SAMPLE DATA

Raw Data: **FE054672.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:	06/30/25	
Project:	Lexington		Date Received:	07/01/25	
Client Sample ID:	GPX1		SDG No.:	Q2480	
Lab Sample ID:	Q2480-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.3	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 17:50	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	9.19		1	1.34	2.26	mg/kg	FE054672.D
Aliphatic C9-C28	Aliphatic C9-C28	8.76		1	1.03	4.53	mg/kg	FE054672.D
Total AliphaticEPH	Total AliphaticEPH	17.9			2.37	6.79	mg/kg	
Total EPH	Total EPH	17.9			2.37	6.79	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental		Date Collected:	06/30/25	
Project:	Lexington		Date Received:	07/01/25	
Client Sample ID:	GPX1		SDG No.:	Q2480	
Lab Sample ID:	Q2480-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.3	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054672.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	8.76		1.03	4.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	9.19		1.34	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.0		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.3		40 - 140	57%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-01	Acq On:	02 Jul 2025 17:50
Client Sample ID:	GPX1	Operator:	YP\AJ
Data file:	FE054672.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.951	2172616	15.969	300	ug/ml
Aliphatic C12-C16	6.952	10.402	1562367	11.115	200	ug/ml
Aliphatic C16-C21	10.403	13.777	4717329	32.67	300	ug/ml
Aliphatic C21-C28	13.778	17.448	8119295	56.13	400	ug/ml
Aliphatic C28-C40	17.449	22.462	16882706	121.767	600	ug/ml
Aliphatic EPH	3.319	22.462	33454313	237.65		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	4602571	28.34		ug/ml
1-chlorooctadecane (SURR)	13.513	13.513	3792627	30.03		ug/ml
Aliphatic C9-C28	3.319	17.448	16571607	115.884	1200	ug/ml

Raw Data: **FE054673.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	06/30/25	
Project:	Lexington		Date Received:	07/01/25	
Client Sample ID:	GPX2		SDG No.:	Q2480	
Lab Sample ID:	Q2480-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	89.3	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 18:20	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	12.2		1	1.32	2.24	mg/kg	FE054673.D
Aliphatic C9-C28	Aliphatic C9-C28	13.4		1	1.02	4.48	mg/kg	FE054673.D
Total AliphaticEPH	Total AliphaticEPH	25.6			2.34	6.72	mg/kg	
Total EPH	Total EPH	25.6			2.34	6.72	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

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Report of Analysis

Client:	G Environmental		Date Collected:	06/30/25	
Project:	Lexington		Date Received:	07/01/25	
Client Sample ID:	GPX2		SDG No.:	Q2480	
Lab Sample ID:	Q2480-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	89.3	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054673.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	13.4		1.02	4.48	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.2		1.32	2.24	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.0		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.7		40 - 140	59%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-02	Acq On:	02 Jul 2025 18:20
Client Sample ID:	GPX2	Operator:	YP\AJ
Data file:	FE054673.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.951	3480509	25.582	300	ug/ml
Aliphatic C12-C16	6.952	10.402	2108914	15.003	200	ug/ml
Aliphatic C16-C21	10.403	13.777	6051420	41.909	300	ug/ml
Aliphatic C21-C28	13.778	17.448	14143968	97.779	400	ug/ml
Aliphatic C28-C40	17.449	22.462	22652519	163.382	600	ug/ml
Aliphatic EPH	3.319	22.462	48437330	343.655		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	4826976	29.72		ug/ml
1-chlorooctadecane (SURR)	13.513	13.513	4045442	32.03		ug/ml
Aliphatic C9-C28	3.319	17.448	25784811	180.273	1200	ug/ml

Raw Data: **FE054674.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	07/01/25
Project:	Lexington			Date Received:	07/01/25
Client Sample ID:	GPX3			SDG No.:	Q2480
Lab Sample ID:	Q2480-03			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	88.7
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 18:51	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	5.92		1	1.33	2.25	mg/kg	FE054674.D
Aliphatic C9-C28	Aliphatic C9-C28	4.34	J	1	1.02	4.49	mg/kg	FE054674.D
Total AliphaticEPH	Total AliphaticEPH	10.3			2.35	6.74	mg/kg	
Total EPH	Total EPH	10.3			2.35	6.74	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

Raw Data: **FE054674.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	07/01/25	
Project:	Lexington		Date Received:	07/01/25	
Client Sample ID:	GPX3		SDG No.:	Q2480	
Lab Sample ID:	Q2480-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.7	
Sample Wt/Vol:	30.09	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054674.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		4.34	J	1.02	4.49	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		5.92		1.33	2.25	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		38.3		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		37.5		40 - 140	75%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-03	Acq On:	02 Jul 2025 18:51
Client Sample ID:	GPX3	Operator:	YP\AJ
Data file:	FE054674.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.951	2496442	18.349	300	ug/ml
Aliphatic C12-C16	6.952	10.402	1625249	11.562	200	ug/ml
Aliphatic C16-C21	10.403	13.777	1844325	12.773	300	ug/ml
Aliphatic C21-C28	13.778	17.448	2228650	15.407	400	ug/ml
Aliphatic C28-C40	17.449	22.462	10951493	78.988	600	ug/ml
Aliphatic EPH	3.319	22.462	19146159	137.079		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	6088770	37.49		ug/ml
1-chlorooctadecane (SURR)	13.513	13.513	4831316	38.25		ug/ml
Aliphatic C9-C28	3.319	17.448	8194666	58.091	1200	ug/ml

Raw Data: **FE054675.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	07/01/25
Project:	Lexington			Date Received:	07/01/25
Client Sample ID:	GPX4			SDG No.:	Q2480
Lab Sample ID:	Q2480-04			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	87.9
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 19:21	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	4.74		1	1.34	2.27	mg/kg	FE054675.D
Aliphatic C9-C28	Aliphatic C9-C28	3.42	J	1	1.03	4.55	mg/kg	FE054675.D
Total AliphaticEPH	Total AliphaticEPH	8.16			2.37	6.82	mg/kg	
Total EPH	Total EPH	8.16			2.37	6.82	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

Raw Data: **FE054675.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	07/01/25	
Project:	Lexington		Date Received:	07/01/25	
Client Sample ID:	GPX4		SDG No.:	Q2480	
Lab Sample ID:	Q2480-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.9	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054675.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28		Aliphatic C9-C28	3.42	J	1.03	4.55	mg/kg
Aliphatic C28-C40		Aliphatic C28-C40	4.74		1.34	2.27	mg/kg
SURROGATES							
3383-33-2		1-chlorooctadecane (SURR)	30.5		40 - 140	61%	SPK: 50
84-15-1		ortho-Terphenyl (SURR)	30.1		40 - 140	60%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-04	Acq On:	02 Jul 2025 19:21
Client Sample ID:	GPX4	Operator:	YP\AJ
Data file:	FE054675.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.951	2407833	17.697	300	ug/ml
Aliphatic C12-C16	6.952	10.402	1279298	9.101	200	ug/ml
Aliphatic C16-C21	10.403	13.777	1338134	9.267	300	ug/ml
Aliphatic C21-C28	13.778	17.448	1325297	9.162	400	ug/ml
Aliphatic C28-C40	17.449	22.462	8684379	62.636	600	ug/ml
Aliphatic EPH	3.319	22.462	15034941	107.864		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	4885483	30.08		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	3849837	30.48		ug/ml
Aliphatic C9-C28	3.319	17.448	6350562	45.227	1200	ug/ml

Raw Data: **FE054676.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	07/01/25	
Project:	Lexington		Date Received:	07/01/25	
Client Sample ID:	GPX5		SDG No.:	Q2480	
Lab Sample ID:	Q2480-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	89.5	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 19:52	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	6.32		1	1.32	2.23	mg/kg	FE054676.D
Aliphatic C9-C28	Aliphatic C9-C28	104		2	2.03	8.92	mg/kg	FE054698.D
Total AliphaticEPH	Total AliphaticEPH	110			3.35	11.2	mg/kg	
Total EPH	Total EPH	110			3.35	11.2	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

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Report of Analysis

Client:	G Environmental		Date Collected:	07/01/25	
Project:	Lexington		Date Received:	07/01/25	
Client Sample ID:	GPX5		SDG No.:	Q2480	
Lab Sample ID:	Q2480-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	89.5	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054676.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		108	E	1.01	4.47	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		6.32		1.32	2.23	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		28.2		40 - 140	56%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		27.5		40 - 140	55%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-05	Acq On:	02 Jul 2025 19:52
Client Sample ID:	GPX5	Operator:	YP\AJ
Data file:	FE054676.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.951	151235142	1110	300	ug/ml
Aliphatic C12-C16	6.952	10.402	34343390	244.318	200	ug/ml
Aliphatic C16-C21	10.403	13.777	9544885	66.103	300	ug/ml
Aliphatic C21-C28	13.778	17.448	5145564	35.572	400	ug/ml
Aliphatic C28-C40	17.449	22.462	11779612	84.961	600	ug/ml
Aliphatic EPH	3.319	22.462	212048593	1540		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	4460911	27.47		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	3561608	28.2		ug/ml
Aliphatic C9-C28	3.319	17.448	200268981	1460	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:	07/01/25	
Project:	Lexington		Date Received:	07/01/25	
Client Sample ID:	GPX5DL		SDG No.:	Q2480	
Lab Sample ID:	Q2480-05DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	89.5	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054698.D	2	07/02/25	07/07/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	104		2.03	8.92	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.97		2.63	4.46	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	13.4		40 - 140	54%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	13.4		40 - 140	54%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-05DL	Acq On:	07 Jul 2025 10:24
Client Sample ID:	GPX5DL	Operator:	YP\AJ
Data file:	FE054698.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.322	6.953	74336769	546.373	300	ug/ml
Aliphatic C12-C16	6.954	10.404	16994879	120.901	200	ug/ml
Aliphatic C16-C21	10.405	13.782	2293376	15.883	300	ug/ml
Aliphatic C21-C28	13.783	17.452	2152766	14.882	400	ug/ml
Aliphatic C28-C40	17.453	22.469	6496470	46.856	600	ug/ml
Aliphatic EPH	3.322	22.469	102274260	744.895		ug/ml
ortho-Terphenyl (SURR)	12.080	12.080	2182748	13.44		ug/ml
1-chlorooctadecane (SURR)	13.516	13.516	1691526	13.39		ug/ml
Aliphatic C9-C28	3.322	17.452	95777790	698.039	1200	ug/ml

Raw Data: **FE054677.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	07/01/25	
Project:	Lexington		Date Received:	07/01/25	
Client Sample ID:	GPX6		SDG No.:	Q2480	
Lab Sample ID:	Q2480-06		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.9	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 20:23	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	5.99		1	1.36	2.30	mg/kg	FE054677.D
Aliphatic C9-C28	Aliphatic C9-C28	6.01		1	1.04	4.60	mg/kg	FE054677.D
Total AliphaticEPH	Total AliphaticEPH	12.0			2.40	6.90	mg/kg	
Total EPH	Total EPH	12.0			2.40	6.90	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

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Report of Analysis

Client:	G Environmental		Date Collected:	07/01/25	
Project:	Lexington		Date Received:	07/01/25	
Client Sample ID:	GPX6		SDG No.:	Q2480	
Lab Sample ID:	Q2480-06		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.9	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054677.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6.01		1.04	4.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.99		1.36	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.0		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.1		40 - 140	64%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-06	Acq On:	02 Jul 2025 20:23
Client Sample ID:	GPX6	Operator:	YP\AJ
Data file:	FE054677.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.951	5434397	39.943	300	ug/ml
Aliphatic C12-C16	6.952	10.402	1947411	13.854	200	ug/ml
Aliphatic C16-C21	10.403	13.777	1699521	11.77	300	ug/ml
Aliphatic C21-C28	13.778	17.448	1864208	12.888	400	ug/ml
Aliphatic C28-C40	17.449	22.462	10839865	78.183	600	ug/ml
Aliphatic EPH	3.319	22.462	21785402	156.637		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	5216494	32.12		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	4042898	32.01		ug/ml
Aliphatic C9-C28	3.319	17.448	10945537	78.455	1200	ug/ml

Raw Data: **FE054678.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	07/01/25	
Project:	Lexington		Date Received:	07/01/25	
Client Sample ID:	GPX7		SDG No.:	Q2480	
Lab Sample ID:	Q2480-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.8	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 20:53	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	5.34		1	1.34	2.27	mg/kg	FE054678.D
Aliphatic C9-C28	Aliphatic C9-C28	36.8		1	1.03	4.55	mg/kg	FE054678.D
Total AliphaticEPH	Total AliphaticEPH	42.1			2.37	6.82	mg/kg	
Total EPH	Total EPH	42.1			2.37	6.82	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

Raw Data: **FE054678.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	07/01/25	
Project:	Lexington		Date Received:	07/01/25	
Client Sample ID:	GPX7		SDG No.:	Q2480	
Lab Sample ID:	Q2480-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.8	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054678.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	36.8		1.03	4.55	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.34		1.34	2.27	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.4		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.0		40 - 140	58%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-07	Acq On:	02 Jul 2025 20:53
Client Sample ID:	GPX7	Operator:	YP\AJ
Data file:	FE054678.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.951	49366253	362.84	300	ug/ml
Aliphatic C12-C16	6.952	10.402	11713126	83.327	200	ug/ml
Aliphatic C16-C21	10.403	13.777	2697510	18.682	300	ug/ml
Aliphatic C21-C28	13.778	17.448	3003677	20.765	400	ug/ml
Aliphatic C28-C40	17.449	22.462	9782592	70.557	600	ug/ml
Aliphatic EPH	3.319	22.462	76563158	556.171		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	4715622	29.04		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	3963092	31.38		ug/ml
Aliphatic C9-C28	3.319	17.448	66780566	485.614	1200	ug/ml

Raw Data: **FE054679.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX8	SDG No.:	Q2480
Lab Sample ID:	Q2480-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 21:24	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	6.35		1	1.35	2.29	mg/kg	FE054679.D
Aliphatic C9-C28	Aliphatic C9-C28	47.3		1	1.04	4.59	mg/kg	FE054679.D
Total AliphaticEPH	Total AliphaticEPH	53.7			2.39	6.88	mg/kg	
Total EPH	Total EPH	53.7			2.39	6.88	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

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Report of Analysis

Client:	G Environmental		Date Collected:	07/01/25	
Project:	Lexington		Date Received:	07/01/25	
Client Sample ID:	GPX8		SDG No.:	Q2480	
Lab Sample ID:	Q2480-08		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.2	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054679.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	47.3		1.04	4.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.35		1.35	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.6		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.6		40 - 140	59%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-08	Acq On:	02 Jul 2025 21:24
Client Sample ID:	GPX8	Operator:	YP\AJ
Data file:	FE054679.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.951	61528928	452.235	300	ug/ml
Aliphatic C12-C16	6.952	10.402	14123911	100.477	200	ug/ml
Aliphatic C16-C21	10.403	13.777	3122692	21.626	300	ug/ml
Aliphatic C21-C28	13.778	17.448	6609485	45.692	400	ug/ml
Aliphatic C28-C40	17.449	22.462	11522473	83.106	600	ug/ml
Aliphatic EPH	3.319	22.462	96907489	703.138		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	4801239	29.57		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	3989935	31.59		ug/ml
Aliphatic C9-C28	3.319	17.448	85385016	620.03	1200	ug/ml

QC SUMMARY

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SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM CASE No.: Q2480 SAS No.: Q2480 SDG No.: Q2480

Run Number: FC070225AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB168702BL	71	69		0
PB168702BS	76	73		0
PB168702BSD	74	71		0
WC-1MS	49	47		0
WC-1MSD	50	48		0

	QC LIMITS
1-chlorooctadecane (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

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM CASE No.: Q2480 SAS No.: Q2480 SDG No.: Q2480

Run Number: FE070225AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
GPX1	60	57		0
GPX2	64	59		0
GPX3	76	75		0
GPX4	61	60		0
GPX5	56	55		0
GPX6	64	64		0
GPX7	63	58		0
GPX8	63	59		0

	QC LIMITS
1-chlorooctadecane (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

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM CASE No.: Q2480 SAS No.: Q2480 SDG No.: Q2480

Run Number: FE070725AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
GPX5DL	54	54		0

	QC LIMITS
1-chlorooctadecane (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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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q2480 **SAS No :** Q2480 **SDG No:** Q2480

