5.176	5.209	VV	560	7160	0.10%	0.031%
48	5.226	5.209	5.237	VV	366	4256	0.06%	0.018%
49	5.254	5.237	5.271	VV	411	6518	0.09%	0.028%
50	5.281	5.271	5.297	VV	387	4273	0.06%	0.018%
51	5.334	5.297	5.411	VV	3671	68034	0.94%	0.294%
52	5.429	5.411	5.443	VV	311	5168	0.07%	0.022%
53	5.456	5.443	5.471	VV	328	4086	0.06%	0.018%
54	5.481	5.471	5.491	VV	318	3146	0.04%	0.014%
55	5.512	5.491	5.552	VV	1779	24531	0.34%	0.106%
56	5.586	5.552	5.600	VV	524	9373	0.13%	0.041%
57	5.625	5.600	5.662	VV	1111	22263	0.31%	0.096%
58	5.679	5.662	5.698	VV	663	8506	0.12%	0.037%
59	5.720	5.698	5.757	VV	1118	18861	0.26%	0.082%
60	5.785	5.757	5.806	VV	640	12860	0.18%	0.056%
61	5.837	5.806	5.852	VV	626	13961	0.19%	0.060%
62	5.882	5.852	5.905	VV	1442	31300	0.43%	0.135%
63	5.929	5.905	5.952	VV	1923	32052	0.44%	0.139%
64	5.972	5.952	5.997	VV	2002	27974	0.39%	0.121%
65	6.035	5.997	6.048	VV	1964	31638	0.44%	0.137%
66	6.060	6.048	6.083	VV	1373	21909	0.30%	0.095%
67	6.119	6.083	6.129	VV	858	19651	0.27%	0.085%
68	6.145	6.129	6.173	VV	1584	23947	0.33%	0.104%
69	6.196	6.173	6.218	VV	1304	27106	0.37%	0.117%
70	6.239	6.218	6.258	VV	1293	22926	0.32%	0.099%
71	6.312	6.258	6.384	VV	9784	155748	2.15%	0.673%
72	6.409	6.384	6.424	VV	1332	26033	0.36%	0.113%
73	6.461	6.424	6.488	VV	5855	92557	1.28%	0.400%
74	6.497	6.488	6.516	VV	1461	20670	0.29%	0.089%
75	6.531	6.516	6.554	VV	1659	26712	0.37%	0.115%
76	6.572	6.554	6.604	VV	1382	32414	0.45%	0.140%
77	6.632	6.604	6.656	VV	2496	45482	0.63%	0.197%
78	6.667	6.656	6.681	VV	1421	17664	0.24%	0.076%
79	6.697	6.681	6.738	VV	1414	37261	0.51%	0.161%
80	6.754	6.738	6.788	VV	1674	40034	0.55%	0.173%
81	6.807	6.788	6.818	VV	2772	40182	0.55%	0.174%
82	6.828	6.818	6.847	VV	2707	37169	0.51%	0.161%
83	6.869	6.847	6.893	VV	2794	52195	0.72%	0.226%
84	6.914	6.893	6.949	VV	3212	68300	0.94%	0.295%
85	6.969	6.949	6.989	VV	2849	44253	0.61%	0.191%
86	7.012	6.989	7.049	VV	6089	103370	1.43%	0.447%
87	7.064	7.049	7.078	VV	1697	27293	0.38%	0.118%
88	7.108	7.078	7.127	VV	3105	71072	0.98%	0.307%
89	7.148	7.127	7.163	VV	2081	41406	0.57%	0.179%

					rterres			
90	7.181	7.163	7.209	VV	3280	68428	0.94%	0.296%
91	7.234	7.209	7.263	VV	17089	211754	2.92%	0.915%
92	7.284	7.263	7.307	VV	1963	47829	0.66%	0.207%
93	7.324	7.307	7.335	VV	2192	31476	0.43%	0.136%
94	7.353	7.335	7.378	VV	2528	55281	0.76%	0.239%
95	7.406	7.378	7.438	VV	4634	98365	1.36%	0.425%
96	7.448	7.438	7.469	VV	1756	30234	0.42%	0.131%
97	7.493	7.469	7.506	VV	2427	40934	0.57%	0.177%
98	7.518	7.506	7.530	VV	2116	29478	0.41%	0.127%
99	7.568	7.530	7.584	VV	3582	79496	1.10%	0.344%
100	7.599	7.584	7.634	VV	2657	63054	0.87%	0.273%
101	7.656	7.634	7.672	VV	4114	64487	0.89%	0.279%
102	7.687	7.672	7.698	VV	3352	44516	0.61%	0.192%
103	7.709	7.698	7.728	VV	3368	48230	0.67%	0.208%
104	7.753	7.728	7.772	VV	3637	68615	0.95%	0.297%
105	7.798	7.772	7.822	VV	5489	99320	1.37%	0.429%
106	7.854	7.822	7.878	VV	4057	87582	1.21%	0.379%
107	7.892	7.878	7.901	VV	2034	25371	0.35%	0.110%
108	7.923	7.901	7.948	VV	9495	128841	1.78%	0.557%
109	7.970	7.948	7.994	VV	2460	55278	0.76%	0.239%
110	8.010	7.994	8.029	VV	2765	44334	0.61%	0.192%
111	8.101	8.029	8.131	VV	24374	363205	5.01%	1.570%
112	8.150	8.131	8.176	VV	3285	61716	0.85%	0.267%
113	8.196	8.176	8.230	VV	2310	61158	0.84%	0.264%
114	8.251	8.230	8.274	VV	2800	54983	0.76%	0.238%
115	8.292	8.274	8.324	VV	1872	48674	0.67%	0.210%
116	8.339	8.324	8.361	VV	1632	32541	0.45%	0.141%
117	8.405	8.361	8.437	VV	2515	80831	1.12%	0.349%
118	8.456	8.437	8.494	VV	2505	66582	0.92%	0.288%
119	8.516	8.494	8.533	VV	2003	40942	0.57%	0.177%
120	8.549	8.533	8.571	VV	2388	40523	0.56%	0.175%
121	8.590	8.571	8.604	VV	2122	33860	0.47%	0.146%
122	8.637	8.604	8.667	VV	7232	115034	1.59%	0.497%
123	8.688	8.667	8.737	VV	1949	52777	0.73%	0.228%
124	8.782	8.737	8.799	VV	1194	35716	0.49%	0.154%
125	8.820	8.799	8.841	VV	1922	32364	0.45%	0.140%
126	8.857	8.841	8.888	VV	1346	32510	0.45%	0.141%
127	8.922	8.888	8.987	VV	8790	151135	2.09%	0.653%
128	9.006	8.987	9.028	VV	1113	19349	0.27%	0.084%
129	9.056	9.028	9.087	VV	709	18555	0.26%	0.080%
130	9.112	9.087	9.131	VV	1079	18820	0.26%	0.081%
131	9.140	9.131	9.169	VV	598	11389	0.16%	0.049%
132	9.177	9.169	9.191	VV	406	5079	0.07%	0.022%
133	9.221	9.191	9.261	VV	609	18292	0.25%	0.079%
134	9.292	9.261	9.327	VV	1310	28405	0.39%	0.123%
135	9.339	9.327	9.351	VV	537	6224	0.09%	0.027%
136	9.376	9.351	9.405	VV	723	14833	0.20%	0.064%
137	9.427	9.405	9.442	VV	755	11205	0.15%	0.048%
138	9.479	9.442	9.508	VV	682	16335	0.23%	0.071%
139	9.531	9.508	9.551	VV	326	6010	0.08%	0.026%
140	9.573	9.551	9.594	VV	252	3927	0.05%	0.017%
141	9.617	9.594	9.638	VV	474	7068	0.10%	0.031%

					rterres			
142	9.650	9.638	9.673	VV	306	5479	0.08%	0.024%
143	9.698	9.673	9.741	VV	2869	38893	0.54%	0.168%
144	9.766	9.741	9.778	VV	292	4737	0.07%	0.020%
145	9.789	9.778	9.814	VV	212	3858	0.05%	0.017%
146	9.825	9.814	9.835	VV	128	1223	0.02%	0.005%
147	9.847	9.835	9.861	VV	107	1701	0.02%	0.007%
148	9.868	9.861	9.885	VV	139	1600	0.02%	0.007%
149	9.901	9.885	9.956	VV	149	3282	0.05%	0.014%
150	9.974	9.956	9.998	PV	133	1844	0.03%	0.008%
151	10.042	9.998	10.051	VV	172	4607	0.06%	0.020%
152	10.086	10.051	10.109	VV	661	12480	0.17%	0.054%
153	10.128	10.109	10.153	VV	264	4711	0.07%	0.020%
154	10.166	10.153	10.210	VV	197	5165	0.07%	0.022%
155	10.224	10.210	10.281	VV	193	4158	0.06%	0.018%
156	10.297	10.281	10.314	VV	209	2311	0.03%	0.010%
157	10.329	10.314	10.345	VV	231	3098	0.04%	0.013%
158	10.370	10.345	10.398	VV	675	7220	0.10%	0.031%
159	10.432	10.398	10.473	VV	886	22787	0.31%	0.098%
160	10.509	10.473	10.541	VV	487	12440	0.17%	0.054%
161	10.561	10.541	10.594	VV	582	9578	0.13%	0.041%
162	10.606	10.594	10.615	VV	209	2101	0.03%	0.009%
163	10.622	10.615	10.631	VV	188	1583	0.02%	0.007%
164	10.651	10.631	10.681	VV	177	3893	0.05%	0.017%
165	10.718	10.681	10.734	PV	157	2836	0.04%	0.012%
166	10.818	10.734	10.839	VV	242	10591	0.15%	0.046%
167	10.854	10.839	10.874	VV	313	4592	0.06%	0.020%
168	10.889	10.874	10.918	VV	163	3192	0.04%	0.014%
169	10.942	10.918	10.990	VV	239	5104	0.07%	0.022%
170	11.002	10.990	11.028	VV	103	1666	0.02%	0.007%
171	11.068	11.028	11.101	VV	1429	22759	0.31%	0.098%
172	11.136	11.101	11.197	VV	1965	31505	0.43%	0.136%
173	11.231	11.197	11.260	VV	565	9707	0.13%	0.042%
174	11.271	11.260	11.338	VV	126	3101	0.04%	0.013%
175	11.378	11.338	11.388	VV	99	1818	0.03%	0.008%
176	11.486	11.388	11.504	VV	234	11189	0.15%	0.048%
177	11.551	11.504	11.571	VV	1646	16262	0.22%	0.070%
178	11.590	11.571	11.651	VV	477	10617	0.15%	0.046%
179	11.696	11.651	11.721	PV	173	4394	0.06%	0.019%
180	11.802	11.721	11.832	VV	663	19685	0.27%	0.085%
181	11.856	11.832	11.924	VV	251	9475	0.13%	0.041%
182	11.936	11.924	11.952	VV	275	3893	0.05%	0.017%
183	11.960	11.952	11.977	VV	287	2774	0.04%	0.012%
184	12.011	11.977	12.061	VV	416	13189	0.18%	0.057%
185	12.077	12.061	12.099	VV	396	5941	0.08%	0.026%
186	12.120	12.099	12.198	VV	315	10473	0.14%	0.045%
187	12.211	12.198	12.221	VV	233	2707	0.04%	0.012%
188	12.253	12.221	12.282	VV	641	13436	0.19%	0.058%
189	12.302	12.282	12.338	VV	718	11758	0.16%	0.051%
190	12.382	12.338	12.416	VV	790	13295	0.18%	0.057%
191	12.442	12.416	12.488	VV	2190	29471	0.41%	0.127%
192	12.502	12.488	12.528	VV	186	3337	0.05%	0.014%
193	12.564	12.528	12.608	VV	595	11918	0.16%	0.052%
194	12.656	12.608	12.678	PV	131	2685	0.04%	0.012%

195	12.718	12.678	12.751	VV	200	5681	0.08%	0.025%
196	12.759	12.751	12.781	VV	154	2886	0.04%	0.012%
197	12.799	12.781	12.828	VV	195	4404	0.06%	0.019%
198	12.889	12.828	13.031	VV	591434	7243784	100.00%	31.312%
199	13.053	13.031	13.143	VV	834	27197	0.38%	0.118%
200	13.170	13.143	13.201	VV	281	6569	0.09%	0.028%
201	13.253	13.201	13.284	VV	293	10240	0.14%	0.044%
202	13.289	13.284	13.294	VV	211	1022	0.01%	0.004%
203	13.321	13.294	13.371	VV	313	8671	0.12%	0.037%
204	13.391	13.371	13.401	VV	142	1995	0.03%	0.009%
205	13.408	13.401	13.421	VV	102	1090	0.02%	0.005%
206	13.460	13.421	13.471	VV	398	6495	0.09%	0.028%
207	13.479	13.471	13.483	VV	327	1800	0.02%	0.008%
208	13.505	13.483	13.538	VV	406	8517	0.12%	0.037%
209	13.553	13.538	13.561	VV	129	1492	0.02%	0.006%
210	13.586	13.561	13.609	VV	679	9754	0.13%	0.042%
211	13.637	13.609	13.679	VV	1880	25860	0.36%	0.112%
212	13.694	13.679	13.804	VV	172	4651	0.06%	0.020%
213	13.858	13.804	13.914	PV	166	5754	0.08%	0.025%
214	13.936	13.914	13.954	PV	148	1449	0.02%	0.006%
215	14.073	13.954	14.116	PV	1535	27553	0.38%	0.119%
216	14.143	14.116	14.167	VV	149	3235	0.04%	0.014%
217	14.199	14.167	14.244	VV	873	12199	0.17%	0.053%
218	14.259	14.244	14.317	VV	195	3863	0.05%	0.017%
219	14.363	14.317	14.434	VV	530	13229	0.18%	0.057%
220	14.489	14.434	14.536	VV	168	6079	0.08%	0.026%
221	14.549	14.536	14.556	PV	177	1590	0.02%	0.007%
222	14.580	14.556	14.608	VV	435	6754	0.09%	0.029%
223	14.617	14.608	14.641	VV	166	1779	0.02%	0.008%
224	14.655	14.641	14.671	VV	170	1786	0.02%	0.008%
225	14.694	14.671	14.712	PV	548	8490	0.12%	0.037%
226	14.737	14.712	14.781	VV	2220	32932	0.45%	0.142%
227	14.796	14.781	14.811	VV	232	3211	0.04%	0.014%
228	14.820	14.811	14.841	VV	124	1308	0.02%	0.006%
229	14.848	14.841	14.883	PV	112	1226	0.02%	0.005%
230	14.899	14.883	14.904	VV	124	729	0.01%	0.003%
231	14.938	14.904	14.969	VV	183	4565	0.06%	0.020%
232	14.982	14.969	15.061	VV	109	3362	0.05%	0.015%
233	15.072	15.061	15.104	PV	111	1917	0.03%	0.008%
234	15.155	15.104	15.198	VV	490	11180	0.15%	0.048%
235	15.257	15.198	15.290	VV	1443	24842	0.34%	0.107%
236	15.307	15.290	15.365	VV	289	6891	0.10%	0.030%
237	15.393	15.365	15.408	PV	108	1878	0.03%	0.008%
238	15.480	15.408	15.511	VV	199	6639	0.09%	0.029%
239	15.627	15.511	15.661	VV	226	13446	0.19%	0.058%
240	15.719	15.661	15.732	VV	414	7197	0.10%	0.031%
241	15.757	15.732	15.798	VV	2292	35350	0.49%	0.153%
242	15.810	15.798	15.835	VV	250	2962	0.04%	0.013%
243	15.845	15.835	15.864	PV	143	1082	0.01%	0.005%
244	15.901	15.864	15.964	VV	372	10718	0.15%	0.046%
245	16.003	15.964	16.021	VV	115	3417	0.05%	0.015%
246	16.121	16.021	16.134	PV	207	8785	0.12%	0.038%

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247	16.145	16.134	16.170	VV	135	1860	0.03%	0.008%
248	16.239	16.170	16.268	VV	2010	30285	0.42%	0.131%
249	16.278	16.268	16.287	VV	158	1851	0.03%	0.008%
250	16.315	16.287	16.342	VV	261	4853	0.07%	0.021%
251	16.408	16.342	16.431	PV	178	4738	0.07%	0.020%
252	16.601	16.431	16.631	VV	433	17227	0.24%	0.074%
253	16.641	16.631	16.651	VV	85	674	0.01%	0.003%
254	16.706	16.651	16.787	PV	3219	56314	0.78%	0.243%
255	16.868	16.787	16.881	PV	128	4237	0.06%	0.018%
256	16.996	16.881	17.058	VV	151	5224	0.07%	0.023%
257	17.105	17.058	17.118	PV	112	2544	0.04%	0.011%
258	17.155	17.118	17.201	PV	3726	55387	0.76%	0.239%
259	17.266	17.201	17.294	VV	346	6853	0.09%	0.030%
260	17.591	17.294	17.638	PV	4774	67967	0.94%	0.294%
261	17.759	17.638	17.778	PV	208	9788	0.14%	0.042%
262	17.870	17.778	17.894	PV	447	12047	0.17%	0.052%
263	18.013	17.894	18.064	VV	4926	75170	1.04%	0.325%
264	18.279	18.064	18.298	PV	365	4387	0.06%	0.019%
265	18.422	18.298	18.473	PV	5309	86016	1.19%	0.372%
266	18.679	18.473	18.694	VV	283	3608	0.05%	0.016%
267	18.818	18.694	18.848	PV	3898	52904	0.73%	0.229%
268	19.006	18.848	19.013	PV	129	-5857	-0.08%	-0.025%
269	19.204	19.013	19.234	PV	4501	94589	1.31%	0.409%
270	19.579	19.234	19.605	VV	4551	323872	4.47%	1.400%
271	19.943	19.605	19.974	VV	7120	800044	11.04%	3.458%
272	20.301	19.974	20.323	VV	10210	1455446	20.09%	6.291%
273	20.479	20.323	20.488	VV	12328	1069018	14.76%	4.621%
274	20.660	20.488	20.691	VV	14043	1561078	21.55%	6.748%
275	20.828	20.691	20.942	VV	12169	1759568	24.29%	7.606%
276	20.986	20.942	21.021	VV	9476	445029	6.14%	1.924%
277	21.069	21.021	21.131	VV	8873	557598	7.70%	2.410%
278	21.416	21.131	21.434	VV	5115	1160851	16.03%	5.018%
279	21.528	21.434	21.568	VV	4638	355166	4.90%	1.535%
280	21.593	21.568	21.644	VV	3499	150150	2.07%	0.649%
281	21.729	21.644	21.744	VV	1808	130224	1.80%	0.563%
282	21.824	21.744	21.854	VV	770	63800	0.88%	0.276%
283	21.871	21.854	21.881	VV	272	3536	0.05%	0.015%
Sum of corrected areas:					23134296			

Aliphatic EPH 121024.M Sat Dec 21 02:41:36 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048904.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 15:12
 Operator : YP/AJ
 Sample : P5299-04
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SB-02

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Dec 21 04:05:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 2024
 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...	7.361	7667113	45.520 ug/ml
Spiked Amount 50.000		Recovery =	91.04%
6) S 2-Fluorobiphenyl (SURR)	8.210	4932050	47.741 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.48%
11) S ortho-Terphenyl (SURR)	11.245	5200786	29.274 ug/ml
Spiked Amount 50.000		Recovery =	58.55%

Target Compounds

(f)=RT Delta > 1/2 Window

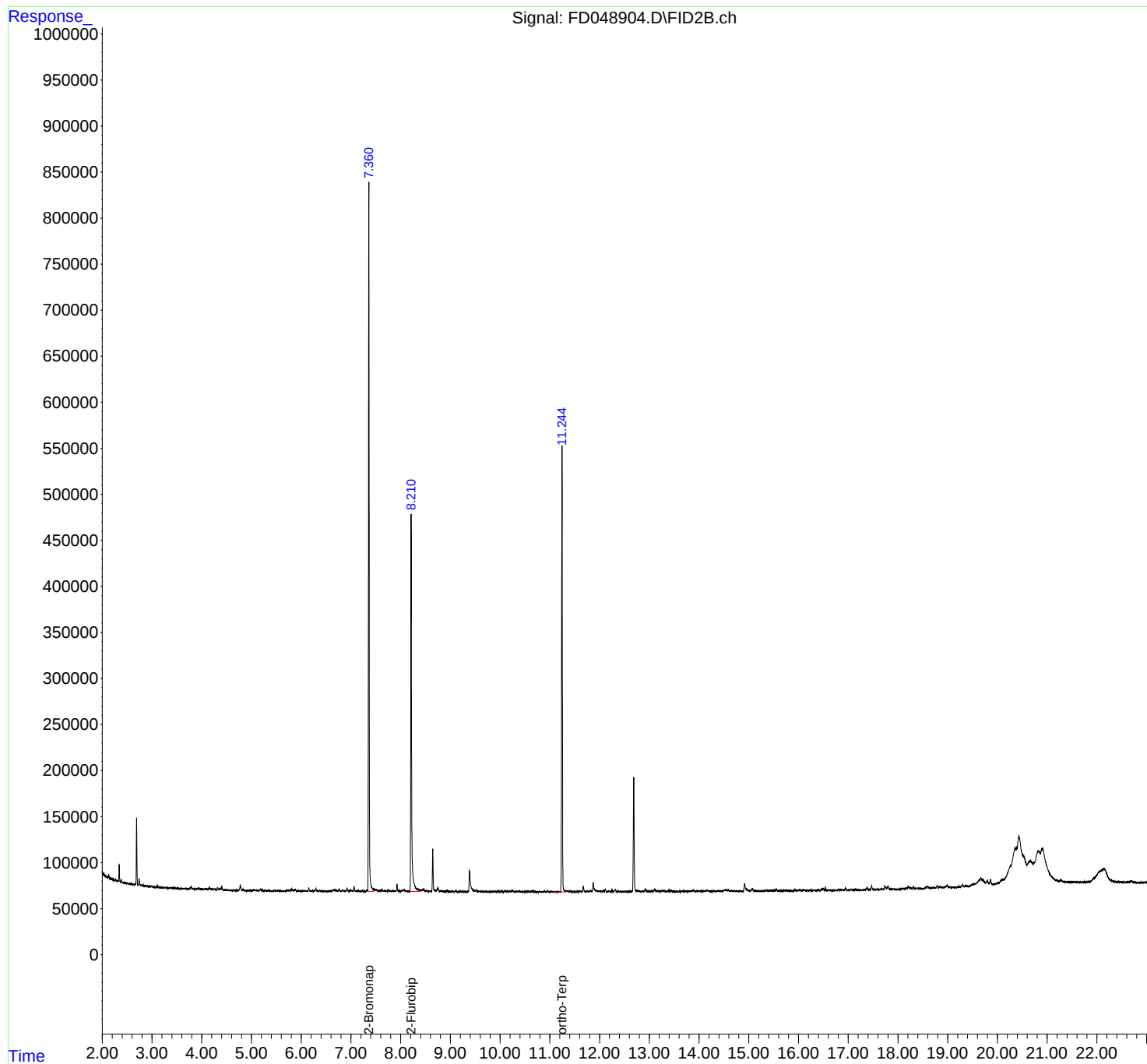
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
Data File : FD048904.D
Signal(s) : FID2B.ch
Acq On : 20 Dec 2024 15:12
Operator : YP/AJ
Sample : P5299-04
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
SB-02

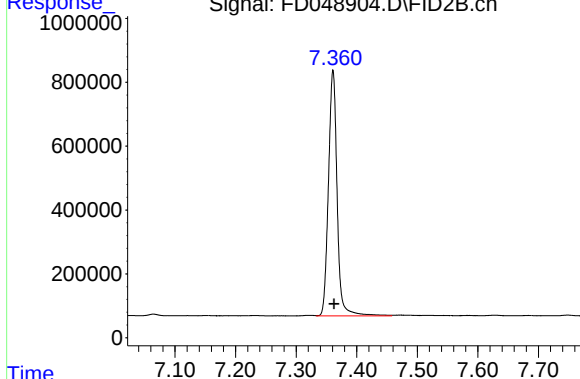
Integration File: autoint1.e
Quant Time: Dec 21 04:05:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 06:07:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Signal: FD048904.D\FID2B.ch

#4 2-Bromonaphthalene (SURR)

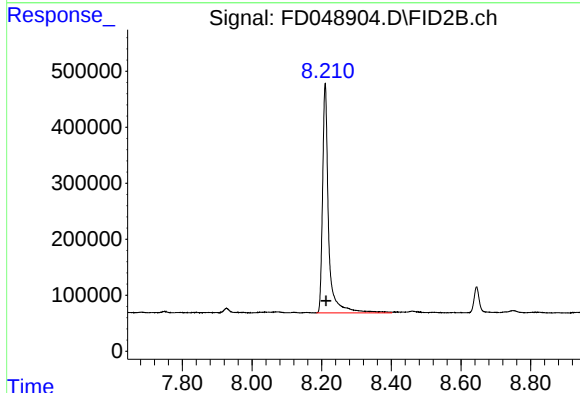


R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 7667113
Conc: 45.52 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-02

Signal: FD048904.D\FID2B.ch

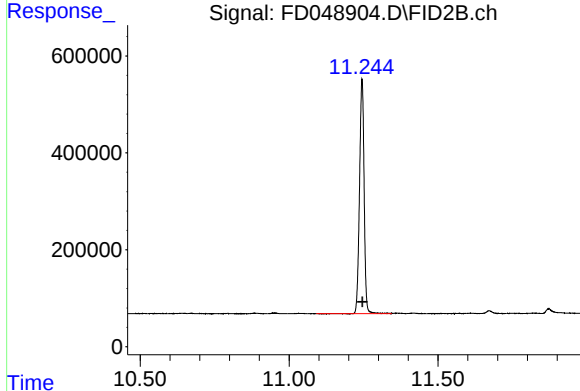
#6 2-Fluorobiphenyl (SURR)



R.T.: 8.210 min
Delta R.T.: -0.003 min
Response: 4932050
Conc: 47.74 ug/ml

Signal: FD048904.D\FID2B.ch

#11 ortho-Terphenyl (SURR)