Sample No : Q2478-01MS **Datafile:** FC069361.D **Client ID :** WC-1MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	32.3	25.4	67.2	129		(40-140)
Aliphatic C9-C28	107.7	3.74	67.8	60		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
n-Nonane (C9)	3.6	0.0000	1.8579	52		(40-140)
n-Decane (C10)	3.6	0.0000	4.2542	118		(40-140)
Naphthalene (C11.7)	3.6	0.0000	2.3322	65		(40-140)
n-Dodecane (C12)	3.6	0.0000	2.1284	59		(40-140)
2-methylnaphthalene (C12.89)	3.6	0.0000	2.3160	64		(40-140)
n-Tetradecane (C14)	3.6	0.0000	2.2562	63		(40-140)
n-Hexadecane (C16)	3.6	0.0000	2.3110	64		(40-140)
n-Octadecane (C18)	3.6	0.0000	2.3167	64		(40-140)
n-Eicosane (C20)	3.6	0.0000	2.4955	69		(40-140)
n-Heneicosane (C21)	3.6	0.0000	2.4275	67		(40-140)
n-Docosane (C22)	3.6	0.0000	2.4367	68		(40-140)
n-Tetracosane (C24)	7.2	0.0000	7.3801	103		(40-140)
n-Hexacosane (C26)	3.6	0.0000	2.4404	68		(40-140)
n-Octacosane (C28)	3.6	0.0000	2.6435	73		(40-140)
n-Tricontane (C30)	3.6	0.0000	2.7421	76		(40-140)
n-Dotriacontane (C32)	3.6	0.0000	3.1705	88		(40-140)
n-Tetratriacontane (C34)	3.6	0.0000	4.2340	118		(40-140)
n-Hexatriacontane (C36)	3.6	0.0000	5.1145	142	*	(40-140)
n-Octatriacontane (C38)	3.6	0.0000	7.0161	195	*	(40-140)
n-Tetracontane (C40)	3.6	0.0000	5.0876	141	*	(40-140)

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q2480 **SAS No :** Q2480 **SDG No:** Q2480

Sample No : Q2478-01MSD **Datafile:** FC069362.D **Client ID :** WC-1MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD | QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	32.3	25.4	67.3	129		0 | (40-140)	50
Aliphatic C9-C28	107.6	3.74	69.5	61		2.7 | (40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD | QC LIMITS	QC Limit Of RPD
n-Nonane (C9)	3.6	0.0000	1.9164	53		1.9 | (40-140)	50
n-Decane (C10)	3.6	0.0000	4.3837	122		3.33 | (40-140)	50
Naphthalene (C11.7)	3.6	0.0000	2.3979	67		3.03 | (40-140)	50
n-Dodecane (C12)	3.6	0.0000	2.1905	61		3.33 | (40-140)	50
2-methylnaphthalene (C12.89)	3.6	0.0000	2.3774	66		3.08 | (40-140)	50
n-Tetradecane (C14)	3.6	0.0000	2.3173	64		1.57 | (40-140)	50
n-Hexadecane (C16)	3.6	0.0000	2.3721	66		3.08 | (40-140)	50
n-Octadecane (C18)	3.6	0.0000	2.3828	66		3.08 | (40-140)	50
n-Eicosane (C20)	3.6	0.0000	2.5602	71		2.86 | (40-140)	50
n-Heneicosane (C21)	3.6	0.0000	2.4979	69		2.94 | (40-140)	50
n-Docosane (C22)	3.6	0.0000	2.5002	69		1.46 | (40-140)	50
n-Tetracosane (C24)	7.2	0.0000	7.5351	105		1.92 | (40-140)	50
n-Hexacosane (C26)	3.6	0.0000	2.4968	69		1.46 | (40-140)	50
n-Octacosane (C28)	3.6	0.0000	2.6552	74		1.36 | (40-140)	50
n-Tricontane (C30)	3.6	0.0000	2.7555	77		1.31 | (40-140)	50
n-Dotriacontane (C32)	3.6	0.0000	3.1545	88		0 | (40-140)	50
n-Tetratriacontane (C34)	3.6	0.0000	4.1790	116		1.71 | (40-140)	50
n-Hexatriacontane (C36)	3.6	0.0000	6.7837	188	*	27.88 |(40-140)	50
n-Octatriacontane (C38)	3.6	0.0000	6.0645	168	*	14.88 |(40-140)	50
n-Tetracontane (C40)	3.6	0.0000	5.2425	146	*	3.48 | (40-140)	50

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q2480 **SAS No :** Q2480 **SDG No:** Q2480

Sample No : PB168702BS **Datafile:** FC069357.D **Client ID :** PB168702BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	30.0	31.7	105		(40-140)
Aliphatic C9-C28	99.9	74.6	75		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
n-Nonane (C9)	3.3	2.40142	73		(40-140)
n-Decane (C10)	3.3	2.47050	75		(40-140)
Naphthalene (C11.7)	3.3	2.81207	85		(40-140)
n-Dodecane (C12)	3.3	2.54893	77		(40-140)
2-methylnaphthalene (C12.89)	3.3	2.76057	84		(40-140)
n-Tetradecane (C14)	3.3	2.66577	81		(40-140)
n-Hexadecane (C16)	3.3	2.61938	79		(40-140)
n-Octadecane (C18)	3.3	2.58506	78		(40-140)
n-Eicosane (C20)	3.3	2.76151	84		(40-140)
n-Heneicosane (C21)	3.3	2.70040	82		(40-140)
n-Docosane (C22)	3.3	2.69497	82		(40-140)
n-Tetracosane (C24)	6.7	5.48546	82		(40-140)
n-Hexacosane (C26)	3.3	2.68623	81		(40-140)
n-Octacosane (C28)	3.3	2.71170	82		(40-140)
n-Tricontane (C30)	3.3	2.72644	83		(40-140)
n-Dotriacontane (C32)	3.3	2.86506	87		(40-140)
n-Tetratriacontane (C34)	3.3	3.32720	101		(40-140)
n-Hexatriacontane (C36)	3.3	3.69042	112		(40-140)
n-Octatriacontane (C38)	3.3	4.06536	123		(40-140)
n-Tetracontane (C40)	3.3	4.13529	125		(40-140)

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental

Lab Code: CHEM **Cas No:** Q2480 **SAS No :** Q2480 **SDG No:** Q2480

Sample No : PB168702BSD **Datafile:** FC069358.D **Client ID :** PB168702BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD | QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	30.0	31.4	104		0.251| (40-140)	25
Aliphatic C9-C28	99.9	73.1	73		2.2| (40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD | QC LIMITS	QC Limit Of RPD
n-Nonane (C9)	3.3	2.34768	71		2.78| (40-140)	25
n-Decane (C10)	3.3	2.41356	73		2.7| (40-140)	25
Naphthalene (C11.7)	3.3	2.73125	83		2.38| (40-140)	25
n-Dodecane (C12)	3.3	2.47919	75		2.63| (40-140)	25
2-methylnaphthalene (C12.89)	3.3	2.67481	81		3.64| (40-140)	25
n-Tetradecane (C14)	3.3	2.58076	78		3.77| (40-140)	25
n-Hexadecane (C16)	3.3	2.53320	77		2.56| (40-140)	25
n-Octadecane (C18)	3.3	2.49933	76		2.6| (40-140)	25
n-Eicosane (C20)	3.3	2.68854	81		3.64| (40-140)	25
n-Heneicosane (C21)	3.3	2.63654	80		2.47| (40-140)	25
n-Docosane (C22)	3.3	2.64236	80		2.47| (40-140)	25
n-Tetracosane (C24)	6.7	5.41716	81		1.23| (40-140)	25
n-Hexacosane (C26)	3.3	2.66338	81		0| (40-140)	25
n-Octacosane (C28)	3.3	2.69560	82		0| (40-140)	25
n-Tricontane (C30)	3.3	2.70965	82		1.21| (40-140)	25
n-Dotriacontane (C32)	3.3	2.84577	86		1.16| (40-140)	25
n-Tetratriacontane (C34)	3.3	3.30367	100		1| (40-140)	25
n-Hexatriacontane (C36)	3.3	3.66310	111		0.9| (40-140)	25
n-Octatriacontane (C38)	3.3	4.02861	122		0.82| (40-140)	25
n-Tetracontane (C40)	3.3	4.08006	124		0.8| (40-140)	25

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4B

METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168702BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2480 SAS No.: Q2480 SDG NO.: Q2480

Instrument ID: FID_C Lab Sample ID: PB168702BL

Matrix: (soil/water) Solid Date Extracted: 7/2/2025 11:05:00 A

Level: (low/med) low

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

EPA SAMPLE NO.	LAB SAMPLE ID
PB168702BS	PB168702BS
PB168702BSD	PB168702BSD
WC-1MS	Q2478-01MS
WC-1MSD	Q2478-01MSD
GPX1	Q2480-01
GPX2	Q2480-02
GPX3	Q2480-03
GPX4	Q2480-04
GPX5	Q2480-05
GPX6	Q2480-06
GPX7	Q2480-07
GPX8	Q2480-08

COMMENTS:

QC SAMPLE DATA

Raw Data: **FC069356.D**

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Report of Analysis

Client:	G Environmental			Date Collected:			
Project:	Lexington			Date Received:			
Client Sample ID:	PB168702BL			SDG No.:	Q2480		
Lab Sample ID:	PB168702BL			Matrix:	Solid		
Analytical Method:	NJEPH			% Solid:	100		
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	2000	uL	
Soil Aliquot Vol:			uL	Test:	EPH_NF		
Prep Method :							

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 16:50	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FC069356.D
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	4.00	mg/kg	FC069356.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	6.00	mg/kg	
Total EPH	Total EPH	2.09	U		2.09	6.00	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

Raw Data: **FC069356.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	PB168702BL		SDG No.:	Q2480	
Lab Sample ID:	PB168702BL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069356.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.5		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.3		40 - 140	69%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168702BL	Acq On:	02 Jul 2025 16:50
Client Sample ID:	PB168702BL	Operator:	YP/AJ
Data file:	FC069356.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	3.304	6.604	0	0	300	ug/ml
Aliphatic C12-C16	6.605	10.008	0	0	200	ug/ml
Aliphatic C16-C21	10.009	13.377	0	0	300	ug/ml
Aliphatic C21-C28	13.378	17.043	0	0	400	ug/ml
Aliphatic C28-C40	17.044	22.026	0	0	600	ug/ml
Aliphatic EPH	3.304	22.026	0	0		ug/ml
ortho-Terphenyl (SURR)	11.678	11.678	5930322	34.33		ug/ml
1-chlorooctadecane (SURR)	13.113	13.113	4638335	35.5		ug/ml
Aliphatic C9-C28	3.304	17.043	0	0	1200	ug/ml

Raw Data: **FC069357.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	PB168702BS		SDG No.:	Q2480	
Lab Sample ID:	PB168702BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 17:37	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	31.7		1	1.18	2.00	mg/kg	FC069357.D
Aliphatic C9-C28	Aliphatic C9-C28	74.6		1	0.91	3.99	mg/kg	FC069357.D
Total AliphaticEPH	Total AliphaticEPH	106			2.09	5.99	mg/kg	
Total EPH	Total EPH	106			2.09	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

Raw Data: **FC069357.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	PB168702BS		SDG No.:	Q2480	
Lab Sample ID:	PB168702BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069357.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	74.6		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	31.7		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.0		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.6		40 - 140	73%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168702BS	Acq On:	02 Jul 2025 17:37
Client Sample ID:	PB168702BS	Operator:	YP/AJ
Data file:	FC069357.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	3.304	6.604	29348261	200.084	300	ug/ml
Aliphatic C12-C16	6.605	10.008	40997760	257.507	200	ug/ml
Aliphatic C16-C21	10.009	13.377	45243714	292.964	300	ug/ml
Aliphatic C21-C28	13.378	17.043	49679919	370.839	400	ug/ml
Aliphatic C28-C40	17.044	22.026	43887253	476.391	600	ug/ml
Aliphatic EPH	3.304	22.026	209156907	1600		ug/ml
ortho-Terphenyl (SURR)	11.678	11.678	6323173	36.6		ug/ml
1-chlorooctadecane (SURR)	13.113	13.113	4959307	37.96		ug/ml
Aliphatic C9-C28	3.304	17.043	165269654	1120	1200	ug/ml

Raw Data: **FC069358.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	PB168702BSD		SDG No.:	Q2480	
Lab Sample ID:	PB168702BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 18:27	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	31.4		1	1.18	2.00	mg/kg	FC069358.D
Aliphatic C9-C28	Aliphatic C9-C28	73.1		1	0.91	3.99	mg/kg	FC069358.D
Total AliphaticEPH	Total AliphaticEPH	105			2.09	5.99	mg/kg	
Total EPH	Total EPH	105			2.09	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

Raw Data: **FC069358.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	PB168702BSD		SDG No.:	Q2480	
Lab Sample ID:	PB168702BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069358.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	73.1		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	31.4		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.1		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.5		40 - 140	71%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168702BSD	Acq On:	02 Jul 2025 18:27
Client Sample ID:	PB168702BSD	Operator:	YP/AJ
Data file:	FC069358.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	3.304	6.604	28591820	194.927	300	ug/ml
Aliphatic C12-C16	6.605	10.008	39639402	248.975	200	ug/ml
Aliphatic C16-C21	10.009	13.377	44162168	285.961	300	ug/ml
Aliphatic C21-C28	13.378	17.043	49042940	366.084	400	ug/ml
Aliphatic C28-C40	17.044	22.026	43457637	471.728	600	ug/ml
Aliphatic EPH	3.304	22.026	204893967	1570		ug/ml
ortho-Terphenyl (SURR)	11.678	11.678	6140865	35.55		ug/ml
1-chlorooctadecane (SURR)	13.114	13.114	4844779	37.08		ug/ml
Aliphatic C9-C28	3.304	17.043	161436330	1100	1200	ug/ml

Raw Data: **FC069361.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Lexington			Date Received:	
Client Sample ID:	WC-1MS			SDG No.:	Q2480
Lab Sample ID:	Q2478-01MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	92.6
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 20:47	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	67.2	E	1	1.27	2.15	mg/kg	FC069361.D
Aliphatic C9-C28	Aliphatic C9-C28	67.8		1	0.98	4.32	mg/kg	FC069361.D
Total AliphaticEPH	Total AliphaticEPH	135			2.25	6.47	mg/kg	
Total EPH	Total EPH	135			2.25	6.47	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

Raw Data: **FC069361.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	WC-1MS		SDG No.:	Q2480	
Lab Sample ID:	Q2478-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.6	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069361.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28		Aliphatic C9-C28	67.8		0.98	4.32	mg/kg
Aliphatic C28-C40		Aliphatic C28-C40	67.2	E	1.27	2.15	mg/kg
SURROGATES							
3383-33-2		1-chlorooctadecane (SURR)	24.3		40 - 140	49%	SPK: 50
84-15-1		ortho-Terphenyl (SURR)	23.3		40 - 140	47%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2478-01MS	Acq On:	02 Jul 2025 20:47
Client Sample ID:	WC-1MS	Operator:	YP/AJ
Data file:	FC069361.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	3.304	6.604	24148362	164.633	300	ug/ml
Aliphatic C12-C16	6.605	10.008	33531121	210.609	200	ug/ml
Aliphatic C16-C21	10.009	13.377	38378932	248.513	300	ug/ml
Aliphatic C21-C28	13.378	17.043	43163221	322.194	400	ug/ml
Aliphatic C28-C40	17.044	22.026	86194514	935.632	600	ug/ml
Aliphatic EPH	3.304	22.026	225416150	1880		ug/ml
ortho-Terphenyl (SURR)	11.678	11.678	4023882	23.29		ug/ml
1-chlorooctadecane (SURR)	13.114	13.114	3175165	24.3		ug/ml
Aliphatic C9-C28	3.304	17.043	139221636	945.949	1200	ug/ml

Raw Data: **FC069362.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Lexington			Date Received:	
Client Sample ID:	WC-1MSD			SDG No.:	Q2480
Lab Sample ID:	Q2478-01MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	92.6
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 21:34	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	67.3	E	1	1.27	2.15	mg/kg	FC069362.D
Aliphatic C9-C28	Aliphatic C9-C28	69.5		1	0.98	4.32	mg/kg	FC069362.D
Total AliphaticEPH	Total AliphaticEPH	137			2.25	6.47	mg/kg	
Total EPH	Total EPH	137			2.25	6.47	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

Raw Data: **FC069362.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	WC-1MSD		SDG No.:	Q2480	
Lab Sample ID:	Q2478-01MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.6	
Sample Wt/Vol:	30.09 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069362.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		69.5		0.98	4.32	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		67.3	E	1.27	2.15	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		24.9		40 - 140	50%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		23.8		40 - 140	48%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2478-01MSD	Acq On:	02 Jul 2025 21:34
Client Sample ID:	WC-1MSD	Operator:	YP/AJ
Data file:	FC069362.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	3.304	6.604	24731964	168.612	300	ug/ml
Aliphatic C12-C16	6.605	10.008	34408909	216.122	200	ug/ml
Aliphatic C16-C21	10.009	13.377	39309413	254.538	300	ug/ml
Aliphatic C21-C28	13.378	17.043	43980372	328.294	400	ug/ml
Aliphatic C28-C40	17.044	22.026	86413404	938.008	600	ug/ml
Aliphatic EPH	3.304	22.026	228844062	1910		ug/ml
ortho-Terphenyl (SURR)	11.680	11.680	4115666	23.82		ug/ml
1-chlorooctadecane (SURR)	13.115	13.115	3246830	24.85		ug/ml
Aliphatic C9-C28	3.304	17.043	142430658	967.566	1200	ug/ml

CALIBRATION SUMMARY

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Inital Calibration Report for SequenceID : FC061825AL

AreaCount

Parameter Range	FC069221.D	FC069222.D	FC069223.D	FC069224.D	FC069225.D	
Aliphatic C9-C12	42176071.000	20640977.000	8581963.000	4632454.000	2366353.000	
Aliphatic C12-C16	29735945.000	14914656.000	6266673.000	3402693.000	1714249.000	
Aliphatic C16-C21	42009240.000	21363842.000	9096606.000	5044763.000	2549195.000	
Aliphatic C21-C28	49153709.000	24681333.000	10474538.000	5764217.000	2970075.000	
Aliphatic C28-C40	51466619.000	25624553.000	10688039.000	5834277.000	3093728.000	
Aliphatic EPH	214541584.000	107225361.000	45107819.000	24678404.000	12693600.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	146679.6266662	6.053				
Aliphatic C12-C16	159210.532	6.932				
Aliphatic C16-C21	154434.3226664	9.092				
Aliphatic C21-C28	133966.3675	8.814				
Aliphatic C28-C40	92124.4166662	8.439				
Aliphatic EPH	128354.1601108	7.942				

Concentration

Parameter Range	FC069221.D	FC069222.D	FC069223.D	FC069224.D	FC069225.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	FC069221.D	FC069222.D	FC069223.D	FC069224.D	FC069225.D	
Aliphatic C9-C12	140586.903333	137606.513333	143032.716666	154415.133333	157756.866666	
Aliphatic C12-C16	148679.725000	149146.560000	156666.825000	170134.650000	171424.900000	
Aliphatic C16-C21	140030.800000	142425.613333	151610.100000	168158.766666	169946.333333	

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Inital Calibration Report for SequenceID : FC061825AL

Aliphatic C21-C28	122884.272500	123406.665000	130931.725000	144105.425000	148503.750000	
Aliphatic C28-C40	85777.698333	85415.176666	89066.991666	97237.950000	103124.266666	
Aliphatic EPH	119189.768888	119139.290000	125299.497222	137102.244444	141040.000000	

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Inital Calibration Report for SequenceID : FE062725AL

AreaCount

Parameter Range	FE054608.D	FE054609.D	FE054610.D	FE054611.D	FE054612.D	
Aliphatic C9-C12	38319626.000	18841259.000	7903525.000	4345683.000	2255301.000	
Aliphatic C12-C16	26299885.000	12905734.000	5443215.000	2993160.000	1565455.000	
Aliphatic C16-C21	40647007.000	19884289.000	8390490.000	4604333.000	2408955.000	
Aliphatic C21-C28	54422256.000	26660814.000	11204648.000	6127397.000	3213117.000	
Aliphatic C28-C40	69156138.000	36606449.000	15572202.000	9126447.000	5222398.000	
Aliphatic EPH	228844912.000	114898545.000	48514080.000	27197020.000	14665226.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	136055.079333	8.044				
Aliphatic C12-C16	140568.128	8.513				
Aliphatic C16-C21	144393.643333	8.376				
Aliphatic C21-C28	144651.717	8.126				
Aliphatic C28-C40	138647.4919998	17.441				
Aliphatic EPH	140720.791333	11.192				

Concentration

Parameter Range	FE054608.D	FE054609.D	FE054610.D	FE054611.D	FE054612.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	FE054608.D	FE054609.D	FE054610.D	FE054611.D	FE054612.D	
Aliphatic C9-C12	127732.086666	125608.393333	131725.416666	144856.100000	150353.400000	
Aliphatic C12-C16	131499.425000	129057.340000	136080.375000	149658.000000	156545.500000	
Aliphatic C16-C21	135490.023333	132561.926666	139841.500000	153477.766666	160597.000000	

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Inital Calibration Report for SequenceID : FE062725AL

Aliphatic C21-C28	136055.640000	133304.070000	140058.100000	153184.925000	160655.850000	
Aliphatic C28-C40	115260.230000	122021.496666	129768.350000	152107.450000	174079.933333	
Aliphatic EPH	127136.062222	127665.050000	134761.333333	151094.555555	162946.955555	

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Continuing Calibration Report for SequenceID : FC070225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069355.D**						
Aliphatic C9-C12	9339051.000	60.000	3.304	6.604	155650.850	146679.627	-6.116
Aliphatic C12-C16	6424914.000	40.000	6.605	10.008	160622.850	159210.532	-0.887
Aliphatic C16-C21	9216722.000	60.000	10.009	13.377	153612.033	154434.323	0.532
Aliphatic C21-C28	11012797.000	80.000	13.378	17.043	137659.963	133966.368	-2.757
Aliphatic C28-C40	12367304.000	120.000	17.044	22.026	103060.867	92124.417	-11.871
Aliphatic EPH	48360788.000	360.000	3.304	22.026	134335.522	128354.160	-4.660

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	02 Jul 2025 12:53
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069355.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.304	6.604	9339051.000	60.000	ug/ml
Aliphatic C12-C16	6.605	10.008	6424914.000	40.000	ug/ml
Aliphatic C16-C21	10.009	13.377	9216722.000	60.000	ug/ml
Aliphatic C21-C28	13.378	17.043	11012797.000	80.000	ug/ml
Aliphatic C28-C40	17.044	22.026	12367304.000	120.000	ug/ml
Aliphatic EPH	3.304	22.026	48360788.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FC070225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069365.D**						
Aliphatic C9-C12	8532118.000	60.000	3.304	6.604	142201.967	146679.627	3.053
Aliphatic C12-C16	5790506.000	40.000	6.605	10.008	144762.650	159210.532	9.075
Aliphatic C16-C21	8092528.000	60.000	10.009	13.377	134875.467	154434.323	12.665
Aliphatic C21-C28	9462211.000	80.000	13.378	17.043	118277.638	133966.368	11.711
Aliphatic C28-C40	10961952.000	120.000	17.044	22.026	91349.600	92124.417	0.841
Aliphatic EPH	42839315.000	360.000	3.304	22.026	118998.097	128354.160	7.289

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	03 Jul 2025 00:37
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069365.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.304	6.604	8532118.000	60.000	ug/ml
Aliphatic C12-C16	6.605	10.008	5790506.000	40.000	ug/ml
Aliphatic C16-C21	10.009	13.377	8092528.000	60.000	ug/ml
Aliphatic C21-C28	13.378	17.043	9462211.000	80.000	ug/ml
Aliphatic C28-C40	17.044	22.026	10961952.000	120.000	ug/ml
Aliphatic EPH	3.304	22.026	42839315.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FE070225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE054669.D**						
Aliphatic C9-C12	7469118.000	60.000	3.319	6.951	124485.300	136055.079	8.504
Aliphatic C12-C16	5215439.000	40.000	6.952	10.402	130385.975	140568.128	7.244
Aliphatic C16-C21	7671136.000	60.000	10.403	13.777	127852.267	144393.643	11.456
Aliphatic C21-C28	10947905.000	80.000	13.778	17.448	136848.813	144651.717	5.394
Aliphatic C28-C40	17483005.000	120.000	17.449	22.462	145691.708	138647.492	-5.081
Aliphatic EPH	48786603.000	360.000	3.319	22.462	135518.342	140720.791	3.697

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	02 Jul 2025 12:08
Client Sample ID:		Operator:	YP\AJ
Data file:	FE054669.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.319	6.951	7469118.000	60.000	ug/ml
Aliphatic C12-C16	6.952	10.402	5215439.000	40.000	ug/ml
Aliphatic C16-C21	10.403	13.777	7671136.000	60.000	ug/ml
Aliphatic C21-C28	13.778	17.448	10947905.000	80.000	ug/ml
Aliphatic C28-C40	17.449	22.462	17483005.000	120.000	ug/ml
Aliphatic EPH	3.319	22.462	48786603.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FE070225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE054681.D**						
Aliphatic C9-C12	9050829.000	60.000	3.319	6.951	150847.150	136055.079	-10.872
Aliphatic C12-C16	6254036.000	40.000	6.952	10.402	156350.900	140568.128	-11.228
Aliphatic C16-C21	9238520.000	60.000	10.403	13.777	153975.333	144393.643	-6.636
Aliphatic C21-C28	12968372.000	80.000	13.778	17.448	162104.650	144651.717	-12.065
Aliphatic C28-C40	16599930.000	120.000	17.449	22.462	138332.750	138647.492	0.227
Aliphatic EPH	54111687.000	360.000	3.319	22.462	150310.242	140720.791	-6.815

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	02 Jul 2025 22:55
Client Sample ID:		Operator:	YP\AJ
Data file:	FE054681.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.319	6.951	9050829.000	60.000	ug/ml
Aliphatic C12-C16	6.952	10.402	6254036.000	40.000	ug/ml
Aliphatic C16-C21	10.403	13.777	9238520.000	60.000	ug/ml
Aliphatic C21-C28	13.778	17.448	12968372.000	80.000	ug/ml
Aliphatic C28-C40	17.449	22.462	16599930.000	120.000	ug/ml
Aliphatic EPH	3.319	22.462	54111687.000	360.000	ug/ml

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Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE070725AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE054697.D**						
Aliphatic C9-C12	8436858.000	60.000	3.322	6.953	140614.300	136055.079	-3.351
Aliphatic C12-C16	5862431.000	40.000	6.954	10.404	146560.775	140568.128	-4.263
Aliphatic C16-C21	8611042.000	60.000	10.405	13.782	143517.367	144393.643	0.607
Aliphatic C21-C28	12023334.000	80.000	13.783	17.452	150291.675	144651.717	-3.899
Aliphatic C28-C40	15889507.000	120.000	17.453	22.469	132412.558	138647.492	4.497
Aliphatic EPH	50823172.000	360.000	3.322	22.469	141175.478	140720.791	-0.323

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	07 Jul 2025 09:47
Client Sample ID:		Operator:	YP\AJ
Data file:	FE054697.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.322	6.953	8436858.000	60.000	ug/ml
Aliphatic C12-C16	6.954	10.404	5862431.000	40.000	ug/ml
Aliphatic C16-C21	10.405	13.782	8611042.000	60.000	ug/ml
Aliphatic C21-C28	13.783	17.452	12023334.000	80.000	ug/ml
Aliphatic C28-C40	17.453	22.469	15889507.000	120.000	ug/ml
Aliphatic EPH	3.322	22.469	50823172.000	360.000	ug/ml

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Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE070725AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE054704.D**						
Aliphatic C9-C12	8370943.000	60.000	3.322	6.953	139515.717	136055.079	-2.544
Aliphatic C12-C16	5771729.000	40.000	6.954	10.404	144293.225	140568.128	-2.650
Aliphatic C16-C21	8399108.000	60.000	10.405	13.782	139985.133	144393.643	3.053
Aliphatic C21-C28	11772203.000	80.000	13.783	17.452	147152.538	144651.717	-1.729
Aliphatic C28-C40	15996736.000	120.000	17.453	22.469	133306.133	138647.492	3.852
Aliphatic EPH	50310719.000	360.000	3.322	22.469	139751.997	140720.791	0.688

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	07 Jul 2025 13:58
Client Sample ID:		Operator:	YP\AJ
Data file:	FE054704.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.322	6.953	8370943.000	60.000	ug/ml
Aliphatic C12-C16	6.954	10.404	5771729.000	40.000	ug/ml
Aliphatic C16-C21	10.405	13.782	8399108.000	60.000	ug/ml
Aliphatic C21-C28	13.783	17.452	11772203.000	80.000	ug/ml
Aliphatic C28-C40	17.453	22.469	15996736.000	120.000	ug/ml
Aliphatic EPH	3.322	22.469	50310719.000	360.000	ug/ml

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054672.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 17:50
Operator : YP\AJ
Sample : Q2480-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX1

Integration File: autoint1.e
Quant Time: Jul 03 05:10:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.076	4602571	28.342 ug/ml
Spiked Amount 50.000		Recovery =	56.68%
12) S 1-chlorooctadecane (S...	13.513	3792627	30.030 ug/ml
Spiked Amount 50.000		Recovery =	60.06%
Target Compounds			

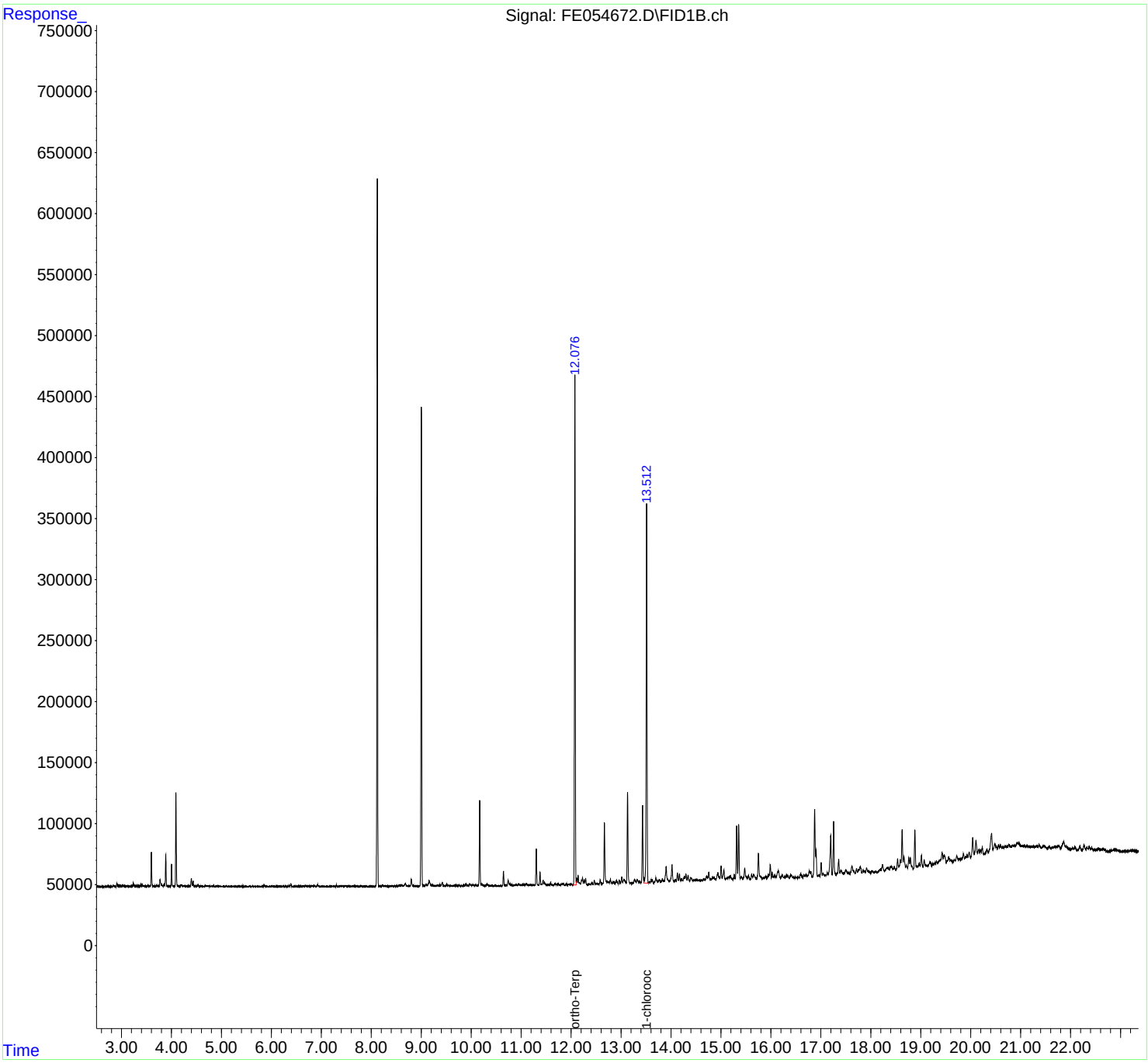
(f)=RT Delta > 1/2 Window (m)=manual int.