R.T.: 11.245 min
Delta R.T.: -0.002 min
Response: 5200786
Conc: 29.27 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048904.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 15:12
 Sample : P5299-04
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH
 121024.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.054	4.042	4.062	BV	386	2957	0.04%	0.011%
2	4.075	4.062	4.090	VV	515	6773	0.09%	0.026%
3	4.093	4.090	4.117	VV	474	4440	0.06%	0.017%
4	4.121	4.117	4.125	VV	247	1230	0.02%	0.005%
5	4.159	4.125	4.202	VV	2322	41523	0.54%	0.160%
6	4.206	4.202	4.220	VV	557	5397	0.07%	0.021%
7	4.227	4.220	4.244	VV	543	6797	0.09%	0.026%
8	4.260	4.244	4.292	VV	1197	16204	0.21%	0.062%
9	4.319	4.292	4.340	VV	2909	35540	0.46%	0.137%
10	4.349	4.340	4.357	VV	722	6443	0.08%	0.025%
11	4.375	4.357	4.390	VV	2641	29721	0.39%	0.114%
12	4.404	4.390	4.449	VV	4233	48112	0.63%	0.185%
13	4.457	4.449	4.471	VV	434	2921	0.04%	0.011%
14	4.479	4.471	4.504	VV	542	5280	0.07%	0.020%
15	4.516	4.504	4.529	VV	399	4162	0.05%	0.016%
16	4.590	4.575	4.626	VV	648	9712	0.13%	0.037%
17	4.661	4.657	4.683	VV	177	1554	0.02%	0.006%
18	4.695	4.683	4.727	PV	455	7630	0.10%	0.029%
19	4.733	4.727	4.740	VV	370	1640	0.02%	0.006%
20	4.775	4.740	4.811	VV	6330	98845	1.29%	0.381%
21	4.831	4.811	4.858	VV	1487	19846	0.26%	0.076%
22	4.891	4.868	4.908	VV	424	5751	0.07%	0.022%
23	4.931	4.908	4.953	PV	410	5077	0.07%	0.020%
24	4.969	4.953	5.003	VV	507	9896	0.13%	0.038%
25	5.007	5.003	5.018	VV	262	1885	0.02%	0.007%

rteres								
26	5.040	5.018	5.057	VV	977	17249	0.22%	0.066%
27	5.062	5.057	5.088	VV	951	14614	0.19%	0.056%
28	5.092	5.088	5.096	VV	616	2834	0.04%	0.011%
29	5.104	5.096	5.118	VV	625	6987	0.09%	0.027%
30	5.138	5.118	5.158	VV	635	11204	0.15%	0.043%
31	5.182	5.158	5.203	VV	2411	30423	0.40%	0.117%
32	5.217	5.203	5.258	VV	2360	29379	0.38%	0.113%
33	5.275	5.258	5.305	VV	816	10895	0.14%	0.042%
34	5.340	5.305	5.354	PV	737	11612	0.15%	0.045%
35	5.359	5.354	5.390	VV	380	5999	0.08%	0.023%
36	5.399	5.390	5.407	VV	188	1424	0.02%	0.005%
37	5.419	5.407	5.435	VV	354	4016	0.05%	0.015%
38	5.441	5.435	5.446	VV	303	1309	0.02%	0.005%
39	5.466	5.446	5.506	VV	835	14730	0.19%	0.057%
40	5.535	5.506	5.544	VV	447	6952	0.09%	0.027%
41	5.552	5.544	5.564	VV	377	3382	0.04%	0.013%
42	5.570	5.564	5.585	VV	260	3248	0.04%	0.013%
43	5.591	5.585	5.623	VV	367	5773	0.08%	0.022%
44	5.628	5.623	5.635	VV	281	1511	0.02%	0.006%
45	5.648	5.635	5.660	VV	389	4012	0.05%	0.015%
46	5.669	5.660	5.682	VV	520	5404	0.07%	0.021%
47	5.726	5.682	5.748	VV	993	25040	0.33%	0.096%
48	5.770	5.748	5.794	VV	1479	28193	0.37%	0.109%
49	5.813	5.794	5.851	VV	2369	44639	0.58%	0.172%
50	5.879	5.851	5.913	VV	1804	39284	0.51%	0.151%
51	5.922	5.913	5.940	VV	626	9239	0.12%	0.036%
52	5.941	5.940	5.993	VV	730	9613	0.13%	0.037%
53	6.002	5.993	6.013	PV	199	1427	0.02%	0.005%
54	6.028	6.013	6.052	VV	588	7248	0.09%	0.028%
55	6.061	6.052	6.087	VV	570	7539	0.10%	0.029%
56	6.105	6.087	6.123	VV	491	8031	0.10%	0.031%
57	6.152	6.123	6.197	VV	3951	52304	0.68%	0.201%
58	6.229	6.197	6.250	VV	1028	13573	0.18%	0.052%
59	6.266	6.250	6.277	VV	913	9769	0.13%	0.038%
60	6.296	6.277	6.320	VV	3201	40982	0.53%	0.158%
61	6.327	6.320	6.353	VV	754	9351	0.12%	0.036%
62	6.368	6.353	6.392	VV	1353	17721	0.23%	0.068%
63	6.402	6.392	6.422	VV	517	7051	0.09%	0.027%
64	6.425	6.422	6.431	VV	316	1172	0.02%	0.005%
65	6.456	6.443	6.466	VV	693	6159	0.08%	0.024%
66	6.470	6.466	6.495	VV	531	6112	0.08%	0.024%
67	6.506	6.495	6.516	VV	366	2603	0.03%	0.010%
68	6.527	6.516	6.537	VV	399	3481	0.05%	0.013%
69	6.541	6.537	6.563	VV	346	3372	0.04%	0.013%

				rt	Area	Height	%Area	%Height
70	6.584	6.563	6.609	VV	1182	16444	0.21%	0.063%
71	6.645	6.609	6.656	VV	1654	29481	0.38%	0.114%
72	6.664	6.656	6.677	VV	1493	17110	0.22%	0.066%
73	6.685	6.677	6.693	VV	1433	13415	0.17%	0.052%
74	6.704	6.693	6.728	VV	1849	24622	0.32%	0.095%
75	6.763	6.728	6.793	VV	2347	45129	0.59%	0.174%
76	6.806	6.793	6.822	VV	852	10034	0.13%	0.039%
77	6.843	6.822	6.893	VV	2036	39471	0.51%	0.152%
78	6.922	6.893	6.958	VV	3849	55707	0.73%	0.215%
79	6.966	6.958	6.970	VV	656	4303	0.06%	0.017%
80	6.996	6.970	7.016	VV	1385	26784	0.35%	0.103%
81	7.027	7.016	7.042	VV	983	12711	0.17%	0.049%
82	7.064	7.042	7.088	VV	5466	63316	0.83%	0.244%
83	7.101	7.088	7.110	VV	587	6624	0.09%	0.026%
84	7.121	7.110	7.138	VV	831	10075	0.13%	0.039%
85	7.152	7.138	7.170	VV	1044	12950	0.17%	0.050%
86	7.175	7.170	7.179	VV	297	1630	0.02%	0.006%
87	7.194	7.179	7.208	VV	582	7336	0.10%	0.028%
88	7.234	7.208	7.257	VV	1011	17086	0.22%	0.066%
89	7.270	7.257	7.290	VV	423	4931	0.06%	0.019%
90	7.322	7.290	7.335	VV	1740	22549	0.29%	0.087%
91	7.361	7.335	7.456	VV	769520	7674205	100.00%	29.552%
92	7.472	7.456	7.481	VV	2454	33723	0.44%	0.130%
93	7.485	7.481	7.507	VV	2259	27874	0.36%	0.107%
94	7.518	7.507	7.533	VV	1777	23483	0.31%	0.090%
95	7.543	7.533	7.566	VV	1320	20748	0.27%	0.080%
96	7.586	7.566	7.608	VV	1397	24190	0.32%	0.093%
97	7.628	7.608	7.667	VV	2244	40291	0.53%	0.155%
98	7.683	7.667	7.705	VV	1356	18652	0.24%	0.072%
99	7.718	7.705	7.733	VV	739	10741	0.14%	0.041%
100	7.749	7.733	7.777	VV	2543	32604	0.42%	0.126%
101	7.793	7.777	7.821	VV	876	16535	0.22%	0.064%
102	7.833	7.821	7.854	VV	934	14438	0.19%	0.056%
103	7.875	7.854	7.892	VV	852	15174	0.20%	0.058%
104	7.898	7.892	7.907	VV	827	6129	0.08%	0.024%
105	7.927	7.907	7.968	VV	8293	104960	1.37%	0.404%
106	7.974	7.968	8.000	VV	1190	10794	0.14%	0.042%
107	8.024	8.000	8.030	VV	1225	14199	0.19%	0.055%
108	8.048	8.030	8.053	VV	1518	18461	0.24%	0.071%
109	8.076	8.053	8.103	VV	1887	38354	0.50%	0.148%
110	8.120	8.103	8.139	VV	1172	15419	0.20%	0.059%
111	8.157	8.139	8.171	VV	948	11355	0.15%	0.044%
112	8.176	8.171	8.183	VV	393	2563	0.03%	0.010%

rteres								
113	8.210	8.183	8.365	VV	410050	4934536	64.30%	19.002%
114	8.371	8.365	8.402	VV	2201	42561	0.55%	0.164%
115	8.412	8.402	8.441	VV	1869	38844	0.51%	0.150%
116	8.460	8.441	8.506	VV	3449	71508	0.93%	0.275%
117	8.520	8.506	8.560	VV	1265	27150	0.35%	0.105%
118	8.578	8.560	8.597	VV	837	14221	0.19%	0.055%
119	8.603	8.597	8.616	VV	705	7271	0.09%	0.028%
120	8.645	8.616	8.691	VV	46903	502251	6.54%	1.934%
121	8.701	8.691	8.713	VV	1236	15623	0.20%	0.060%
122	8.750	8.713	8.787	VV	4383	97532	1.27%	0.376%
123	8.813	8.787	8.818	VV	1432	20664	0.27%	0.080%
124	8.825	8.818	8.862	VV	1419	21498	0.28%	0.083%
125	8.877	8.862	8.893	VV	677	8797	0.11%	0.034%
126	8.897	8.893	8.901	VV	401	1345	0.02%	0.005%
127	8.936	8.901	8.970	VV	1227	28009	0.36%	0.108%
128	8.981	8.970	9.003	VV	859	10058	0.13%	0.039%
129	9.024	9.003	9.037	VV	607	9341	0.12%	0.036%
130	9.045	9.037	9.080	VV	716	10422	0.14%	0.040%
131	9.104	9.080	9.153	VV	1312	24315	0.32%	0.094%
132	9.159	9.153	9.166	VV	378	2309	0.03%	0.009%
133	9.176	9.166	9.192	VV	557	6716	0.09%	0.026%
134	9.204	9.192	9.227	VV	792	10806	0.14%	0.042%
135	9.242	9.227	9.262	VV	860	10334	0.13%	0.040%
136	9.279	9.262	9.310	PV	536	9543	0.12%	0.037%
137	9.353	9.310	9.362	VV	733	11765	0.15%	0.045%
138	9.384	9.362	9.476	VV	22945	466753	6.08%	1.797%
139	9.481	9.476	9.500	VV	1498	17991	0.23%	0.069%
140	9.518	9.500	9.547	VV	2293	39570	0.52%	0.152%
141	9.549	9.547	9.554	VV	621	2722	0.04%	0.010%
142	9.563	9.554	9.572	VV	787	6988	0.09%	0.027%
143	9.587	9.572	9.592	VV	817	8237	0.11%	0.032%
144	9.596	9.592	9.639	VV	770	14834	0.19%	0.057%
145	9.658	9.639	9.676	VV	507	7871	0.10%	0.030%
146	9.688	9.676	9.701	VV	566	6237	0.08%	0.024%
147	9.724	9.701	9.742	VV	401	6874	0.09%	0.026%
148	9.765	9.742	9.770	VV	337	4781	0.06%	0.018%
149	9.774	9.770	9.809	VV	356	6735	0.09%	0.026%
150	9.814	9.809	9.817	VV	416	1913	0.02%	0.007%
151	9.832	9.817	9.851	VV	657	8976	0.12%	0.035%
152	9.910	9.851	9.929	VV	727	20956	0.27%	0.081%
153	9.944	9.929	9.958	VV	672	9034	0.12%	0.035%
154	9.971	9.958	9.987	VV	643	8348	0.11%	0.032%
155	9.991	9.987	10.002	VV	503	4000	0.05%	0.015%

					rteres			
156	10.020	10.002	10.048	VV	1230	16550	0.22%	0.064%
157	10.055	10.048	10.070	VV	278	2962	0.04%	0.011%
158	10.091	10.070	10.104	VV	746	10663	0.14%	0.041%
159	10.117	10.104	10.127	VV	657	7481	0.10%	0.029%
160	10.147	10.127	10.166	VV	801	14029	0.18%	0.054%
161	10.190	10.166	10.209	VV	854	16267	0.21%	0.063%
162	10.237	10.209	10.287	VV	1544	39362	0.51%	0.152%
163	10.297	10.287	10.303	VV	542	3768	0.05%	0.015%
164	10.305	10.303	10.317	VV	507	3412	0.04%	0.013%
165	10.331	10.317	10.348	VV	740	9157	0.12%	0.035%
166	10.370	10.348	10.421	VV	1322	24898	0.32%	0.096%
167	10.427	10.421	10.455	VV	468	4483	0.06%	0.017%
168	10.465	10.455	10.479	VV	290	3146	0.04%	0.012%
169	10.485	10.479	10.491	VV	341	2004	0.03%	0.008%
170	10.495	10.491	10.499	VV	324	1260	0.02%	0.005%
171	10.516	10.499	10.527	VV	574	6783	0.09%	0.026%
172	10.535	10.527	10.550	VV	552	6291	0.08%	0.024%
173	10.554	10.550	10.580	VV	492	6508	0.08%	0.025%
174	10.588	10.580	10.598	VV	373	3334	0.04%	0.013%
175	10.640	10.598	10.656	VV	973	20566	0.27%	0.079%
176	10.670	10.656	10.690	VV	848	9914	0.13%	0.038%
177	10.702	10.690	10.747	VV	540	7066	0.09%	0.027%
178	10.753	10.747	10.777	VV	282	3184	0.04%	0.012%
179	10.788	10.777	10.840	VV	570	8662	0.11%	0.033%
180	10.883	10.862	10.917	VV	1040	18514	0.24%	0.071%
181	10.950	10.917	10.987	VV	1425	23873	0.31%	0.092%
182	10.996	10.987	11.002	VV	304	1904	0.02%	0.007%
183	11.033	11.002	11.061	VV	694	14139	0.18%	0.054%
184	11.078	11.061	11.084	VV	272	2456	0.03%	0.009%
185	11.106	11.084	11.122	VV	262	2538	0.03%	0.010%
186	11.162	11.135	11.172	VV	334	4888	0.06%	0.019%
187	11.176	11.172	11.183	VV	295	1449	0.02%	0.006%
188	11.188	11.183	11.202	VV	238	1266	0.02%	0.005%
189	11.245	11.202	11.315	VV	484126	5199003	67.75%	20.020%
190	11.326	11.315	11.345	VV	1019	16731	0.22%	0.064%
191	11.357	11.345	11.393	VV	1077	23489	0.31%	0.090%
192	11.416	11.393	11.442	VV	1160	20649	0.27%	0.080%
193	11.449	11.442	11.463	VV	325	3694	0.05%	0.014%
194	11.474	11.463	11.484	VV	451	4218	0.05%	0.016%
195	11.515	11.484	11.522	VV	531	8581	0.11%	0.033%
196	11.524	11.522	11.531	VV	457	2063	0.03%	0.008%
197	11.546	11.531	11.557	VV	511	6139	0.08%	0.024%
198	11.575	11.557	11.587	VV	685	9450	0.12%	0.036%
199	11.608	11.587	11.633	VV	933	18438	0.24%	0.071%

200	11.671	11.633	11.723	VV	6146	97454	1.27%	0.375%
201	11.746	11.723	11.761	VV	869	14695	0.19%	0.057%
202	11.766	11.761	11.783	VV	756	7176	0.09%	0.028%
203	11.821	11.783	11.847	VV	1108	27970	0.36%	0.108%
204	11.871	11.847	11.938	VV	10164	189329	2.47%	0.729%
205	11.944	11.938	11.975	VV	1230	21338	0.28%	0.082%
206	11.977	11.975	12.002	VV	768	10978	0.14%	0.042%
207	12.005	12.002	12.009	VV	736	2724	0.04%	0.010%
208	12.013	12.009	12.048	VV	675	12474	0.16%	0.048%
209	12.059	12.048	12.065	VV	585	5089	0.07%	0.020%
210	12.091	12.065	12.094	VV	840	11505	0.15%	0.044%
211	12.114	12.094	12.138	VV	3149	41619	0.54%	0.160%
212	12.159	12.138	12.169	VV	462	6593	0.09%	0.025%
213	12.187	12.169	12.217	VV	1006	15172	0.20%	0.058%
214	12.221	12.217	12.227	VV	301	1160	0.02%	0.004%
215	12.250	12.227	12.275	VV	1794	22613	0.29%	0.087%
216	12.314	12.275	12.357	VV	2718	47964	0.63%	0.185%
217	12.380	12.357	12.401	VV	732	10883	0.14%	0.042%
218	12.412	12.401	12.418	VV	251	1603	0.02%	0.006%
219	12.439	12.428	12.475	VV	192	3893	0.05%	0.015%
220	12.507	12.475	12.518	VV	304	4557	0.06%	0.018%
221	12.526	12.518	12.532	VV	303	1953	0.03%	0.008%
222	12.538	12.532	12.545	VV	384	1622	0.02%	0.006%
223	12.569	12.551	12.588	VV	278	2995	0.04%	0.012%
224	12.602	12.588	12.610	PV	355	3215	0.04%	0.012%
225	12.614	12.610	12.628	VV	285	2621	0.03%	0.010%
226	12.687	12.628	12.751	VV	124336	1503785	19.60%	5.791%
227	12.758	12.751	12.798	VV	1362	24049	0.31%	0.093%
228	12.802	12.798	12.813	VV	507	3920	0.05%	0.015%
229	12.818	12.813	12.823	VV	440	2351	0.03%	0.009%
230	12.831	12.823	12.839	VV	450	3480	0.05%	0.013%
231	12.859	12.839	12.870	VV	684	9911	0.13%	0.038%
232	12.877	12.870	12.897	VV	733	9734	0.13%	0.037%
233	12.918	12.897	12.951	VV	3327	50589	0.66%	0.195%
234	12.958	12.951	12.995	VV	626	11648	0.15%	0.045%
235	12.999	12.995	13.019	VV	480	6000	0.08%	0.023%
236	13.029	13.019	13.034	VV	656	4088	0.05%	0.016%
237	13.045	13.034	13.058	VV	593	7236	0.09%	0.028%
238	13.067	13.058	13.072	VV	496	3297	0.04%	0.013%
239	13.075	13.072	13.080	VV	445	1541	0.02%	0.006%
240	13.102	13.080	13.152	VV	2389	54869	0.71%	0.211%
241	13.155	13.152	13.175	VV	633	7700	0.10%	0.030%
242	13.181	13.175	13.220	VV	555	11949	0.16%	0.046%

rteres								
243	13.230	13.220	13.242	VV	457	5025	0.07%	0.019%
244	13.271	13.242	13.297	VV	1287	26255	0.34%	0.101%
245	13.312	13.297	13.333	VV	872	13074	0.17%	0.050%
246	13.349	13.333	13.366	VV	429	6288	0.08%	0.024%
247	13.392	13.366	13.423	VV	1332	25874	0.34%	0.100%
248	13.441	13.423	13.477	VV	1586	22733	0.30%	0.088%
249	13.480	13.477	13.488	VV	298	1266	0.02%	0.005%
250	13.494	13.488	13.532	PV	150	2442	0.03%	0.009%
251	13.558	13.532	13.573	VV	360	4387	0.06%	0.017%
252	13.600	13.587	13.611	VV	303	2268	0.03%	0.009%
253	13.617	13.611	13.627	VV	300	1769	0.02%	0.007%
254	13.660	13.627	13.682	VV	546	11674	0.15%	0.045%
255	13.695	13.682	13.722	VV	833	11298	0.15%	0.044%
256	13.727	13.722	13.731	VV	284	1200	0.02%	0.005%
257	13.735	13.731	13.744	VV	333	1938	0.03%	0.007%
258	13.749	13.744	13.760	VV	294	1845	0.02%	0.007%
259	13.765	13.760	13.785	VV	303	2976	0.04%	0.011%
260	13.802	13.785	13.814	VV	437	5364	0.07%	0.021%
261	13.819	13.814	13.823	VV	275	1220	0.02%	0.005%
262	13.835	13.823	13.842	VV	614	4305	0.06%	0.017%
263	13.847	13.842	13.850	VV	450	1833	0.02%	0.007%
264	13.858	13.850	13.864	VV	476	3467	0.05%	0.013%
265	13.886	13.864	13.927	VV	1331	24314	0.32%	0.094%
266	13.964	13.927	13.980	VV	443	9420	0.12%	0.036%
267	14.002	13.980	14.031	VV	659	11019	0.14%	0.042%
268	14.042	14.031	14.064	VV	303	3991	0.05%	0.015%
269	14.111	14.064	14.123	VV	537	10908	0.14%	0.042%
270	14.166	14.123	14.230	VV	1411	42245	0.55%	0.163%
271	14.303	14.230	14.330	VV	348	16578	0.22%	0.064%
272	14.346	14.330	14.367	VV	404	6425	0.08%	0.025%
273	14.384	14.367	14.443	VV	836	19504	0.25%	0.075%
274	14.502	14.443	14.522	VV	1357	31813	0.41%	0.123%
275	14.538	14.522	14.569	VV	1876	36649	0.48%	0.141%
276	14.588	14.569	14.618	VV	1911	31021	0.40%	0.119%
277	14.651	14.618	14.687	VV	1069	16933	0.22%	0.065%
278	14.708	14.687	14.772	VV	550	19749	0.26%	0.076%
279	14.788	14.772	14.828	VV	457	9945	0.13%	0.038%
280	14.836	14.828	14.860	VV	372	4805	0.06%	0.019%
281	14.873	14.860	14.882	PV	250	2435	0.03%	0.009%
282	14.915	14.882	15.040	VV	8360	210753	2.75%	0.812%
283	15.070	15.040	15.150	VV	2973	65489	0.85%	0.252%
284	15.183	15.150	15.210	VV	518	13372	0.17%	0.051%
285	15.226	15.210	15.236	VV	381	5213	0.07%	0.020%

rteres									
286	15.250	15.236	15.277	VV	592	10129	0.13%	0.039%	
287	15.357	15.277	15.397	VV	902	34058	0.44%	0.131%	
288	15.405	15.397	15.417	VV	629	4750	0.06%	0.018%	
289	15.444	15.417	15.489	VV	759	22118	0.29%	0.085%	
290	15.518	15.489	15.535	VV	1052	19091	0.25%	0.074%	
291	15.554	15.535	15.582	VV	1481	23099	0.30%	0.089%	
292	15.590	15.582	15.608	VV	502	5768	0.08%	0.022%	
293	15.621	15.608	15.664	VV	605	11585	0.15%	0.045%	
294	15.706	15.664	15.732	VV	744	18543	0.24%	0.071%	
295	15.755	15.732	15.782	VV	732	15411	0.20%	0.059%	
296	15.795	15.782	15.807	VV	336	2916	0.04%	0.011%	
297	15.818	15.807	15.845	VV	257	3913	0.05%	0.015%	
298	15.864	15.845	15.885	VV	272	3365	0.04%	0.013%	
299	15.927	15.885	15.959	VV	1116	23539	0.31%	0.091%	
300	15.966	15.959	15.985	VV	434	5529	0.07%	0.021%	
301	15.994	15.985	16.010	VV	342	4576	0.06%	0.018%	
302	16.034	16.010	16.056	VV	1204	16964	0.22%	0.065%	
303	16.113	16.056	16.160	VV	1107	36191	0.47%	0.139%	
304	16.182	16.160	16.204	VV	614	12518	0.16%	0.048%	
305	16.239	16.204	16.264	VV	667	17978	0.23%	0.069%	
306	16.277	16.264	16.301	VV	433	8476	0.11%	0.033%	
307	16.312	16.301	16.341	VV	441	7973	0.10%	0.031%	
308	16.407	16.341	16.434	VV	1224	33539	0.44%	0.129%	
309	16.467	16.434	16.482	VV	1643	30214	0.39%	0.116%	
310	16.497	16.482	16.520	VV	2136	34618	0.45%	0.133%	
311	16.540	16.520	16.567	VV	2912	42112	0.55%	0.162%	
312	16.577	16.567	16.604	VV	681	11571	0.15%	0.045%	
313	16.614	16.604	16.652	VV	468	8310	0.11%	0.032%	
314	16.660	16.652	16.692	VV	373	6590	0.09%	0.025%	
315	16.712	16.692	16.748	VV	442	8390	0.11%	0.032%	
316	16.803	16.748	16.840	PV	1353	31050	0.40%	0.120%	
317	16.872	16.840	16.900	VV	1045	25334	0.33%	0.098%	
318	16.945	16.900	17.002	VV	2543	54548	0.71%	0.210%	
319	17.011	17.002	17.020	VV	338	2217	0.03%	0.009%	
320	17.058	17.020	17.092	VV	1094	24308	0.32%	0.094%	
321	17.147	17.092	17.217	VV	846	30243	0.39%	0.116%	
322	17.246	17.217	17.270	PV	494	9861	0.13%	0.038%	
323	17.280	17.270	17.297	VV	304	4916	0.06%	0.019%	
324	17.380	17.297	17.410	VV	3240	67829	0.88%	0.261%	
325	17.418	17.410	17.435	VV	489	6174	0.08%	0.024%	
326	17.470	17.435	17.505	VV	4289	74035	0.96%	0.285%	
327	17.525	17.505	17.551	VV	820	17695	0.23%	0.068%	
328	17.579	17.551	17.626	VV	644	16439	0.21%	0.063%	
329	17.672	17.626	17.701	PV	1645	31684	0.41%	0.122%	

				rters				
330	17.737	17.701	17.772	VV	4472	89593	1.17%	0.345%
331	17.801	17.772	17.877	VV	3941	90359	1.18%	0.348%
332	17.898	17.877	17.978	VV	764	20125	0.26%	0.077%
333	18.009	17.978	18.035	PV	274	4810	0.06%	0.019%
334	18.076	18.035	18.117	PV	900	17965	0.23%	0.069%
335	18.207	18.117	18.228	VV	3135	67014	0.87%	0.258%
336	18.247	18.228	18.283	VV	1432	24065	0.31%	0.093%
Sum of corrected areas:						25968784		

Aromatic EPH 121024.M Sat Dec 21 05:21:24 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
 Data File : FC068060.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 10:34
 Operator : YP/AJ
 Sample : PB165775BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB165775BL

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Integration File: autoint1.e
 Quant Time: Dec 21 01:50:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 2024
 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...	12.870	5367336	42.066 ug/ml
Spiked Amount 50.000		Recovery =	84.13%

Target Compounds

(f)=RT Delta > 1/2 Window

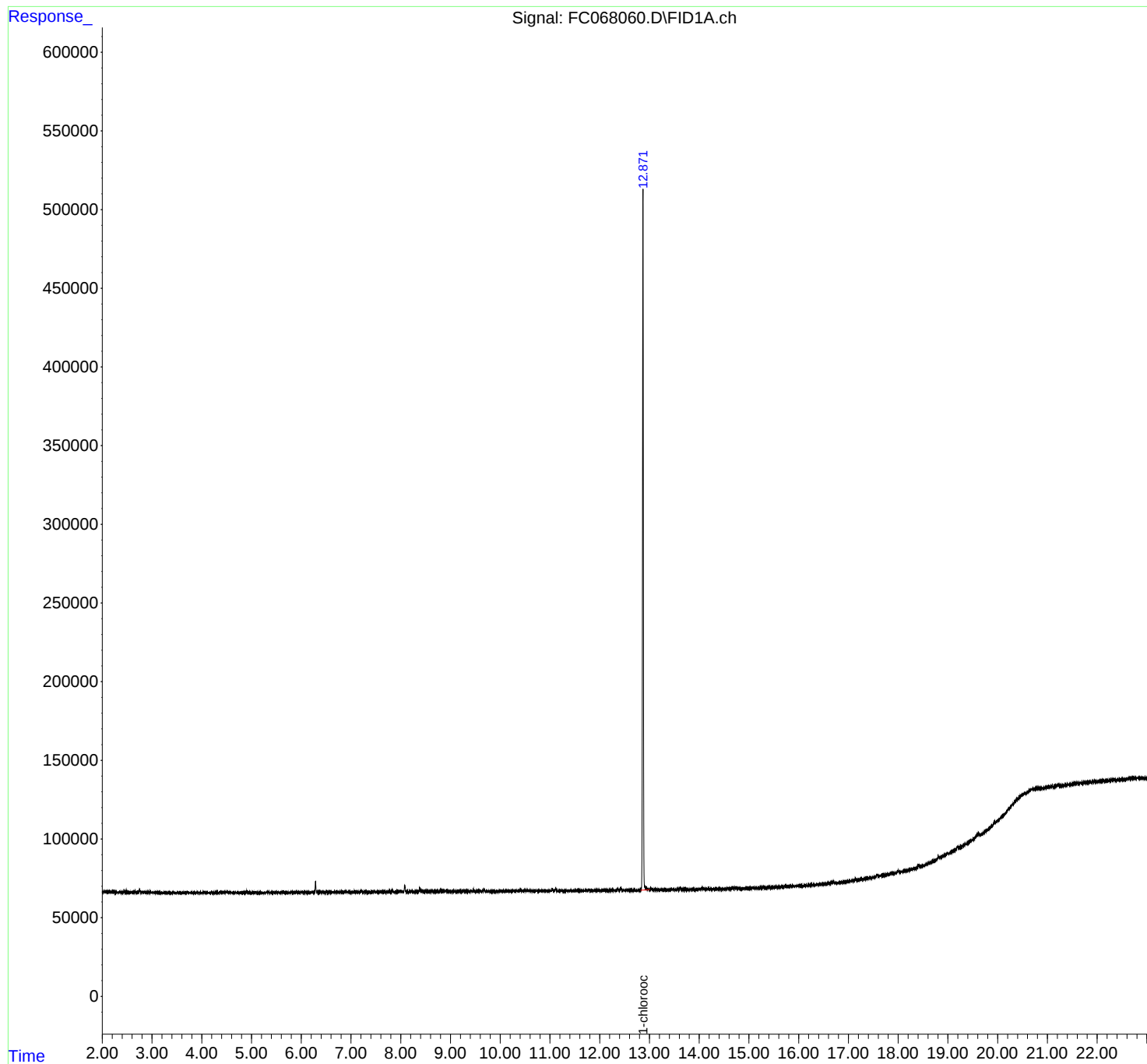
(m)=manual int.