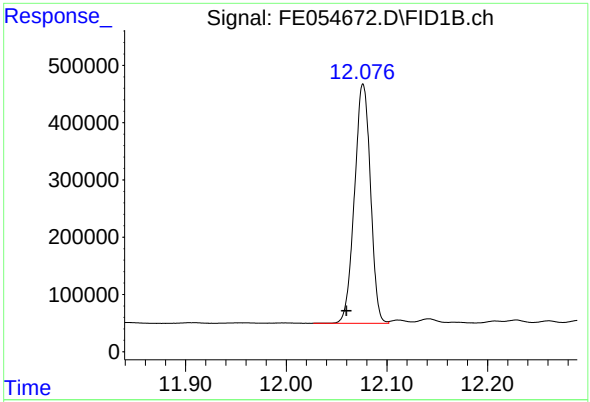
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054672.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 17:50
Operator : YP\AJ
Sample : Q2480-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX1

Integration File: autoint1.e
Quant Time: Jul 03 05:10:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

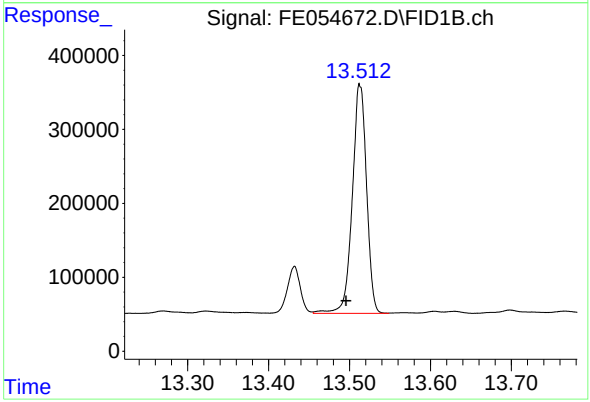




#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.017 min
Response: 4602571
Conc: 28.34 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX1



#12 1-chlorooctadecane (SURR)

R.T.: 13.513 min
Delta R.T.: 0.018 min
Response: 3792627
Conc: 30.03 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054672.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 17:50
Sample : Q2480-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.843	2.804	2.868	BV	752	12645	0.27%	0.030%
2	2.877	2.868	2.891	PV	93	883	0.02%	0.002%
3	2.908	2.891	2.944	VV	2638	36510	0.79%	0.087%
4	2.956	2.944	2.991	VV	585	12729	0.28%	0.030%
5	3.001	2.991	3.017	VV	376	5207	0.11%	0.012%
6	3.031	3.017	3.040	VV	474	5329	0.12%	0.013%
7	3.052	3.040	3.088	VV	641	10683	0.23%	0.025%
8	3.109	3.088	3.136	VV	693	11326	0.25%	0.027%
9	3.149	3.136	3.174	VV	251	4866	0.11%	0.012%
10	3.197	3.174	3.214	VV	364	6936	0.15%	0.017%
11	3.236	3.214	3.278	VV	3007	40514	0.88%	0.096%
12	3.291	3.278	3.304	VV	679	9199	0.20%	0.022%
13	3.316	3.304	3.367	VV	608	15089	0.33%	0.036%
14	3.396	3.367	3.408	VV	1491	19077	0.41%	0.045%
15	3.418	3.408	3.453	VV	1171	16665	0.36%	0.040%
16	3.468	3.453	3.490	VV	346	6607	0.14%	0.016%
17	3.502	3.490	3.514	VV	318	4662	0.10%	0.011%
18	3.529	3.514	3.555	VV	793	13533	0.29%	0.032%
19	3.565	3.555	3.576	VV	527	6307	0.14%	0.015%
20	3.599	3.576	3.681	VV	28235	268864	5.84%	0.640%
21	3.703	3.681	3.725	VV	842	13244	0.29%	0.032%
22	3.735	3.725	3.753	VV	452	6721	0.15%	0.016%
23	3.772	3.753	3.799	VV	5804	77063	1.67%	0.183%
24	3.806	3.799	3.838	VV	1992	25376	0.55%	0.060%
25	3.853	3.838	3.865	VV	1595	18050	0.39%	0.043%
26	3.887	3.865	3.934	VV	26122	246530	5.35%	0.586%
27	3.954	3.934	3.977	VV	314	7086	0.15%	0.017%
28	4.003	3.977	4.047	VV	18250	172662	3.75%	0.411%
29	4.091	4.047	4.168	VV	76210	713912	15.50%	1.698%
30	4.198	4.168	4.235	VV	1437	26950	0.58%	0.064%
31	4.249	4.235	4.313	VV	468	17370	0.38%	0.041%
32	4.328	4.313	4.349	VV	481	7761	0.17%	0.018%
33	4.399	4.349	4.419	VV	6473	84102	1.83%	0.200%
34	4.434	4.419	4.509	VV	4403	60385	1.31%	0.144%
35	4.533	4.509	4.548	VV	1959	21273	0.46%	0.051%
36	4.557	4.548	4.613	VV	653	13707	0.30%	0.033%

rteres

37	4.622	4.613	4.651	VV	270	5111	0.11%	0.012%
38	4.676	4.651	4.708	VV	862	15965	0.35%	0.038%
39	4.719	4.708	4.726	VV	505	4802	0.10%	0.011%
40	4.739	4.726	4.820	VV	773	16979	0.37%	0.040%
41	4.844	4.820	4.881	VV	622	8684	0.19%	0.021%
42	4.907	4.881	4.937	VV	598	11478	0.25%	0.027%
43	4.956	4.937	5.007	VV	493	8886	0.19%	0.021%
44	5.018	5.007	5.030	VV	164	1573	0.03%	0.004%
45	5.046	5.030	5.078	VV	290	5011	0.11%	0.012%
46	5.096	5.078	5.131	VV	250	5604	0.12%	0.013%
47	5.140	5.131	5.170	VV	243	3028	0.07%	0.007%
48	5.182	5.170	5.255	VV	164	6868	0.15%	0.016%
49	5.269	5.255	5.293	VV	235	3413	0.07%	0.008%
50	5.309	5.293	5.328	VV	248	4053	0.09%	0.010%
51	5.338	5.328	5.366	VV	285	4283	0.09%	0.010%
52	5.394	5.366	5.419	VV	270	5774	0.13%	0.014%
53	5.425	5.419	5.446	VV	176	2153	0.05%	0.005%
54	5.466	5.446	5.484	VV	235	2958	0.06%	0.007%
55	5.494	5.484	5.548	VV	196	3124	0.07%	0.007%
56	5.561	5.548	5.577	VV	188	1801	0.04%	0.004%
57	5.622	5.577	5.649	VV	414	6113	0.13%	0.015%
58	5.674	5.649	5.708	VV	132	3223	0.07%	0.008%
59	5.715	5.708	5.741	VV	90	1045	0.02%	0.002%
60	5.756	5.741	5.783	VV	115	1157	0.03%	0.003%
61	5.817	5.783	5.832	VV	399	4591	0.10%	0.011%
62	5.852	5.832	5.908	VV	1869	23170	0.50%	0.055%
63	5.927	5.908	5.944	VV	224	2628	0.06%	0.006%
64	5.961	5.944	5.976	PV	145	1146	0.02%	0.003%
65	6.003	5.976	6.044	VV	187	4484	0.10%	0.011%
66	6.135	6.044	6.174	VV	302	13367	0.29%	0.032%
67	6.199	6.174	6.219	VV	170	3105	0.07%	0.007%
68	6.238	6.219	6.291	VV	273	5316	0.12%	0.013%
69	6.300	6.291	6.318	VV	154	1229	0.03%	0.003%
70	6.361	6.318	6.374	VV	567	9421	0.20%	0.022%
71	6.391	6.374	6.434	VV	2381	26974	0.59%	0.064%
72	6.442	6.434	6.474	VV	241	4521	0.10%	0.011%
73	6.493	6.474	6.524	VV	357	7331	0.16%	0.017%
74	6.559	6.524	6.611	VV	431	12780	0.28%	0.030%
75	6.647	6.611	6.665	VV	372	9170	0.20%	0.022%
76	6.687	6.665	6.728	VV	808	15767	0.34%	0.038%
77	6.739	6.728	6.751	VV	332	4205	0.09%	0.010%
78	6.760	6.751	6.771	VV	278	2973	0.06%	0.007%
79	6.804	6.771	6.828	VV	323	9132	0.20%	0.022%
80	6.850	6.828	6.878	VV	428	8668	0.19%	0.021%
81	6.885	6.878	6.901	VV	175	2172	0.05%	0.005%
82	6.927	6.901	6.988	VV	1531	19473	0.42%	0.046%
83	7.001	6.988	7.016	VV	110	1293	0.03%	0.003%
84	7.024	7.016	7.034	VV	88	598	0.01%	0.001%
85	7.039	7.034	7.108	VV	96	2219	0.05%	0.005%
86	7.151	7.108	7.167	PV	156	3126	0.07%	0.007%
87	7.180	7.167	7.266	VV	204	4580	0.10%	0.011%
88	7.303	7.266	7.344	VV	1214	14465	0.31%	0.034%
89	7.390	7.344	7.465	VV	259	13372	0.29%	0.032%

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90	7.491	7.465	7.514	VV	652	8569	0.19%	0.020%
91	7.537	7.514	7.560	VV	348	5747	0.12%	0.014%
92	7.575	7.560	7.601	VV	259	3779	0.08%	0.009%
93	7.631	7.601	7.650	VV	480	6774	0.15%	0.016%
94	7.668	7.650	7.711	VV	242	6594	0.14%	0.016%
95	7.723	7.711	7.737	VV	213	2385	0.05%	0.006%
96	7.751	7.737	7.775	VV	197	2416	0.05%	0.006%
97	7.800	7.775	7.821	VV	272	3625	0.08%	0.009%
98	7.830	7.821	7.847	VV	78	686	0.01%	0.002%
99	7.859	7.847	7.907	VV	255	3024	0.07%	0.007%
100	7.921	7.907	8.012	VV	128	3643	0.08%	0.009%
101	8.231	8.194	8.248	VV	854	14101	0.31%	0.034%
102	8.263	8.248	8.277	VV	530	6016	0.13%	0.014%
103	8.290	8.277	8.314	VV	471	5835	0.13%	0.014%
104	8.328	8.314	8.358	VV	126	1972	0.04%	0.005%
105	8.406	8.358	8.451	VV	290	9477	0.21%	0.023%
106	8.456	8.451	8.480	VV	194	2446	0.05%	0.006%
107	8.507	8.480	8.530	VV	389	7790	0.17%	0.019%
108	8.582	8.530	8.598	VV	783	22208	0.48%	0.053%
109	8.611	8.598	8.650	VV	1055	21359	0.46%	0.051%
110	8.684	8.650	8.751	VV	2042	47480	1.03%	0.113%
111	8.801	8.751	8.878	VV	5858	87995	1.91%	0.209%
112	8.889	8.878	8.907	VV	251	2984	0.06%	0.007%
113	8.917	8.907	8.926	VV	213	1754	0.04%	0.004%
114	8.931	8.926	8.950	VV	156	1681	0.04%	0.004%
115	9.051	9.038	9.077	VV	649	12296	0.27%	0.029%
116	9.100	9.077	9.118	VV	1818	25067	0.54%	0.060%
117	9.161	9.118	9.274	VV	4271	129527	2.81%	0.308%
118	9.318	9.274	9.358	VV	663	22973	0.50%	0.055%
119	9.375	9.358	9.393	VV	1040	14482	0.31%	0.034%
120	9.419	9.393	9.491	VV	2618	56502	1.23%	0.134%
121	9.514	9.491	9.534	VV	1363	18917	0.41%	0.045%
122	9.554	9.534	9.589	VV	750	13578	0.29%	0.032%
123	9.610	9.589	9.644	VV	340	7089	0.15%	0.017%
124	9.668	9.644	9.686	VV	694	10123	0.22%	0.024%
125	9.703	9.686	9.734	VV	696	10904	0.24%	0.026%
126	9.756	9.734	9.784	VV	652	9979	0.22%	0.024%
127	9.808	9.784	9.831	VV	429	7206	0.16%	0.017%
128	9.852	9.831	9.868	PV	596	6726	0.15%	0.016%
129	9.892	9.868	9.944	VV	2092	37383	0.81%	0.089%
130	9.972	9.944	10.008	VV	1931	38145	0.83%	0.091%
131	10.039	10.008	10.064	VV	1239	25353	0.55%	0.060%
132	10.077	10.064	10.093	VV	500	7697	0.17%	0.018%
133	10.104	10.093	10.123	VV	538	6947	0.15%	0.017%
134	10.171	10.123	10.204	VV	70064	716195	15.55%	1.704%
135	10.216	10.204	10.268	VV	1435	27402	0.59%	0.065%
136	10.270	10.268	10.278	VV	308	1449	0.03%	0.003%
137	10.318	10.278	10.357	VV	1259	31875	0.69%	0.076%
138	10.379	10.357	10.393	VV	277	4559	0.10%	0.011%
139	10.404	10.393	10.432	VV	280	4094	0.09%	0.010%
140	10.477	10.432	10.505	VV	251	7067	0.15%	0.017%
141	10.513	10.505	10.541	VV	128	1755	0.04%	0.004%

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142	10.555	10.541	10.571	VV	106	773	0.02%	0.002%
143	10.588	10.571	10.614	PV	178	1766	0.04%	0.004%
144	10.647	10.614	10.676	VV	11858	126837	2.75%	0.302%
145	10.692	10.676	10.707	VV	383	5259	0.11%	0.013%
146	10.741	10.707	10.766	VV	4388	70152	1.52%	0.167%
147	10.779	10.766	10.804	VV	1420	20934	0.45%	0.050%
148	10.820	10.804	10.858	VV	848	15956	0.35%	0.038%
149	10.864	10.858	10.874	VV	346	3067	0.07%	0.007%
150	10.900	10.874	10.929	VV	1008	20102	0.44%	0.048%
151	10.949	10.929	10.984	VV	1821	29651	0.64%	0.071%
152	10.996	10.984	11.014	VV	694	8977	0.19%	0.021%
153	11.041	11.014	11.054	VV	1151	18778	0.41%	0.045%
154	11.067	11.054	11.083	VV	1183	14243	0.31%	0.034%
155	11.104	11.083	11.133	VV	1691	29625	0.64%	0.070%
156	11.149	11.133	11.176	VV	535	11989	0.26%	0.029%
157	11.200	11.176	11.218	VV	821	12842	0.28%	0.031%
158	11.235	11.218	11.258	VV	439	7662	0.17%	0.018%
159	11.304	11.258	11.345	VV	30327	326774	7.09%	0.777%
160	11.379	11.345	11.418	VV	10825	129548	2.81%	0.308%
161	11.440	11.418	11.459	VV	3958	57313	1.24%	0.136%
162	11.472	11.459	11.531	VV	2184	40240	0.87%	0.096%
163	11.551	11.531	11.570	VV	712	9959	0.22%	0.024%
164	11.590	11.570	11.636	VV	2391	32508	0.71%	0.077%
165	11.679	11.636	11.700	PV	1611	27219	0.59%	0.065%
166	11.712	11.700	11.730	VV	883	13013	0.28%	0.031%
167	11.747	11.730	11.780	VV	1025	17321	0.38%	0.041%
168	11.840	11.780	11.877	VV	1565	42816	0.93%	0.102%
169	11.907	11.877	11.931	PV	1245	16930	0.37%	0.040%
170	11.956	11.931	11.981	VV	813	16986	0.37%	0.040%
171	11.997	11.981	12.024	VV	731	10578	0.23%	0.025%
172	12.076	12.024	12.102	VV	417217	4607015	100.00%	10.960%
173	12.111	12.102	12.125	VV	5709	59023	1.28%	0.140%
174	12.141	12.125	12.187	VV	7856	117493	2.55%	0.280%
175	12.228	12.187	12.245	VV	5767	108745	2.36%	0.259%
176	12.261	12.245	12.275	VV	4290	48416	1.05%	0.115%
177	12.291	12.275	12.318	VV	5200	61758	1.34%	0.147%
178	12.331	12.318	12.341	PV	227	2039	0.04%	0.005%
179	12.364	12.341	12.386	VV	651	9327	0.20%	0.022%
180	12.421	12.386	12.443	VV	1158	22213	0.48%	0.053%
181	12.465	12.443	12.488	VV	3616	41585	0.90%	0.099%
182	12.504	12.488	12.559	VV	740	23720	0.51%	0.056%
183	12.583	12.559	12.624	VV	3953	55733	1.21%	0.133%
184	12.668	12.624	12.714	VV	50344	607029	13.18%	1.444%
185	12.729	12.714	12.748	VV	2084	37371	0.81%	0.089%
186	12.759	12.748	12.770	VV	1739	20868	0.45%	0.050%
187	12.788	12.770	12.823	VV	3706	65183	1.41%	0.155%
188	12.856	12.823	12.884	VV	1513	41350	0.90%	0.098%
189	12.905	12.884	12.941	VV	2723	51428	1.12%	0.122%
190	12.963	12.941	12.994	VV	3046	50612	1.10%	0.120%
191	13.015	12.994	13.033	VV	5685	74378	1.61%	0.177%
192	13.055	13.033	13.101	VV	3281	89955	1.95%	0.214%
193	13.131	13.101	13.178	VV	75297	863228	18.74%	2.054%
194	13.192	13.178	13.211	VV	713	8365	0.18%	0.020%

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195	13.229	13.211	13.237	VV	555	5629	0.12%	0.013%
196	13.270	13.237	13.303	VV	3551	71018	1.54%	0.169%
197	13.323	13.303	13.360	VV	3383	70653	1.53%	0.168%
198	13.372	13.360	13.401	VV	1487	25194	0.55%	0.060%
199	13.432	13.401	13.454	VV	63389	706715	15.34%	1.681%
200	13.513	13.454	13.549	VV	308800	3802227	82.53%	9.045%
201	13.567	13.549	13.583	VV	873	14418	0.31%	0.034%
202	13.605	13.583	13.617	VV	2792	34152	0.74%	0.081%
203	13.629	13.617	13.654	VV	2695	34215	0.74%	0.081%
204	13.698	13.654	13.743	PV	4344	93375	2.03%	0.222%
205	13.766	13.743	13.792	VV	2783	49407	1.07%	0.118%
206	13.828	13.792	13.867	VV	3284	74844	1.62%	0.178%
207	13.904	13.867	13.969	VV	13228	267690	5.81%	0.637%
208	14.021	13.969	14.065	VV	14380	254550	5.53%	0.606%
209	14.090	14.065	14.105	VV	2133	35496	0.77%	0.084%
210	14.130	14.105	14.150	VV	7387	101853	2.21%	0.242%
211	14.170	14.150	14.192	VV	6782	88379	1.92%	0.210%
212	14.214	14.192	14.234	VV	2612	45069	0.98%	0.107%
213	14.264	14.234	14.282	VV	3895	78328	1.70%	0.186%
214	14.300	14.282	14.322	VV	6169	93823	2.04%	0.223%
215	14.342	14.322	14.375	VV	5191	84672	1.84%	0.201%
216	14.399	14.375	14.433	VV	3334	71632	1.55%	0.170%
217	14.448	14.433	14.472	VV	1409	26348	0.57%	0.063%
218	14.502	14.472	14.541	VV	1602	51593	1.12%	0.123%
219	14.556	14.541	14.589	VV	1257	27613	0.60%	0.066%
220	14.608	14.589	14.625	VV	1135	18815	0.41%	0.045%
221	14.658	14.625	14.678	VV	1891	37733	0.82%	0.090%
222	14.715	14.678	14.737	VV	3600	90583	1.97%	0.215%
223	14.756	14.737	14.796	VV	7235	122038	2.65%	0.290%
224	14.832	14.796	14.846	VV	2766	57836	1.26%	0.138%
225	14.863	14.846	14.894	VV	2977	60119	1.30%	0.143%
226	14.940	14.894	14.980	VV	6954	180562	3.92%	0.430%
227	15.003	14.980	15.025	VV	12128	167995	3.65%	0.400%
228	15.058	15.025	15.091	VV	8603	167266	3.63%	0.398%
229	15.125	15.091	15.133	VV	2059	37883	0.82%	0.090%
230	15.153	15.133	15.168	VV	2765	48583	1.05%	0.116%
231	15.187	15.168	15.241	VV	3502	84692	1.84%	0.201%
232	15.267	15.241	15.286	VV	4323	62370	1.35%	0.148%
233	15.314	15.286	15.334	VV	43952	544545	11.82%	1.295%
234	15.355	15.334	15.387	VV	45283	565202	12.27%	1.345%
235	15.408	15.387	15.433	VV	2301	44791	0.97%	0.107%
236	15.476	15.433	15.531	VV	9274	194715	4.23%	0.463%
237	15.551	15.531	15.587	VV	3558	58895	1.28%	0.140%
238	15.614	15.587	15.639	VV	3590	69981	1.52%	0.166%
239	15.658	15.639	15.703	VV	3978	90416	1.96%	0.215%
240	15.751	15.703	15.821	VV	21205	359807	7.81%	0.856%
241	15.856	15.821	15.868	VV	926	19185	0.42%	0.046%
242	15.892	15.868	15.923	VV	1996	41763	0.91%	0.099%
243	15.948	15.923	15.960	VV	3113	44193	0.96%	0.105%
244	15.988	15.960	16.009	VV	11138	169695	3.68%	0.404%
245	16.026	16.009	16.049	VV	5410	68707	1.49%	0.163%
246	16.072	16.049	16.088	VV	2516	38990	0.85%	0.093%

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247	16.150	16.088	16.188	VV	6298	185933	4.04%	0.442%
248	16.228	16.188	16.253	VV	3176	57745	1.25%	0.137%
249	16.272	16.253	16.291	VV	1285	19518	0.42%	0.046%
250	16.313	16.291	16.326	VV	2402	31917	0.69%	0.076%
251	16.340	16.326	16.366	VV	2180	31810	0.69%	0.076%
252	16.399	16.366	16.444	VV	2478	58727	1.27%	0.140%
253	16.460	16.444	16.484	VV	543	5993	0.13%	0.014%
254	16.492	16.484	16.504	VV	333	2491	0.05%	0.006%
255	16.518	16.504	16.551	VV	413	4817	0.10%	0.011%
256	16.598	16.551	16.617	PV	2969	49940	1.08%	0.119%
257	16.626	16.617	16.641	VV	1396	12938	0.28%	0.031%
258	16.660	16.641	16.679	VV	2633	34190	0.74%	0.081%
259	16.701	16.679	16.724	VV	1955	38220	0.83%	0.091%
260	16.767	16.724	16.787	VV	4949	104718	2.27%	0.249%
261	16.800	16.787	16.826	VV	4561	60345	1.31%	0.144%
262	16.877	16.826	16.934	PV	55344	1007471	21.87%	2.397%
263	16.961	16.934	16.980	VV	1106	19212	0.42%	0.046%
264	17.007	16.980	17.029	VV	11359	142221	3.09%	0.338%
265	17.044	17.029	17.083	VV	2514	43342	0.94%	0.103%
266	17.129	17.083	17.144	VV	2471	43527	0.94%	0.104%
267	17.198	17.144	17.226	VV	33088	557166	12.09%	1.325%
268	17.257	17.226	17.300	VV	43776	560037	12.16%	1.332%
269	17.357	17.300	17.382	VV	12682	206640	4.49%	0.492%
270	17.402	17.382	17.448	VV	3792	91127	1.98%	0.217%
271	17.501	17.448	17.548	VV	3799	120903	2.62%	0.288%
272	17.562	17.548	17.579	VV	1352	18414	0.40%	0.044%
273	17.621	17.579	17.655	VV	6509	155817	3.38%	0.371%
274	17.663	17.655	17.686	VV	2506	30039	0.65%	0.071%
275	17.714	17.686	17.735	VV	4177	66139	1.44%	0.157%
276	17.758	17.735	17.769	VV	3624	55649	1.21%	0.132%
277	17.791	17.769	17.822	VV	5482	112579	2.44%	0.268%
278	17.844	17.822	17.860	VV	2777	38788	0.84%	0.092%
279	17.875	17.860	17.891	VV	1894	27234	0.59%	0.065%
280	17.917	17.891	17.942	VV	4102	71997	1.56%	0.171%
281	17.952	17.942	17.995	VV	1584	29178	0.63%	0.069%
282	18.034	17.995	18.061	VV	1412	32599	0.71%	0.078%
283	18.069	18.061	18.076	VV	265	2139	0.05%	0.005%
284	18.101	18.076	18.130	VV	806	11744	0.25%	0.028%
285	18.189	18.130	18.201	PV	2126	46042	1.00%	0.110%
286	18.235	18.201	18.273	VV	6034	128827	2.80%	0.306%
287	18.326	18.273	18.340	VV	3403	75392	1.64%	0.179%
288	18.354	18.340	18.371	VV	3166	42378	0.92%	0.101%
289	18.392	18.371	18.407	VV	3879	59344	1.29%	0.141%
290	18.420	18.407	18.449	VV	3427	63299	1.37%	0.151%
291	18.471	18.449	18.499	VV	3015	54246	1.18%	0.129%
292	18.537	18.499	18.570	VV	9523	169609	3.68%	0.403%
293	18.593	18.570	18.605	VV	8476	130329	2.83%	0.310%
294	18.627	18.605	18.649	VV	33140	464577	10.08%	1.105%
295	18.664	18.649	18.696	VV	10780	190446	4.13%	0.453%
296	18.712	18.696	18.733	VV	3507	53979	1.17%	0.128%
297	18.761	18.733	18.776	VV	9456	140851	3.06%	0.335%
298	18.792	18.776	18.850	VV	9420	168754	3.66%	0.401%
299	18.883	18.850	18.910	PV	31666	405142	8.79%	0.964%

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300	18.923	18.910	18.937	VV	1861	27590	0.60%	0.066%
301	18.968	18.937	18.988	VV	3691	76739	1.67%	0.183%
302	19.013	18.988	19.039	VV	10514	158891	3.45%	0.378%
303	19.069	19.039	19.098	VV	6575	112481	2.44%	0.268%
304	19.108	19.098	19.128	VV	2054	30811	0.67%	0.073%
305	19.139	19.128	19.146	VV	1456	14549	0.32%	0.035%
306	19.192	19.146	19.217	VV	4025	115214	2.50%	0.274%
307	19.243	19.217	19.264	VV	2334	56517	1.23%	0.134%
308	19.284	19.264	19.296	VV	3029	49606	1.08%	0.118%
309	19.316	19.296	19.335	VV	4335	77514	1.68%	0.184%
310	19.371	19.335	19.381	VV	4661	102854	2.23%	0.245%
311	19.427	19.381	19.449	VV	10436	284402	6.17%	0.677%
312	19.470	19.449	19.513	VV	8409	243394	5.28%	0.579%
313	19.560	19.513	19.651	VV	6893	325717	7.07%	0.775%
314	19.672	19.651	19.694	VV	4025	88040	1.91%	0.209%
315	19.720	19.694	19.753	VV	6793	177652	3.86%	0.423%
316	19.769	19.753	19.788	VV	4503	82325	1.79%	0.196%
317	19.855	19.788	19.880	VV	8351	282472	6.13%	0.672%
318	19.903	19.880	19.910	VV	5545	91035	1.98%	0.217%
319	19.929	19.910	19.942	VV	6405	111594	2.42%	0.265%
320	19.969	19.942	20.002	VV	8956	238528	5.18%	0.567%
321	20.041	20.002	20.068	VV	20691	440699	9.57%	1.048%
322	20.106	20.068	20.137	VV	17805	472334	10.25%	1.124%
323	20.156	20.137	20.177	VV	10140	218372	4.74%	0.519%
324	20.195	20.177	20.211	VV	9865	185101	4.02%	0.440%
325	20.231	20.211	20.263	VV	11350	271958	5.90%	0.647%
326	20.292	20.263	20.300	VV	7417	151574	3.29%	0.361%
327	20.323	20.300	20.348	VV	10041	237612	5.16%	0.565%
328	20.418	20.348	20.444	VV	22528	765398	16.61%	1.821%
329	20.484	20.444	20.530	VV	13830	578050	12.55%	1.375%
330	20.560	20.530	20.578	VV	12506	315690	6.85%	0.751%
331	20.597	20.578	20.625	VV	12263	312978	6.79%	0.745%
332	20.643	20.625	20.662	VV	10107	217051	4.71%	0.516%
333	20.689	20.662	20.721	VV	10933	365868	7.94%	0.870%
334	20.765	20.721	20.811	VV	12205	576539	12.51%	1.372%
335	20.843	20.811	20.865	VV	11081	339288	7.36%	0.807%
336	20.933	20.865	20.951	VV	12569	570783	12.39%	1.358%
337	20.963	20.951	21.031	VV	12179	509685	11.06%	1.213%
338	21.075	21.031	21.110	VV	9729	440664	9.57%	1.048%
339	21.125	21.110	21.174	VV	9084	337801	7.33%	0.804%
340	21.205	21.174	21.224	VV	8243	242994	5.27%	0.578%
341	21.279	21.224	21.304	VV	8241	388696	8.44%	0.925%
342	21.326	21.304	21.344	VV	8031	189058	4.10%	0.450%
343	21.370	21.344	21.413	VV	8866	325634	7.07%	0.775%
344	21.459	21.413	21.535	VV	7830	498348	10.82%	1.186%
345	21.571	21.535	21.603	VV	6643	241474	5.24%	0.574%
346	21.686	21.603	21.710	VV	6366	371794	8.07%	0.884%
347	21.767	21.710	21.805	VV	6369	326865	7.09%	0.778%
348	21.863	21.805	21.891	VV	9310	360500	7.83%	0.858%
349	21.904	21.891	22.010	VV	5758	280136	6.08%	0.666%
350	22.038	22.010	22.063	VV	3508	96194	2.09%	0.229%
351	22.089	22.063	22.147	VV	4178	132610	2.88%	0.315%

rteres

352	22.184	22.147	22.230	VV	4799	124884	2.71%	0.297%
353	22.268	22.230	22.300	VV	4705	111353	2.42%	0.265%
354	22.327	22.300	22.349	VV	2575	60008	1.30%	0.143%
355	22.375	22.349	22.402	VV	2886	67598	1.47%	0.161%
356	22.421	22.402	22.470	VV	2059	42756	0.93%	0.102%

Sum of corrected areas: 42035471

Aliphatic EPH 062725.M Thu Jul 03 05:40:20 2025

Sample Results: **FE054673.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054673.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 18:20
Operator : YP\AJ
Sample : Q2480-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX2

Integration File: autoint1.e
Quant Time: Jul 03 05:10:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.076	4826976	29.724 ug/ml
Spiked Amount 50.000		Recovery =	59.45%
12) S 1-chlorooctadecane (S...	13.513	4045442	32.032 ug/ml
Spiked Amount 50.000		Recovery =	64.06%
Target Compounds			

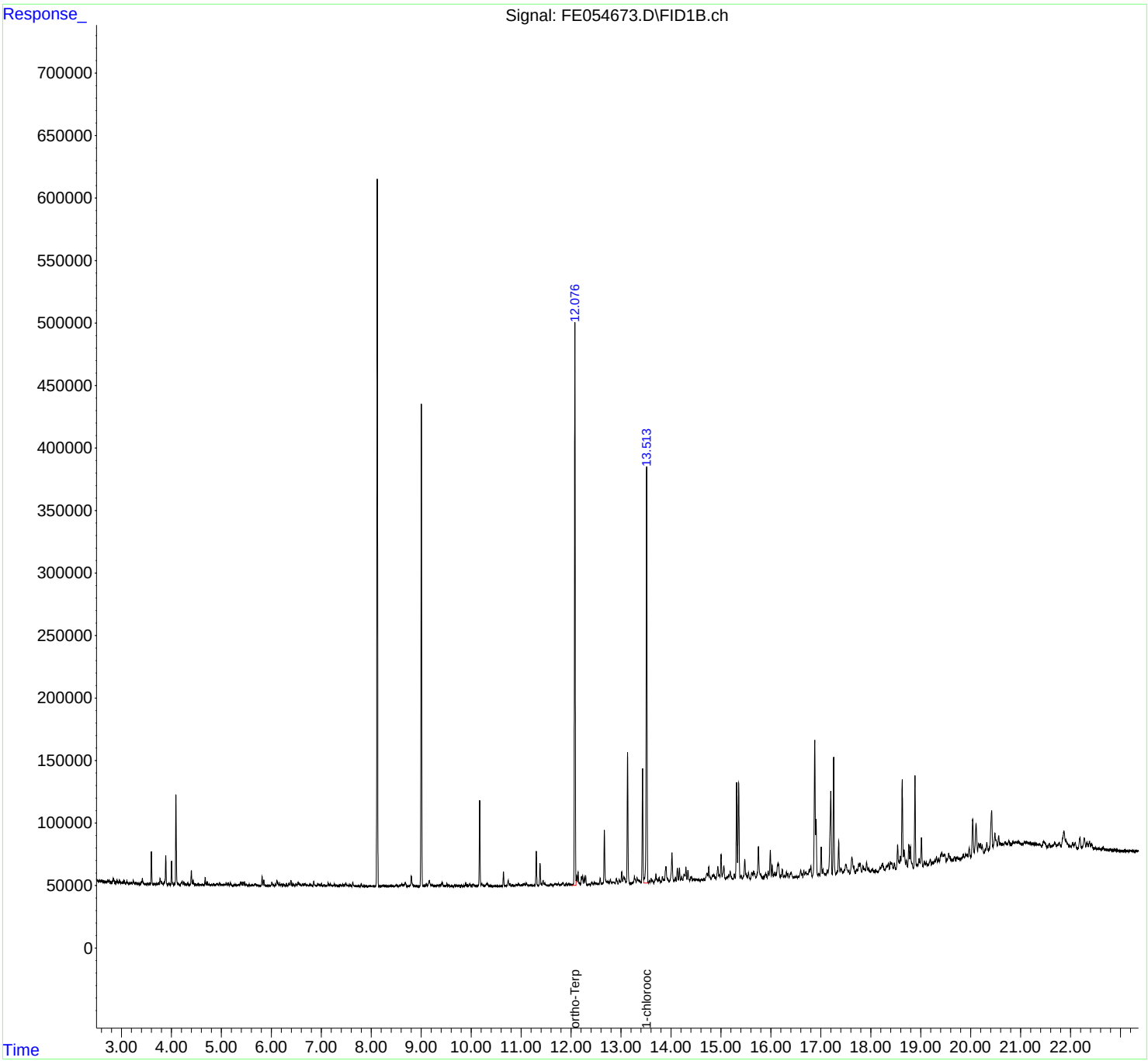
(f)=RT Delta > 1/2 Window (m)=manual int.