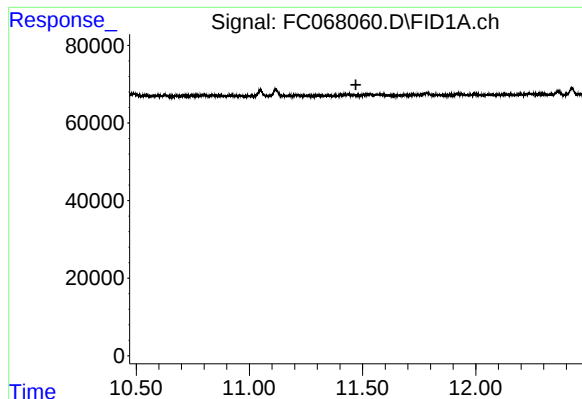
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
Data File : FC068060.D
Signal(s) : FID1A.ch
Acq On : 20 Dec 2024 10:34
Operator : YP/AJ
Sample : PB165775BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB165775BL

Integration File: autoint1.e
Quant Time: Dec 21 01:50:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 07:59:10 2024
Response via : Initial Calibration
Integrator: ChemStation

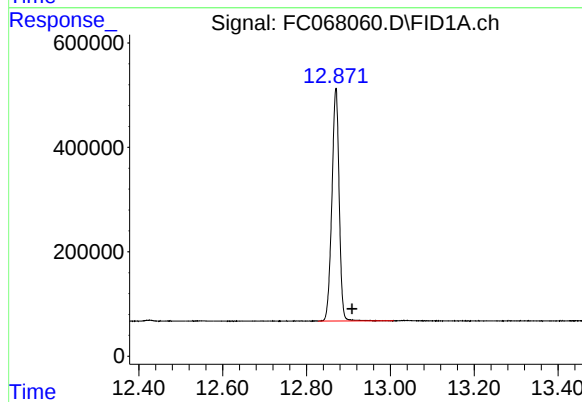
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





R.T.: 0.000 min
Exp R.T.: 11.470 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
PB165775BL



R.T.: 12.870 min
Delta R.T.: -0.039 min
Response: 5367336
Conc: 42.07 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
 Data File : FC068060.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 10:34
 Sample : PB165775BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.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	12.870	12.828	13.008	BV	448331	5367336	100.00%	100.000%
Sum of corrected areas:						5367336		

Aliphatic EPH 121024.M Sat Dec 21 02:26:20 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
Data File : FD048898.D
Signal(s) : FID2B.ch
Acq On : 20 Dec 2024 10:34
Operator : YP/AJ
Sample : PB165775BL
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB165775BL

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Integration File: autoint1.e
Quant Time: Dec 21 04:02:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 06:07:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.358	8936524	53.056 ug/ml
Spiked Amount 50.000		Recovery =	106.11%
6) S 2-Fluorobiphenyl (SURR)	8.207	5726704	55.433 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.87%
11) S ortho-Terphenyl (SURR)	11.245	8452422	47.576 ug/ml
Spiked Amount 50.000		Recovery =	95.15%

Target Compounds

(f)=RT Delta > 1/2 Window

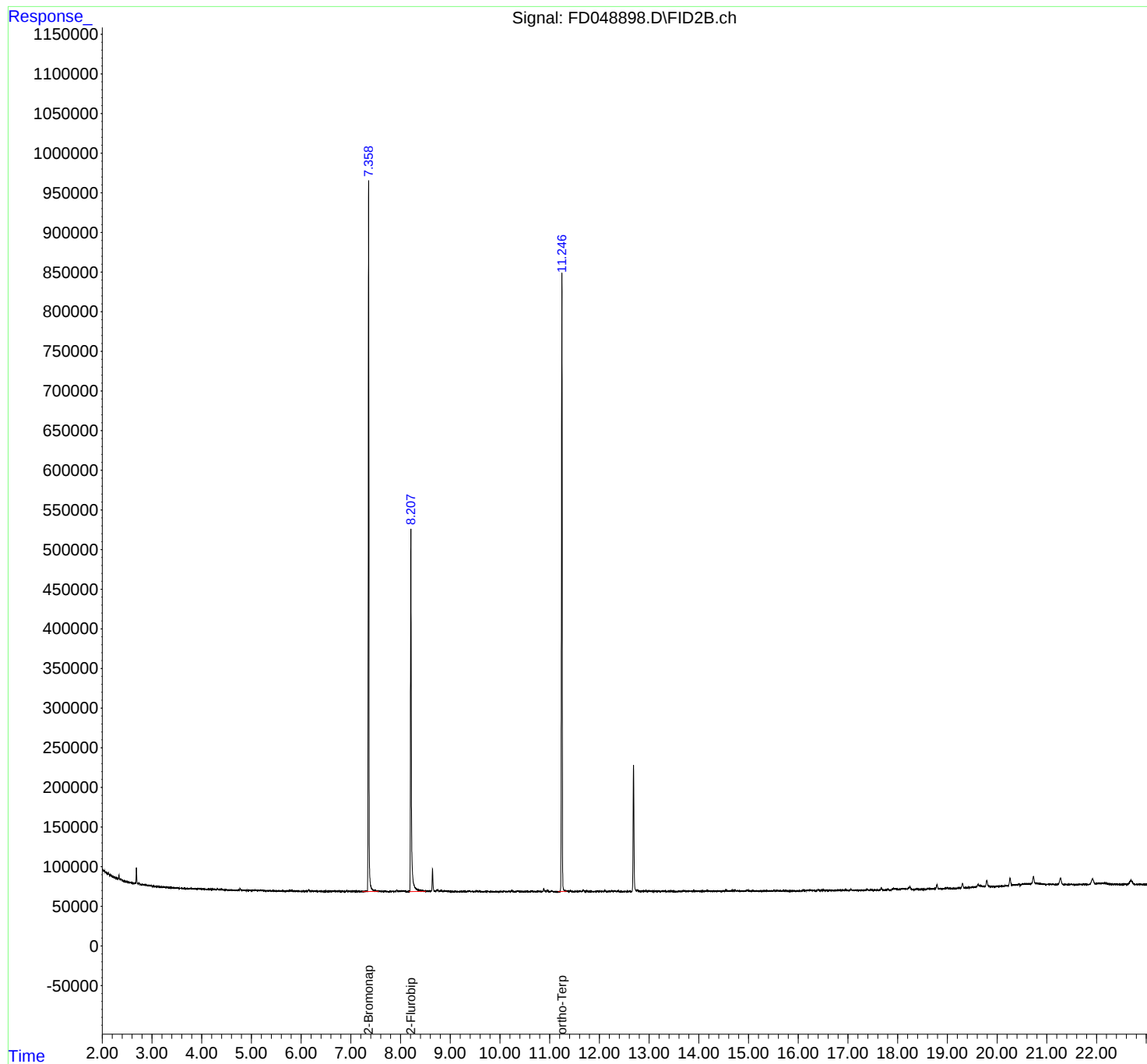
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
Data File : FD048898.D
Signal(s) : FID2B.ch
Acq On : 20 Dec 2024 10:34
Operator : YP/AJ
Sample : PB165775BL
Misc :
ALS Vial : 61 Sample Multiplier: 1

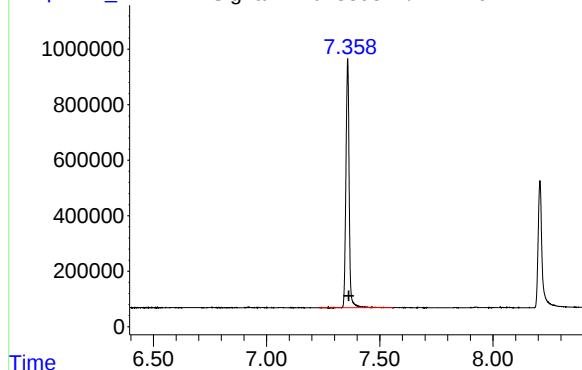
Instrument :
FID_D
ClientSampleId :
PB165775BL

Integration File: autoint1.e
Quant Time: Dec 21 04:02:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 06:07:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: FD048898.D\FID2B.ch

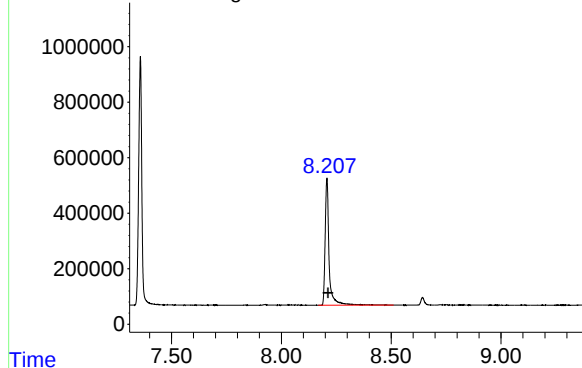


#4 2-Bromonaphthalene (SURR)

R.T.: 7.358 min
Delta R.T.: -0.005 min
Response: 8936524
Conc: 53.06 ug/ml

Instrument :
FID_D
ClientSampleId :
PB165775BL

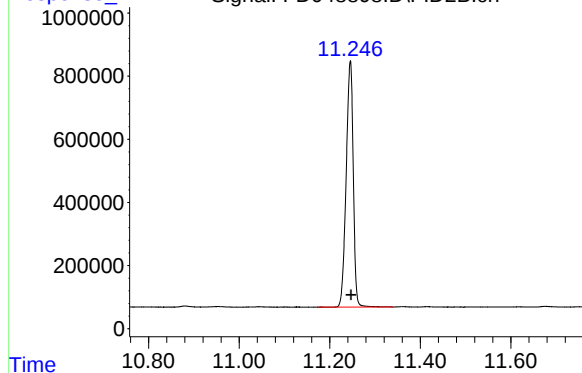
Response_ Signal: FD048898.D\FID2B.ch



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.207 min
Delta R.T.: -0.006 min
Response: 5726704
Conc: 55.43 ug/ml

Response_ Signal: FD048898.D\FID2B.ch



#11 ortho-Terphenyl (SURR)

R.T.: 11.245 min
Delta R.T.: -0.002 min
Response: 8452422
Conc: 47.58 ug/ml

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048898.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 10:34
 Sample : PB165775BL
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH
 121024.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	7.358	7.228	7.561	BV	893339	8936524	100.00%	38.660%
2	8.207	8.168	8.511	PV	458446	5726704	64.08%	24.774%
3	11.245	11.175	11.341	BV	775222	8452422	94.58%	36.566%
Sum of corrected areas:						23115650		

Aromatic EPH 121024.M Sat Dec 21 04:58:47 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
 Data File : FC068061.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 11:10
 Operator : YP/AJ
 Sample : PB165775BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB165775BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 21 01:50:32 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M

Quant Title : GC Extractables

Qlast Update : Tue Dec 10 07:59:10 2024

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...	12.870	6377412	49.982 ug/ml
Spiked Amount 50.000		Recovery =	99.96%
Target Compounds			
1) T n-Nonane (C9)	3.217	3263109	21.003 ug/ml
2) T n-Decane (C10)	4.276	4320689	27.255 ug/ml
4) T n-Dodecane (C12)	6.290	5476287	34.011 ug/ml
6) T n-Tetradecane (C14)	8.083	6225826	39.157 ug/ml
7) T n-Hexadecane (C16)	9.680	6591328	40.800 ug/ml
8) T n-Octadecane (C18)	11.120	6815635	42.454 ug/ml
10) T n-Eicosane (C20)	12.428	7020867	46.672 ug/ml
11) T n-Heneicosane (C21)	13.039	6723348	46.014 ug/ml
13) T n-Docosane (C22)	13.624	6644880	46.420 ug/ml
14) T n-Tetracosane (C24)	14.726	6433915	46.304 ug/ml
15) T n-Hexacosane (C26)	15.745	6244097	46.691 ug/ml
16) T n-Octacosane (C28)	16.693	6091916	46.965 ug/ml
17) T n-Tricontane (C30)	17.581	6090176	47.013 ug/ml
18) T n-Dotriacontane (C32)	18.411	5983539	48.299 ug/ml
19) T n-Tetratriacontane (C34)	19.194	5964683	54.648 ug/ml
20) T n-Hexatriacontane (C36)	19.932	5799620	61.301 ug/ml
21) T n-Octatriacontane (C38)	20.649	5884573	65.050 ug/ml
22) T n-Tetracontane (C40)	21.513	5922402	67.194 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
Data File : FC068061.D
Signal(s) : FID1A.ch
Acq On : 20 Dec 2024 11:10
Operator : YP/AJ
Sample : PB165775BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

Client SampleId :

PB165775BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 21 01:50:32 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 07:59:10 2024

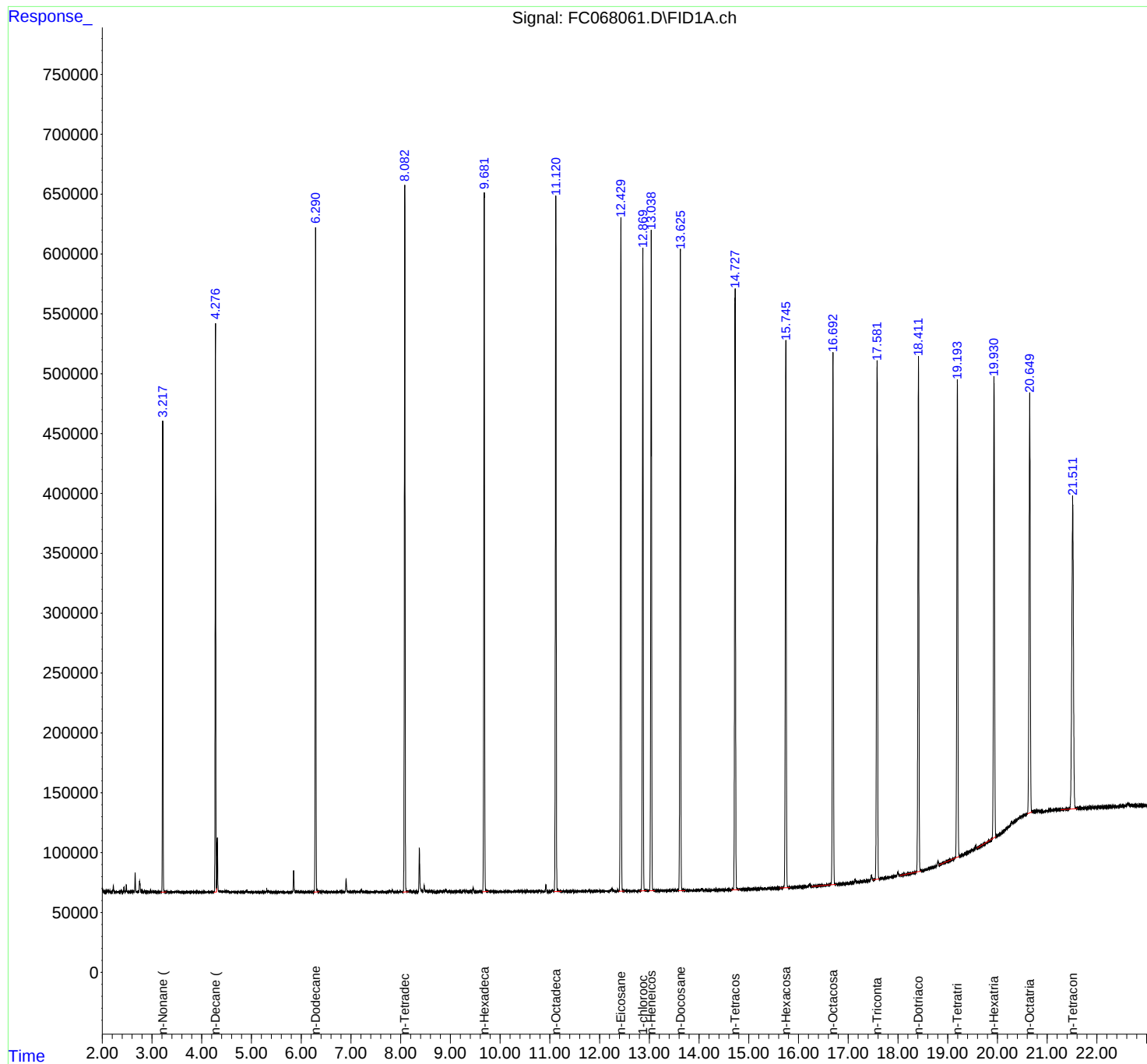
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um



rteres

Instrument :

FID_C

ClientSampleId :

PB165775BS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC12202
 Data File : FC068061.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 11:10
 Sample : PB165775BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.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	3.217	3.181	3.284	BB	393459	3263109	46.48%	2.866%
2	4.276	4.164	4.299	BV	477553	4315019	61.46%	3.789%
3	6.290	6.248	6.358	BV	553941	5476287	78.00%	4.809%
4	8.083	8.044	8.158	BV	582561	6225826	88.68%	5.468%
5	9.680	9.644	9.761	PB	589570	6591328	93.88%	5.789%
6	11.120	11.079	11.234	PB	581320	6815635	97.08%	5.986%
7	12.428	12.387	12.498	PB	561438	7020867	100.00%	6.166%
8	12.870	12.808	12.948	BB	534871	6377412	90.84%	5.601%
9	13.039	12.994	13.114	BB	545696	6723348	95.76%	5.904%
10	13.624	13.588	13.724	VB	538866	6644880	94.64%	5.836%
11	14.726	14.644	14.814	BB	499834	6433915	91.64%	5.650%
12	15.745	15.624	15.824	BB	447204	6244097	88.94%	5.484%
13	16.693	16.256	16.754	PB	437353	6091916	86.77%	5.350%
14	17.581	17.494	17.621	PV	433434	6090176	86.74%	5.348%
15	18.411	18.038	18.464	PV	430082	5983539	85.23%	5.255%
16	19.194	18.831	19.234	PV	400345	5964683	84.96%	5.238%
17	19.932	19.588	19.972	PV	383647	5799620	82.61%	5.093%
18	20.649	20.601	20.698	BV	344391	5884573	83.82%	5.168%
19	21.513	21.271	21.604	BB	254486	5922402	84.35%	5.201%

Sum of corrected areas: 113868630

Aliphatic EPH 121024.M Sat Dec 21 02:28:12 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048899.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 11:10
 Operator : YP/AJ
 Sample : PB165775BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB165775BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 21 04:03:03 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M

Quant Title : GC Extractables

Qlast Update : Tue Dec 10 06:07:50 2024

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...	7.361	8441270	50.116 ug/ml
Spiked Amount 50.000		Recovery =	100.23%
6) S 2-Fluorobiphenyl (SURR)	8.211	5057775	48.958 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.92%
11) S ortho-Terphenyl (SURR)	11.247	7987359	44.958 ug/ml
Spiked Amount 50.000		Recovery =	89.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.184	5796574	30.615 ug/ml
2) T Naphthalene (C11.7)	5.701	7358939	38.512 ug/ml
3) T 2-Methylnaphthalene (...)	6.747	7362678	39.846 ug/ml
5) T Acenaphthylene (C15.06)	8.013	8037048	43.063 ug/ml
7) T Acenaphthene (C15.5)	8.309	8773621	47.110 ug/ml
8) T Flouorene (C16.55)	9.088	8877905	49.684 ug/ml
9) T Phenanthrene (C19.36)	10.475	8702708	52.104 ug/ml
10) T Anthracene (C19.43)	10.551	8869696	52.260 ug/ml
12) T Fluoranthene (C21.85)	12.281	8660485	52.909 ug/mlm
13) T Pyrene (C20.8)	12.574	9122601	56.090 ug/ml
14) T Benzo[a]anthracene (C...	14.444	7786261	58.938 ug/ml
15) T Chrysene (C27.41)	14.487	7970670	49.372 ug/ml
16) T benzo[b]fluoranthene ...	15.993	7844868	58.271 ug/ml
17) T Bnezo[k]fluoranthene ...	16.027	7920356	51.998 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	7875529	56.941 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.737	7465507	70.053 ug/ml
20) T Dibenz[a,h]anthracene...	17.773	7743038	53.390 ug/ml
21) T Benzo[g,h,i]perylene ...	17.990	7312960	52.158 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
Data File : FD048899.D
Signal(s) : FID2B.ch
Acq On : 20 Dec 2024 11:10
Operator : YP/AJ
Sample : PB165775BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB165775BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 21 04:03:03 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 06:07:50 2024

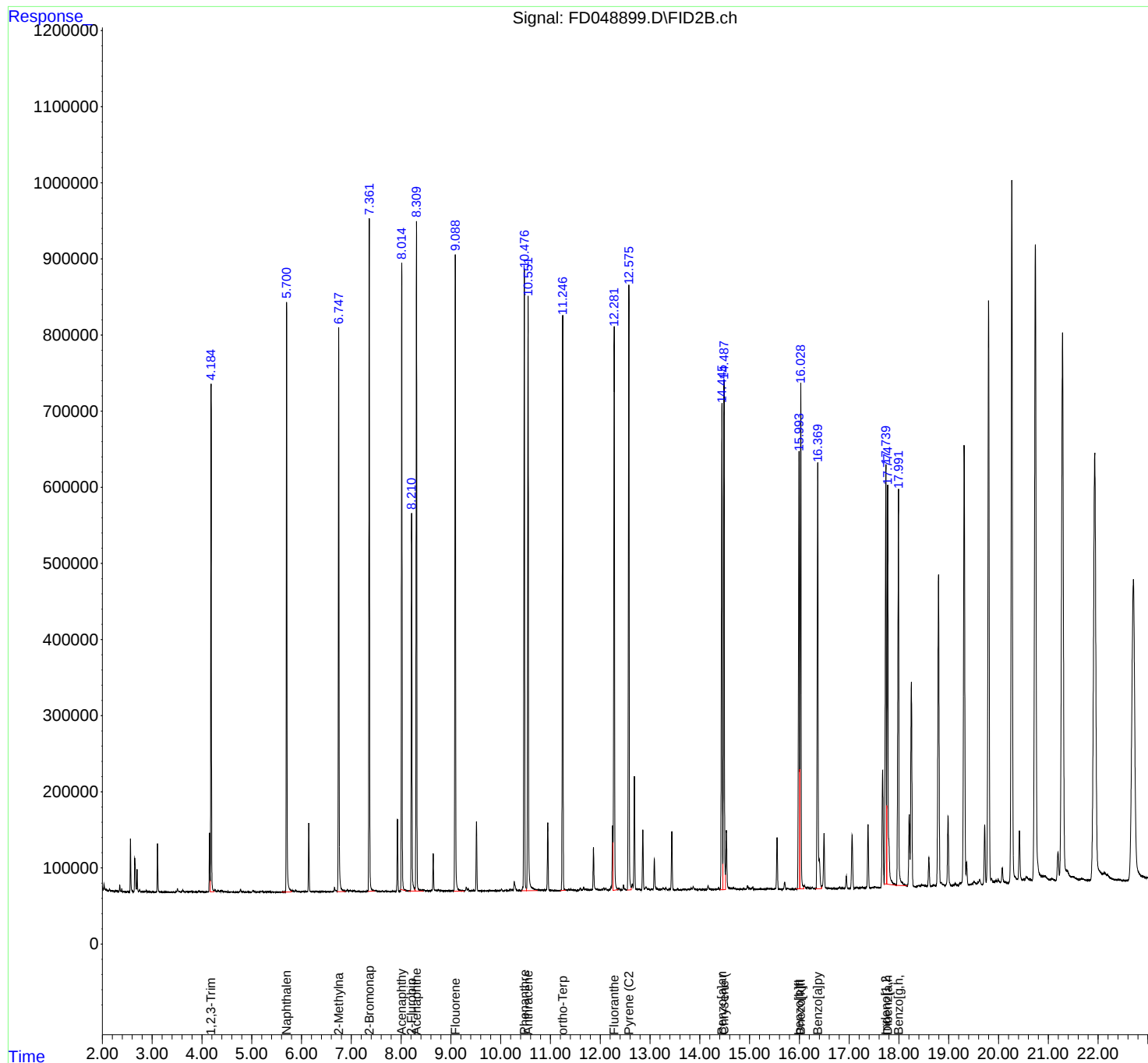
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm



rteres

Instrument :

FID_D

ClientSampleId :

PB165775BS

Area Percent

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data
 Data File : FD048899.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 11:10
 Sample : PB165775BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH
 121024.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	4.184	4.168	4.244	VV	669344	5796574	60.43%	3.494%
2	5.701	5.608	5.798	BV	773544	7358939	76.72%	4.436%
3	6.747	6.718	6.883	VV	741865	7362678	76.76%	4.438%
4	7.361	7.334	7.471	PV	883437	8441270	88.01%	5.088%
5	8.013	7.991	8.101	BV	828098	8037048	83.79%	4.845%
6	8.211	8.148	8.281	BV	496428	5057775	52.73%	3.049%
7	8.309	8.281	8.444	VV	869340	8773621	91.47%	5.289%
8	9.088	9.054	9.268	PV	829994	8877905	92.56%	5.351%
9	10.475	10.411	10.519	BV	807046	8702708	90.73%	5.246%
10	10.551	10.519	10.733	VV	777058	8869696	92.47%	5.346%
11	11.247	11.196	11.311	PV	757963	7987359	83.27%	4.815%
12	12.280	12.223	12.356	VV	747930	9591672	100.00%	5.782%
13	12.574	12.538	12.623	PV	783149	9122601	95.11%	5.499%
14	14.444	14.406	14.462	VV	638299	7786261	81.18%	4.693%
15	14.487	14.462	14.514	VV	674903	7970670	83.10%	4.805%
16	15.993	15.931	16.008	BV	574410	7844868	81.79%	4.729%
17	16.027	16.008	16.088	VV	664731	7920356	82.58%	4.774%
18	16.368	16.321	16.446	VV	556676	7875529	82.11%	4.747%
19	17.737	17.701	17.752	BV	548514	7465507	77.83%	4.500%
20	17.773	17.752	17.946	VV	526185	7743038	80.73%	4.667%
21	17.990	17.946	18.168	PV	525190	7312960	76.24%	4.408%
Sum of corrected areas:						165899036		

Aromatic EPH 121024.M Sat Dec 21 05:07:04 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
 Data File : FC068062.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 11:46
 Operator : YP/AJ
 Sample : PB165775BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB165775BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 21 01:51:03 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M

Quant Title : GC Extractables

Qlast Update : Tue Dec 10 07:59:10 2024

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...	12.870	6982791	54.727 ug/ml
Spiked Amount 50.000		Recovery =	109.45%
Target Compounds			
1) T n-Nonane (C9)	3.217	3207919	20.647 ug/ml
2) T n-Decane (C10)	4.277	4240784	26.751 ug/ml
4) T n-Dodecane (C12)	6.290	5415981	33.637 ug/ml
6) T n-Tetradecane (C14)	8.082	6158582	38.734 ug/ml
7) T n-Hexadecane (C16)	9.680	6549523	40.541 ug/ml
8) T n-Octadecane (C18)	11.120	6768347	42.159 ug/ml
10) T n-Eicosane (C20)	12.428	6983821	46.426 ug/ml
11) T n-Heneicosane (C21)	13.039	6700222	45.855 ug/ml
13) T n-Docosane (C22)	13.624	6618144	46.234 ug/ml
14) T n-Tetracosane (C24)	14.725	6418378	46.193 ug/ml
15) T n-Hexacosane (C26)	15.745	6238703	46.651 ug/ml
16) T n-Octacosane (C28)	16.694	6065280	46.760 ug/ml
17) T n-Tricontane (C30)	17.581	6063740	46.809 ug/ml
18) T n-Dotriacontane (C32)	18.412	5968914	48.181 ug/ml
19) T n-Tetratriacontane (C34)	19.195	5939577	54.418 ug/ml
20) T n-Hexatriacontane (C36)	19.934	5812965	61.442 ug/ml
21) T n-Octatriacontane (C38)	20.650	5863802	64.820 ug/ml
22) T n-Tetracontane (C40)	21.514	5946771	67.470 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
Data File : FC068062.D
Signal(s) : FID1A.ch
Acq On : 20 Dec 2024 11:46
Operator : YP/AJ
Sample : PB165775BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB165775BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 21 01:51:03 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 07:59:10 2024

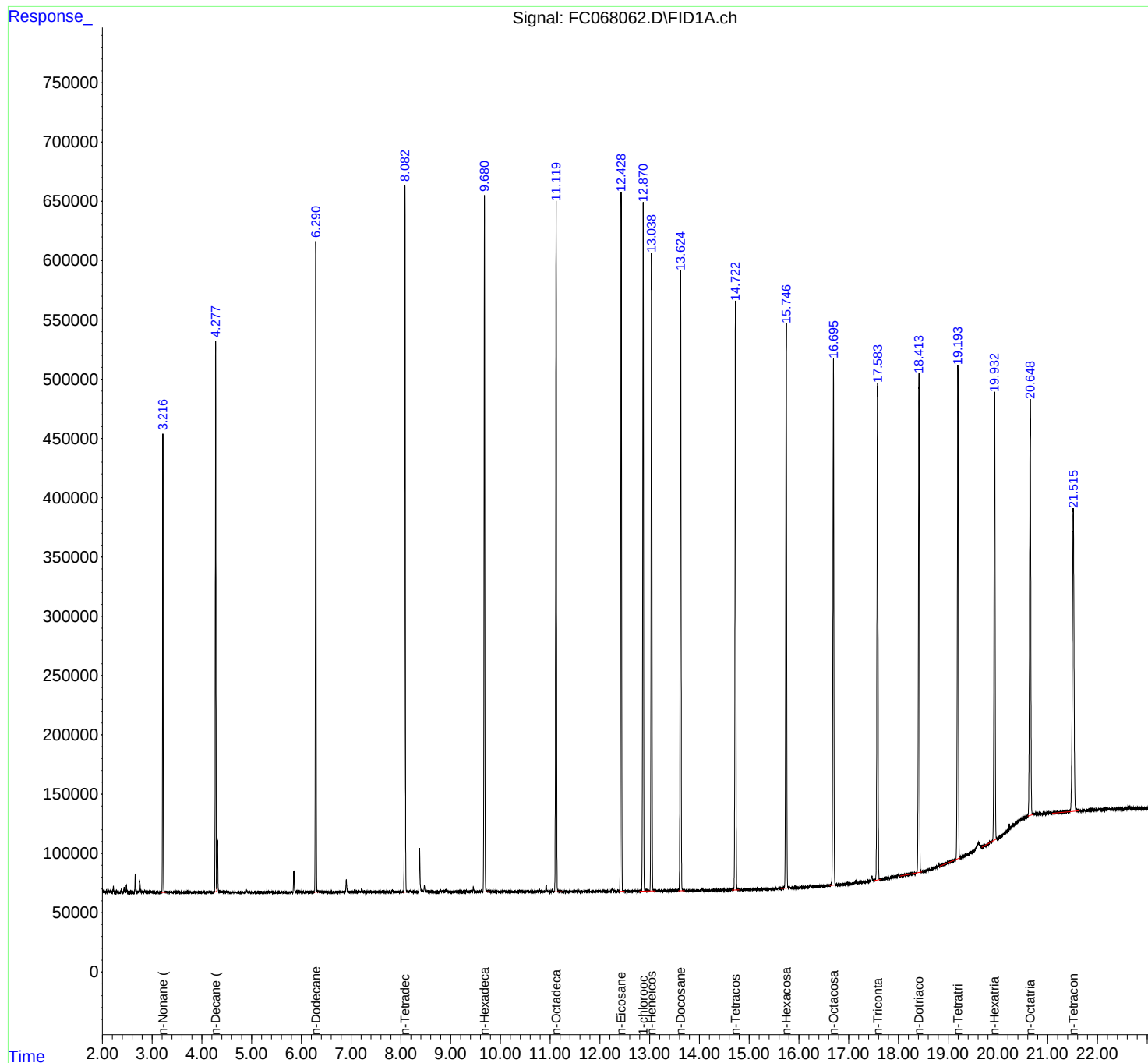
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um



rteres

Instrument :

FID_C

ClientSampleId :

PB165775BSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC12202
 Data File : FC068062.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 11:46
 Sample : PB165775BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.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	3.217	3.185	3.288	BB	384354	3207919	45.93%	2.815%
2	4.277	4.238	4.299	BV	467460	4252744	60.89%	3.732%
3	6.290	6.248	6.388	BV	553145	5415981	77.55%	4.753%
4	8.082	8.045	8.151	BV	589328	6158582	88.18%	5.404%
5	9.680	9.645	9.785	BB	589866	6549523	93.78%	5.747%
6	11.120	11.078	11.238	PB	579032	6768347	96.91%	5.939%
7	12.428	12.385	12.498	VB	586313	6983821	100.00%	6.129%
8	12.870	12.795	12.958	BB	582280	6982791	99.99%	6.128%
9	13.039	12.961	13.121	BB	534743	6700222	95.94%	5.880%
10	13.624	13.585	13.701	VB	519298	6618144	94.76%	5.808%
11	14.725	14.651	14.798	BB	495522	6418378	91.90%	5.632%
12	15.745	15.631	15.835	BB	464373	6238703	89.33%	5.475%
13	16.694	16.615	16.749	BV	442809	6065280	86.85%	5.322%
14	17.581	17.508	17.638	PB	414227	6063740	86.83%	5.321%
15	18.412	18.028	18.471	PV	414849	5968914	85.47%	5.238%
16	19.195	18.835	19.241	PV	417174	5939577	85.05%	5.212%
17	19.934	19.681	19.974	PV	377463	5812965	83.23%	5.101%
18	20.650	20.601	20.715	BB	346890	5863802	83.96%	5.146%
19	21.514	21.095	21.618	BV	255537	5946771	85.15%	5.218%