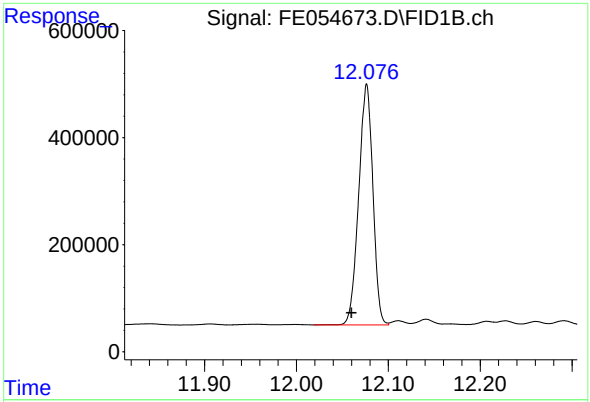
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054673.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 18:20
Operator : YP\AJ
Sample : Q2480-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX2

Integration File: autoint1.e
Quant Time: Jul 03 05:10:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

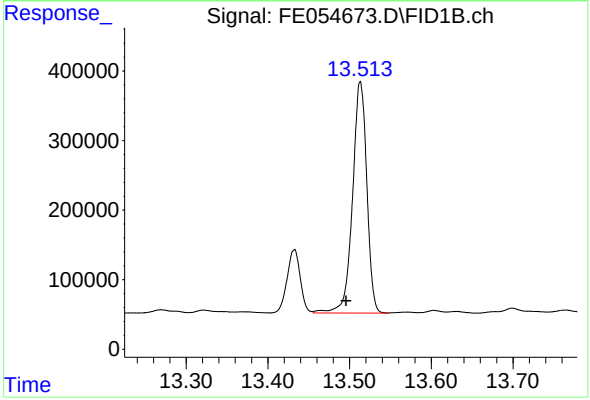




#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.017 min
Response: 4826976
Conc: 29.72 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX2



#12 1-chlorooctadecane (SURR)

R.T.: 13.513 min
Delta R.T.: 0.018 min
Response: 4045442
Conc: 32.03 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054673.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 18:20
Sample : Q2480-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.832	2.805	2.875	BV	2789	47159	0.98%	0.082%
2	2.882	2.875	2.891	VV	157	1211	0.03%	0.002%
3	2.910	2.891	2.940	VV	2255	29449	0.61%	0.051%
4	2.968	2.940	2.989	VV	1577	27965	0.58%	0.049%
5	2.998	2.989	3.017	VV	266	3237	0.07%	0.006%
6	3.054	3.017	3.079	VV	2274	31320	0.65%	0.054%
7	3.111	3.079	3.145	VV	1437	17300	0.36%	0.030%
8	3.154	3.145	3.170	PV	108	1044	0.02%	0.002%
9	3.199	3.170	3.216	PV	926	14059	0.29%	0.024%
10	3.236	3.216	3.264	VV	2786	32816	0.68%	0.057%
11	3.291	3.264	3.365	VV	663	16204	0.34%	0.028%
12	3.418	3.365	3.460	PV	4693	71413	1.48%	0.124%
13	3.471	3.460	3.511	VV	340	4514	0.09%	0.008%
14	3.531	3.511	3.555	PV	617	8030	0.17%	0.014%
15	3.567	3.555	3.578	VV	692	7064	0.15%	0.012%
16	3.599	3.578	3.647	VV	26271	246808	5.11%	0.429%
17	3.664	3.647	3.686	VV	667	8035	0.17%	0.014%
18	3.704	3.686	3.719	VV	660	6747	0.14%	0.012%
19	3.737	3.719	3.748	VV	1141	12839	0.27%	0.022%
20	3.774	3.748	3.798	VV	4780	69565	1.44%	0.121%
21	3.808	3.798	3.838	VV	2060	26227	0.54%	0.046%
22	3.887	3.838	3.920	VV	23303	258527	5.35%	0.449%
23	3.952	3.920	3.981	VV	1002	17411	0.36%	0.030%
24	4.003	3.981	4.047	VV	18863	185960	3.85%	0.323%
25	4.091	4.047	4.168	VV	71641	704758	14.60%	1.225%
26	4.215	4.168	4.232	PV	3308	52565	1.09%	0.091%
27	4.249	4.232	4.273	VV	2321	28323	0.59%	0.049%
28	4.285	4.273	4.303	VV	669	8220	0.17%	0.014%
29	4.326	4.303	4.349	VV	2062	23658	0.49%	0.041%
30	4.399	4.349	4.420	VV	11569	134702	2.79%	0.234%
31	4.435	4.420	4.506	VV	4099	64461	1.34%	0.112%
32	4.533	4.506	4.548	VV	1628	16921	0.35%	0.029%
33	4.572	4.548	4.596	VV	744	13185	0.27%	0.023%
34	4.620	4.596	4.651	VV	757	11689	0.24%	0.020%
35	4.676	4.651	4.698	VV	6255	66898	1.39%	0.116%
36	4.717	4.698	4.735	VV	3035	32759	0.68%	0.057%

rteres

37	4.751	4.735	4.773	VV	1007	13478	0.28%	0.023%
38	4.805	4.773	4.820	VV	647	9596	0.20%	0.017%
39	4.840	4.820	4.881	VV	977	19961	0.41%	0.035%
40	4.908	4.881	4.943	VV	1618	34768	0.72%	0.060%
41	4.961	4.943	4.978	VV	2621	28075	0.58%	0.049%
42	4.991	4.978	5.007	VV	1142	14317	0.30%	0.025%
43	5.021	5.007	5.035	VV	910	11097	0.23%	0.019%
44	5.044	5.035	5.055	VV	952	9282	0.19%	0.016%
45	5.067	5.055	5.079	VV	1144	12087	0.25%	0.021%
46	5.096	5.079	5.115	VV	2456	29493	0.61%	0.051%
47	5.138	5.115	5.158	VV	2136	30367	0.63%	0.053%
48	5.178	5.158	5.238	VV	2515	42200	0.87%	0.073%
49	5.260	5.238	5.278	VV	1158	13194	0.27%	0.023%
50	5.293	5.278	5.315	VV	703	10590	0.22%	0.018%
51	5.326	5.315	5.335	VV	710	6891	0.14%	0.012%
52	5.353	5.335	5.366	VV	1334	16668	0.35%	0.029%
53	5.385	5.366	5.415	VV	3223	53163	1.10%	0.092%
54	5.435	5.415	5.452	VV	2832	38085	0.79%	0.066%
55	5.466	5.452	5.482	VV	3439	34407	0.71%	0.060%
56	5.496	5.482	5.538	VV	1720	24580	0.51%	0.043%
57	5.559	5.538	5.580	PV	1108	15697	0.33%	0.027%
58	5.599	5.580	5.611	VV	688	11401	0.24%	0.020%
59	5.621	5.611	5.648	VV	775	12398	0.26%	0.022%
60	5.672	5.648	5.685	VV	1506	22732	0.47%	0.040%
61	5.694	5.685	5.725	VV	1293	17182	0.36%	0.030%
62	5.737	5.725	5.745	VV	446	4887	0.10%	0.008%
63	5.759	5.745	5.778	VV	499	6737	0.14%	0.012%
64	5.815	5.778	5.833	VV	7703	82195	1.70%	0.143%
65	5.850	5.833	5.914	VV	4855	67998	1.41%	0.118%
66	5.924	5.914	5.963	VV	473	9455	0.20%	0.016%
67	5.973	5.963	5.986	VV	356	4147	0.09%	0.007%
68	6.011	5.986	6.034	VV	3375	44592	0.92%	0.078%
69	6.043	6.034	6.058	VV	882	8876	0.18%	0.015%
70	6.082	6.058	6.091	VV	1088	15159	0.31%	0.026%
71	6.112	6.091	6.126	VV	4775	57747	1.20%	0.100%
72	6.133	6.126	6.153	VV	2801	30222	0.63%	0.053%
73	6.168	6.153	6.193	VV	1842	26753	0.55%	0.047%
74	6.208	6.193	6.224	VV	1904	20285	0.42%	0.035%
75	6.249	6.224	6.278	VV	1003	21414	0.44%	0.037%
76	6.299	6.278	6.321	VV	1395	18581	0.38%	0.032%
77	6.357	6.321	6.374	VV	2310	38967	0.81%	0.068%
78	6.393	6.374	6.418	VV	4555	57488	1.19%	0.100%
79	6.428	6.418	6.468	VV	1514	28422	0.59%	0.049%
80	6.493	6.468	6.514	VV	2143	30046	0.62%	0.052%
81	6.533	6.514	6.571	VV	2646	58983	1.22%	0.103%
82	6.582	6.571	6.606	VV	1241	18714	0.39%	0.033%
83	6.623	6.606	6.640	VV	2083	24908	0.52%	0.043%
84	6.679	6.640	6.704	VV	1663	45061	0.93%	0.078%
85	6.734	6.704	6.750	VV	814	18507	0.38%	0.032%
86	6.769	6.750	6.788	VV	1217	20471	0.42%	0.036%
87	6.796	6.788	6.828	VV	1082	16382	0.34%	0.028%
88	6.850	6.828	6.901	VV	4155	57140	1.18%	0.099%
89	6.928	6.901	6.954	VV	1930	33384	0.69%	0.058%

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90	6.966	6.954	6.988	VV	1382	20774	0.43%	0.036%
91	7.004	6.988	7.031	VV	1957	23422	0.49%	0.041%
92	7.054	7.031	7.094	VV	1068	22005	0.46%	0.038%
93	7.104	7.094	7.117	VV	436	5025	0.10%	0.009%
94	7.138	7.117	7.161	VV	2231	28090	0.58%	0.049%
95	7.179	7.161	7.228	VV	2042	36330	0.75%	0.063%
96	7.262	7.228	7.286	VV	1794	28290	0.59%	0.049%
97	7.299	7.286	7.319	VV	685	8683	0.18%	0.015%
98	7.335	7.319	7.348	VV	531	6612	0.14%	0.011%
99	7.387	7.348	7.408	VV	1111	23396	0.48%	0.041%
100	7.428	7.408	7.458	VV	1710	24472	0.51%	0.043%
101	7.491	7.458	7.520	VV	2777	45325	0.94%	0.079%
102	7.534	7.520	7.555	VV	912	13166	0.27%	0.023%
103	7.575	7.555	7.608	VV	1582	24795	0.51%	0.043%
104	7.631	7.608	7.661	VV	3430	40102	0.83%	0.070%
105	7.675	7.661	7.684	VV	296	3647	0.08%	0.006%
106	7.699	7.684	7.721	VV	408	6743	0.14%	0.012%
107	7.734	7.721	7.777	VV	318	7681	0.16%	0.013%
108	7.801	7.777	7.833	VV	2403	27613	0.57%	0.048%
109	7.859	7.833	7.881	VV	354	7076	0.15%	0.012%
110	7.887	7.881	7.912	VV	254	4001	0.08%	0.007%
111	7.927	7.912	7.938	VV	113	1353	0.03%	0.002%
112	7.978	7.938	8.002	VV	515	7662	0.16%	0.013%
113	8.023	8.002	8.049	PV	514	7757	0.16%	0.013%
114	8.059	8.049	8.071	VV	143	1232	0.03%	0.002%
115	8.173	8.165	8.185	VV	185	1483	0.03%	0.003%
116	8.231	8.185	8.250	VV	912	17549	0.36%	0.031%
117	8.262	8.250	8.276	VV	508	6153	0.13%	0.011%
118	8.289	8.276	8.316	VV	703	8398	0.17%	0.015%
119	8.336	8.316	8.357	VV	356	4526	0.09%	0.008%
120	8.394	8.357	8.425	PV	767	15761	0.33%	0.027%
121	8.439	8.425	8.473	VV	461	7687	0.16%	0.013%
122	8.506	8.473	8.541	VV	1265	24653	0.51%	0.043%
123	8.613	8.541	8.630	VV	2072	46541	0.96%	0.081%
124	8.641	8.630	8.652	VV	1030	10978	0.23%	0.019%
125	8.684	8.652	8.721	VV	2839	57140	1.18%	0.099%
126	8.731	8.721	8.746	VV	300	3444	0.07%	0.006%
127	8.802	8.746	8.875	VV	8308	133816	2.77%	0.233%
128	8.891	8.875	8.912	VV	414	5637	0.12%	0.010%
129	8.930	8.912	8.955	VV	182	3164	0.07%	0.006%
130	9.053	9.033	9.081	VV	712	15007	0.31%	0.026%
131	9.101	9.081	9.119	VV	1895	25012	0.52%	0.043%
132	9.160	9.119	9.211	VV	4208	111320	2.31%	0.194%
133	9.227	9.211	9.275	VV	1166	23407	0.48%	0.041%
134	9.298	9.275	9.308	VV	637	10003	0.21%	0.017%
135	9.314	9.308	9.328	VV	590	5929	0.12%	0.010%
136	9.343	9.328	9.359	VV	645	9551	0.20%	0.017%
137	9.377	9.359	9.392	VV	1147	14390	0.30%	0.025%
138	9.418	9.392	9.458	VV	2887	54881	1.14%	0.095%
139	9.464	9.458	9.492	VV	512	7729	0.16%	0.013%
140	9.515	9.492	9.536	VV	1854	23938	0.50%	0.042%
141	9.554	9.536	9.591	VV	1013	15367	0.32%	0.027%

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142	9.611	9.591	9.641	VV	542	8134	0.17%	0.014%
143	9.670	9.641	9.688	VV	811	12142	0.25%	0.021%
144	9.704	9.688	9.728	VV	977	12100	0.25%	0.021%
145	9.756	9.728	9.782	VV	1045	16014	0.33%	0.028%
146	9.807	9.782	9.832	VV	607	8866	0.18%	0.015%
147	9.852	9.832	9.869	PV	934	10669	0.22%	0.019%
148	9.892	9.869	9.948	VV	2231	44676	0.93%	0.078%
149	9.972	9.948	10.005	VV	2125	39656	0.82%	0.069%
150	10.038	10.005	10.063	VV	1909	35100	0.73%	0.061%
151	10.074	10.063	10.090	VV	629	8737	0.18%	0.015%
152	10.104	10.090	10.128	VV	672	10033	0.21%	0.017%
153	10.171	10.128	10.196	VV	68458	702576	14.55%	1.222%
154	10.213	10.196	10.258	VV	1850	39409	0.82%	0.069%
155	10.267	10.258	10.281	VV	397	5020	0.10%	0.009%
156	10.321	10.281	10.363	VV	2372	55534	1.15%	0.097%
157	10.383	10.363	10.433	VV	420	11532	0.24%	0.020%
158	10.477	10.433	10.505	VV	409	10180	0.21%	0.018%
159	10.517	10.505	10.545	VV	198	2793	0.06%	0.005%
160	10.552	10.545	10.571	PV	107	973	0.02%	0.002%
161	10.584	10.571	10.621	PV	198	3755	0.08%	0.007%
162	10.648	10.621	10.678	VV	11385	121235	2.51%	0.211%
163	10.693	10.678	10.710	VV	697	9559	0.20%	0.017%
164	10.742	10.710	10.766	VV	4653	74973	1.55%	0.130%
165	10.778	10.766	10.803	VV	1801	24823	0.51%	0.043%
166	10.821	10.803	10.855	VV	1130	19956	0.41%	0.035%
167	10.899	10.855	10.929	VV	1365	31799	0.66%	0.055%
168	10.949	10.929	10.986	VV	1805	33396	0.69%	0.058%
169	10.994	10.986	11.008	VV	677	7470	0.15%	0.013%
170	11.043	11.008	11.055	VV	1782	30030	0.62%	0.052%
171	11.067	11.055	11.083	VV	1882	22201	0.46%	0.039%
172	11.105	11.083	11.138	VV	2237	42324	0.88%	0.074%
173	11.149	11.138	11.165	VV	679	9545	0.20%	0.017%
174	11.199	11.165	11.218	VV	1067	20399	0.42%	0.035%
175	11.238	11.218	11.254	VV	546	8277	0.17%	0.014%
176	11.304	11.254	11.345	VV	27425	295064	6.11%	0.513%
177	11.379	11.345	11.418	VV	17934	215818	4.47%	0.375%
178	11.440	11.418	11.459	VV	4195	58817	1.22%	0.102%
179	11.473	11.459	11.534	VV	2160	42052	0.87%	0.073%
180	11.552	11.534	11.568	VV	521	7780	0.16%	0.014%
181	11.590	11.568	11.634	VV	1748	29015	0.60%	0.050%
182	11.678	11.634	11.697	VV	1785	31747	0.66%	0.055%
183	11.710	11.697	11.731	VV	1269	21610	0.45%	0.038%
184	11.748	11.731	11.769	VV	1795	25463	0.53%	0.044%
185	11.840	11.769	11.874	VV	2392	63682	1.32%	0.111%
186	11.906	11.874	11.927	PV	1956	25504	0.53%	0.044%
187	11.956	11.927	11.977	VV	1454	24930	0.52%	0.043%
188	11.998	11.977	12.018	VV	883	13565	0.28%	0.024%
189	12.076	12.018	12.101	VV	449120	4828161	100.00%	8.394%
190	12.111	12.101	12.125	VV	7823	77578	1.61%	0.135%
191	12.141	12.125	12.185	VV	10604	143104	2.96%	0.249%
192	12.208	12.185	12.216	VV	6672	71497	1.48%	0.124%
193	12.227	12.216	12.245	VV	7593	85096	1.76%	0.148%
194	12.261	12.245	12.275	VV	6254	71193	1.47%	0.124%