Sum of corrected areas: 113956203

Aliphatic EPH 121024.M Sat Dec 21 02:29:06 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048900.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 11:46
 Operator : YP/AJ
 Sample : PB165775BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB165775BSD

Integration File: autoint1.e
 Quant Time: Dec 21 04:03:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 2024
 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...	7.361	8454965	50.197 ug/ml
Spiked Amount 50.000		Recovery =	100.39%
6) S 2-Fluorobiphenyl (SURR)	8.211	5060351	48.983 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.97%
11) S ortho-Terphenyl (SURR)	11.247	7922276	44.592 ug/ml
Spiked Amount 50.000		Recovery =	89.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.184	5801081	30.639 ug/ml
2) T Naphthalene (C11.7)	5.701	7379662	38.620 ug/ml
3) T 2-Methylnaphthalene (...)	6.748	7387304	39.979 ug/ml
5) T Acenaphthylene (C15.06)	8.014	8060997	43.192 ug/ml
7) T Acenaphthene (C15.5)	8.309	8789116	47.193 ug/ml
8) T Flouorene (C16.55)	9.088	8824048	49.382 ug/ml
9) T Phenanthrene (C19.36)	10.476	8669054	51.903 ug/ml
10) T Anthracene (C19.43)	10.552	8754163	51.579 ug/ml
12) T Fluoranthene (C21.85)	12.281	8670068	52.967 ug/ml
13) T Pyrene (C20.8)	12.574	9021644	55.469 ug/ml
14) T Benzo[a]anthracene (C...	14.445	7784726	58.926 ug/ml
15) T Chrysene (C27.41)	14.488	7929200	49.115 ug/ml
16) T benzo[b]fluoranthene ...	15.994	7823973	58.115 ug/ml
17) T Bnezo[k]fluoranthene ...	16.029	7936750	52.106 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.370	7560389	54.663 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.739	7629189	71.589 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	7628370	52.600 ug/ml
21) T Benzo[g,h,i]perylene ...	17.991	7301835	52.079 ug/ml

(f)=RT Delta > 1/2 Window

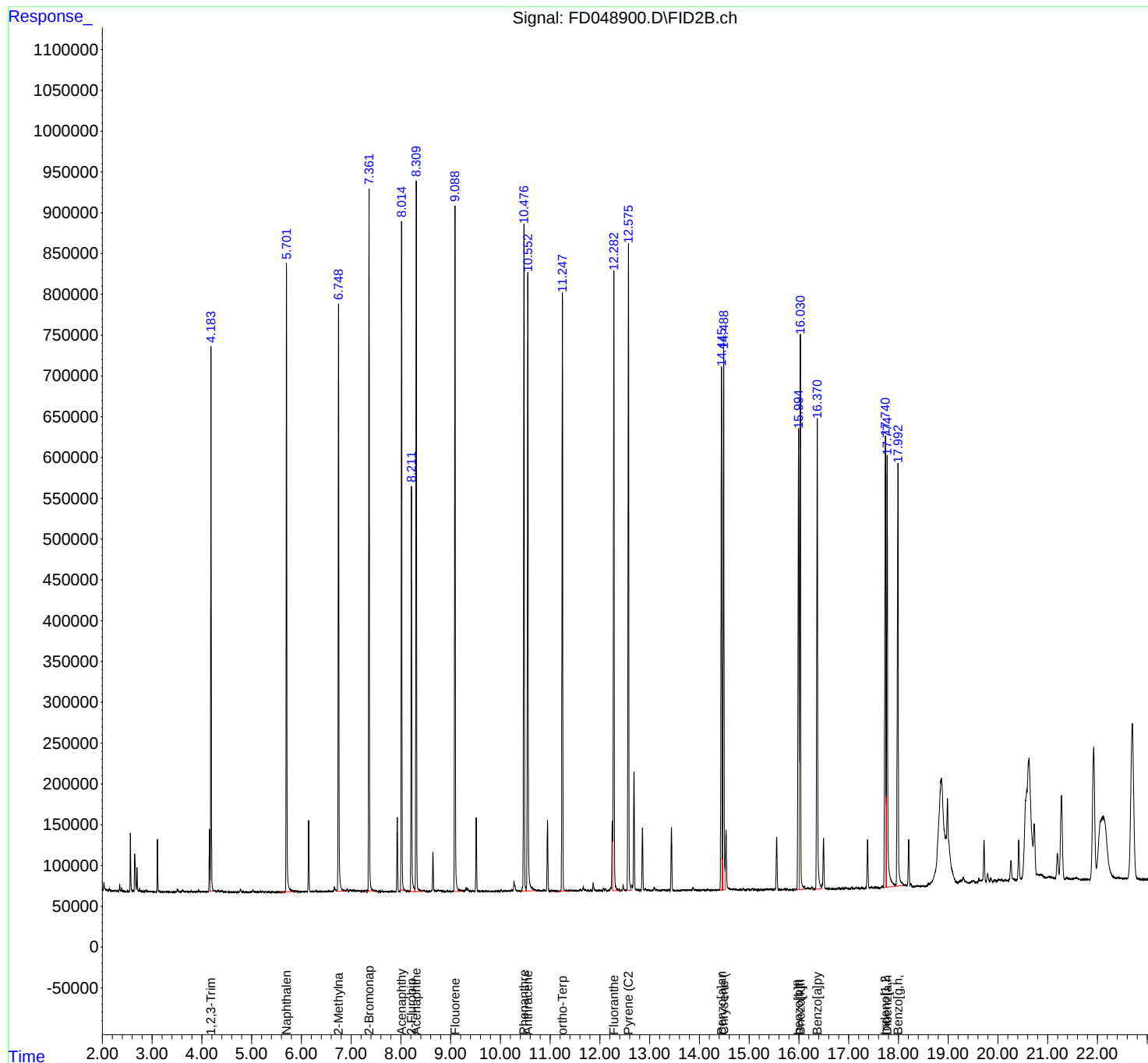
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
Data File : FD048900.D
Signal(s) : FID2B.ch
Acq On : 20 Dec 2024 11:46
Operator : YP/AJ
Sample : PB165775BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB165775BSD

Integration File: autoint1.e
Quant Time: Dec 21 04:03:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 06:07:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Report Area Percent

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048900.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 11:46
 Sample : PB165775BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH
 121024.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	4.184	4.166	4.246	VV	664122	5801081	64.30%	3.529%
2	5.701	5.571	5.853	BV	770744	7379662	81.80%	4.489%
3	6.748	6.714	6.886	VV	721254	7387304	81.88%	4.494%
4	7.361	7.281	7.475	PV	860875	8454965	93.72%	5.143%
5	8.014	7.991	8.111	BV	823911	8060997	89.35%	4.904%
6	8.211	8.188	8.281	BV	494139	5060351	56.09%	3.078%
7	8.309	8.281	8.435	VV	861048	8789116	97.42%	5.347%
8	9.088	9.054	9.193	VV	841877	8824048	97.81%	5.368%
9	10.476	10.395	10.520	PV	809547	8669054	96.09%	5.273%
10	10.552	10.520	10.722	VV	756731	8754163	97.04%	5.325%
11	11.247	11.135	11.351	BV	738795	7922276	87.81%	4.819%
12	12.281	12.256	12.370	VV	760574	8670068	96.10%	5.274%
13	12.574	12.528	12.625	PV	794291	9021644	100.00%	5.488%
14	14.445	14.405	14.463	BV	639844	7784726	86.29%	4.736%
15	14.488	14.463	14.516	VV	660873	7929200	87.89%	4.823%
16	15.994	15.931	16.010	BV	566256	7823973	86.72%	4.759%
17	16.029	16.010	16.088	VV	662336	7936750	87.97%	4.828%
18	16.370	16.311	16.454	VV	583800	7560389	83.80%	4.599%
19	17.739	17.701	17.754	BV	544750	7629189	84.57%	4.641%
20	17.774	17.754	17.947	VV	528872	7628370	84.56%	4.640%
21	17.991	17.947	18.124	VV	517191	7301835	80.94%	4.442%
Sum of corrected areas:						164389162		

Aromatic EPH 121024.M Sat Dec 21 05:09:27 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
 Data File : FC068068.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 16:26
 Operator : YP/AJ
 Sample : P5299-04MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

SB-02MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 21 01:53:32 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 07:59:10 2024

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...	12.887	5270189	41.304 ug/ml
Spiked Amount 50.000		Recovery =	82.61%
Target Compounds			
1) T n-Nonane (C9)	3.244	3124534	20.111 ug/ml
2) T n-Decane (C10)	4.303	3783067	23.864 ug/ml
4) T n-Dodecane (C12)	6.313	4383048	27.221 ug/ml
6) T n-Tetradecane (C14)	8.104	5146476	32.368 ug/ml
7) T n-Hexadecane (C16)	9.700	5295861	32.781 ug/ml
8) T n-Octadecane (C18)	11.139	5479253	34.130 ug/ml
10) T n-Eicosane (C20)	12.445	5526034	36.735 ug/ml
11) T n-Heneicosane (C21)	13.056	5229709	35.791 ug/ml
13) T n-Docosane (C22)	13.641	5147967	35.963 ug/ml
14) T n-Tetracosane (C24)	14.741	4987405	35.894 ug/ml
15) T n-Hexacosane (C26)	15.760	4823076	36.066 ug/ml
16) T n-Octacosane (C28)	16.709	4703302	36.260 ug/ml
17) T n-Tricontane (C30)	17.593	4718531	36.424 ug/ml
18) T n-Dotriacontane (C32)	18.424	4645251	37.496 ug/ml
19) T n-Tetratriacontane (C34)	19.206	4507922	41.301 ug/ml
20) T n-Hexatriacontane (C36)	19.943	4435369	46.881 ug/mlm
21) T n-Octatriacontane (C38)	20.661	4330161	47.867 ug/ml
22) T n-Tetracontane (C40)	21.530	4277434	48.531 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
Data File : FC068068.D
Signal(s) : FID1A.ch
Acq On : 20 Dec 2024 16:26
Operator : YP/AJ
Sample : P5299-04MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

SB-02MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 21 01:53:32 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 07:59:10 2024

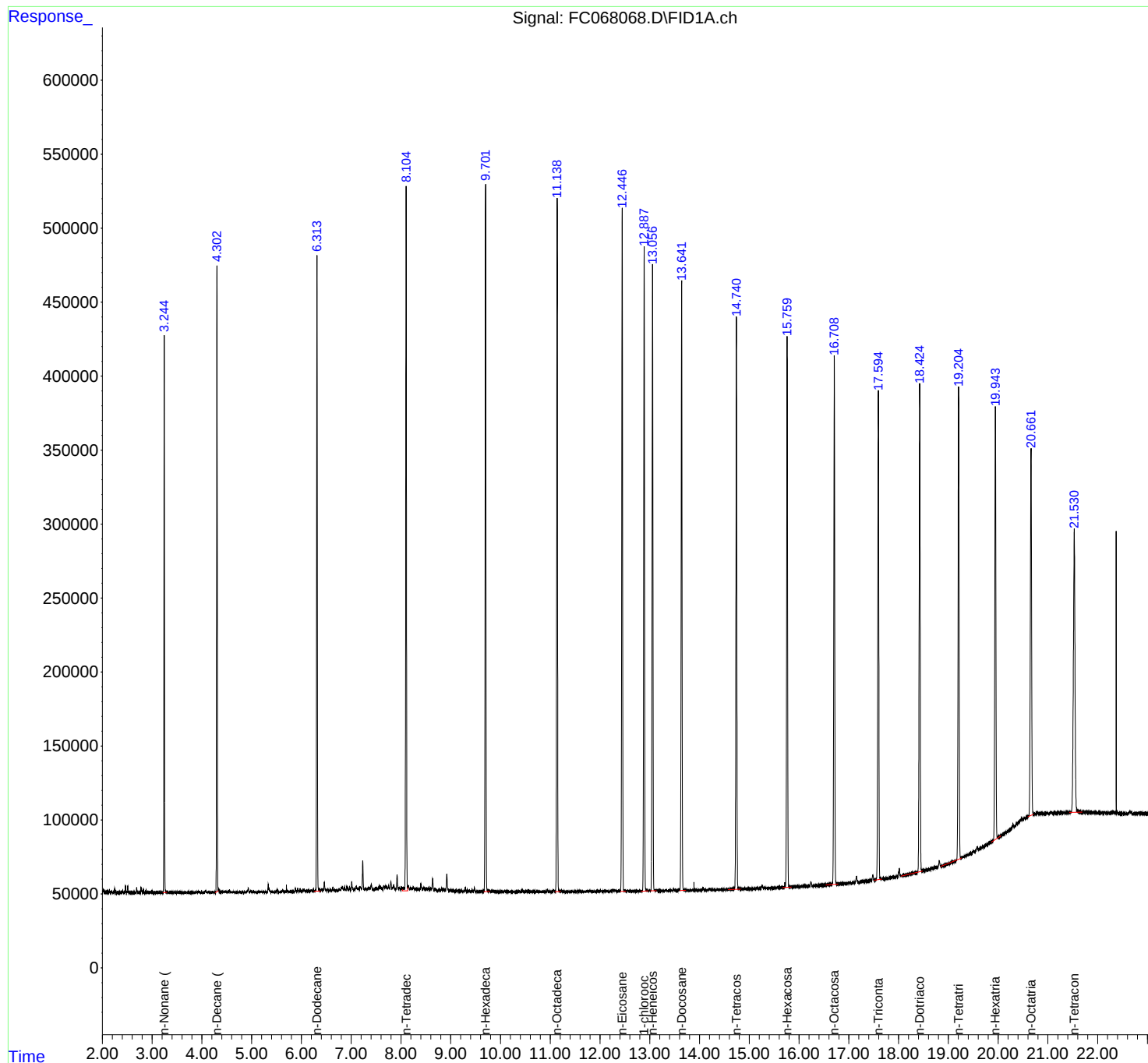
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um



Instrument :

FID_C

ClientSampleId :

SB-02MS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC12202
 Data File : FC068068.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 16:26
 Sample : P5299-04MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.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	3.137	3.104	3.184	BV	111	2405	0.04%	0.002%
2	3.198	3.184	3.214	PV	83	770	0.01%	0.001%
3	3.244	3.214	3.338	PV	376943	3134798	49.88%	2.849%
4	3.346	3.338	3.353	VV	216	1709	0.03%	0.002%
5	3.364	3.353	3.402	VV	313	5371	0.09%	0.005%
6	3.443	3.402	3.464	VV	272	5204	0.08%	0.005%
7	3.504	3.464	3.535	PV	325	7491	0.12%	0.007%
8	3.563	3.535	3.592	VV	285	6544	0.10%	0.006%
9	3.611	3.592	3.691	VV	215	5486	0.09%	0.005%
10	3.701	3.691	3.714	VV	202	1237	0.02%	0.001%
11	3.732	3.714	3.764	VV	431	6358	0.10%	0.006%
12	3.777	3.764	3.796	VV	194	2065	0.03%	0.002%
13	3.816	3.796	3.834	VV	310	4029	0.06%	0.004%
14	3.907	3.834	3.918	VV	581	7776	0.12%	0.007%
15	3.933	3.918	3.957	VV	884	8616	0.14%	0.008%
16	4.000	3.957	4.031	VV	352	6513	0.10%	0.006%
17	4.068	4.031	4.101	VV	986	18581	0.30%	0.017%
18	4.107	4.101	4.131	VV	190	3226	0.05%	0.003%
19	4.140	4.131	4.198	VV	192	4507	0.07%	0.004%
20	4.218	4.198	4.235	VV	237	3904	0.06%	0.004%
21	4.252	4.235	4.271	VV	201	3461	0.06%	0.003%
22	4.303	4.271	4.331	VV	419298	3809037	60.61%	3.462%
23	4.342	4.331	4.391	VV	2492	36463	0.58%	0.033%
24	4.403	4.391	4.431	VV	637	11883	0.19%	0.011%
25	4.468	4.431	4.487	VV	1053	19857	0.32%	0.018%
26	4.498	4.487	4.511	VV	536	5848	0.09%	0.005%
27	4.524	4.511	4.537	VV	771	8406	0.13%	0.008%
28	4.554	4.537	4.570	VV	1765	18442	0.29%	0.017%
29	4.579	4.570	4.595	VV	585	5443	0.09%	0.005%
30	4.628	4.595	4.642	VV	456	7876	0.13%	0.007%
31	4.670	4.642	4.688	VV	366	7340	0.12%	0.007%
32	4.705	4.688	4.731	VV	360	6146	0.10%	0.006%
33	4.767	4.731	4.803	VV	822	14581	0.23%	0.013%
34	4.820	4.803	4.841	VV	258	3742	0.06%	0.003%
35	4.857	4.841	4.874	VV	336	4696	0.07%	0.004%
36	4.932	4.874	4.960	VV	3038	46645	0.74%	0.042%

Instrument : FID_C									
ClientSampleId : SB-02MS									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 12/23/2024									
Supervised By :Ankita Jodhani 12/27/2024									
					retention				
37	4.981	4.960	5.001	VV	907	14311	0.23%	0.013%	
38	5.011	5.001	5.023	VV	531	5707			
39	5.039	5.023	5.075	VV	780	11448			
40	5.091	5.075	5.108	PV	182	2680			
41	5.132	5.108	5.146	VV	714	9036			
42	5.155	5.146	5.178	VV	446	7757			
43	5.194	5.178	5.211	VV	673	9193	0.15%	0.008%	
44	5.223	5.211	5.234	VV	475	5227	0.08%	0.005%	
45	5.249	5.234	5.268	VV	521	7411	0.12%	0.007%	
46	5.279	5.268	5.295	VV	451	6247	0.10%	0.006%	
47	5.333	5.295	5.391	VV	5694	92635	1.47%	0.084%	
48	5.401	5.391	5.411	VV	344	3270	0.05%	0.003%	
49	5.428	5.411	5.464	VV	444	10339	0.16%	0.009%	
50	5.511	5.464	5.547	VV	2027	34766	0.55%	0.032%	
51	5.586	5.547	5.600	VV	614	13200	0.21%	0.012%	
52	5.624	5.600	5.661	VV	1327	28447	0.45%	0.026%	
53	5.678	5.661	5.704	VV	728	16768	0.27%	0.015%	
54	5.720	5.704	5.757	VV	1283	22742	0.36%	0.021%	
55	5.786	5.757	5.804	VV	865	16619	0.26%	0.015%	
56	5.835	5.804	5.852	VV	830	19137	0.30%	0.017%	
57	5.880	5.852	5.905	VV	2179	42809	0.68%	0.039%	
58	5.928	5.905	5.951	VV	2309	39618	0.63%	0.036%	
59	5.972	5.951	5.998	VV	2596	37107	0.59%	0.034%	
60	6.034	5.998	6.048	VV	2433	39949	0.64%	0.036%	
61	6.058	6.048	6.081	VV	1740	26069	0.41%	0.024%	
62	6.107	6.081	6.127	VV	1082	26430	0.42%	0.024%	
63	6.144	6.127	6.172	VV	1925	31719	0.50%	0.029%	
64	6.194	6.172	6.220	VV	1625	35099	0.56%	0.032%	
65	6.240	6.220	6.258	VV	1713	28098	0.45%	0.026%	
66	6.313	6.258	6.383	VV	430265	4454451	70.88%	4.048%	
67	6.402	6.383	6.422	VV	1854	37764	0.60%	0.034%	
68	6.460	6.422	6.488	VV	6980	115832	1.84%	0.105%	
69	6.497	6.488	6.518	VV	1899	28620	0.46%	0.026%	
70	6.531	6.518	6.554	VV	2118	33670	0.54%	0.031%	
71	6.572	6.554	6.607	VV	1768	42981	0.68%	0.039%	
72	6.632	6.607	6.655	VV	2896	55843	0.89%	0.051%	
73	6.666	6.655	6.680	VV	1740	22163	0.35%	0.020%	
74	6.697	6.680	6.730	VV	1657	42000	0.67%	0.038%	
75	6.754	6.730	6.788	VV	2050	55508	0.88%	0.050%	
76	6.808	6.788	6.818	VV	3315	48342	0.77%	0.044%	
77	6.828	6.818	6.847	VV	3267	44156	0.70%	0.040%	
78	6.869	6.847	6.893	VV	3418	63782	1.01%	0.058%	
79	6.913	6.893	6.948	VV	3896	85506	1.36%	0.078%	
80	6.969	6.948	6.988	VV	3407	55285	0.88%	0.050%	
81	7.011	6.988	7.051	VV	7127	124872	1.99%	0.113%	
82	7.065	7.051	7.078	VV	2135	31848	0.51%	0.029%	
83	7.107	7.078	7.128	VV	3612	87579	1.39%	0.080%	
84	7.151	7.128	7.163	VV	2579	50163	0.80%	0.046%	
85	7.180	7.163	7.209	VV	3878	81834	1.30%	0.074%	
86	7.233	7.209	7.262	VV	21281	263286	4.19%	0.239%	
87	7.283	7.262	7.308	VV	2395	59647	0.95%	0.054%	
88	7.324	7.308	7.333	VV	2656	34706	0.55%	0.032%	
89	7.351	7.333	7.378	VV	2939	69795	1.11%	0.063%	

							Instrument : FID_C	
							ClientSampleId : SB-02MS	
rteres								
90	7.405	7.378	7.432	VV	5644	112443	1.79%	0.102%
91	7.446	7.432	7.468	VV	2173	41945	Manual IntegrationsAPPROVED	
92	7.494	7.468	7.529	VV	2958	87821		
93	7.568	7.529	7.584	VV	4482	99166	Reviewed By :Yogesh Patel 12/23/2024	
94	7.598	7.584	7.633	VV	3389	75977	Supervised By :Ankita Jodhani 12/27/2024	
95	7.656	7.633	7.672	VV	4725	75592		
96	7.687	7.672	7.698	VV	4132	55577	0.88%	0.051%
97	7.709	7.698	7.728	VV	4209	60604	0.96%	0.055%
98	7.752	7.728	7.772	VV	4566	85614	1.36%	0.078%
99	7.798	7.772	7.822	VV	7093	127104	2.02%	0.116%
100	7.854	7.822	7.877	VV	5280	109708	1.75%	0.100%
101	7.892	7.877	7.901	VV	2544	32034	0.51%	0.029%
102	7.923	7.901	7.947	VV	11696	155307	2.47%	0.141%
103	7.969	7.947	7.991	VV	2973	66747	1.06%	0.061%
104	8.010	7.991	8.029	VV	3470	61257	0.97%	0.056%
105	8.053	8.029	8.067	VV	2748	57165	0.91%	0.052%
106	8.104	8.067	8.136	VV	478896	5151108	81.97%	4.681%
107	8.149	8.136	8.175	VV	4481	76881	1.22%	0.070%
108	8.196	8.175	8.231	VV	3032	84613	1.35%	0.077%
109	8.251	8.231	8.272	VV	3449	66725	1.06%	0.061%
110	8.294	8.272	8.319	VV	2431	62906	1.00%	0.057%
111	8.338	8.319	8.359	VV	2081	46152	0.73%	0.042%
112	8.403	8.359	8.437	VV	5125	130058	2.07%	0.118%
113	8.455	8.437	8.491	VV	3241	80733	1.28%	0.073%
114	8.517	8.491	8.533	VV	2508	55748	0.89%	0.051%
115	8.549	8.533	8.574	VV	3089	55354	0.88%	0.050%
116	8.590	8.574	8.606	VV	2838	41538	0.66%	0.038%
117	8.637	8.606	8.664	VV	9191	143287	2.28%	0.130%
118	8.687	8.664	8.734	VV	2616	67768	1.08%	0.062%
119	8.758	8.734	8.767	VV	1342	22577	0.36%	0.021%
120	8.782	8.767	8.798	VV	1619	25971	0.41%	0.024%
121	8.820	8.798	8.839	VV	2561	42442	0.68%	0.039%
122	8.856	8.839	8.880	VV	1819	38443	0.61%	0.035%
123	8.921	8.880	8.985	VV	12172	206766	3.29%	0.188%
124	9.005	8.985	9.028	VV	1384	26860	0.43%	0.024%
125	9.056	9.028	9.084	VV	986	25327	0.40%	0.023%
126	9.112	9.084	9.128	VV	994	19435	0.31%	0.018%
127	9.160	9.128	9.190	VV	784	26620	0.42%	0.024%
128	9.218	9.190	9.261	VV	1008	27494	0.44%	0.025%
129	9.293	9.261	9.322	VV	2357	44151	0.70%	0.040%
130	9.339	9.322	9.361	VV	1187	18906	0.30%	0.017%
131	9.376	9.361	9.401	VV	872	15994	0.25%	0.015%
132	9.429	9.401	9.452	VV	1189	23359	0.37%	0.021%
133	9.478	9.452	9.509	VV	2841	38639	0.61%	0.035%
134	9.532	9.509	9.555	VV	439	8720	0.14%	0.008%
135	9.629	9.555	9.663	VV	639	25554	0.41%	0.023%
136	9.700	9.663	9.881	VV	481081	5344060	85.04%	4.857%
137	9.889	9.881	9.920	VV	282	4075	0.06%	0.004%
138	9.934	9.920	9.954	VV	179	3115	0.05%	0.003%
139	9.972	9.954	9.990	VV	249	3547	0.06%	0.003%
140	10.018	9.990	10.028	VV	268	4229	0.07%	0.004%
141	10.045	10.028	10.055	VV	265	3897	0.06%	0.004%

Instrument : FID_C									
ClientSampleId : SB-02MS									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 12/23/2024									
Supervised By :Ankita Jodhani 12/27/2024									
					rters				
142	10.084	10.055	10.108	VV	728	14110	0.22%	0.013%	
143	10.131	10.108	10.150	VV	396	6533			
144	10.175	10.150	10.218	VV	279	7546			
145	10.233	10.218	10.271	VV	179	3592			
146	10.297	10.271	10.309	VV	221	3363			
147	10.328	10.309	10.345	VV	238	3972			
148	10.372	10.345	10.394	VV	365	7302	0.12%	0.007%	
149	10.433	10.394	10.471	VV	1088	22884	0.36%	0.021%	
150	10.514	10.471	10.534	VV	532	12912	0.21%	0.012%	
151	10.560	10.534	10.598	VV	639	11012	0.18%	0.010%	
152	10.611	10.598	10.638	VV	132	2507	0.04%	0.002%	
153	10.661	10.638	10.700	VV	194	3807	0.06%	0.003%	
154	10.719	10.700	10.732	PV	124	1498	0.02%	0.001%	
155	10.759	10.732	10.791	VV	344	6205	0.10%	0.006%	
156	10.808	10.791	10.841	VV	411	7668	0.12%	0.007%	
157	10.855	10.841	10.878	VV	345	5244	0.08%	0.005%	
158	10.887	10.878	10.918	VV	213	2861	0.05%	0.003%	
159	10.940	10.918	10.973	VV	1699	21165	0.34%	0.019%	
160	10.997	10.973	11.033	VV	94	2482	0.04%	0.002%	
161	11.067	11.033	11.097	VV	1523	20953	0.33%	0.019%	
162	11.139	11.097	11.212	VV	468942	5496829	87.47%	4.995%	
163	11.228	11.212	11.307	VV	662	16346	0.26%	0.015%	
164	11.331	11.307	11.354	VV	203	3767	0.06%	0.003%	
165	11.360	11.354	11.392	VV	149	2400	0.04%	0.002%	
166	11.426	11.392	11.483	PV	263	8867	0.14%	0.008%	
167	11.495	11.483	11.504	VV	211	2222	0.04%	0.002%	
168	11.524	11.504	11.535	VV	424	5086	0.08%	0.005%	
169	11.550	11.535	11.571	VV	401	6611	0.11%	0.006%	
170	11.589	11.571	11.641	VV	382	9359	0.15%	0.009%	
171	11.651	11.641	11.665	VV	119	1340	0.02%	0.001%	
172	11.804	11.665	11.831	VV	745	23837	0.38%	0.022%	
173	11.851	11.831	11.868	VV	240	4218	0.07%	0.004%	
174	11.889	11.868	11.911	VV	208	3967	0.06%	0.004%	
175	11.938	11.911	11.984	VV	261	7826	0.12%	0.007%	
176	12.019	11.984	12.055	VV	488	12705	0.20%	0.012%	
177	12.078	12.055	12.104	VV	512	9674	0.15%	0.009%	
178	12.122	12.104	12.168	VV	355	9789	0.16%	0.009%	
179	12.177	12.168	12.194	VV	126	1867	0.03%	0.002%	
180	12.267	12.194	12.291	VV	1590	32636	0.52%	0.030%	
181	12.304	12.291	12.351	VV	903	12832	0.20%	0.012%	
182	12.382	12.351	12.408	VV	909	12551	0.20%	0.011%	
183	12.445	12.408	12.541	VV	458132	5537130	88.11%	5.032%	
184	12.560	12.541	12.648	VV	482	12276	0.20%	0.011%	
185	12.653	12.648	12.665	VV	77	554	0.01%	0.001%	
186	12.763	12.665	12.782	VV	197	8130	0.13%	0.007%	
187	12.812	12.782	12.824	PV	182	3115	0.05%	0.003%	
188	12.887	12.824	12.971	VV	435486	5285189	84.10%	4.803%	
189	12.996	12.971	13.014	VV	417	9035	0.14%	0.008%	
190	13.056	13.014	13.165	VV	420290	5252480	83.58%	4.773%	
191	13.174	13.165	13.190	VV	285	2647	0.04%	0.002%	
192	13.219	13.190	13.238	VV	181	3513	0.06%	0.003%	
193	13.335	13.238	13.382	VV	257	15041	0.24%	0.014%	
194	13.406	13.382	13.413	VV	242	2572	0.04%	0.002%	

							Instrument : FID_C		A	
							ClientSampleId : SB-02MS			
rteres									Manual IntegrationsAPPROVED Reviewed By :Yogesh Patel 12/23/2024 Supervised By :Ankita Jodhani 12/27/2024	B C D E F G H I J
195	13.431	13.413	13.448	VV	526	6574	0.10%	0.006%		
196	13.481	13.448	13.537	VV	809	17797				
197	13.584	13.537	13.601	VV	941	13062				
198	13.641	13.601	13.754	VV	414027	5162535	82			
199	13.765	13.754	13.811	VV	192	3025				
200	13.863	13.811	13.875	PV	221	4136				
201	13.888	13.875	13.951	VV	2087	8785	0.14%	0.008%		
202	13.969	13.951	13.979	VV	79	967	0.02%	0.001%		
203	14.002	13.979	14.010	PV	114	1033	0.02%	0.001%		
204	14.071	14.010	14.113	VV	1292	22870	0.36%	0.021%		
205	14.197	14.113	14.231	VV	1127	20454	0.33%	0.019%		
206	14.261	14.231	14.278	VV	207	2963	0.05%	0.003%		
207	14.360	14.278	14.384	PV	199	5964	0.09%	0.005%		
208	14.401	14.384	14.438	VV	187	3869	0.06%	0.004%		
209	14.444	14.438	14.464	VV	141	1341	0.02%	0.001%		
210	14.597	14.464	14.634	VV	258	11469	0.18%	0.010%		
211	14.652	14.634	14.663	VV	136	1474	0.02%	0.001%		
212	14.741	14.663	14.838	PV	384576	4992641	79.44%	4.537%		
213	14.852	14.838	14.862	VV	148	1750	0.03%	0.002%		
214	14.944	14.862	14.963	VV	218	8380	0.13%	0.008%		
215	14.977	14.963	14.995	VV	174	2657	0.04%	0.002%		
216	15.003	14.995	15.034	VV	154	1823	0.03%	0.002%		
217	15.043	15.034	15.061	PV	143	995	0.02%	0.001%		
218	15.076	15.061	15.091	VV	133	1773	0.03%	0.002%		
219	15.099	15.091	15.104	VV	87	592	0.01%	0.001%		
220	15.159	15.104	15.199	VV	327	11564	0.18%	0.011%		
221	15.209	15.199	15.224	VV	102	1414	0.02%	0.001%		
222	15.257	15.224	15.292	VV	2321	34942	0.56%	0.032%		
223	15.305	15.292	15.371	VV	310	7981	0.13%	0.007%		
224	15.382	15.371	15.388	VV	107	599	0.01%	0.001%		
225	15.395	15.388	15.407	VV	90	859	0.01%	0.001%		
226	15.448	15.407	15.463	PV	287	6407	0.10%	0.006%		
227	15.486	15.463	15.527	VV	198	5296	0.08%	0.005%		
228	15.568	15.527	15.601	VV	310	7990	0.13%	0.007%		
229	15.631	15.601	15.678	VV	256	6987	0.11%	0.006%		
230	15.760	15.678	15.875	VV	366816	4831102	76.87%	4.390%		
231	15.935	15.875	15.958	VV	236	6732	0.11%	0.006%		
232	16.071	15.958	16.085	VV	194	5247	0.08%	0.005%		
233	16.118	16.085	16.132	VV	231	3907	0.06%	0.004%		
234	16.142	16.132	16.181	VV	122	1225	0.02%	0.001%		
235	16.238	16.181	16.268	PV	2893	41189	0.66%	0.037%		
236	16.283	16.268	16.308	VV	198	3339	0.05%	0.003%		
237	16.315	16.308	16.338	VV	405	2454	0.04%	0.002%		
238	16.408	16.338	16.488	PV	284	8390	0.13%	0.008%		
239	16.541	16.488	16.561	PV	111	3195	0.05%	0.003%		
240	16.591	16.561	16.638	VV	542	10832	0.17%	0.010%		
241	16.708	16.638	16.780	VV	352781	4703445	74.84%	4.274%		
242	16.936	16.780	16.950	VV	98	8170	0.13%	0.007%		
243	17.040	16.950	17.061	PV	148	6311	0.10%	0.006%		
244	17.153	17.061	17.194	PV	3982	58840	0.94%	0.053%		
245	17.262	17.194	17.278	PV	222	4616	0.07%	0.004%		
246	17.482	17.278	17.518	VV	3698	52328	0.83%	0.048%		

247	17.593	17.518	17.657	PV	335100	4720282	75.11% 4.290%
248	17.872	17.657	17.894	VV	345	5815	
249	18.012	17.894	18.051	PV	4976	71255	
250	18.424	18.051	18.485	PV	330710	4647066	73.11% 4.290%
251	18.818	18.485	18.861	PV	4231	64818	1.139%
252	19.206	18.861	19.261	PV	320947	4662282	74.11% 4.290%
253	19.579	19.261	19.604	VV	5429	472668	7.52% 0.430%
254	19.945	19.604	19.988	VV	299557	5543854	88.21% 5.038%
255	20.299	19.988	20.328	VV	12322	1816150	28.90% 1.651%
256	20.476	20.328	20.493	VV	14198	1253087	19.94% 1.139%
257	20.661	20.493	20.713	VV	261744	6235523	99.22% 5.667%
258	20.845	20.713	20.953	VV	14129	2018729	32.12% 1.835%
259	20.986	20.953	21.024	VV	12815	538904	8.58% 0.490%
260	21.066	21.024	21.124	VV	12302	703292	11.19% 0.639%
261	21.291	21.124	21.313	VV	9658	1156907	18.41% 1.051%
262	21.530	21.313	21.791	VV	198275	6284495	100.00% 5.711%
263	21.799	21.791	22.024	VV	4346	414044	6.59% 0.376%
264	22.051	22.024	22.148	VV	1427	61791	0.98% 0.056%
Sum of corrected areas:						110036315	

Instrument :

FID_C

ClientSampleId :

SB-02MS

Manual IntegrationsAPPROVED

 Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :Ankita Jodhani 12/27/2024

Aliphatic EPH 121024.M Sat Dec 21 02:43:20 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048906.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 16:26
 Operator : YP/AJ
 Sample : P5299-04MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

SB-02MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 21 04:05:41 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M

Quant Title : GC Extractables

Qlast Update : Tue Dec 10 06:07:50 2024

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...	7.361	10012703	59.445 ug/ml
Spiked Amount 50.000		Recovery =	118.89%
6) S 2-Fluorobiphenyl (SURR)	8.212	6489680	62.819 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	125.64%
11) S ortho-Terphenyl (SURR)	11.245	6211910	34.965 ug/ml
Spiked Amount 50.000		Recovery =	69.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.184	6584574	34.777 ug/ml
2) T Naphthalene (C11.7)	5.701	7256934	37.978 ug/ml
3) T 2-Methylnaphthalene (...)	6.747	6985047	37.802 ug/ml
5) T Acenaphthylene (C15.06)	8.013	7826476	41.935 ug/ml
7) T Acenaphthene (C15.5)	8.309	8543432	45.874 ug/ml
8) T Flouorene (C16.55)	9.087	8508422	47.616 ug/ml
9) T Phenanthrene (C19.36)	10.474	8579585	51.367 ug/ml
10) T Anthracene (C19.43)	10.551	8672415	51.098 ug/ml
12) T Fluoranthene (C21.85)	12.281	8549657	52.232 ug/mlm
13) T Pyrene (C20.8)	12.573	8446838	51.935 ug/ml
14) T Benzo[a]anthracene (C...	14.443	7761048	58.747 ug/ml
15) T Chrysene (C27.41)	14.486	7667487	47.494 ug/ml
16) T benzo[b]fluoranthene ...	15.992	7752671	57.586 ug/ml
17) T Bnezo[k]fluoranthene ...	16.026	7983197	52.411 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.369	7568353	54.720 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.736	7614643	71.452 ug/ml
20) T Dibenz[a,h]anthracene...	17.772	7354473	50.711 ug/ml
21) T Benzo[g,h,i]perylene ...	17.988	7490086	53.421 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
Data File : FD048906.D
Signal(s) : FID2B.ch
Acq On : 20 Dec 2024 16:26
Operator : YP/AJ
Sample : P5299-04MS
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

SB-02MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 21 04:05:41 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 06:07:50 2024

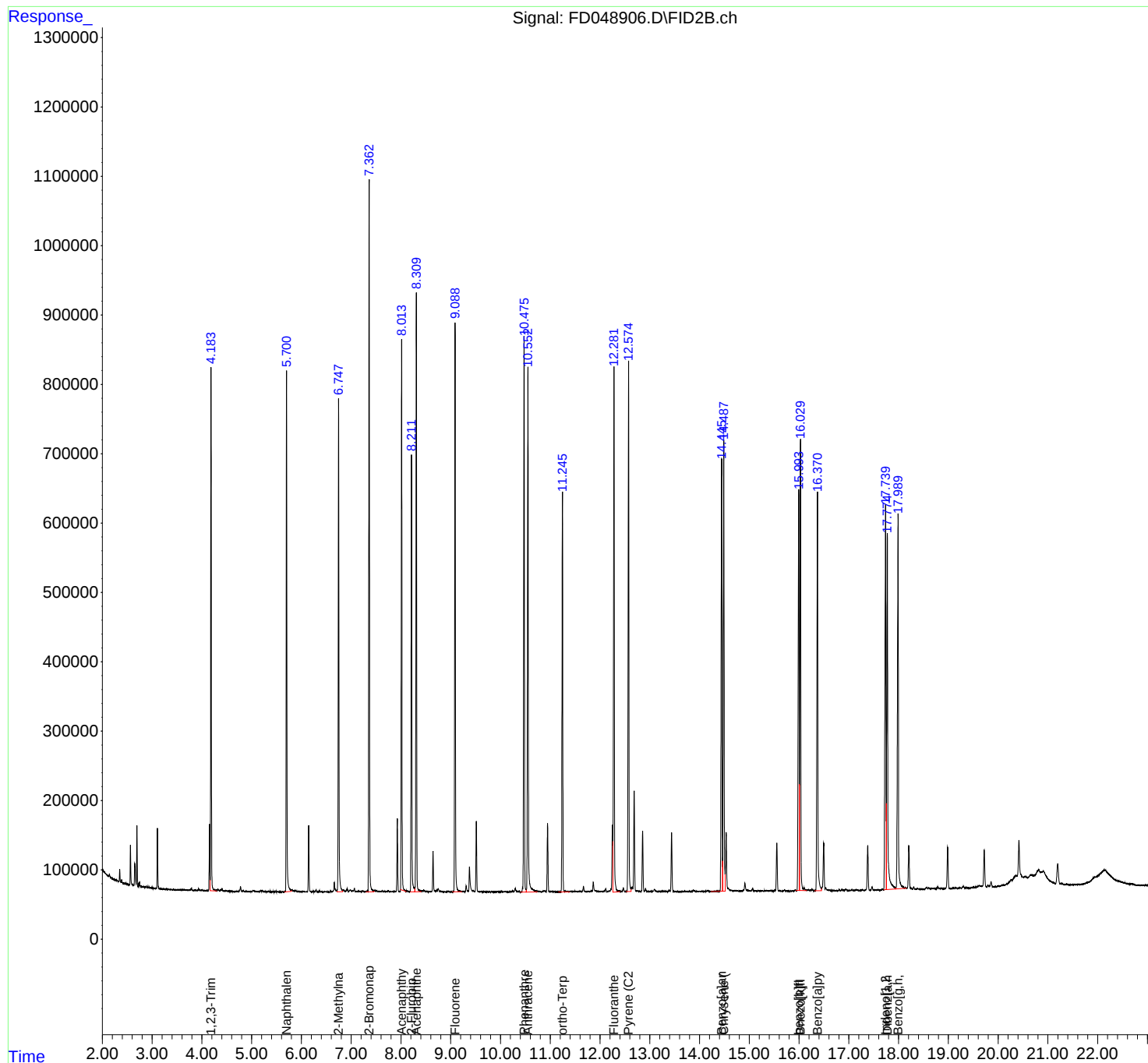
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm



Instrument :

FID_D

ClientSampleId :

SB-02MS

rteres

Area Percent

Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data
 Data File : FD048906.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 16:26
 Sample : P5299-04MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH
 121024.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	4.071	BV	293	2256	0.02%	0.001%
2	4.079	4.071	4.101	PV	209	2852	0.03%	0.002%
3	4.106	4.101	4.109	VV	306	1236	0.01%	0.001%
4	4.115	4.109	4.129	VV	317	2402	0.02%	0.001%
5	4.153	4.129	4.166	VV	96011	849075	8.47%	0.459%
6	4.183	4.166	4.257	VV	754064	6564870	65.49%	3.551%
7	4.261	4.257	4.298	VV	1800	26847	0.27%	0.015%
8	4.321	4.298	4.360	VV	3273	57490	0.57%	0.031%
9	4.375	4.360	4.388	VV	2531	28132	0.28%	0.015%
10	4.405	4.388	4.445	VV	4372	53846	0.54%	0.029%
11	4.451	4.445	4.457	VV	372	1916	0.02%	0.001%
12	4.482	4.457	4.504	VV	1089	17542	0.18%	0.009%
13	4.513	4.504	4.548	VV	605	10991	0.11%	0.006%
14	4.559	4.548	4.569	VV	492	3420	0.03%	0.002%
15	4.590	4.569	4.635	VV	892	17350	0.17%	0.009%
16	4.660	4.645	4.679	PV	513	5240	0.05%	0.003%
17	4.696	4.679	4.705	VV	628	7263	0.07%	0.004%
18	4.715	4.705	4.725	VV	565	5083	0.05%	0.003%
19	4.731	4.725	4.739	VV	510	3473	0.03%	0.002%
20	4.776	4.739	4.813	VV	7371	112682	1.12%	0.061%
21	4.833	4.813	4.877	VV	1865	28153	0.28%	0.015%
22	4.886	4.877	4.912	VV	599	8777	0.09%	0.005%
23	4.923	4.912	4.928	VV	383	2454	0.02%	0.001%
24	4.958	4.928	4.967	VV	446	7102	0.07%	0.004%
25	4.971	4.967	4.981	VV	394	3134	0.03%	0.002%

rteres								
26	4.987	4.981	5.004	VV	670			
27	5.027	5.004	5.090	VV	2444			
28	5.097	5.090	5.114	VV	569			
29	5.116	5.114	5.122	VV	435			
30	5.128	5.122	5.131	VV	409			
31	5.137	5.131	5.160	VV	796	6808	0.07%	0.004%
32	5.181	5.160	5.199	VV	2542	30702	0.31%	0.017%
33	5.216	5.199	5.254	VV	2661	34427	0.34%	0.019%
34	5.268	5.254	5.304	VV	952	15147	0.15%	0.008%
35	5.315	5.304	5.327	VV	437	4012	0.04%	0.002%
36	5.341	5.327	5.369	VV	994	14884	0.15%	0.008%
37	5.373	5.369	5.389	VV	887	4078	0.04%	0.002%
38	5.422	5.405	5.446	PV	622	6488	0.06%	0.004%
39	5.466	5.446	5.504	VV	698	12223	0.12%	0.007%
40	5.521	5.504	5.537	VV	468	6006	0.06%	0.003%
41	5.545	5.537	5.557	VV	330	2788	0.03%	0.002%
42	5.560	5.557	5.567	VV	193	1171	0.01%	0.001%
43	5.570	5.567	5.574	VV	226	1053	0.01%	0.001%
44	5.579	5.574	5.587	VV	412	1856	0.02%	0.001%
45	5.594	5.587	5.602	VV	207	1164	0.01%	0.001%
46	5.618	5.602	5.635	VV	473	4632	0.05%	0.003%
47	5.642	5.635	5.658	VV	350	2886	0.03%	0.002%
48	5.701	5.658	5.799	VV	749986	7299792	72.82%	3.948%
49	5.812	5.799	5.855	VV	3428	73471	0.73%	0.040%
50	5.877	5.855	5.919	VV	2327	53284	0.53%	0.029%
51	5.943	5.919	5.965	VV	1275	21052	0.21%	0.011%
52	5.970	5.965	5.987	VV	614	5595	0.06%	0.003%
53	5.993	5.987	6.007	VV	474	3561	0.04%	0.002%
54	6.027	6.007	6.034	VV	702	6719	0.07%	0.004%
55	6.037	6.034	6.051	VV	717	5948	0.06%	0.003%
56	6.058	6.051	6.097	VV	629	8465	0.08%	0.005%
57	6.102	6.097	6.107	VV	391	1684	0.02%	0.001%
58	6.113	6.107	6.124	VV	383	2838	0.03%	0.002%
59	6.231	6.210	6.252	VV	1204	14973	0.15%	0.008%
60	6.269	6.252	6.276	VV	946	7611	0.08%	0.004%
61	6.296	6.276	6.313	VV	3113	34795	0.35%	0.019%
62	6.324	6.313	6.352	VV	611	7912	0.08%	0.004%
63	6.367	6.352	6.386	PV	1181	13951	0.14%	0.008%
64	6.395	6.386	6.404	VV	593	4212	0.04%	0.002%
65	6.408	6.404	6.420	VV	356	2556	0.03%	0.001%
66	6.428	6.420	6.445	VV	299	2870	0.03%	0.002%
67	6.460	6.445	6.500	VV	776	13958	0.14%	0.008%
68	6.504	6.500	6.514	VV	373	2009	0.02%	0.001%
69	6.536	6.514	6.559	VV	353	6737	0.07%	0.004%

Instrument :

FID_D

ClientSampleId :

SB-02MS

4170 0.04% 0.002%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

						Instrument : FID_D ClientSampleId : SB-02MS		
70	6.584	6.559	6.602	VV	1524	17306	0.17%	0.009%
71	6.748	6.717	6.829	VV	708337	Manual IntegrationsAPPROVED		
72	6.844	6.829	6.878	VV	2993	Reviewed By :Yogesh Patel 12/23/2024 Supervised By :Ankita Jodhani 12/27/2024		
73	6.921	6.878	6.947	VV	4999			
74	7.031	7.019	7.047	VV	2071			
75	7.064	7.047	7.087	VV	5616	68060	0.68%	0.037%
76	7.122	7.087	7.137	VV	1185	28548	0.28%	0.015%
77	7.151	7.137	7.172	VV	1602	22707	0.23%	0.012%
78	7.233	7.205	7.260	VV	1836	33074	0.33%	0.018%
79	7.271	7.260	7.283	VV	729	7916	0.08%	0.004%
80	7.290	7.283	7.300	VV	859	5095	0.05%	0.003%
81	7.324	7.300	7.335	VV	2084	26534	0.26%	0.014%
82	7.362	7.335	7.459	VV	1029103	10023906	100.00%	5.422%
83	7.472	7.459	7.502	VV	2385	51172	0.51%	0.028%
84	7.516	7.502	7.532	VV	1667	27278	0.27%	0.015%
85	7.542	7.532	7.565	VV	1301	21205	0.21%	0.011%
86	7.582	7.565	7.601	VV	1130	18486	0.18%	0.010%
87	7.626	7.601	7.656	VV	2205	35273	0.35%	0.019%
88	7.660	7.656	7.669	VV	663	4524	0.05%	0.002%
89	7.680	7.669	7.703	VV	1205	16766	0.17%	0.009%
90	7.716	7.703	7.725	VV	764	9001	0.09%	0.005%
91	7.748	7.725	7.772	VV	2441	32802	0.33%	0.018%
92	7.805	7.800	7.818	VV	703	5558	0.06%	0.003%
93	7.835	7.818	7.854	VV	1243	17048	0.17%	0.009%
94	7.862	7.854	7.882	VV	1039	12168	0.12%	0.007%
95	7.978	7.959	7.984	VV	826	11830	0.12%	0.006%
96	8.013	7.984	8.112	VV	797480	7999822	79.81%	4.327%
97	8.121	8.112	8.142	VV	1592	21085	0.21%	0.011%
98	8.155	8.142	8.169	VV	1221	15579	0.16%	0.008%
99	8.173	8.169	8.185	VV	717	5907	0.06%	0.003%
100	8.212	8.185	8.267	VV	631259	6473368	64.58%	3.501%
101	8.272	8.267	8.281	VV	6016	48263	0.48%	0.026%
102	8.309	8.281	8.373	VV	862655	8544377	85.24%	4.622%
103	8.378	8.373	8.402	VV	2476	33139	0.33%	0.018%
104	8.413	8.402	8.430	VV	1885	29152	0.29%	0.016%
105	8.459	8.430	8.509	VV	3318	78824	0.79%	0.043%
106	8.521	8.509	8.550	VV	1080	15304	0.15%	0.008%
107	8.574	8.550	8.597	VV	825	15187	0.15%	0.008%
108	8.601	8.597	8.616	VV	660	6987	0.07%	0.004%
109	8.644	8.616	8.705	VV	58958	644644	6.43%	0.349%
110	8.721	8.705	8.730	VV	2296	27495	0.27%	0.015%
111	8.748	8.730	8.779	VV	4310	79111	0.79%	0.043%
112	8.795	8.779	8.818	VV	1944	30005	0.30%	0.016%

rteres									
113	8.832	8.818	8.849	VV	1017	13178	0.13%	0.007%	
114	8.854	8.849	8.857	VV	389				
115	8.861	8.857	8.865	VV	428				
116	8.878	8.865	8.903	VV	737				
117	8.937	8.903	8.955	VV	1099				
118	8.961	8.955	8.995	VV	863	11944	0.12%	0.006%	
119	9.022	9.004	9.029	PV	627	4905	0.05%	0.003%	
120	9.050	9.029	9.058	VV	896	9573	0.10%	0.005%	
121	9.088	9.058	9.199	VV	822914	8545159	85.25%	4.622%	
122	9.205	9.199	9.228	VV	1503	19541	0.19%	0.011%	
123	9.245	9.228	9.265	VV	1236	19600	0.20%	0.011%	
124	9.274	9.265	9.281	VV	878	6521	0.07%	0.004%	
125	9.310	9.281	9.359	VV	9191	150683	1.50%	0.082%	
126	9.377	9.359	9.454	VV	36677	559893	5.59%	0.303%	
127	9.460	9.454	9.489	VV	1566	25436	0.25%	0.014%	
128	9.515	9.489	9.572	VV	102300	1105344	11.03%	0.598%	
129	9.590	9.572	9.597	VV	694	8327	0.08%	0.005%	
130	9.603	9.597	9.611	VV	613	4268	0.04%	0.002%	
131	9.617	9.611	9.643	VV	477	7095	0.07%	0.004%	
132	9.652	9.643	9.676	VV	375	5277	0.05%	0.003%	
133	9.682	9.676	9.700	VV	444	4060	0.04%	0.002%	
134	9.717	9.700	9.736	VV	340	4441	0.04%	0.002%	
135	9.742	9.736	9.752	VV	392	2974	0.03%	0.002%	
136	9.768	9.752	9.774	VV	428	4676	0.05%	0.003%	
137	9.790	9.774	9.805	VV	516	5482	0.05%	0.003%	
138	9.831	9.805	9.846	VV	633	10540	0.11%	0.006%	
139	9.886	9.846	9.890	VV	434	8157	0.08%	0.004%	
140	9.902	9.890	9.927	VV	542	9283	0.09%	0.005%	
141	9.940	9.927	9.963	VV	674	10158	0.10%	0.005%	
142	9.969	9.963	9.984	VV	442	3988	0.04%	0.002%	
143	9.989	9.984	9.993	VV	393	1683	0.02%	0.001%	
144	9.995	9.993	10.003	VV	356	1785	0.02%	0.001%	
145	10.019	10.003	10.041	VV	1081	12377	0.12%	0.007%	
146	10.054	10.041	10.065	VV	358	3937	0.04%	0.002%	
147	10.089	10.065	10.099	VV	777	10231	0.10%	0.006%	
148	10.106	10.099	10.121	VV	687	8052	0.08%	0.004%	
149	10.131	10.121	10.155	VV	680	8978	0.09%	0.005%	
150	10.187	10.155	10.201	VV	710	12739	0.13%	0.007%	
151	10.241	10.201	10.270	VV	1466	38810	0.39%	0.021%	
152	10.297	10.270	10.350	VV	5142	101419	1.01%	0.055%	
153	10.373	10.350	10.396	VV	1687	23495	0.23%	0.013%	
154	10.475	10.396	10.521	VV	802331	8588488	85.68%	4.646%	
155	10.552	10.521	10.691	VV	755431	8661884	86.41%	4.685%	

Instrument :

FID_D

ClientSampleId :

SB-02MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

rteres

156	10.695	10.691	10.739	VV	1951
157	10.755	10.739	10.810	VV	1379
158	10.815	10.810	10.835	VV	513
159	10.854	10.835	10.861	VV	1242
160	10.878	10.861	10.910	VV	2079

161	10.947	10.910	11.004	VV	98912
162	11.036	11.004	11.062	VV	886
163	11.068	11.062	11.073	VV	587
164	11.078	11.073	11.114	VV	517
165	11.117	11.114	11.141	VV	520

166	11.159	11.141	11.176	VV	327
167	11.192	11.176	11.213	VV	632
168	11.245	11.213	11.308	PV	577440
169	11.315	11.308	11.320	VV	906
170	11.332	11.320	11.354	VV	1054

171	11.363	11.354	11.392	VV	1136
172	11.419	11.392	11.448	VV	1537
173	11.464	11.448	11.480	VV	972
174	11.492	11.480	11.496	VV	1198
175	11.501	11.496	11.550	VV	958

176	11.582	11.550	11.590	VV	896
177	11.608	11.590	11.626	VV	1445
178	11.635	11.626	11.644	VV	957
179	11.668	11.644	11.734	VV	8217
180	11.749	11.734	11.753	VV	758

181	11.763	11.753	11.791	VV	1064
182	11.825	11.791	11.843	VV	1484
183	11.864	11.843	11.907	VV	14484
184	11.913	11.907	11.932	VV	1835
185	11.942	11.932	11.970	VV	1310

186	11.976	11.970	12.002	VV	1091
187	12.018	12.002	12.040	VV	861
188	12.084	12.040	12.093	VV	1416
189	12.114	12.093	12.139	VV	4602
190	12.152	12.139	12.163	VV	804

191	12.186	12.163	12.199	VV	1723
192	12.217	12.199	12.224	VV	4467
193	12.249	12.224	12.257	VV	96610
194	12.281	12.257	12.359	VV	756618
195	12.363	12.359	12.370	VV	1672

196	12.374	12.370	12.377	VV	1627
197	12.386	12.377	12.424	VV	1701
198	12.438	12.424	12.451	VV	890
199	12.469	12.451	12.519	VV	6105

Instrument :

FID_D

ClientSampleId :

SB-02MS

40729 0.41% 0.022%

Manual IntegrationsAPPROVED

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1135762	11.33%	0.614%
24105	0.24%	0.013%
3668	0.04%	0.002%
9760	0.10%	0.005%
4733	0.05%	0.003%

4419	0.04%	0.002%
3459	0.03%	0.002%
6197254	61.82%	3.352%
6229	0.06%	0.003%
17178	0.17%	0.009%

16494	0.16%	0.009%
30445	0.30%	0.016%
14895	0.15%	0.008%
7575	0.08%	0.004%
20479	0.20%	0.011%

15214	0.15%	0.008%
25061	0.25%	0.014%
8960	0.09%	0.005%
125978	1.26%	0.068%
7766	0.08%	0.004%

17881	0.18%	0.010%
31303	0.31%	0.017%
208124	2.08%	0.113%
22122	0.22%	0.012%
23054	0.23%	0.012%

11908	0.12%	0.006%
14512	0.14%	0.008%
27731	0.28%	0.015%
64893	0.65%	0.035%
9603	0.10%	0.005%

25253	0.25%	0.014%
42330	0.42%	0.023%
999892	9.98%	0.541%
8614255	85.94%	4.659%
10526	0.11%	0.006%

6535	0.07%	0.004%
31018	0.31%	0.017%
13039	0.13%	0.007%
89051	0.89%	0.048%

200	12.574	12.519	12.627	VV	768987	8493637	84.73%	4.594%
201	12.644	12.627	12.660	VV	7341			
202	12.686	12.660	12.742	VV	145695	1		
203	12.767	12.742	12.794	VV	1442			
204	12.795	12.794	12.805	VV	878			
205	12.818	12.805	12.825	VV	832	8516	0.08%	0.005%
206	12.857	12.825	12.892	VV	87739	1042744	10.40%	0.564%
207	12.914	12.892	12.953	VV	4737	78904	0.79%	0.043%
208	12.960	12.953	12.990	VV	932	16875	0.17%	0.009%
209	12.999	12.990	13.005	VV	691	5341	0.05%	0.003%
210	13.012	13.005	13.021	VV	712	5669	0.06%	0.003%
211	13.025	13.021	13.030	VV	667	3547	0.04%	0.002%
212	13.092	13.030	13.183	VV	3867	119028	1.19%	0.064%
213	13.191	13.183	13.205	VV	662	7741	0.08%	0.004%
214	13.210	13.205	13.218	VV	568	4187	0.04%	0.002%
215	13.232	13.218	13.237	VV	780	6582	0.07%	0.004%
216	13.242	13.237	13.249	VV	834	5227	0.05%	0.003%
217	13.268	13.249	13.300	VV	1140	26298	0.26%	0.014%
218	13.310	13.300	13.317	VV	1013	8378	0.08%	0.005%
219	13.318	13.317	13.349	VV	990	11079	0.11%	0.006%
220	13.391	13.349	13.410	VV	2093	39462	0.39%	0.021%
221	13.439	13.410	13.492	VV	85358	1034042	10.32%	0.559%
222	13.500	13.492	13.517	VV	644	4670	0.05%	0.003%
223	13.525	13.517	13.542	VV	447	3660	0.04%	0.002%
224	13.546	13.542	13.548	VV	378	1094	0.01%	0.001%
225	13.553	13.548	13.597	VV	394	4882	0.05%	0.003%
226	13.646	13.604	13.658	VV	437	7666	0.08%	0.004%
227	13.666	13.658	13.676	VV	547	4352	0.04%	0.002%
228	13.695	13.676	13.734	VV	948	18975	0.19%	0.010%
229	13.739	13.734	13.744	VV	427	2428	0.02%	0.001%
230	13.760	13.744	13.770	VV	557	5980	0.06%	0.003%
231	13.792	13.770	13.815	VV	645	14426	0.14%	0.008%
232	13.829	13.815	13.845	VV	749	10713	0.11%	0.006%
233	13.873	13.845	13.939	VV	1751	51984	0.52%	0.028%
234	13.944	13.939	13.960	VV	663	6968	0.07%	0.004%
235	13.965	13.960	13.975	VV	514	3742	0.04%	0.002%
236	13.998	13.975	14.030	VV	817	15753	0.16%	0.009%
237	14.044	14.030	14.052	VV	556	6132	0.06%	0.003%
238	14.057	14.052	14.073	VV	452	4778	0.05%	0.003%
239	14.095	14.073	14.113	VV	724	12213	0.12%	0.007%
240	14.127	14.113	14.135	VV	743	7201	0.07%	0.004%
241	14.159	14.135	14.200	VV	1291	32973	0.33%	0.018%
242	14.208	14.200	14.225	VV	748	5774	0.06%	0.003%