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195	12.291	12.275	12.319	VV	7707	93744	1.94%	0.163%
196	12.362	12.319	12.384	PV	660	9925	0.21%	0.017%
197	12.421	12.384	12.445	VV	2199	36120	0.75%	0.063%
198	12.465	12.445	12.485	VV	2224	29798	0.62%	0.052%
199	12.501	12.485	12.561	VV	1345	38018	0.79%	0.066%
200	12.582	12.561	12.626	VV	5278	75528	1.56%	0.131%
201	12.667	12.626	12.710	VV	43253	538270	11.15%	0.936%
202	12.730	12.710	12.747	VV	2293	43165	0.89%	0.075%
203	12.760	12.747	12.770	VV	1987	22603	0.47%	0.039%
204	12.788	12.770	12.821	VV	3595	64606	1.34%	0.112%
205	12.836	12.821	12.846	VV	1910	24125	0.50%	0.042%
206	12.857	12.846	12.881	VV	1908	28826	0.60%	0.050%
207	12.904	12.881	12.941	VV	3951	76117	1.58%	0.132%
208	12.964	12.941	12.993	VV	3729	67996	1.41%	0.118%
209	13.014	12.993	13.033	VV	9885	127661	2.64%	0.222%
210	13.055	13.033	13.098	VV	5411	147146	3.05%	0.256%
211	13.132	13.098	13.179	VV	105087	1196844	24.79%	2.081%
212	13.190	13.179	13.208	VV	431	4536	0.09%	0.008%
213	13.231	13.208	13.240	VV	823	10313	0.21%	0.018%
214	13.269	13.240	13.303	VV	5288	106191	2.20%	0.185%
215	13.322	13.303	13.359	VV	4790	96594	2.00%	0.168%
216	13.371	13.359	13.401	VV	2187	40888	0.85%	0.071%
217	13.432	13.401	13.456	VV	91493	1038118	21.50%	1.805%
218	13.466	13.456	13.471	VV	4170	33031	0.68%	0.057%
219	13.513	13.471	13.548	VV	330939	4029279	83.45%	7.005%
220	13.570	13.548	13.584	VV	1578	23776	0.49%	0.041%
221	13.604	13.584	13.619	VV	4005	49461	1.02%	0.086%
222	13.630	13.619	13.655	VV	2495	30968	0.64%	0.054%
223	13.699	13.655	13.742	PV	7155	146701	3.04%	0.255%
224	13.764	13.742	13.794	VV	4276	73148	1.52%	0.127%
225	13.829	13.794	13.846	VV	5179	77057	1.60%	0.134%
226	13.857	13.846	13.867	VV	2728	31887	0.66%	0.055%
227	13.900	13.867	13.965	VV	12870	299401	6.20%	0.521%
228	14.020	13.965	14.061	VV	23754	408141	8.45%	0.710%
229	14.089	14.061	14.105	VV	3367	54514	1.13%	0.095%
230	14.129	14.105	14.150	VV	11171	157572	3.26%	0.274%
231	14.170	14.150	14.192	VV	11147	144297	2.99%	0.251%
232	14.215	14.192	14.234	VV	3977	66594	1.38%	0.116%
233	14.263	14.234	14.281	VV	6126	120726	2.50%	0.210%
234	14.300	14.281	14.322	VV	11523	165581	3.43%	0.288%
235	14.341	14.322	14.377	VV	9132	134365	2.78%	0.234%
236	14.399	14.377	14.433	VV	3536	82964	1.72%	0.144%
237	14.450	14.433	14.475	VV	1854	36613	0.76%	0.064%
238	14.504	14.475	14.541	VV	2143	61740	1.28%	0.107%
239	14.551	14.541	14.590	VV	1297	26691	0.55%	0.046%
240	14.608	14.590	14.630	VV	1817	28162	0.58%	0.049%
241	14.658	14.630	14.677	VV	1948	37180	0.77%	0.065%
242	14.718	14.677	14.741	VV	6247	150724	3.12%	0.262%
243	14.757	14.741	14.799	VV	11217	185038	3.83%	0.322%
244	14.833	14.799	14.845	VV	4231	86910	1.80%	0.151%
245	14.860	14.845	14.905	VV	4715	108914	2.26%	0.189%
246	14.939	14.905	14.959	VV	11369	211064	4.37%	0.367%

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247	14.967	14.959	14.980	VV	4559	50507	1.05%	0.088%
248	15.003	14.980	15.025	VV	20661	281700	5.83%	0.490%
249	15.059	15.025	15.095	VV	11343	230671	4.78%	0.401%
250	15.127	15.095	15.138	VV	2909	52542	1.09%	0.091%
251	15.187	15.138	15.236	VV	6481	190341	3.94%	0.331%
252	15.267	15.236	15.285	VV	4780	69446	1.44%	0.121%
253	15.314	15.285	15.333	VV	77610	936888	19.40%	1.629%
254	15.355	15.333	15.386	VV	77731	1083150	22.43%	1.883%
255	15.403	15.386	15.431	VV	3243	54538	1.13%	0.095%
256	15.477	15.431	15.531	VV	15944	322478	6.68%	0.561%
257	15.551	15.531	15.588	VV	5239	82585	1.71%	0.144%
258	15.617	15.588	15.640	VV	5291	106664	2.21%	0.185%
259	15.656	15.640	15.703	VV	6487	147360	3.05%	0.256%
260	15.750	15.703	15.822	VV	26029	505816	10.48%	0.879%
261	15.832	15.822	15.840	VV	871	8723	0.18%	0.015%
262	15.892	15.840	15.924	VV	3545	100758	2.09%	0.175%
263	15.946	15.924	15.962	VV	5462	78125	1.62%	0.136%
264	15.989	15.962	16.009	VV	22424	300062	6.21%	0.522%
265	16.026	16.009	16.048	VV	10640	136371	2.82%	0.237%
266	16.071	16.048	16.087	VV	5035	77120	1.60%	0.134%
267	16.102	16.087	16.110	VV	3471	40653	0.84%	0.071%
268	16.149	16.110	16.185	VV	11957	321023	6.65%	0.558%
269	16.228	16.185	16.253	VV	6698	120143	2.49%	0.209%
270	16.270	16.253	16.290	VV	1895	29231	0.61%	0.051%
271	16.311	16.290	16.328	VV	4887	63936	1.32%	0.111%
272	16.341	16.328	16.364	VV	3190	39864	0.83%	0.069%
273	16.405	16.364	16.443	VV	3992	100463	2.08%	0.175%
274	16.458	16.443	16.475	VV	516	6064	0.13%	0.011%
275	16.491	16.475	16.501	VV	588	6997	0.14%	0.012%
276	16.518	16.501	16.535	VV	947	9974	0.21%	0.017%
277	16.549	16.535	16.559	PV	579	5207	0.11%	0.009%
278	16.598	16.559	16.616	VV	5787	95012	1.97%	0.165%
279	16.627	16.616	16.641	VV	2830	28743	0.60%	0.050%
280	16.660	16.641	16.678	VV	5467	70138	1.45%	0.122%
281	16.701	16.678	16.724	VV	3889	79727	1.65%	0.139%
282	16.801	16.724	16.828	VV	8698	258781	5.36%	0.450%
283	16.879	16.828	16.942	PV	109025	2010535	41.64%	3.496%
284	16.960	16.942	16.980	VV	1885	29651	0.61%	0.052%
285	17.008	16.980	17.029	VV	23370	287551	5.96%	0.500%
286	17.044	17.029	17.084	VV	5080	83713	1.73%	0.146%
287	17.099	17.084	17.108	VV	1338	15063	0.31%	0.026%
288	17.129	17.108	17.144	VV	4665	62732	1.30%	0.109%
289	17.200	17.144	17.227	VV	67111	1212891	25.12%	2.109%
290	17.258	17.227	17.301	VV	94344	1161914	24.07%	2.020%
291	17.358	17.301	17.386	VV	27509	402283	8.33%	0.699%
292	17.403	17.386	17.440	VV	5305	109699	2.27%	0.191%
293	17.501	17.440	17.547	VV	8089	265526	5.50%	0.462%
294	17.561	17.547	17.580	VV	3016	36471	0.76%	0.063%
295	17.622	17.580	17.651	VV	13305	298537	6.18%	0.519%
296	17.661	17.651	17.689	VV	5992	79307	1.64%	0.138%
297	17.717	17.689	17.733	VV	3820	56193	1.16%	0.098%
298	17.758	17.733	17.769	VV	7159	106533	2.21%	0.185%
299	17.785	17.769	17.819	VV	8183	153557	3.18%	0.267%

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300	17.843	17.819	17.861	VV	5681	84753	1.76%	0.147%
301	17.872	17.861	17.892	VV	3822	53321	1.10%	0.093%
302	17.916	17.892	17.942	VV	8387	140202	2.90%	0.244%
303	17.955	17.942	17.995	VV	3180	55439	1.15%	0.096%
304	18.032	17.995	18.079	VV	2939	66349	1.37%	0.115%
305	18.101	18.079	18.148	VV	1446	18582	0.38%	0.032%
306	18.232	18.148	18.275	PV	6350	232719	4.82%	0.405%
307	18.321	18.275	18.334	VV	3949	94140	1.95%	0.164%
308	18.354	18.334	18.372	VV	6337	98358	2.04%	0.171%
309	18.394	18.372	18.408	VV	7141	106587	2.21%	0.185%
310	18.419	18.408	18.448	VV	6362	107386	2.22%	0.187%
311	18.473	18.448	18.503	VV	5671	97018	2.01%	0.169%
312	18.538	18.503	18.574	VV	19726	360838	7.47%	0.627%
313	18.591	18.574	18.604	VV	10652	145599	3.02%	0.253%
314	18.629	18.604	18.653	VV	70937	987917	20.46%	1.718%
315	18.668	18.653	18.697	VV	15549	278294	5.76%	0.484%
316	18.712	18.697	18.734	VV	7294	107450	2.23%	0.187%
317	18.762	18.734	18.777	VV	19598	280010	5.80%	0.487%
318	18.793	18.777	18.855	VV	17570	313102	6.48%	0.544%
319	18.885	18.855	18.911	PV	73992	876169	18.15%	1.523%
320	18.921	18.911	18.933	VV	3128	33931	0.70%	0.059%
321	18.966	18.933	18.986	VV	7305	140404	2.91%	0.244%
322	19.014	18.986	19.043	VV	23946	340649	7.06%	0.592%
323	19.070	19.043	19.091	VV	4339	75720	1.57%	0.132%
324	19.110	19.091	19.152	VV	3712	80912	1.68%	0.141%
325	19.191	19.152	19.215	VV	5741	126353	2.62%	0.220%
326	19.243	19.215	19.253	VV	2752	57322	1.19%	0.100%
327	19.316	19.253	19.336	VV	7127	216811	4.49%	0.377%
328	19.358	19.336	19.377	VV	5047	104707	2.17%	0.182%
329	19.422	19.377	19.443	VV	10560	302314	6.26%	0.526%
330	19.483	19.443	19.508	VV	8332	272311	5.64%	0.473%
331	19.561	19.508	19.623	VV	8890	345992	7.17%	0.602%
332	19.673	19.623	19.701	VV	5869	183250	3.80%	0.319%
333	19.731	19.701	19.757	VV	5034	141604	2.93%	0.246%
334	19.771	19.757	19.788	VV	4143	66022	1.37%	0.115%
335	19.854	19.788	19.878	VV	6462	240939	4.99%	0.419%
336	19.900	19.878	19.919	VV	6958	142000	2.94%	0.247%
337	19.931	19.919	19.943	VV	5731	81051	1.68%	0.141%
338	19.970	19.943	20.003	VV	11447	263551	5.46%	0.458%
339	20.041	20.003	20.069	VV	33423	645940	13.38%	1.123%
340	20.108	20.069	20.138	VV	30275	719529	14.90%	1.251%
341	20.159	20.138	20.179	VV	13893	287324	5.95%	0.500%
342	20.197	20.179	20.216	VV	13939	271370	5.62%	0.472%
343	20.232	20.216	20.265	VV	11940	274276	5.68%	0.477%
344	20.293	20.265	20.300	VV	8872	164923	3.42%	0.287%
345	20.324	20.300	20.351	VV	14224	323116	6.69%	0.562%
346	20.419	20.351	20.448	VV	38560	1099479	22.77%	1.912%
347	20.485	20.448	20.531	VV	20837	740889	15.35%	1.288%
348	20.561	20.531	20.585	VV	18657	461909	9.57%	0.803%
349	20.595	20.585	20.624	VV	12464	277467	5.75%	0.482%
350	20.643	20.624	20.658	VV	11448	230757	4.78%	0.401%
351	20.687	20.658	20.722	VV	13305	457727	9.48%	0.796%

rteres

352	20.763	20.722	20.818	VV	13751	669603	13.87%	1.164%
353	20.847	20.818	20.872	VV	12716	381417	7.90%	0.663%
354	20.906	20.872	20.922	VV	12133	353525	7.32%	0.615%
355	20.939	20.922	20.952	VV	11943	215972	4.47%	0.375%
356	20.964	20.952	21.025	VV	11863	462278	9.57%	0.804%
357	21.073	21.025	21.085	VV	11270	374145	7.75%	0.651%
358	21.091	21.085	21.105	VV	11353	132241	2.74%	0.230%
359	21.119	21.105	21.163	VV	11065	368735	7.64%	0.641%
360	21.179	21.163	21.225	VV	10124	360736	7.47%	0.627%
361	21.231	21.225	21.259	VV	9442	189002	3.91%	0.329%
362	21.276	21.259	21.300	VV	9035	220952	4.58%	0.384%
363	21.321	21.300	21.349	VV	8617	244525	5.06%	0.425%
364	21.372	21.349	21.421	VV	8587	333774	6.91%	0.580%
365	21.461	21.421	21.537	VV	10311	546296	11.31%	0.950%
366	21.572	21.537	21.602	VV	7612	243642	5.05%	0.424%
367	21.645	21.602	21.655	VV	6286	183773	3.81%	0.320%
368	21.687	21.655	21.721	VV	8232	272825	5.65%	0.474%
369	21.772	21.721	21.808	VV	7740	324148	6.71%	0.564%
370	21.867	21.808	21.895	VV	16622	575941	11.93%	1.001%
371	21.904	21.895	22.013	VV	9369	411192	8.52%	0.715%
372	22.041	22.013	22.065	VV	6146	152719	3.16%	0.266%
373	22.091	22.065	22.138	VV	6429	173729	3.60%	0.302%
374	22.185	22.138	22.227	VV	9726	244784	5.07%	0.426%
375	22.273	22.227	22.304	VV	9371	234127	4.85%	0.407%
376	22.327	22.304	22.352	VV	5141	114665	2.37%	0.199%
377	22.379	22.352	22.403	VV	5669	123557	2.56%	0.215%
378	22.422	22.403	22.458	VV	3858	73310	1.52%	0.127%

Sum of corrected areas: 57516532

Aliphatic EPH 062725.M Thu Jul 03 05:40:52 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054674.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 18:51
Operator : YP\AJ
Sample : Q2480-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX3

Integration File: autoint1.e
Quant Time: Jul 03 05:10:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.076	6088770	37.494 ug/ml
Spiked Amount 50.000		Recovery =	74.99%
12) S 1-chlorooctadecane (S...	13.513	4831316	38.255 ug/ml
Spiked Amount 50.000		Recovery =	76.51%
Target Compounds			

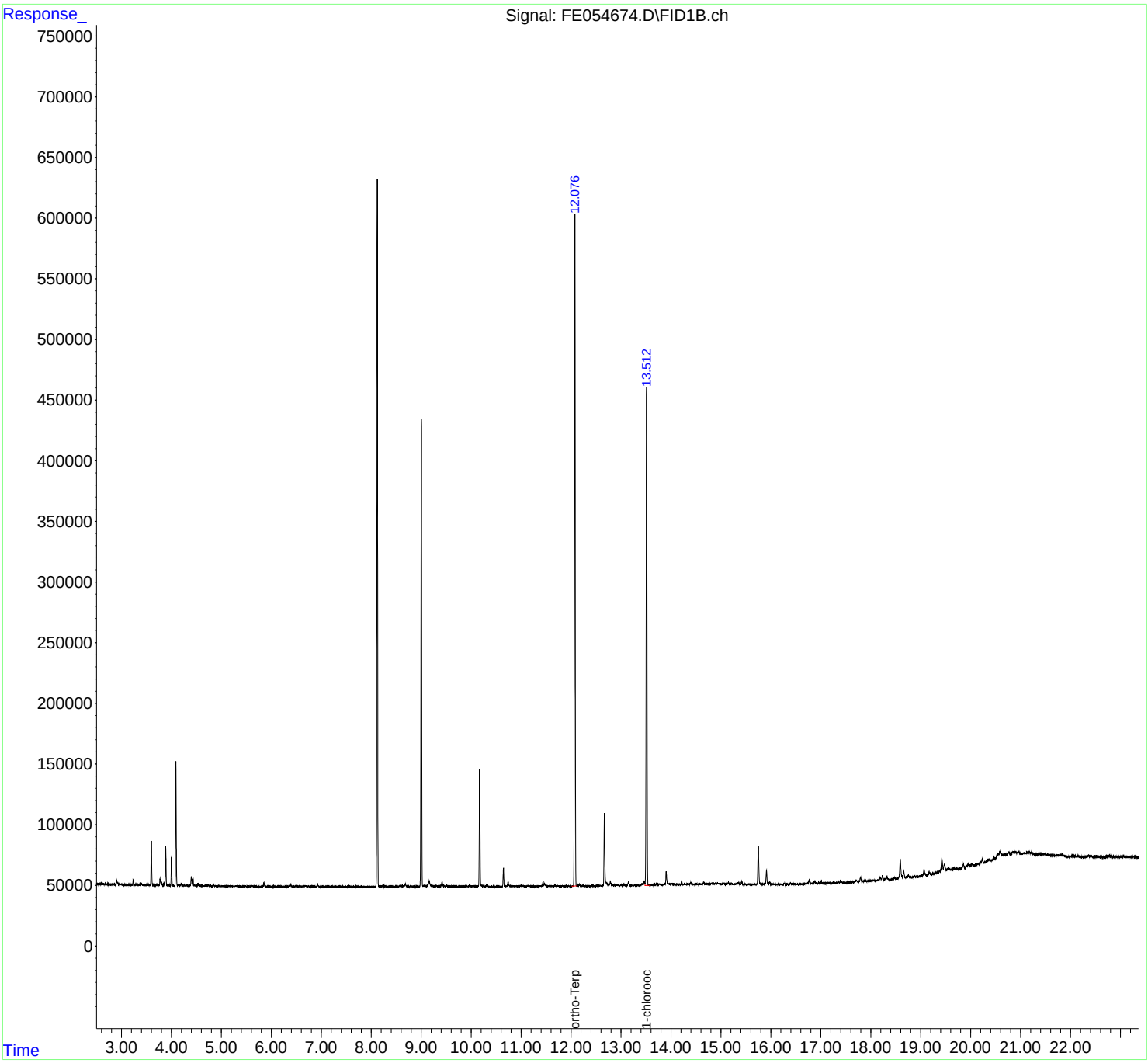
(f)=RT Delta > 1/2 Window (m)=manual int.