Instrument :

FID_D

ClientSampleId :

SB-02MS

Manual IntegrationsAPPROVED

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 Supervised By :Ankita Jodhani 12/27/2024

243	14.229	14.225	14.235	VV	282			
244	14.254	14.235	14.270	VV	508			
245	14.287	14.270	14.329	VV	498			
246	14.345	14.329	14.362	VV	597			
247	14.369	14.362	14.379	VV	560			
248	14.382	14.379	14.393	VV	647			
249	14.397	14.393	14.406	VV	675			
250	14.445	14.406	14.463	VV	624102	7716058	76.98%	4.174%
251	14.487	14.463	14.515	VV	650489	7731393	77.13%	4.182%
252	14.535	14.515	14.569	VV	85486	1233340	12.30%	0.667%
253	14.579	14.569	14.628	VV	4770	107569	1.07%	0.058%
254	14.634	14.628	14.639	VV	1853	11684	0.12%	0.006%
255	14.643	14.639	14.690	VV	1760	39814	0.40%	0.022%
256	14.707	14.690	14.720	VV	1350	21737	0.22%	0.012%
257	14.728	14.720	14.784	VV	1310	35370	0.35%	0.019%
258	14.795	14.784	14.816	VV	868	10690	0.11%	0.006%
259	14.837	14.816	14.849	VV	804	12582	0.13%	0.007%
260	14.853	14.849	14.862	VV	647	4896	0.05%	0.003%
261	14.882	14.862	14.888	VV	2197	24222	0.24%	0.013%
262	14.911	14.888	14.953	VV	12269	213660	2.13%	0.116%
263	14.957	14.953	15.024	VV	2186	57496	0.57%	0.031%
264	15.029	15.024	15.033	VV	800	3868	0.04%	0.002%
265	15.066	15.033	15.097	VV	4169	72271	0.72%	0.039%
266	15.113	15.097	15.142	VV	877	16375	0.16%	0.009%
267	15.146	15.142	15.150	VV	498	2118	0.02%	0.001%
268	15.163	15.150	15.178	VV	658	8866	0.09%	0.005%
269	15.195	15.178	15.209	VV	778	11048	0.11%	0.006%
270	15.213	15.209	15.229	VV	680	5280	0.05%	0.003%
271	15.250	15.229	15.275	VV	912	17681	0.18%	0.010%
272	15.279	15.275	15.294	VV	517	3850	0.04%	0.002%
273	15.355	15.294	15.390	VV	1133	43264	0.43%	0.023%
274	15.435	15.390	15.444	VV	1263	28378	0.28%	0.015%
275	15.447	15.444	15.466	VV	1091	9389	0.09%	0.005%
276	15.472	15.466	15.492	VV	748	7618	0.08%	0.004%
277	15.512	15.492	15.522	VV	1400	18191	0.18%	0.010%
278	15.553	15.522	15.587	VV	69733	929070	9.27%	0.503%
279	15.607	15.587	15.668	VV	1168	25514	0.25%	0.014%
280	15.708	15.668	15.733	PV	1737	29843	0.30%	0.016%
281	15.753	15.733	15.772	VV	797	11963	0.12%	0.006%
282	15.777	15.772	15.800	VV	372	2901	0.03%	0.002%
283	15.819	15.813	15.832	PV	183	1239	0.01%	0.001%
284	15.835	15.832	15.857	VV	456	1898	0.02%	0.001%
285	15.870	15.857	15.880	VV	379	2970	0.03%	0.002%

Instrument :

FID_D

ClientSampleId :

SB-02MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

rteres					Instrument : FID_D ClientSampleId : SB-02MS		
286	15.921	15.880	15.955	VV	1725	33648	0.34% 0.018%
287	15.993	15.955	16.008	VV	578580	Manual IntegrationsAPPROVED	
288	16.028	16.008	16.090	VV	651172	Reviewed By :Yogesh Patel 12/23/2024 Supervised By :Ankita Jodhani 12/27/2024	
289	16.105	16.090	16.160	VV	4256		
290	16.181	16.160	16.210	VV	1713		
291	16.223	16.210	16.240	VV	1244	19570	0.20% 0.011%
292	16.259	16.240	16.309	VV	2783	52592	0.52% 0.028%
293	16.324	16.309	16.331	VV	793	9582	0.10% 0.005%
294	16.370	16.331	16.450	VV	576272	7592772	75.75% 4.107%
295	16.495	16.450	16.524	VV	69005	1045419	10.43% 0.565%
296	16.538	16.524	16.564	VV	4850	72620	0.72% 0.039%
297	16.572	16.564	16.610	VV	1319	26216	0.26% 0.014%
298	16.615	16.610	16.641	VV	861	10843	0.11% 0.006%
299	16.652	16.641	16.675	VV	590	7764	0.08% 0.004%
300	16.680	16.675	16.687	VV	383	2265	0.02% 0.001%
301	16.692	16.687	16.708	VV	400	4078	0.04% 0.002%
302	16.718	16.708	16.745	VV	459	4164	0.04% 0.002%
303	16.755	16.745	16.770	VV	222	1531	0.02% 0.001%
304	16.805	16.770	16.838	PV	1392	26987	0.27% 0.015%
305	16.867	16.838	16.909	VV	1354	31189	0.31% 0.017%
306	16.942	16.909	16.971	VV	2155	39922	0.40% 0.022%
307	16.977	16.971	16.991	VV	310	2917	0.03% 0.002%
308	16.997	16.991	17.005	VV	407	2045	0.02% 0.001%
309	17.026	17.005	17.039	VV	476	6439	0.06% 0.003%
310	17.063	17.039	17.090	VV	1177	21935	0.22% 0.012%
311	17.095	17.090	17.104	VV	253	1702	0.02% 0.001%
312	17.124	17.104	17.132	VV	445	4885	0.05% 0.003%
313	17.147	17.132	17.210	VV	1101	27487	0.27% 0.015%
314	17.246	17.210	17.254	VV	494	9510	0.09% 0.005%
315	17.268	17.254	17.300	VV	1050	17452	0.17% 0.009%
316	17.303	17.300	17.314	VV	279	2022	0.02% 0.001%
317	17.380	17.314	17.437	VV	64521	907925	9.06% 0.491%
318	17.466	17.437	17.507	VV	5420	83392	0.83% 0.045%
319	17.522	17.507	17.534	VV	823	9805	0.10% 0.005%
320	17.538	17.534	17.562	VV	604	6896	0.07% 0.004%
321	17.574	17.562	17.623	VV	619	11778	0.12% 0.006%
322	17.673	17.630	17.696	VV	1537	28458	0.28% 0.015%
323	17.739	17.696	17.752	VV	555719	7483393	74.66% 4.048%
324	17.774	17.752	17.947	VV	513901	7638663	76.20% 4.132%
325	17.990	17.947	18.118	VV	541535	7623180	76.05% 4.123%
326	18.139	18.118	18.160	VV	2104	48814	0.49% 0.026%
327	18.206	18.160	18.237	VV	63066	903363	9.01% 0.489%
328	18.244	18.237	18.284	VV	1823	27166	0.27% 0.015%

Sum of corrected areas: 184875472

rteres

Aromatic EPH 121024.M Sat Dec 21 05:55:15 20

Instrument :
FID_D
ClientSampleId :
SB-02MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
 Data File : FC068069.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 17:03
 Operator : YP/AJ
 Sample : P5299-04MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

SB-02MSD

Manual Integrations

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Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 21 01:54:03 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 07:59:10 2024

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...	12.886	5087208	39.870 ug/ml
Spiked Amount 50.000		Recovery =	79.74%
Target Compounds			
1) T n-Nonane (C9)	3.244	3053174	19.651 ug/ml
2) T n-Decane (C10)	4.303	3700073	23.341 ug/ml
4) T n-Dodecane (C12)	6.313	4282078	26.594 ug/ml
6) T n-Tetradecane (C14)	8.103	4910579	30.885 ug/ml
7) T n-Hexadecane (C16)	9.700	5152539	31.894 ug/ml
8) T n-Octadecane (C18)	11.138	5324188	33.164 ug/ml
10) T n-Eicosane (C20)	12.445	5374336	35.727 ug/ml
11) T n-Heneicosane (C21)	13.055	5089173	34.830 ug/ml
13) T n-Docosane (C22)	13.640	5010283	35.001 ug/ml
14) T n-Tetracosane (C24)	14.740	4852342	34.922 ug/ml
15) T n-Hexacosane (C26)	15.759	4700973	35.152 ug/ml
16) T n-Octacosane (C28)	16.707	4570081	35.233 ug/ml
17) T n-Tricontane (C30)	17.593	4557589	35.182 ug/ml
18) T n-Dotriacontane (C32)	18.424	4458604	35.989 ug/ml
19) T n-Tetratriacontane (C34)	19.205	4439369	40.673 ug/mlm
20) T n-Hexatriacontane (C36)	19.945	4261514	45.043 ug/ml
21) T n-Octatriacontane (C38)	20.660	4190307	46.321 ug/ml
22) T n-Tetracontane (C40)	21.528	4148424	47.067 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
Data File : FC068069.D
Signal(s) : FID1A.ch
Acq On : 20 Dec 2024 17:03
Operator : YP/AJ
Sample : P5299-04MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

SB-02MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 21 01:54:03 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 07:59:10 2024

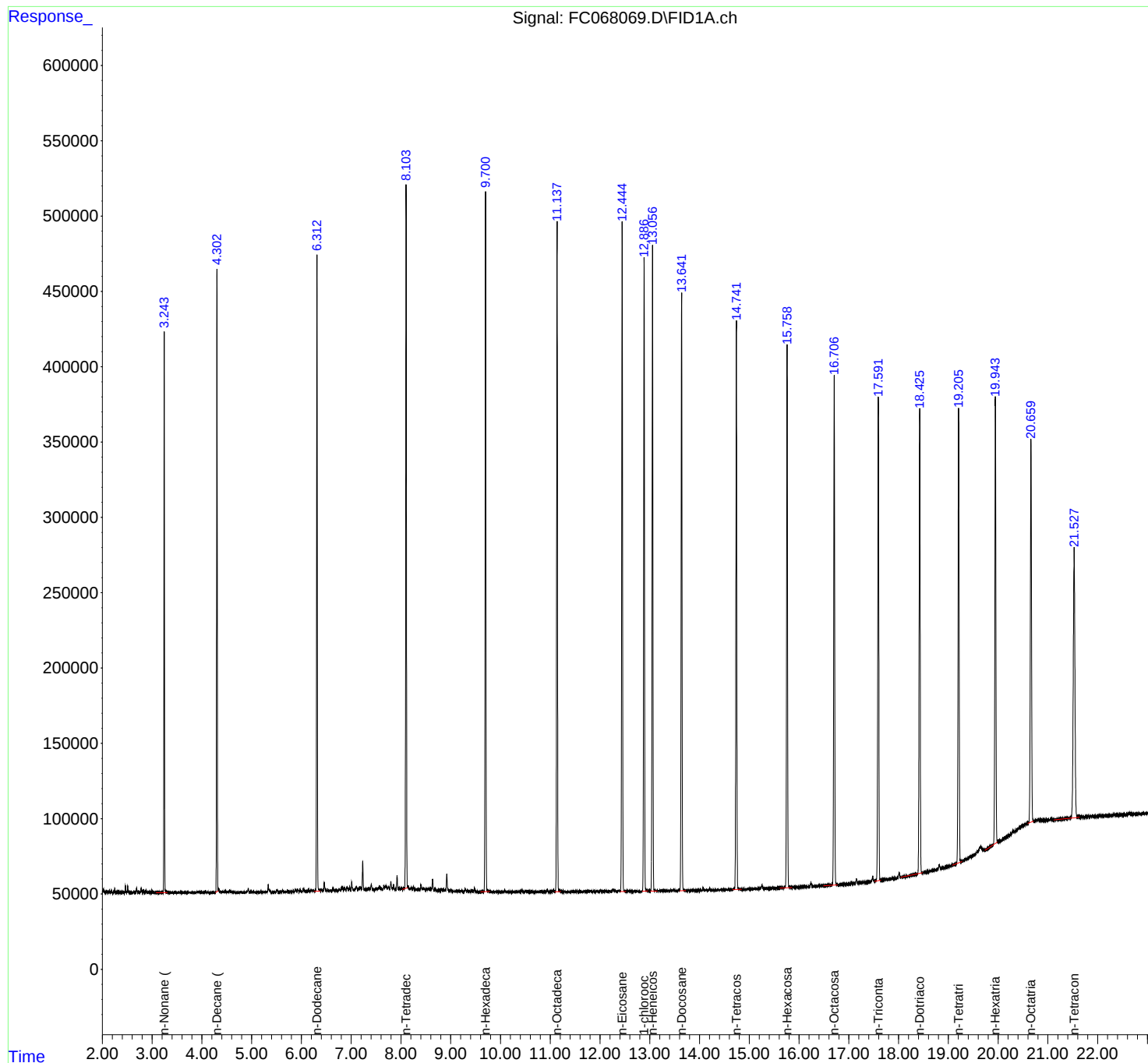
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um



Instrument :

FID_C

ClientSampleId :

SB-02MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC12202
 Data File : FC068069.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 17:03
 Sample : P5299-04MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.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	3.138	3.104	3.161	BV	218	2145	0.03%	0.002%
2	3.244	3.161	3.327	PV	369926	3069903	47.62%	3.018%
3	3.336	3.327	3.351	VV	245	2920	0.05%	0.003%
4	3.363	3.351	3.401	VV	286	6802	0.11%	0.007%
5	3.418	3.401	3.431	VV	238	2957	0.05%	0.003%
6	3.443	3.431	3.464	VV	279	3356	0.05%	0.003%
7	3.517	3.464	3.538	VV	366	9612	0.15%	0.009%
8	3.551	3.538	3.596	VV	343	7069	0.11%	0.007%
9	3.614	3.596	3.638	PV	234	3545	0.05%	0.003%
10	3.649	3.638	3.668	VV	181	2222	0.03%	0.002%
11	3.679	3.668	3.698	VV	158	1782	0.03%	0.002%
12	3.731	3.698	3.771	VV	456	9158	0.14%	0.009%
13	3.815	3.771	3.831	VV	390	5908	0.09%	0.006%
14	3.841	3.831	3.872	VV	250	3344	0.05%	0.003%
15	3.905	3.872	3.918	VV	592	7393	0.11%	0.007%
16	3.933	3.918	3.958	VV	855	9959	0.15%	0.010%
17	3.999	3.958	4.018	VV	391	7008	0.11%	0.007%
18	4.068	4.018	4.096	VV	989	19871	0.31%	0.020%
19	4.107	4.096	4.152	VV	273	6389	0.10%	0.006%
20	4.168	4.152	4.189	VV	170	2962	0.05%	0.003%
21	4.216	4.189	4.237	VV	297	5183	0.08%	0.005%
22	4.254	4.237	4.271	VV	250	4041	0.06%	0.004%
23	4.303	4.271	4.330	VV	412902	3727602	57.82%	3.664%
24	4.342	4.330	4.385	VV	2569	36657	0.57%	0.036%
25	4.403	4.385	4.431	VV	700	13341	0.21%	0.013%
26	4.469	4.431	4.511	VV	978	25657	0.40%	0.025%
27	4.524	4.511	4.537	VV	725	8337	0.13%	0.008%
28	4.554	4.537	4.571	VV	1782	18302	0.28%	0.018%
29	4.581	4.571	4.598	VV	554	6180	0.10%	0.006%
30	4.608	4.598	4.615	VV	305	2665	0.04%	0.003%
31	4.630	4.615	4.644	VV	442	5207	0.08%	0.005%
32	4.673	4.644	4.688	VV	397	6430	0.10%	0.006%
33	4.709	4.688	4.734	VV	357	6814	0.11%	0.007%
34	4.767	4.734	4.805	VV	771	13541	0.21%	0.013%
35	4.817	4.805	4.834	VV	160	2410	0.04%	0.002%
36	4.854	4.834	4.874	VV	339	4742	0.07%	0.005%

Instrument : FID_C ClientSampleId : SB-02MSD									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 12/23/2024 Supervised By :Ankita Jodhani 12/27/2024									
					retention				
37	4.932	4.874	4.960	VV	2990	44841	0.70%	0.044%	
38	4.982	4.960	5.002	VV	813	12886			
39	5.013	5.002	5.024	VV	497	5284			
40	5.039	5.024	5.080	VV	737	11028			
41	5.132	5.080	5.147	VV	711	11890			
42	5.158	5.147	5.167	VV	419	4704			
43	5.194	5.167	5.211	VV	696	11880	0.18%	0.012%	
44	5.224	5.211	5.235	VV	478	5207	0.08%	0.005%	
45	5.249	5.235	5.266	VV	491	7195	0.11%	0.007%	
46	5.279	5.266	5.311	VV	409	9349	0.15%	0.009%	
47	5.333	5.311	5.411	VV	5455	90043	1.40%	0.089%	
48	5.429	5.411	5.439	VV	401	5373	0.08%	0.005%	
49	5.453	5.439	5.467	VV	388	5914	0.09%	0.006%	
50	5.511	5.467	5.539	VV	1893	31888	0.49%	0.031%	
51	5.585	5.539	5.599	VV	622	13790	0.21%	0.014%	
52	5.623	5.599	5.660	VV	1337	27639	0.43%	0.027%	
53	5.678	5.660	5.691	VV	677	9222	0.14%	0.009%	
54	5.718	5.691	5.755	VV	1280	24988	0.39%	0.025%	
55	5.785	5.755	5.804	VV	857	16831	0.26%	0.017%	
56	5.835	5.804	5.850	VV	781	18013	0.28%	0.018%	
57	5.879	5.850	5.905	VV	2151	42707	0.66%	0.042%	
58	5.928	5.905	5.951	VV	2315	38461	0.60%	0.038%	
59	5.971	5.951	5.998	VV	2518	36722	0.57%	0.036%	
60	6.033	5.998	6.048	VV	2301	38752	0.60%	0.038%	
61	6.058	6.048	6.081	VV	1689	25601	0.40%	0.025%	
62	6.117	6.081	6.128	VV	1001	24413	0.38%	0.024%	
63	6.144	6.128	6.170	VV	1891	29599	0.46%	0.029%	
64	6.195	6.170	6.219	VV	1541	33853	0.53%	0.033%	
65	6.238	6.219	6.261	VV	1586	28556	0.44%	0.028%	
66	6.313	6.261	6.382	VV	427574	4348024	67.44%	4.274%	
67	6.402	6.382	6.423	VV	1813	37403	0.58%	0.037%	
68	6.460	6.423	6.488	VV	6870	114020	1.77%	0.112%	
69	6.497	6.488	6.518	VV	1677	26067	0.40%	0.026%	
70	6.530	6.518	6.553	VV	2089	31540	0.49%	0.031%	
71	6.572	6.553	6.606	VV	1613	40658	0.63%	0.040%	
72	6.631	6.606	6.654	VV	2844	52704	0.82%	0.052%	
73	6.666	6.654	6.679	VV	1685	21496	0.33%	0.021%	
74	6.695	6.679	6.733	VV	1623	42308	0.66%	0.042%	
75	6.754	6.733	6.784	VV	1996	47561	0.74%	0.047%	
76	6.807	6.784	6.817	VV	3185	48406	0.75%	0.048%	
77	6.827	6.817	6.846	VV	3109	43397	0.67%	0.043%	
78	6.868	6.846	6.893	VV	3279	62034	0.96%	0.061%	
79	6.912	6.893	6.951	VV	3774	85645	1.33%	0.084%	
80	6.968	6.951	6.988	VV	3289	49965	0.78%	0.049%	
81	7.011	6.988	7.047	VV	6960	117377	1.82%	0.115%	
82	7.065	7.047	7.074	VV	2065	30989	0.48%	0.030%	
83	7.107	7.074	7.126	VV	3554	86730	1.35%	0.085%	
84	7.149	7.126	7.162	VV	2451	49232	0.76%	0.048%	
85	7.179	7.162	7.208	VV	3724	78030	1.21%	0.077%	
86	7.232	7.208	7.260	VV	20761	255487	3.96%	0.251%	
87	7.283	7.260	7.307	VV	2259	57840	0.90%	0.057%	
88	7.323	7.307	7.334	VV	2534	36124	0.56%	0.036%	
89	7.353	7.334	7.377	VV	2896	65115	1.01%	0.064%	

							Instrument : FID_C		A																																																				
							ClientSampleId : SB-02MSD			B																																																			
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90	7.404	7.377	7.431	VV	5535	108205	1.68%	0.106%				D																																																	
91	7.447	7.431	7.468	VV	2101	41473	Manual IntegrationsAPPROVED						E																																																
92	7.492	7.468	7.506	VV	2902	51441								F																																															
93	7.516	7.506	7.531	VV	2505	35168	Reviewed By :Yogesh Patel 12/23/2024								G																																														
94	7.566	7.531	7.583	VV	4239	92259	Supervised By :Ankita Jodhani 12/27/2024									H																																													
95	7.597	7.583	7.632	VV	3272	71922											I																																												
96	7.655	7.632	7.671	VV	4642	73946	1.15%	0.073%										J																																											
97	7.686	7.671	7.697	VV	3990	54913	0.85%	0.054%																																																					
98	7.708	7.697	7.728	VV	4085	59464	0.92%	0.058%																																																					
99	7.752	7.728	7.771	VV	4329	81183	1.26%	0.080%																																																					
100	7.797	7.771	7.822	VV	7046	123865	1.92%	0.122%																																																					
101	7.853	7.822	7.876	VV	5235	104819	1.63%	0.103%																																																					
102	7.891	7.876	7.900	VV	2421	30879	0.48%	0.030%																																																					
103	7.922	7.900	7.948	VV	11191	153175	2.38%	0.151%																																																					
104	7.969	7.948	7.991	VV	2926	62698	0.97%	0.062%																																																					
105	8.009	7.991	8.029	VV	3371	57561	0.89%	0.057%																																																					
106	8.103	8.029	8.136	VV	469479	5075832	78.73%	4.989%																																																					
107	8.149	8.136	8.176	VV	4244	75778	1.18%	0.074%																																																					
108	8.195	8.176	8.234	VV	2956	85853	1.33%	0.084%																																																					
109	8.251	8.234	8.271	VV	3319	58199	0.90%	0.057%																																																					
110	8.294	8.271	8.323	VV	2250	64907	1.01%	0.064%																																																					
111	8.340	8.323	8.360	VV	1984	41200	0.64%	0.040%																																																					
112	8.372	8.360	8.381	VV	1835	21929	0.34%	0.022%																																																					
113	8.402	8.381	8.437	VV	5060	100134	1.55%	0.098%																																																					
114	8.454	8.437	8.494	VV	3133	81419	1.26%	0.080%																																																					
115	8.515	8.494	8.533	VV	2425	50103	0.78%	0.049%																																																					
116	8.548	8.533	8.570	VV	2944	48502	0.75%	0.048%																																																					
117	8.589	8.570	8.605	VV	2676	44224	0.69%	0.043%																																																					
118	8.636	8.605	8.664	VV	8681	138301	2.15%	0.136%																																																					
119	8.688	8.664	8.734	VV	2462	65097	1.01%	0.064%																																																					
120	8.755	8.734	8.768	VV	1276	21743	0.34%	0.021%																																																					
121	8.783	8.768	8.798	VV	1565	22701	0.35%	0.022%																																																					
122	8.820	8.798	8.839	VV	2470	40555	0.63%	0.040%																																																					
123	8.856	8.839	8.876	VV	1808	32990	0.51%	0.032%																																																					
124	8.921	8.876	8.988	VV	12127	205194	3.18%	0.202%																																																					
125	9.005	8.988	9.028	VV	1342	23811	0.37%	0.023%																																																					
126	9.053	9.028	9.090	VV	803	24260	0.38%	0.024%																																																					
127	9.112	9.090	9.134	VV	897	18036	0.28%	0.018%																																																					
128	9.157	9.134	9.190	VV	757	22188	0.34%	0.022%																																																					
129	9.218	9.190	9.261	VV	929	25752	0.40%	0.025%																																																					
130	9.293	9.261	9.322	VV	2193	41518	0.64%	0.041%																																																					
131	9.339	9.322	9.358	VV	1106	17756	0.28%	0.017%																																																					
132	9.376	9.358	9.402	VV	910	16710	0.26%	0.016%																																																					
133	9.429	9.402	9.454	VV	1148	23750	0.37%	0.023%																																																					
134	9.477	9.454	9.514	VV	2640	37014	0.57%	0.036%																																																					
135	9.532	9.514	9.560	VV	520	8685	0.13%	0.009%																																																					
136	9.617	9.560	9.660	VV	590	22619	0.35%	0.022%																																																					
137	9.700	9.660	9.818	VV	464645	5186812	80.46%	5.098%																																																					
138	9.824	9.818	9.849	VV	381	5685	0.09%	0.006%																																																					
139	9.867	9.849	9.955	VV	376	12725	0.20%	0.013%																																																					
140	9.976	9.955	9.998	VV	236	4253	0.07%	0.004%																																																					
141	10.016	9.998	10.031	VV	315	3928	0.06%	0.004%																																																					

							Instrument : FID_C		A
							ClientSampleId : SB-02MSD		
							Manual IntegrationsAPPROVED		
							Reviewed By :Yogesh Patel 12/23/2024 Supervised By :Ankita Jodhani 12/27/2024		C
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							Instrument : FID_C		A	
							ClientSampleId : SB-02MSD			
rteres									Manual IntegrationsAPPROVED	B
195	13.249	13.219	13.261	VV	239	4516	0.07%	0.004%		
196	13.274	13.261	13.301	VV	219	4785				
197	13.338	13.301	13.381	VV	301	9901				
198	13.429	13.381	13.454	VV	613	11787				
199	13.481	13.454	13.537	VV	853	19620	Reviewed By :Yogesh Patel 12/23/2024		C	
200	13.585	13.537	13.601	VV	881	14732	Supervised By :Ankita Jodhani 12/27/2024		D	
201	13.640	13.601	13.806	VV	399017	5031964	78.05%	4.946%	E	
202	13.870	13.806	13.956	PV	310	15031	0.23%	0.015%	F	
203	13.969	13.956	13.998	VV	188	2778	0.04%	0.003%	F	
204	14.011	13.998	14.020	VV	180	1156	0.02%	0.001%	G	
205	14.029	14.020	14.034	VV	163	861	0.01%	0.001%	G	
206	14.073	14.034	14.099	VV	1334	20118	0.31%	0.020%	H	
207	14.108	14.099	14.118	VV	198	1780	0.03%	0.002%	H	
208	14.127	14.118	14.147	VV	172	2158	0.03%	0.002%	I	
209	14.198	14.147	14.244	PV	1177	19796	0.31%	0.019%	I	
210	14.269	14.244	14.306	VV	212	5624	0.09%	0.006%	J	
211	14.358	14.306	14.390	VV	251	7405	0.11%	0.007%		
212	14.403	14.390	14.439	VV	146	3866	0.06%	0.004%		
213	14.453	14.439	14.465	VV	134	1265	0.02%	0.001%		
214	14.484	14.465	14.503	VV	186	2450	0.04%	0.002%		
215	14.516	14.503	14.534	VV	138	1437	0.02%	0.001%		
216	14.587	14.534	14.620	VV	263	7399	0.11%	0.007%		
217	14.740	14.620	14.870	VV	375829	4861790	75.41%	4.779%		
218	14.928	14.870	14.961	VV	217	5739	0.09%	0.006%		
219	14.994	14.961	15.017	VV	139	2851	0.04%	0.003%		
220	15.045	15.017	15.060	VV	122	1558	0.02%	0.002%		
221	15.119	15.060	15.128	PV	285	4656	0.07%	0.005%		
222	15.161	15.128	15.208	VV	363	9142	0.14%	0.009%		
223	15.256	15.208	15.294	VV	2219	33596	0.52%	0.033%		
224	15.308	15.294	15.329	VV	258	3753	0.06%	0.004%		
225	15.439	15.329	15.461	VV	238	5292	0.08%	0.005%		
226	15.488	15.461	15.508	VV	141	2603	0.04%	0.003%		
227	15.517	15.508	15.537	VV	122	923	0.01%	0.001%		
228	15.590	15.537	15.609	PV	213	6745	0.10%	0.007%		
229	15.629	15.609	15.683	VV	266	7018	0.11%	0.007%		
230	15.759	15.683	15.874	VV	353775	4702134	72.94%	4.622%		
231	15.895	15.874	15.917	VV	287	4571	0.07%	0.004%		
232	15.931	15.917	15.955	VV	234	4318	0.07%	0.004%		
233	15.962	15.955	15.978	VV	181	2220	0.03%	0.002%		
234	15.981	15.978	16.027	VV	182	2245	0.03%	0.002%		
235	16.068	16.027	16.079	PV	262	4840	0.08%	0.005%		
236	16.113	16.079	16.137	VV	265	5744	0.09%	0.006%		
237	16.174	16.137	16.183	VV	188	2581	0.04%	0.003%		
238	16.238	16.183	16.281	VV	2713	40299	0.63%	0.040%		
239	16.316	16.281	16.348	VV	247	6691	0.10%	0.007%		
240	16.362	16.348	16.370	PV	99	951	0.01%	0.001%		
241	16.404	16.370	16.419	VV	310	5725	0.09%	0.006%		
242	16.429	16.419	16.458	VV	233	4271	0.07%	0.004%		
243	16.476	16.458	16.498	VV	193	3482	0.05%	0.003%		
244	16.596	16.498	16.644	VV	523	21032	0.33%	0.021%		
245	16.707	16.644	16.773	VV	332320	4567260	70.85%	4.489%		
246	16.804	16.773	16.817	VV	195	4097	0.06%	0.004%		

Instrument : FID_C									
ClientSampleId : SB-02MSD									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 12/23/2024									
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rteres									
247	16.855	16.817	16.888	VV	190	4919	0.08%	0.005%	A
248	17.042	16.888	17.067	PV	160	10096			B
249	17.153	17.067	17.185	VV	2962	46576			C
250	17.195	17.185	17.210	VV	134	1308			D
251	17.262	17.210	17.284	PV	270	6355			E
252	17.481	17.284	17.512	VV	3605	54240			F
253	17.593	17.512	17.651	PV	323515	4565675	70.82%	4.488%	G
254	17.659	17.651	17.665	VV	229	1543	0.02%	0.002%	H
255	17.719	17.665	17.731	VV	225	6796	0.11%	0.007%	I
256	17.744	17.731	17.764	VV	196	2493	0.04%	0.002%	J
257	17.875	17.764	17.901	PV	329	6529	0.10%	0.006%	
258	17.911	17.901	17.920	VV	128	962	0.01%	0.001%	
259	18.011	17.920	18.055	PV	3312	50022	0.78%	0.049%	
260	18.093	18.055	18.104	VV	124	3125	0.05%	0.003%	
261	18.424	18.104	18.480	PV	307527	4476217	69.43%	4.400%	
262	18.817	18.480	18.848	PV	2722	26761	0.42%	0.026%	
263	19.206	18.848	19.250	PV	299336	4359803	67.63%	4.286%	
264	19.580	19.250	19.594	VV	3204	180705	2.80%	0.178%	
265	19.646	19.594	19.724	VV	5378	296038	4.59%	0.291%	
266	19.945	19.724	19.987	VV	299391	4790550	74.31%	4.709%	
267	20.298	19.987	20.319	VV	8465	1168005	18.12%	1.148%	
268	20.660	20.319	20.714	VV	260563	6446805	100.00%	6.337%	
269	20.827	20.714	20.851	VV	9809	821703	12.75%	0.808%	
270	20.864	20.851	20.908	VV	9352	309878	4.81%	0.305%	
271	20.914	20.908	20.951	VV	8625	220952	3.43%	0.217%	
272	20.997	20.951	21.028	VV	7824	358274	5.56%	0.352%	
273	21.066	21.028	21.112	VV	7712	369373	5.73%	0.363%	
274	21.119	21.112	21.128	VV	6600	63319	0.98%	0.062%	
275	21.528	21.128	21.644	VV	182085	5513976	85.53%	5.420%	
276	21.666	21.644	21.685	VV	2257	54354	0.84%	0.053%	
277	21.715	21.685	21.728	VV	1709	45096	0.70%	0.044%	
278	21.867	21.728	21.881	VV	377	76422	1.19%	0.075%	
Sum of corrected areas:					101732722				

Aliphatic EPH 121024.M Sat Dec 21 02:44:47 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048907.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 17:03
 Operator : YP/AJ
 Sample : P5299-04MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SB-02MSD

Integration File: autoint1.e
 Quant Time: Dec 21 04:06:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 2024
 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...	7.362	10138982	60.195 ug/ml
Spiked Amount 50.000		Recovery =	120.39%
6) S 2-Fluorobiphenyl (SURR)	8.212	6604556	63.931 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	127.86%
11) S ortho-Terphenyl (SURR)	11.246	6325440	35.604 ug/ml
Spiked Amount 50.000		Recovery =	71.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.184	6617523	34.951 ug/ml
2) T Naphthalene (C11.7)	5.701	7339717	38.411 ug/ml
3) T 2-Methylnaphthalene (...)	6.747	7083980	38.337 ug/ml
5) T Acenaphthylene (C15.06)	8.014	7969509	42.702 ug/ml
7) T Acenaphthene (C15.5)	8.310	8688275	46.652 ug/ml
8) T Flouorene (C16.55)	9.087	8727531	48.842 ug/ml
9) T Phenanthrene (C19.36)	10.475	8730455	52.270 ug/ml
10) T Anthracene (C19.43)	10.552	8872725	52.278 ug/ml
12) T Fluoranthene (C21.85)	12.281	8747915	53.443 ug/ml
13) T Pyrene (C20.8)	12.574	8560803	52.636 ug/ml
14) T Benzo[a]anthracene (C...	14.445	7789443	58.962 ug/ml
15) T Chrysene (C27.41)	14.487	7717598	47.805 ug/ml
16) T benzo[b]fluoranthene ...	15.994	7842202	58.251 ug/ml
17) T Bnezo[k]fluoranthene ...	16.028	7897196	51.846 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.370	7573436	54.757 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.738	7611290	71.421 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	7608904	52.465 ug/ml
21) T Benzo[g,h,i]perylene ...	17.990	7539269	53.772 ug/ml

(f)=RT Delta > 1/2 Window

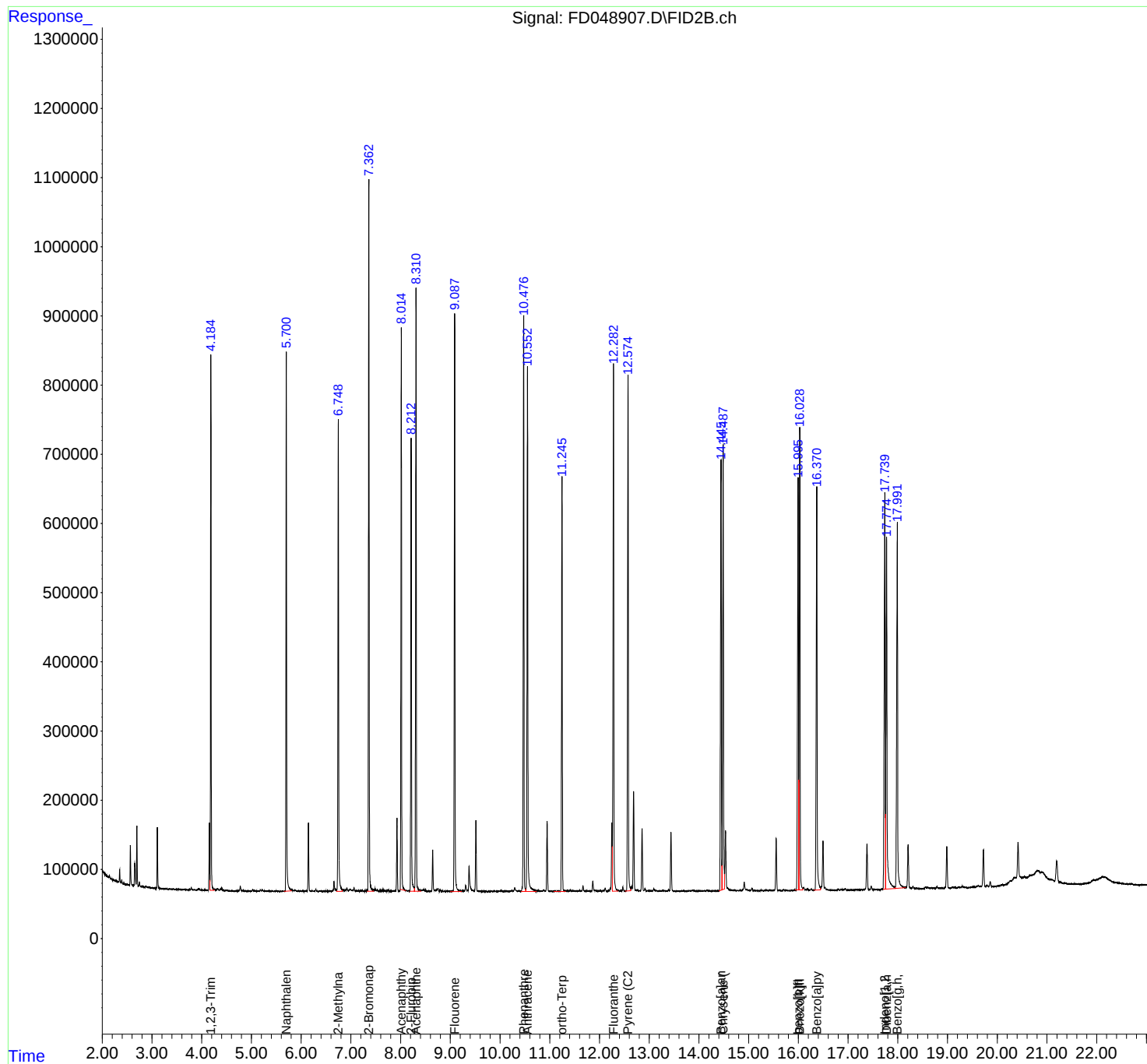
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
Data File : FD048907.D
Signal(s) : FID2B.ch
Acq On : 20 Dec 2024 17:03
Operator : YP/AJ
Sample : P5299-04MSD
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
SB-02MSD

Integration File: autoint1.e
Quant Time: Dec 21 04:06:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 06:07:50 2024
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\FD122024AR\
 Data File : FD048907.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 17:03
 Sample : P5299-04MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH
 121024.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	4.057	4.042	4.107	BV	553	10212	0.10%	0.005%
2	4.112	4.107	4.125	VV	229	1834	0.02%	0.001%
3	4.154	4.125	4.167	VV	97433	859409	8.44%	0.453%
4	4.184	4.167	4.252	VV	773932	6627207	65.10%	3.492%
5	4.260	4.252	4.282	VV	2014	27869	0.27%	0.015%
6	4.284	4.282	4.304	VV	1122	11605	0.11%	0.006%
7	4.321	4.304	4.358	VV	3297	57314	0.56%	0.030%
8	4.377	4.358	4.390	VV	2658	32835	0.32%	0.017%
9	4.405	4.390	4.438	VV	4459	52190	0.51%	0.028%
10	4.447	4.438	4.467	VV	511	6236	0.06%	0.003%
11	4.481	4.467	4.505	VV	1062	15003	0.15%	0.008%
12	4.520	4.505	4.572	VV	1116	14526	0.14%	0.008%
13	4.592	4.572	4.632	VV	732	14146	0.14%	0.007%
14	4.643	4.632	4.666	VV	335	3059	0.03%	0.002%
15	4.672	4.666	4.682	VV	499	1752	0.02%	0.001%
16	4.697	4.682	4.708	PV	609	6173	0.06%	0.003%
17	4.713	4.708	4.727	VV	601	3192	0.03%	0.002%
18	4.733	4.727	4.739	VV	392	1910	0.02%	0.001%
19	4.776	4.739	4.815	VV	7631	112654	1.11%	0.059%
20	4.833	4.815	4.866	VV	1841	23337	0.23%	0.012%
21	4.875	4.866	4.925	VV	516	10704	0.11%	0.006%
22	4.929	4.925	4.945	VV	467	3267	0.03%	0.002%
23	4.974	4.945	5.001	VV	531	9964	0.10%	0.005%
24	5.027	5.001	5.051	VV	2457	38075	0.37%	0.020%
25	5.054	5.051	5.084	VV	942	14379	0.14%	0.008%

rteres								
26	5.089	5.084	5.102	VV	574	4775	0.05%	0.003%
27	5.105	5.102	5.131	VV	530	6459	0.06%	0.003%
28	5.139	5.131	5.144	VV	576	3093	0.03%	0.002%
29	5.147	5.144	5.161	VV	591	3513	0.03%	0.002%
30	5.180	5.161	5.203	VV	2414	31560	0.31%	0.017%
31	5.218	5.203	5.246	VV	2482	30161	0.30%	0.016%
32	5.274	5.246	5.308	VV	972	16923	0.17%	0.009%
33	5.341	5.308	5.379	VV	691	17640	0.17%	0.009%
34	5.392	5.387	5.407	VV	383	1439	0.01%	0.001%
35	5.420	5.407	5.445	VV	436	4153	0.04%	0.002%
36	5.465	5.445	5.479	PV	830	7830	0.08%	0.004%
37	5.517	5.479	5.533	VV	608	9601	0.09%	0.005%
38	5.544	5.533	5.570	VV	445	5256	0.05%	0.003%
39	5.577	5.570	5.589	VV	218	1351	0.01%	0.001%
40	5.597	5.589	5.606	VV	314	1326	0.01%	0.001%
41	5.617	5.606	5.653	VV	394	8601	0.08%	0.005%
42	5.701	5.653	5.800	VV	779313	7387839	72.57%	3.893%
43	5.814	5.800	5.856	VV	3229	67798	0.67%	0.036%
44	5.877	5.856	5.914	VV	2288	49252	0.48%	0.026%
45	5.925	5.914	5.929	VV	948	7288	0.07%	0.004%
46	5.947	5.929	5.970	VV	1114	19214	0.19%	0.010%
47	5.975	5.970	5.989	VV	651	5818	0.06%	0.003%
48	5.993	5.989	6.009	VV	496	3365	0.03%	0.002%
49	6.027	6.009	6.042	VV	714	9436	0.09%	0.005%
50	6.047	6.042	6.084	VV	592	10415	0.10%	0.005%
51	6.092	6.084	6.099	VV	527	2543	0.02%	0.001%
52	6.101	6.099	6.121	VV	647	3616	0.04%	0.002%
53	6.147	6.121	6.207	VV	99412	989531	9.72%	0.521%
54	6.229	6.207	6.248	VV	1194	17168	0.17%	0.009%
55	6.266	6.248	6.278	VV	1097	11845	0.12%	0.006%
56	6.296	6.278	6.316	VV	3360	39418	0.39%	0.021%
57	6.323	6.316	6.345	VV	723	6619	0.07%	0.003%
58	6.368	6.345	6.388	PV	1351	15919	0.16%	0.008%
59	6.393	6.388	6.435	VV	535	9795	0.10%	0.005%
60	6.459	6.435	6.498	PV	984	10453	0.10%	0.006%
61	6.526	6.498	6.567	VV	670	12383	0.12%	0.007%
62	6.585	6.567	6.612	VV	1205	16274	0.16%	0.009%
63	6.661	6.612	6.716	VV	14886	237752	2.34%	0.125%
64	6.748	6.716	6.827	VV	680541	7106611	69.80%	3.745%
65	6.845	6.827	6.877	VV	3777	66814	0.66%	0.035%
66	6.921	6.877	6.950	VV	5229	105685	1.04%	0.056%
67	6.982	6.950	7.017	VV	3559	88040	0.86%	0.046%
68	7.032	7.017	7.045	VV	2130	30746	0.30%	0.016%
69	7.064	7.045	7.087	VV	5702	71416	0.70%	0.038%

				riteres				
70	7.119	7.087	7.138	VV	1310	29439	0.29%	0.016%
71	7.154	7.138	7.185	VV	1668	26992	0.27%	0.014%
72	7.234	7.185	7.254	VV	2002	40902	0.40%	0.022%
73	7.277	7.254	7.282	VV	798	10802	0.11%	0.006%
74	7.283	7.282	7.294	VV	831	3446	0.03%	0.002%
75	7.322	7.294	7.335	VV	2216	31458	0.31%	0.017%
76	7.362	7.335	7.462	VV	1029584	10180705	100.00%	5.365%
77	7.469	7.462	7.482	VV	2549	26337	0.26%	0.014%
78	7.489	7.482	7.504	VV	3021	29198	0.29%	0.015%
79	7.507	7.504	7.572	VV	2491	55682	0.55%	0.029%
80	7.588	7.572	7.604	VV	1188	18096	0.18%	0.010%
81	7.606	7.604	7.610	VV	1290	3754	0.04%	0.002%
82	7.628	7.610	7.647	VV	2415	33109	0.33%	0.017%
83	7.648	7.647	7.658	VV	1573	5701	0.06%	0.003%
84	7.664	7.658	7.669	VV	1350	5625	0.06%	0.003%
85	7.681	7.669	7.699	VV	1470	17622	0.17%	0.009%
86	7.724	7.699	7.729	VV	1226	13147	0.13%	0.007%
87	7.749	7.729	7.775	VV	2767	37993	0.37%	0.020%
88	7.782	7.775	7.824	VV	1056	20986	0.21%	0.011%
89	7.834	7.824	7.849	VV	1396	14249	0.14%	0.008%
90	7.854	7.849	7.881	VV	782	14009	0.14%	0.007%
91	7.889	7.881	7.898	VV	1028	8471	0.08%	0.004%
92	7.927	7.898	7.967	VV	106670	1103760	10.84%	0.582%
93	7.974	7.967	7.984	VV	1306	9845	0.10%	0.005%
94	8.014	7.984	8.110	VV	813747	8135450	79.91%	4.287%
95	8.119	8.110	8.142	VV	1681	26580	0.26%	0.014%
96	8.157	8.142	8.183	VV	1279	24512	0.24%	0.013%
97	8.212	8.183	8.281	VV	655200	6643271	65.25%	3.501%
98	8.310	8.281	8.404	VV	872943	8721719	85.67%	4.596%
99	8.415	8.404	8.430	VV	1893	26150	0.26%	0.014%
100	8.459	8.430	8.499	VV	3381	79619	0.78%	0.042%
101	8.506	8.499	8.511	VV	1465	7207	0.07%	0.004%
102	8.520	8.511	8.545	VV	914	14936	0.15%	0.008%
103	8.548	8.545	8.552	VV	517	2030	0.02%	0.001%
104	8.570	8.552	8.599	VV	1015	19231	0.19%	0.010%
105	8.603	8.599	8.615	VV	789	5946	0.06%	0.003%
106	8.645	8.615	8.675	VV	60527	626434	6.15%	0.330%
107	8.678	8.675	8.691	VV	2139	16764	0.16%	0.009%
108	8.697	8.691	8.707	VV	1756	14727	0.14%	0.008%
109	8.719	8.707	8.730	VV	2409	26224	0.26%	0.014%
110	8.749	8.730	8.780	VV	4419	82650	0.81%	0.044%
111	8.796	8.780	8.819	VV	2081	31623	0.31%	0.017%
112	8.829	8.819	8.854	VV	1006	13668	0.13%	0.007%

rteres								
113	8.877	8.863	8.899	VV	574	6926	0.07%	0.004%
114	8.903	8.899	8.909	VV	230	1398	0.01%	0.001%
115	8.937	8.909	8.957	VV	1247	19416	0.19%	0.010%
116	8.967	8.957	8.995	VV	758	9799	0.10%	0.005%
117	9.025	8.995	9.037	VV	618	8760	0.09%	0.005%
118	9.049	9.037	9.058	VV	1185	9468	0.09%	0.005%
119	9.088	9.058	9.226	VV	831276	8727688	85.73%	4.599%
120	9.245	9.226	9.265	VV	1808	26015	0.26%	0.014%
121	9.309	9.265	9.343	VV	9150	148285	1.46%	0.078%
122	9.347	9.343	9.357	VV	1842	12265	0.12%	0.006%
123	9.377	9.357	9.488	VV	36807	597850	5.87%	0.315%
124	9.515	9.488	9.548	VV	103313	1117018	10.97%	0.589%
125	9.553	9.548	9.565	VV	821	6675	0.07%	0.004%
126	9.585	9.565	9.642	VV	856	22730	0.22%	0.012%
127	9.650	9.642	9.658	VV	342	2141	0.02%	0.001%
128	9.667	9.658	9.675	VV	485	2685	0.03%	0.001%
129	9.686	9.675	9.704	VV	605	4147	0.04%	0.002%
130	9.713	9.704	9.719	VV	289	2123	0.02%	0.001%
131	9.729	9.719	9.746	VV	551	3924	0.04%	0.002%
132	9.764	9.746	9.779	PV	262	3849	0.04%	0.002%
133	9.788	9.779	9.796	VV	271	2065	0.02%	0.001%
134	9.836	9.796	9.850	VV	826	13815	0.14%	0.007%
135	9.864	9.850	9.869	VV	430	3800	0.04%	0.002%
136	9.878	9.869	9.899	VV	622	8441	0.08%	0.004%
137	9.901	9.899	9.904	VV	593	1642	0.02%	0.001%
138	9.909	9.904	9.924	VV	656	6075	0.06%	0.003%
139	9.931	9.924	9.944	VV	693	7141	0.07%	0.004%
140	9.947	9.944	9.967	VV	612	5860	0.06%	0.003%
141	9.969	9.967	9.988	VV	592	5146	0.05%	0.003%
142	9.994	9.988	10.000	VV	441	2588	0.03%	0.001%
143	10.019	10.000	10.037	VV	1543	15219	0.15%	0.008%
144	10.040	10.037	10.062	VV	638	5355	0.05%	0.003%
145	10.106	10.062	10.123	VV	865	20556	0.20%	0.011%
146	10.138	10.123	10.165	VV	528	9569	0.09%	0.005%
147	10.181	10.165	10.195	VV	818	10112	0.10%	0.005%
148	10.245	10.195	10.270	VV	1451	41117	0.40%	0.022%
149	10.298	10.270	10.352	VV	5480	105905	1.04%	0.056%
150	10.372	10.352	10.417	VV	1438	27644	0.27%	0.015%
151	10.476	10.417	10.520	VV	833426	8742349	85.87%	4.607%
152	10.552	10.520	10.745	VV	758380	8888767	87.31%	4.684%
153	10.752	10.745	10.782	VV	1232	22808	0.22%	0.012%
154	10.788	10.782	10.832	VV	958	20586	0.20%	0.011%
155	10.880	10.832	10.912	VV	1762	49964	0.49%	0.026%

rteres								
156	10.947	10.912	10.985	VV	101419	1140185	11.20%	0.601%
157	10.991	10.985	11.002	VV	625	4516	0.04%	0.002%
158	11.032	11.002	11.077	VV	788	21321	0.21%	0.011%
159	11.173	11.077	11.214	VV	662	24008	0.24%	0.013%
160	11.246	11.214	11.314	VV	600375	6312316	62.00%	3.327%
161	11.332	11.314	11.343	VV	1109	16262	0.16%	0.009%
162	11.366	11.343	11.394	VV	1413	29212	0.29%	0.015%
163	11.416	11.394	11.450	VV	1914	35731	0.35%	0.019%
164	11.464	11.450	11.480	VV	1143	14625	0.14%	0.008%
165	11.502	11.480	11.530	VV	890	20944	0.21%	0.011%
166	11.544	11.530	11.557	VV	616	8172	0.08%	0.004%
167	11.604	11.557	11.635	VV	1329	41243	0.41%	0.022%
168	11.668	11.635	11.698	VV	8339	116702	1.15%	0.062%
169	11.706	11.698	11.728	VV	899	11308	0.11%	0.006%
170	11.741	11.728	11.789	VV	795	22282	0.22%	0.012%
171	11.827	11.789	11.844	VV	1152	26189	0.26%	0.014%
172	11.865	11.844	11.930	VV	14908	233016	2.29%	0.123%
173	11.940	11.930	11.963	VV	1197	19036	0.19%	0.010%
174	11.988	11.963	12.002	VV	1028	18446	0.18%	0.010%
175	12.012	12.002	12.059	VV	1057	26422	0.26%	0.014%
176	12.081	12.059	12.097	VV	1314	23790	0.23%	0.013%
177	12.115	12.097	12.142	VV	5088	62457	0.61%	0.033%
178	12.151	12.142	12.169	VV	582	7830	0.08%	0.004%
179	12.189	12.169	12.200	VV	1628	22518	0.22%	0.012%
180	12.249	12.200	12.259	VV	99552	1102977	10.83%	0.581%
181	12.281	12.259	12.418	VV	765190	8755128	86.00%	4.614%
182	12.433	12.418	12.449	VV	900	14152	0.14%	0.007%
183	12.469	12.449	12.514	VV	6469	89972	0.88%	0.047%
184	12.574	12.514	12.628	VV	746758	8616603	84.64%	4.541%
185	12.645	12.628	12.660	VV	7381	112264	1.10%	0.059%
186	12.686	12.660	12.724	VV	143995	1795596	17.64%	0.946%
187	12.741	12.724	12.752	VV	1780	25376	0.25%	0.013%
188	12.768	12.752	12.823	VV	1592	47288	0.46%	0.025%
189	12.857	12.823	12.891	VV	91085	1073891	10.55%	0.566%
190	12.915	12.891	13.029	VV	4865	114851	1.13%	0.061%
191	13.051	13.029	13.069	VV	1049	19843	0.19%	0.010%
192	13.092	13.069	13.171	VV	3983	93873	0.92%	0.049%
193	13.189	13.171	13.214	VV	589	13323	0.13%	0.007%
194	13.269	13.214	13.297	VV	1237	38627	0.38%	0.020%
195	13.313	13.297	13.344	VV	1017	20764	0.20%	0.011%
196	13.391	13.344	13.412	VV	2303	45241	0.44%	0.024%
197	13.439	13.412	13.522	VV	85453	1063735	10.45%	0.561%
198	13.547	13.522	13.584	VV	425	9541	0.09%	0.005%
199	13.598	13.584	13.607	PV	267	3074	0.03%	0.002%

200	13.659	13.607	13.680	VV	630	17090	0.17%	0.009%
201	13.698	13.680	13.752	VV	923	22802	0.22%	0.012%
202	13.762	13.752	13.774	VV	411	3866	0.04%	0.002%
203	13.807	13.774	13.828	VV	721	17464	0.17%	0.009%
204	13.836	13.828	13.854	VV	747	10392	0.10%	0.005%
205	13.874	13.854	13.975	VV	1729	52792	0.52%	0.028%
206	14.003	13.975	14.016	VV	601	11824	0.12%	0.006%
207	14.024	14.016	14.070	VV	546	10728	0.11%	0.006%
208	14.094	14.070	14.127	VV	674	17842	0.18%	0.009%
209	14.165	14.127	14.217	VV	1417	41414	0.41%	0.022%
210	14.225	14.217	14.269	VV	524	10450	0.10%	0.006%
211	14.272	14.269	14.280	VV	344	2228	0.02%	0.001%
212	14.303	14.280	14.332	VV	543	10607	0.10%	0.006%
213	14.345	14.332	14.359	VV	454	5859	0.06%	0.003%
214	14.382	14.359	14.400	VV	527	9900	0.10%	0.005%
215	14.445	14.400	14.463	VV	625689	7824785	76.86%	4.124%
216	14.487	14.463	14.515	VV	644029	7795514	76.57%	4.108%
217	14.535	14.515	14.570	VV	87656	1259167	12.37%	0.664%
218	14.577	14.570	14.617	VV	4653	86071	0.85%	0.045%
219	14.630	14.617	14.680	VV	1958	51899	0.51%	0.027%
220	14.705	14.680	14.750	VV	1156	39514	0.39%	0.021%
221	14.773	14.750	14.815	VV	823	25728	0.25%	0.014%
222	14.832	14.815	14.859	VV	878	17708	0.17%	0.009%
223	14.911	14.859	14.947	VV	12711	232387	2.28%	0.122%
224	14.961	14.947	15.039	VV	1981	68313	0.67%	0.036%
225	15.065	15.039	15.096	VV	4082	64371	0.63%	0.034%
226	15.109	15.096	15.160	VV	850	17767	0.17%	0.009%
227	15.185	15.160	15.204	VV	556	10665	0.10%	0.006%
228	15.253	15.204	15.276	VV	796	19789	0.19%	0.010%
229	15.358	15.276	15.389	VV	1026	35686	0.35%	0.019%
230	15.434	15.389	15.488	VV	950	38580	0.38%	0.020%
231	15.513	15.488	15.524	VV	1368	17688	0.17%	0.009%
232	15.553	15.524	15.597	VV	75518	938487	9.22%	0.495%
233	15.616	15.597	15.677	VV	762	16917	0.17%	0.009%
234	15.708	15.677	15.735	VV	1679	25999	0.26%	0.014%
235	15.754	15.735	15.818	VV	691	16533	0.16%	0.009%
236	15.826	15.818	15.845	PV	167	1717	0.02%	0.001%
237	15.923	15.845	15.957	VV	1449	36288	0.36%	0.019%
238	15.994	15.957	16.009	VV	593690	7857456	77.18%	4.141%
239	16.028	16.009	16.089	VV	670393	7969602	78.28%	4.200%
240	16.106	16.089	16.155	VV	4053	94202	0.93%	0.050%
241	16.179	16.155	16.210	VV	1883	42734	0.42%	0.023%
242	16.216	16.210	16.237	VV	985	14955	0.15%	0.008%

					rt	Area	Area%	Height%
243	16.260	16.237	16.294	VV	2631	45534	0.45%	0.024%
244	16.370	16.294	16.445	VV	584853	7631300	74.96%	4.022%
245	16.496	16.445	16.524	VV	71776	1066016	10.47%	0.562%
246	16.538	16.524	16.690	VV	4705	117722	1.16%	0.062%
247	16.703	16.690	16.728	VV	345	4668	0.05%	0.002%
248	16.803	16.728	16.830	PV	1357	29222	0.29%	0.015%
249	16.863	16.830	16.897	VV	1175	28641	0.28%	0.015%
250	16.943	16.897	17.000	VV	2205	47150	0.46%	0.025%
251	17.060	17.000	17.105	VV	966	21254	0.21%	0.011%
252	17.148	17.105	17.197	VV	1057	23116	0.23%	0.012%
253	17.271	17.197	17.300	VV	741	23288	0.23%	0.012%
254	17.380	17.300	17.434	VV	66435	913440	8.97%	0.481%
255	17.466	17.434	17.509	VV	5570	89454	0.88%	0.047%
256	17.525	17.509	17.558	VV	618	13714	0.13%	0.007%
257	17.576	17.558	17.617	VV	667	12247	0.12%	0.006%
258	17.674	17.617	17.696	PV	1171	21096	0.21%	0.011%
259	17.738	17.696	17.753	VV	572542	7624299	74.89%	4.018%
260	17.774	17.753	17.949	VV	510333	7714596	75.78%	4.065%
261	17.990	17.949	18.125	VV	528202	7664654	75.29%	4.039%
262	18.132	18.125	18.167	VV	2085	46191	0.45%	0.024%
263	18.207	18.167	18.277	VV	63878	914540	8.98%	0.482%

Sum of corrected areas: 189757909

Aromatic EPH 121024.M Sat Dec 21 05:22:42 2024

Manual Integration Report

Sequence:	FC121024AL	Instrument	FID_c
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FC067971.D	A~2-methylnaphthalene (C12.89)	yogesh	12/11/2024 8:10:30 AM	Ankita	12/11/2024 9:05:13	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC067971.D	n-Tetracontane (C40)	yogesh	12/11/2024 8:10:30 AM	Ankita	12/11/2024 9:05:13	Peak Integrated by Software
PB165523BS	FC067973.D	1-chlorooctadecane (SURR)	yogesh	12/11/2024 8:10:31 AM	Ankita	12/11/2024 9:05:25	Peak Integrated by Software
PB165523BS	FC067973.D	A~2-methylnaphthalene (C12.89)	yogesh	12/11/2024 8:10:31 AM	Ankita	12/11/2024 9:05:25	Peak Integrated by Software
PB165523BS	FC067973.D	n-Hexatriacontane (C36)	yogesh	12/11/2024 8:10:31 AM	Ankita	12/11/2024 9:05:25	Peak Integrated by Software
PB165523BS	FC067973.D	n-Tetracosane (C24)	yogesh	12/11/2024 8:10:31 AM	Ankita	12/11/2024 9:05:25	Peak Integrated by Software
PB165523BSD	FC067974.D	1-chlorooctadecane (SURR)	yogesh	12/11/2024 8:10:33 AM	Ankita	12/11/2024 9:05:15	Peak Integrated by Software
PB165523BSD	FC067974.D	A~2-methylnaphthalene (C12.89)	yogesh	12/11/2024 8:10:33 AM	Ankita	12/11/2024 9:05:15	Peak Integrated by Software
PB165523BSD	FC067974.D	n-Tetracosane (C24)	yogesh	12/11/2024 8:10:33 AM	Ankita	12/11/2024 9:05:15	Peak Integrated by Software
P5216-09MS	FC067977.D	A~2-methylnaphthalene (C12.89)	yogesh	12/11/2024 8:10:34 AM	Ankita	12/11/2024 9:05:17	Peak Integrated by Software
P5216-09MS	FC067977.D	n-Octacosane (C28)	yogesh	12/11/2024 8:10:34 AM	Ankita	12/11/2024 9:05:17	Peak Integrated by Software
P5216-09MS	FC067977.D	n-Tetracosane (C24)	yogesh	12/11/2024 8:10:34 AM	Ankita	12/11/2024 9:05:17	Peak Integrated by Software
P5216-09MSD	FC067978.D	1-chlorooctadecane (SURR)	yogesh	12/11/2024 8:10:35 AM	Ankita	12/11/2024 9:05:18	Peak Integrated by Software

Manual Integration Report

Sequence:	FC121024AL	Instrument	FID_c
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P5216-09MSD	FC067978.D	A~2-methylnaphthalene (C12.89)	yogesh	12/11/2024 8:10:35 AM	Ankita	12/11/2024 9:05:18	Peak Integrated by Software
P5216-09MSD	FC067978.D	n-Octacosane (C28)	yogesh	12/11/2024 8:10:35 AM	Ankita	12/11/2024 9:05:18	Peak Integrated by Software
P5216-09MSD	FC067978.D	n-Tetracosane (C24)	yogesh	12/11/2024 8:10:35 AM	Ankita	12/11/2024 9:05:18	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC067980.D	A~2-methylnaphthalene (C12.89)	yogesh	12/11/2024 8:10:37 AM	Ankita	12/11/2024 9:05:19	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC067980.D	n-Tetracontane (C40)	yogesh	12/11/2024 8:10:37 AM	Ankita	12/11/2024 9:05:19	Peak Integrated by Software

Manual Integration Report

Sequence:	FC122024AL	Instrument	FID_c
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FC068059.D	n-Dotriacontane (C32)	yogesh	12/23/2024 9:21:17 AM	Ankita	12/27/2024 7:45:42	Peak Integrated by Software
PB165775BS	FC068061.D	n-Decane (C10)	yogesh	12/23/2024 9:21:19 AM	Ankita	12/27/2024 7:45:44	Peak Integrated by Software
PB165775BSD	FC068062.D	n-Decane (C10)	yogesh	12/23/2024 9:21:21 AM	Ankita	12/27/2024 7:45:45	Peak Integrated by Software
P5299-04MS	FC068068.D	n-Hexatriacontane (C36)	yogesh	12/23/2024 9:21:23 AM	Ankita	12/27/2024 7:45:47	Peak Integrated by Software
P5299-04MSD	FC068069.D	n-Tetratriacontane (C34)	yogesh	12/23/2024 9:21:25 AM	Ankita	12/27/2024 7:45:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC068071.D	n-Tetracontane (C40)	yogesh	12/23/2024 9:21:27 AM	Ankita	12/27/2024 7:45:50	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC068077.D	n-Tetracontane (C40)	yogesh	12/23/2024 9:21:29 AM	Ankita	12/27/2024 7:45:51	Peak Integrated by Software

Manual Integration Report

Sequence:	FD121024AR	Instrument	FID_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
100 PPM AROMATIC HC	FD048862.D	Bnezo[k]fluoranthene (C30.14)	yogesh	12/10/2024 8:36:02 AM	Ankita	12/10/2024 10:25:17	Peak Integrated by Software
10 PPM AROMATIC HC	FD048865.D	Naphthalene (C11.7)	yogesh	12/10/2024 8:36:04 AM	Ankita	12/10/2024 10:25:18	Peak Integrated by Software
5 PPM AROMATIC HC	FD048866.D	Dibenz[a,h]anthracene (C30.36)	yogesh	12/10/2024 8:36:05 AM	Ankita	12/10/2024 10:25:20	Peak Integrated by Software
5 PPM AROMATIC HC	FD048866.D	Naphthalene (C11.7)	yogesh	12/10/2024 8:36:05 AM	Ankita	12/10/2024 10:25:20	Peak Integrated by Software
20 PPM AROMATIC HC	FD048867.D	benzo[b]fluoranthene (C30.41)	yogesh	12/10/2024 8:36:07 AM	Ankita	12/10/2024 10:25:22	Peak Integrated by Software
20 PPM AROMATIC HC	FD048867.D	Bnezo[k]fluoranthene (C30.14)	yogesh	12/10/2024 8:36:07 AM	Ankita	12/10/2024 10:25:22	Peak Integrated by Software

Manual Integration Report

Sequence:

FD122024AR

Instrument

FID_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM AROMATIC HC	FD048897.D	Benzo[a]pyrene (C31.34)	yogesh	12/23/2024 9:21:53 AM	Ankita	12/27/2024 7:46:11	Peak Integrated by Software
PB165775BS	FD048899.D	Fluoranthene (C21.85)	yogesh	12/23/2024 9:21:55 AM	Ankita	12/27/2024 7:46:12	Peak Integrated by Software
P5299-04MS	FD048906.D	Fluoranthene (C21.85)	yogesh	12/23/2024 9:21:57 AM	Ankita	12/27/2024 7:46:14	Peak Integrated by Software
20 PPM AROMATIC HC	FD048915.D	1,2,3-Trimethylbenzene (C10.1)	yogesh	12/23/2024 9:21:59 AM	Ankita	12/27/2024 7:46:15	Peak Integrated by Software
20 PPM AROMATIC HC	FD048915.D	benzo[b]fluoranthene (C30.41)	yogesh	12/23/2024 9:21:59 AM	Ankita	12/27/2024 7:46:15	Peak Integrated by Software

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC121024AL

Review By	yogesh	Review On	12/9/2024 4:27:54 PM
Supervise By	Ankita	Supervise On	12/11/2024 9:05:29 AM
SubDirectory	FC121024AL	HP Acquire Method	HP Processing Method FC121024AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649		
CCC Internal Standard/PEM	PP23647		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23645,PP23650		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC067959.D	10 Dec 2024 03:35	YP/AJ	Ok
2	I.BLK	FC067960.D	10 Dec 2024 04:12	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC067961.D	10 Dec 2024 04:48	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC067962.D	10 Dec 2024 05:24	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC067963.D	10 Dec 2024 06:01	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC067964.D	10 Dec 2024 06:37	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC067965.D	10 Dec 2024 07:14	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC067966.D	10 Dec 2024 07:51	YP/AJ	Ok
9	I.BLK	FC067967.D	10 Dec 2024 09:03	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC067968.D	10 Dec 2024 09:40	YP/AJ	Ok
11	P5145-01DL	FC067969.D	10 Dec 2024 10:16	YP/AJ	Ok
12	I.BLK	FC067970.D	10 Dec 2024 11:29	YP/AJ	Ok
13	20 PPM ALIPHATIC HC STD	FC067971.D	10 Dec 2024 12:59	YP/AJ	Ok,M
14	PB165523BL	FC067972.D	10 Dec 2024 13:36	YP/AJ	Ok
15	PB165523BS	FC067973.D	10 Dec 2024 14:12	YP/AJ	Ok,M
16	PB165523BSD	FC067974.D	10 Dec 2024 14:49	YP/AJ	Ok,M
17	P5216-09	FC067975.D	10 Dec 2024 15:25	YP/AJ	Ok
18	P5216-09D	FC067976.D	10 Dec 2024 16:02	YP/AJ	Ok
19	P5216-09MS	FC067977.D	10 Dec 2024 16:38	YP/AJ	Ok,M
20	P5216-09MSD	FC067978.D	10 Dec 2024 17:14	YP/AJ	Ok,M
21	I.BLK	FC067979.D	10 Dec 2024 17:50	YP/AJ	Ok

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC121024AL

Review By	yogesh	Review On	12/9/2024 4:27:54 PM
Supervise By	Ankita	Supervise On	12/11/2024 9:05:29 AM
SubDirectory	FC121024AL	HP Acquire Method	HP Processing Method FC121024AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649		
CCC Internal Standard/PEM	PP23647		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23645,PP23650		

22	20 PPM ALIPHATIC HC STD	FC067980.D	10 Dec 2024 19:03	YP/AJ	Ok,M
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M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC122024AL

Review By	yogesh	Review On	12/20/2024 10:31:09 AM
Supervise By	Ankita	Supervise On	12/27/2024 7:46:00 AM
SubDirectory	FC122024AL	HP Acquire Method	HP Processing Method FC121024AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649		
CCC Internal Standard/PEM	PP23647		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23645,PP23650		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC068057.D	20 Dec 2024 06:40	YP/AJ	Ok
2	I.BLK	FC068058.D	20 Dec 2024 07:15	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC068059.D	20 Dec 2024 09:05	YP/AJ	Ok,M
4	PB165775BL	FC068060.D	20 Dec 2024 10:34	YP/AJ	Ok
5	PB165775BS	FC068061.D	20 Dec 2024 11:10	YP/AJ	Ok,M
6	PB165775BSD	FC068062.D	20 Dec 2024 11:46	YP/AJ	Ok,M
7	P5299-01	FC068063.D	20 Dec 2024 12:45	YP/AJ	Ok
8	P5299-02	FC068064.D	20 Dec 2024 13:21	YP/AJ	Ok
9	P5299-03	FC068065.D	20 Dec 2024 13:58	YP/AJ	Ok
10	P5299-04	FC068066.D	20 Dec 2024 15:12	YP/AJ	Ok
11	P5299-04D	FC068067.D	20 Dec 2024 15:49	YP/AJ	Ok
12	P5299-04MS	FC068068.D	20 Dec 2024 16:26	YP/AJ	Ok,M
13	P5299-04MSD	FC068069.D	20 Dec 2024 17:03	YP/AJ	Ok,M
14	I.BLK	FC068070.D	20 Dec 2024 17:40	YP/AJ	Ok
15	20 PPM ALIPHATIC HC STD	FC068071.D	20 Dec 2024 18:17	YP/AJ	Ok,M
16	PB165783BL	FC068072.D	20 Dec 2024 19:29	YP/AJ	Ok
17	PB165783BS	FC068073.D	20 Dec 2024 20:05	YP/AJ	Ok
18	PB165783BSD	FC068074.D	20 Dec 2024 20:41	YP/AJ	Ok
19	P5356-01	FC068075.D	20 Dec 2024 21:17	YP/AJ	Ok
20	I.BLK	FC068076.D	20 Dec 2024 21:54	YP/AJ	Ok
21	20 PPM ALIPHATIC HC STD	FC068077.D	20 Dec 2024 22:30	YP/AJ	Ok,M

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD121024AR

Review By	yogesh	Review On	12/9/2024 4:28:57 PM
Supervise By	Ankita	Supervise On	12/10/2024 10:25:25 AM
SubDirectory	FD121024AR	HP Acquire Method	HP Processing Method FD121024AR
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	FD048860.D	10 Dec 2024 01:46	YP/AJ	Ok
2	I.BLK	FD048861.D	10 Dec 2024 02:22	YP/AJ	Ok
3	100 PPM AROMATIC HC STD1	FD048862.D	10 Dec 2024 02:58	YP/AJ	Ok,M
4	50 PPM AROMATIC HC STD2	FD048863.D	10 Dec 2024 03:35	YP/AJ	Ok
5	20 PPM AROMATIC HC STD3	FD048864.D	10 Dec 2024 04:12	YP/AJ	Ok
6	10 PPM AROMATIC HC STD4	FD048865.D	10 Dec 2024 04:48	YP/AJ	Ok,M
7	5 PPM AROMATIC HC STD5	FD048866.D	10 Dec 2024 05:24	YP/AJ	Ok,M
8	20 PPM AROMATIC HC STD ICV	FD048867.D	10 Dec 2024 06:01	YP/AJ	Ok,M
9	I.BLK	FD048868.D	10 Dec 2024 07:14	YP/AJ	Ok
10	20 PPM AROMATIC HC STD	FD048869.D	10 Dec 2024 07:51	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD122024AR

Review By	yogesh	Review On	12/20/2024 10:32:17 AM
Supervise By	Ankita	Supervise On	12/27/2024 7:46:24 AM
SubDirectory	FD122024AR	HP Acquire Method	HP Processing Method FD121024AR
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	FD048895.D	20 Dec 2024 06:40	YP/AJ	Ok
2	I.BLK	FD048896.D	20 Dec 2024 07:15	YP/AJ	Ok
3	20 PPM AROMATIC HC STD	FD048897.D	20 Dec 2024 09:05	YP/AJ	Ok,M
4	PB165775BL	FD048898.D	20 Dec 2024 10:34	YP/AJ	Ok
5	PB165775BS	FD048899.D	20 Dec 2024 11:10	YP/AJ	Ok,M
6	PB165775BSD	FD048900.D	20 Dec 2024 11:46	YP/AJ	Ok
7	P5299-01	FD048901.D	20 Dec 2024 12:45	YP/AJ	Ok
8	P5299-02	FD048902.D	20 Dec 2024 13:21	YP/AJ	Ok
9	P5299-03	FD048903.D	20 Dec 2024 13:58	YP/AJ	Ok
10	P5299-04	FD048904.D	20 Dec 2024 15:12	YP/AJ	Ok
11	P5299-04D	FD048905.D	20 Dec 2024 15:49	YP/AJ	Ok
12	P5299-04MS	FD048906.D	20 Dec 2024 16:26	YP/AJ	Ok,M
13	P5299-04MSD	FD048907.D	20 Dec 2024 17:03	YP/AJ	Ok
14	I.BLK	FD048908.D	20 Dec 2024 17:40	YP/AJ	Ok
15	20 PPM AROMATIC HC STD	FD048909.D	20 Dec 2024 18:17	YP/AJ	Ok
16	PB165783BL	FD048910.D	20 Dec 2024 19:29	YP/AJ	Ok
17	PB165783BS	FD048911.D	20 Dec 2024 20:05	YP/AJ	Ok
18	PB165783BSD	FD048912.D	20 Dec 2024 20:41	YP/AJ	Ok
19	P5356-01	FD048913.D	20 Dec 2024 21:17	YP/AJ	Ok
20	I.BLK	FD048914.D	20 Dec 2024 21:54	YP/AJ	Ok
21	20 PPM AROMATIC HC STD	FD048915.D	20 Dec 2024 22:30	YP/AJ	Ok,M

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC121024AL

Review By	yogesh	Review On	12/9/2024 4:27:54 PM
Supervise By	Ankita	Supervise On	12/11/2024 9:05:29 AM
SubDirectory	FC121024AL	HP Acquire Method	HP Processing Method FC121024AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649		
CCC	PP23647		
Internal Standard/PEM			
ICV/I.BLK	PP23645,PP23650		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC067959.D	10 Dec 2024 03:35		YP/AJ	Ok
2	I.BLK	I.BLK	FC067960.D	10 Dec 2024 04:12		YP/AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FC067961.D	10 Dec 2024 04:48		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC067962.D	10 Dec 2024 05:24		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC067963.D	10 Dec 2024 06:01		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC067964.D	10 Dec 2024 06:37		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC067965.D	10 Dec 2024 07:14		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC067966.D	10 Dec 2024 07:51		YP/AJ	Ok
9	I.BLK	I.BLK	FC067967.D	10 Dec 2024 09:03		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC067968.D	10 Dec 2024 09:40		YP/AJ	Ok
11	P5145-01DL	286085DL	FC067969.D	10 Dec 2024 10:16		YP/AJ	Ok
12	I.BLK	I.BLK	FC067970.D	10 Dec 2024 11:29		YP/AJ	Ok
13	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC067971.D	10 Dec 2024 12:59		YP/AJ	Ok,M
14	PB165523BL	PB165523BL	FC067972.D	10 Dec 2024 13:36		YP/AJ	Ok
15	PB165523BS	PB165523BS	FC067973.D	10 Dec 2024 14:12		YP/AJ	Ok,M
16	PB165523BSD	PB165523BSD	FC067974.D	10 Dec 2024 14:49		YP/AJ	Ok,M
17	P5216-09	MH-744	FC067975.D	10 Dec 2024 15:25		YP/AJ	Ok
18	P5216-09D	P5216-09D	FC067976.D	10 Dec 2024 16:02		YP/AJ	Ok

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC121024AL

Review By	yogesh	Review On	12/9/2024 4:27:54 PM
Supervise By	Ankita	Supervise On	12/11/2024 9:05:29 AM
SubDirectory	FC121024AL	HP Acquire Method	HP Processing Method FC121024AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649		
CCC	PP23647		
Internal Standard/PEM			
ICV/I.BLK	PP23645,PP23650		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	P5216-09MS	MH-744MS	FC067977.D	10 Dec 2024 16:38	FC067975.D	YP/AJ	Ok,M
20	P5216-09MSD	MH-744MSD	FC067978.D	10 Dec 2024 17:14	FC067975.D!FC067977.D	YP/AJ	Ok,M
21	I.BLK	I.BLK	FC067979.D	10 Dec 2024 17:50		YP/AJ	Ok
22	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC067980.D	10 Dec 2024 19:03		YP/AJ	Ok,M

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC122024AL

Review By	yogesh	Review On	12/20/2024 10:31:09 AM
Supervise By	Ankita	Supervise On	12/27/2024 7:46:00 AM
SubDirectory	FC122024AL	HP Acquire Method	HP Processing Method FC121024AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649		
CCC	PP23647		
Internal Standard/PEM	PP23645,PP23650		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC068057.D	20 Dec 2024 06:40		YP/AJ	Ok
2	I.BLK	I.BLK	FC068058.D	20 Dec 2024 07:15		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068059.D	20 Dec 2024 09:05		YP/AJ	Ok,M
4	PB165775BL	PB165775BL	FC068060.D	20 Dec 2024 10:34		YP/AJ	Ok
5	PB165775BS	PB165775BS	FC068061.D	20 Dec 2024 11:10		YP/AJ	Ok,M
6	PB165775BSD	PB165775BSD	FC068062.D	20 Dec 2024 11:46		YP/AJ	Ok,M
7	P5299-01	SB-01	FC068063.D	20 Dec 2024 12:45		YP/AJ	Ok
8	P5299-02	SB-02	FC068064.D	20 Dec 2024 13:21		YP/AJ	Ok
9	P5299-03	SB-01	FC068065.D	20 Dec 2024 13:58		YP/AJ	Ok
10	P5299-04	SB-02	FC068066.D	20 Dec 2024 15:12		YP/AJ	Ok
11	P5299-04D	P5299-04D	FC068067.D	20 Dec 2024 15:49		YP/AJ	Ok
12	P5299-04MS	SB-02MS	FC068068.D	20 Dec 2024 16:26	FC068066.D	YP/AJ	Ok,M
13	P5299-04MSD	SB-02MSD	FC068069.D	20 Dec 2024 17:03	FC068066.D!FC068068.D	YP/AJ	Ok,M
14	I.BLK	I.BLK	FC068070.D	20 Dec 2024 17:40		YP/AJ	Ok
15	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068071.D	20 Dec 2024 18:17		YP/AJ	Ok,M
16	PB165783BL	PB165783BL	FC068072.D	20 Dec 2024 19:29		YP/AJ	Ok
17	PB165783BS	PB165783BS	FC068073.D	20 Dec 2024 20:05		YP/AJ	Ok
18	PB165783BSD	PB165783BSD	FC068074.D	20 Dec 2024 20:41		YP/AJ	Ok

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC122024AL

Review By	yogesh	Review On	12/20/2024 10:31:09 AM
Supervise By	Ankita	Supervise On	12/27/2024 7:46:00 AM
SubDirectory	FC122024AL	HP Acquire Method	HP Processing Method FC121024AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649		
CCC	PP23647		
Internal Standard/PEM			
ICV/I.BLK	PP23645,PP23650		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	P5356-01	STAND-PIPE	FC068075.D	20 Dec 2024 21:17		YP/AJ	Ok
20	I.BLK	I.BLK	FC068076.D	20 Dec 2024 21:54		YP/AJ	Ok
21	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068077.D	20 Dec 2024 22:30		YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD121024AR

Review By	yogesh	Review On	12/9/2024 4:28:57 PM	
Supervise By	Ankita	Supervise On	12/10/2024 10:25:25 AM	
SubDirectory	FD121024AR	HP Acquire Method	HP Processing Method	FD121024AR
STD. NAME	STD REF.#			
Tune/Reschk Initial Calibration Stds	PP23968,PP23970,PP23971,PP23972,PP23973			
CCC Internal Standard/PEM	PP23971			
ICV/I.BLK Surrogate Standard	PP23969,PP23974			
MS/MSD Standard LCS Standard				

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FD048860.D	10 Dec 2024 01:46		YP/AJ	Ok
2	I.BLK	I.BLK	FD048861.D	10 Dec 2024 02:22		YP/AJ	Ok
3	100 PPM AROMATIC HC	100 PPM AROMATIC HC	FD048862.D	10 Dec 2024 02:58		YP/AJ	Ok,M
4	50 PPM AROMATIC HC	50 PPM AROMATIC HC	FD048863.D	10 Dec 2024 03:35		YP/AJ	Ok
5	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD048864.D	10 Dec 2024 04:12		YP/AJ	Ok
6	10 PPM AROMATIC HC	10 PPM AROMATIC HC	FD048865.D	10 Dec 2024 04:48		YP/AJ	Ok,M
7	5 PPM AROMATIC HC	5 PPM AROMATIC HC	FD048866.D	10 Dec 2024 05:24		YP/AJ	Ok,M
8	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD048867.D	10 Dec 2024 06:01		YP/AJ	Ok,M
9	I.BLK	I.BLK	FD048868.D	10 Dec 2024 07:14		YP/AJ	Ok
10	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD048869.D	10 Dec 2024 07:51		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD122024AR

Review By	yogesh	Review On	12/20/2024 10:32:17 AM	
Supervise By	Ankita	Supervise On	12/27/2024 7:46:24 AM	
SubDirectory	FD122024AR	HP Acquire Method	HP Processing Method	FD121024AR
STD. NAME		STD REF.#		
Tune/Reschk Initial Calibration Stds		PP23968,PP23970,PP23971,PP23972,PP23973		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard		PP23971 PP23969,PP23974		

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FD048895.D	20 Dec 2024 06:40		YP/AJ	Ok
2	I.BLK	I.BLK	FD048896.D	20 Dec 2024 07:15		YP/AJ	Ok
3	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD048897.D	20 Dec 2024 09:05		YP/AJ	Ok,M
4	PB165775BL	PB165775BL	FD048898.D	20 Dec 2024 10:34		YP/AJ	Ok
5	PB165775BS	PB165775BS	FD048899.D	20 Dec 2024 11:10		YP/AJ	Ok,M
6	PB165775BSD	PB165775BSD	FD048900.D	20 Dec 2024 11:46		YP/AJ	Ok
7	P5299-01	SB-01	FD048901.D	20 Dec 2024 12:45		YP/AJ	Ok
8	P5299-02	SB-02	FD048902.D	20 Dec 2024 13:21		YP/AJ	Ok
9	P5299-03	SB-01	FD048903.D	20 Dec 2024 13:58		YP/AJ	Ok
10	P5299-04	SB-02	FD048904.D	20 Dec 2024 15:12		YP/AJ	Ok
11	P5299-04D	P5299-04D	FD048905.D	20 Dec 2024 15:49		YP/AJ	Ok
12	P5299-04MS	SB-02MS	FD048906.D	20 Dec 2024 16:26	FD048904.D	YP/AJ	Ok,M
13	P5299-04MSD	SB-02MSD	FD048907.D	20 Dec 2024 17:03	FD048904.D!FD048906.D	YP/AJ	Ok
14	I.BLK	I.BLK	FD048908.D	20 Dec 2024 17:40		YP/AJ	Ok
15	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD048909.D	20 Dec 2024 18:17		YP/AJ	Ok
16	PB165783BL	PB165783BL	FD048910.D	20 Dec 2024 19:29		YP/AJ	Ok
17	PB165783BS	PB165783BS	FD048911.D	20 Dec 2024 20:05		YP/AJ	Ok
18	PB165783BSD	PB165783BSD	FD048912.D	20 Dec 2024 20:41		YP/AJ	Ok

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QCBatch ID # FD122024AR

Review By	yogesh	Review On	12/20/2024 10:32:17 AM	
Supervise By	Ankita	Supervise On	12/27/2024 7:46:24 AM	
SubDirectory	FD122024AR	HP Acquire Method	HP Processing Method	FD121024AR
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				

19	P5356-01	STAND-PIPE	FD048913.D	20 Dec 2024 21:17		YP/AJ	Ok
20	I.BLK	I.BLK	FD048914.D	20 Dec 2024 21:54		YP/AJ	Ok
21	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD048915.D	20 Dec 2024 22:30		YP/AJ	Ok,M

M : Manual Integration

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SOP ID: MNJDEP-EPH-7

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: RJ **Extraction By:** RJ

Balance check: RJ **Filter By:** RJ

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

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

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

Extraction Start Date : 12/19/2024

Extraction Start Time : 14:05

Extraction End Date : 12/20/2024

Extraction End Time : 10:25

Concentration By: EH

Supervisor By : rajesh

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24092
Surrogate	1.0ML	100 PPM	PP23989
Fractionation Surrogate	1.0ML	100 PPM	PP24097
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	EP2560
Baked Na2SO4	N/A	EP2573
Sand	N/A	E2865
Hexane	N/A	E3847
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

KD Bath ID: N/A **Envap ID:** NEVAP-02

KD Bath Temperature: N/A **Envap Temperature:** 40 °C

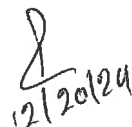
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/20/24	RP (Sat Lab)	Y.P. PESTIPCB
10:30	Preparation Group	Analysis Group

Analytical Method: MNJDEP-EPH-7

Concentration Date: 12/20/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165775BL	PB165775BL	EPH	30.03	N/A	RUPESH	ritesh	2			U5-1
PB165775BS	PB165775BS	EPH	30.01	N/A	RUPESH	ritesh	2			2
PB165775BS D	PB165775BSD	EPH	30.01	N/A	RUPESH	ritesh	2			3
P5299-01	SB-01	EPH	30.06	N/A	RUPESH	ritesh	2	E		4
P5299-02	SB-02	EPH	30.07	N/A	RUPESH	ritesh	2	E		5
P5299-03	SB-01	EPH	30.03	N/A	RUPESH	ritesh	2	E		6
P5299-04	SB-02	EPH	30.03	N/A	RUPESH	ritesh	2	E		U4-1
P5299-04DUP	SB-02DUP	EPH	30.01	N/A	ritesh	Evelyn	2	E		2
P5299-04MS	SB-02MS	EPH	30.02	N/A	RUPESH	ritesh	2	E		2
P5299-04MS D	SB-02MSD	EPH	30.01	N/A	RUPESH	ritesh	2	E		3

* Extracts relinquished on the same date as received.



14:03
165771

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P5299N

WorkList ID : 186502

Department : Extraction

Date : 12-19-2024 13:57:01

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5299-01	SB-01	Solid	EPH	Cool 4 deg C	PORT06	L41	12/14/2024	NJEPH
P5299-02	SB-02	Solid	EPH	Cool 4 deg C	PORT06	L41	12/15/2024	NJEPH
P5299-03	SB-01	Solid	EPH	Cool 4 deg C	PORT06	L41	12/15/2024	NJEPH
P5299-04	SB-02	Solid	EPH	Cool 4 deg C	PORT06	L41	12/15/2024	NJEPH

Date/Time 12/19/24 14:00

Raw Sample Received by: RJ (Setplog)

Raw Sample Relinquished by: ASm

Date/Time 12/19/24 14:25

Raw Sample Received by: ASm

Raw Sample Relinquished by: RJ (Setplog)

LAB CHRONICLE

OrderID:	P5299	OrderDate:	12/16/2024 12:24:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2024
Contact:	Joseph Krupansky	Location:	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5299-01	SB-01	SOIL	PCB	8082A	12/14/24	12/18/24	12/18/24	12/16/24
			EPH	NJEPH		12/19/24	12/20/24	
P5299-02	SB-02	SOIL	PCB	8082A	12/15/24	12/18/24	12/18/24	12/16/24
			EPH	NJEPH		12/19/24	12/20/24	
P5299-03	SB-01	SOIL	PCB	8082A	12/15/24	12/18/24	12/18/24	12/16/24
			EPH	NJEPH		12/19/24	12/20/24	
P5299-04	SB-02	SOIL	PCB	8082A	12/15/24	12/18/24	12/18/24	12/16/24
			EPH	NJEPH		12/19/24	12/20/24	