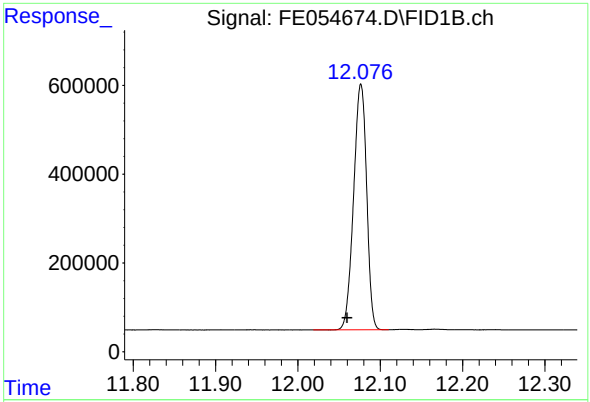
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054674.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 18:51
Operator : YP\AJ
Sample : Q2480-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX3

Integration File: autoint1.e
Quant Time: Jul 03 05:10:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

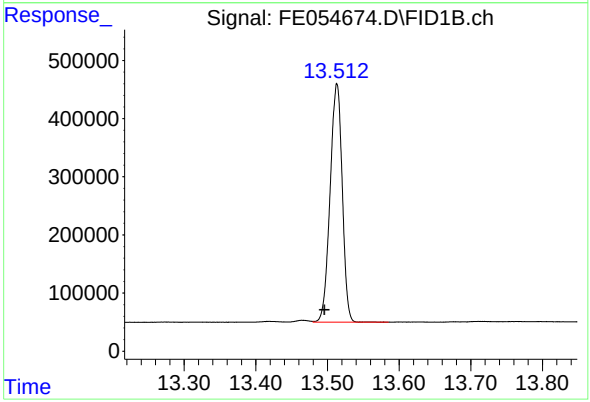




#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.017 min
Response: 6088770
Conc: 37.49 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX3



#12 1-chlorooctadecane (SURR)

R.T.: 13.513 min
Delta R.T.: 0.017 min
Response: 4831316
Conc: 38.25 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054674.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 18:51
Sample : Q2480-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.845	2.804	2.869	BV	316	4296	0.07%	0.014%
2	2.877	2.869	2.887	VV	63	620	0.01%	0.002%
3	2.906	2.887	2.980	PV	3132	50535	0.83%	0.167%
4	2.996	2.980	3.015	VV	349	5976	0.10%	0.020%
5	3.029	3.015	3.081	VV	621	8617	0.14%	0.029%
6	3.106	3.081	3.144	PV	169	3646	0.06%	0.012%
7	3.155	3.144	3.191	VV	128	1723	0.03%	0.006%
8	3.234	3.191	3.264	VV	3409	38577	0.63%	0.128%
9	3.288	3.264	3.378	VV	699	18489	0.30%	0.061%
10	3.395	3.378	3.484	VV	1649	20093	0.33%	0.066%
11	3.501	3.484	3.510	VV	173	1562	0.03%	0.005%
12	3.528	3.510	3.573	VV	753	12375	0.20%	0.041%
13	3.598	3.573	3.683	VV	36322	336428	5.51%	1.113%
14	3.702	3.683	3.746	PV	777	9646	0.16%	0.032%
15	3.772	3.746	3.797	VV	5382	67187	1.10%	0.222%
16	3.806	3.797	3.833	VV	2139	24154	0.40%	0.080%
17	3.852	3.833	3.864	VV	1886	18610	0.30%	0.062%
18	3.886	3.864	3.961	VV	31621	291881	4.78%	0.966%
19	4.002	3.961	4.044	VV	23278	207092	3.39%	0.685%
20	4.090	4.044	4.178	PV	101591	945577	15.49%	3.129%
21	4.197	4.178	4.236	VV	1927	24438	0.40%	0.081%
22	4.246	4.236	4.292	VV	242	7467	0.12%	0.025%
23	4.321	4.292	4.358	VV	281	7986	0.13%	0.026%
24	4.365	4.358	4.374	VV	146	1386	0.02%	0.005%
25	4.398	4.374	4.418	VV	7566	89030	1.46%	0.295%
26	4.434	4.418	4.488	VV	5584	59737	0.98%	0.198%
27	4.499	4.488	4.508	VV	267	2839	0.05%	0.009%
28	4.532	4.508	4.549	VV	2397	24974	0.41%	0.083%
29	4.559	4.549	4.614	VV	673	11733	0.19%	0.039%
30	4.620	4.614	4.658	VV	207	3944	0.06%	0.013%
31	4.693	4.658	4.710	VV	660	13566	0.22%	0.045%
32	4.739	4.710	4.760	VV	708	12251	0.20%	0.041%
33	4.774	4.760	4.794	VV	300	4197	0.07%	0.014%
34	4.800	4.794	4.823	VV	209	2304	0.04%	0.008%
35	4.844	4.823	4.888	VV	1016	10951	0.18%	0.036%
36	4.899	4.888	4.934	PV	139	3152	0.05%	0.010%

rteres

37	4.954	4.934	5.018	VV	531	7416	0.12%	0.025%
38	5.047	5.018	5.124	VV	156	7062	0.12%	0.023%
39	5.137	5.124	5.162	PV	120	1748	0.03%	0.006%
40	5.174	5.162	5.194	VV	128	1260	0.02%	0.004%
41	5.210	5.194	5.222	VV	216	2191	0.04%	0.007%
42	5.228	5.222	5.238	VV	171	908	0.01%	0.003%
43	5.263	5.238	5.272	VV	141	2044	0.03%	0.007%
44	5.311	5.272	5.322	VV	274	4967	0.08%	0.016%
45	5.338	5.322	5.372	VV	308	4580	0.08%	0.015%
46	5.394	5.372	5.451	VV	355	5390	0.09%	0.018%
47	5.468	5.451	5.477	VV	140	1476	0.02%	0.005%
48	5.500	5.477	5.536	VV	170	3051	0.05%	0.010%
49	5.560	5.536	5.602	PV	258	4533	0.07%	0.015%
50	5.622	5.602	5.686	VV	506	8818	0.14%	0.029%
51	5.701	5.686	5.720	VV	182	1470	0.02%	0.005%
52	5.732	5.720	5.744	VV	85	983	0.02%	0.003%
53	5.752	5.744	5.793	VV	120	1735	0.03%	0.006%
54	5.815	5.793	5.831	PV	303	3459	0.06%	0.011%
55	5.851	5.831	5.909	VV	3431	36638	0.60%	0.121%
56	5.926	5.909	6.026	VV	387	8380	0.14%	0.028%
57	6.075	6.026	6.102	PV	195	4523	0.07%	0.015%
58	6.117	6.102	6.181	VV	209	4870	0.08%	0.016%
59	6.191	6.181	6.215	VV	243	2827	0.05%	0.009%
60	6.243	6.215	6.310	VV	280	7050	0.12%	0.023%
61	6.362	6.310	6.375	VV	943	15891	0.26%	0.053%
62	6.391	6.375	6.418	VV	1474	19333	0.32%	0.064%
63	6.446	6.418	6.471	VV	233	5963	0.10%	0.020%
64	6.490	6.471	6.528	VV	421	10055	0.16%	0.033%
65	6.560	6.528	6.607	VV	494	14986	0.25%	0.050%
66	6.644	6.607	6.666	VV	426	11701	0.19%	0.039%
67	6.686	6.666	6.729	VV	905	17554	0.29%	0.058%
68	6.742	6.729	6.758	VV	325	4912	0.08%	0.016%
69	6.792	6.758	6.805	VV	318	7067	0.12%	0.023%
70	6.850	6.805	6.898	VV	393	14093	0.23%	0.047%
71	6.927	6.898	7.034	VV	2420	32948	0.54%	0.109%
72	7.061	7.034	7.099	VV	203	3110	0.05%	0.010%
73	7.109	7.099	7.126	PV	104	1500	0.02%	0.005%
74	7.136	7.126	7.179	VV	159	3435	0.06%	0.011%
75	7.185	7.179	7.199	VV	118	905	0.01%	0.003%
76	7.211	7.199	7.249	VV	163	1435	0.02%	0.005%
77	7.271	7.249	7.339	PV	94	2696	0.04%	0.009%
78	7.385	7.339	7.411	VV	264	7211	0.12%	0.024%
79	7.418	7.411	7.449	VV	241	3969	0.07%	0.013%
80	7.486	7.449	7.515	VV	219	6689	0.11%	0.022%
81	7.542	7.515	7.562	VV	338	6667	0.11%	0.022%
82	7.578	7.562	7.611	VV	236	3741	0.06%	0.012%
83	7.667	7.611	7.696	VV	246	7713	0.13%	0.026%
84	7.703	7.696	7.721	VV	191	2476	0.04%	0.008%
85	7.746	7.721	7.788	VV	186	5461	0.09%	0.018%
86	7.800	7.788	7.843	VV	248	3646	0.06%	0.012%
87	7.861	7.843	7.898	VV	173	2506	0.04%	0.008%
88	7.942	7.898	8.032	PV	97	3584	0.06%	0.012%
89	8.229	8.193	8.251	VV	677	13037	0.21%	0.043%

rteres

90	8.262	8.251	8.278	VV	577	6231	0.10%	0.021%
91	8.289	8.278	8.324	VV	415	5832	0.10%	0.019%
92	8.337	8.324	8.361	VV	110	1540	0.03%	0.005%
93	8.408	8.361	8.421	VV	157	4120	0.07%	0.014%
94	8.434	8.421	8.447	VV	163	1553	0.03%	0.005%
95	8.459	8.447	8.480	VV	149	1742	0.03%	0.006%
96	8.506	8.480	8.524	VV	228	3793	0.06%	0.013%
97	8.583	8.524	8.644	VV	860	34096	0.56%	0.113%
98	8.684	8.644	8.754	VV	1990	43960	0.72%	0.145%
99	8.826	8.754	8.864	VV	389	15801	0.26%	0.052%
100	8.879	8.864	8.894	VV	182	2033	0.03%	0.007%
101	8.921	8.894	8.952	VV	214	4427	0.07%	0.015%
102	9.056	9.033	9.081	VV	601	14758	0.24%	0.049%
103	9.161	9.081	9.215	VV	4281	121901	2.00%	0.403%
104	9.223	9.215	9.261	VV	750	14762	0.24%	0.049%
105	9.299	9.261	9.332	VV	753	19938	0.33%	0.066%
106	9.417	9.332	9.486	VV	3766	91029	1.49%	0.301%
107	9.514	9.486	9.542	VV	943	17728	0.29%	0.059%
108	9.555	9.542	9.595	VV	402	8978	0.15%	0.030%
109	9.615	9.595	9.624	VV	207	3311	0.05%	0.011%
110	9.632	9.624	9.637	VV	213	1345	0.02%	0.004%
111	9.655	9.637	9.684	VV	273	5683	0.09%	0.019%
112	9.702	9.684	9.751	VV	326	7758	0.13%	0.026%
113	9.758	9.751	9.788	VV	152	2337	0.04%	0.008%
114	9.798	9.788	9.831	VV	108	1893	0.03%	0.006%
115	9.848	9.831	9.861	VV	216	2114	0.03%	0.007%
116	9.899	9.861	9.921	VV	499	9987	0.16%	0.033%
117	9.972	9.921	10.011	VV	1607	36077	0.59%	0.119%
118	10.016	10.011	10.038	VV	396	5472	0.09%	0.018%
119	10.059	10.038	10.109	VV	324	10757	0.18%	0.036%
120	10.171	10.109	10.280	VV	96790	1017022	16.66%	3.365%
121	10.299	10.280	10.307	VV	662	7172	0.12%	0.024%
122	10.322	10.307	10.390	VV	1421	20318	0.33%	0.067%
123	10.408	10.390	10.428	VV	200	2742	0.04%	0.009%
124	10.462	10.428	10.534	VV	234	7040	0.12%	0.023%
125	10.564	10.534	10.587	VV	90	1264	0.02%	0.004%
126	10.598	10.587	10.613	PV	41	540	0.01%	0.002%
127	10.647	10.613	10.677	VV	15011	152926	2.51%	0.506%
128	10.740	10.677	10.816	VV	4160	78642	1.29%	0.260%
129	10.848	10.816	10.881	VV	323	10532	0.17%	0.035%
130	10.890	10.881	10.914	VV	280	4167	0.07%	0.014%
131	10.943	10.914	10.959	VV	322	6953	0.11%	0.023%
132	10.969	10.959	10.977	VV	281	2746	0.04%	0.009%
133	10.996	10.977	11.012	VV	643	8608	0.14%	0.028%
134	11.040	11.012	11.092	VV	712	13999	0.23%	0.046%
135	11.144	11.092	11.168	VV	631	13187	0.22%	0.044%
136	11.185	11.168	11.217	VV	367	5510	0.09%	0.018%
137	11.302	11.217	11.342	VV	416	12947	0.21%	0.043%
138	11.440	11.342	11.458	VV	4132	68860	1.13%	0.228%
139	11.471	11.458	11.546	VV	2167	42210	0.69%	0.140%
140	11.564	11.546	11.587	VV	276	5948	0.10%	0.020%
141	11.603	11.587	11.654	VV	244	6888	0.11%	0.023%

rteres

142	11.679	11.654	11.711	VV	1572	22945	0.38%	0.076%
143	11.748	11.711	11.777	VV	582	13026	0.21%	0.043%
144	11.791	11.777	11.800	VV	112	1012	0.02%	0.003%
145	11.826	11.800	11.884	VV	560	10105	0.17%	0.033%
146	11.911	11.884	11.930	PV	249	3814	0.06%	0.013%
147	11.945	11.930	11.977	VV	318	4603	0.08%	0.015%
148	11.989	11.977	12.004	VV	131	1355	0.02%	0.004%
149	12.027	12.004	12.041	VV	134	2805	0.05%	0.009%
150	12.076	12.041	12.109	VV	555480	6103073	100.00%	20.196%
151	12.128	12.109	12.147	VV	1230	19029	0.31%	0.063%
152	12.167	12.147	12.194	VV	1636	25764	0.42%	0.085%
153	12.204	12.194	12.219	VV	564	6011	0.10%	0.020%
154	12.238	12.219	12.257	VV	493	7052	0.12%	0.023%
155	12.270	12.257	12.284	VV	130	1779	0.03%	0.006%
156	12.294	12.284	12.334	VV	144	1775	0.03%	0.006%
157	12.360	12.334	12.380	VV	78	2007	0.03%	0.007%
158	12.412	12.380	12.449	PV	573	11414	0.19%	0.038%
159	12.468	12.449	12.485	VV	257	3131	0.05%	0.010%
160	12.519	12.485	12.541	VV	461	9566	0.16%	0.032%
161	12.580	12.541	12.617	VV	466	17707	0.29%	0.059%
162	12.667	12.617	12.738	VV	60034	736701	12.07%	2.438%
163	12.757	12.738	12.769	VV	2100	30310	0.50%	0.100%
164	12.787	12.769	12.839	VV	3753	73118	1.20%	0.242%
165	12.871	12.839	12.888	VV	859	22896	0.38%	0.076%
166	12.902	12.888	12.917	VV	814	12361	0.20%	0.041%
167	12.940	12.917	12.978	VV	915	21399	0.35%	0.071%
168	13.002	12.978	13.032	VV	988	18444	0.30%	0.061%
169	13.060	13.032	13.109	VV	1152	25679	0.42%	0.085%
170	13.149	13.109	13.196	VV	3091	61502	1.01%	0.204%
171	13.211	13.196	13.251	VV	359	8442	0.14%	0.028%
172	13.274	13.251	13.296	VV	608	11169	0.18%	0.037%
173	13.319	13.296	13.361	VV	480	13524	0.22%	0.045%
174	13.419	13.361	13.443	VV	1639	38688	0.63%	0.128%
175	13.466	13.443	13.480	VV	3630	48943	0.80%	0.162%
176	13.513	13.480	13.548	VV	413791	4837886	79.27%	16.009%
177	13.559	13.548	13.584	VV	643	11033	0.18%	0.037%
178	13.601	13.584	13.618	VV	551	9732	0.16%	0.032%
179	13.629	13.618	13.652	VV	574	9455	0.15%	0.031%
180	13.677	13.652	13.694	VV	928	16672	0.27%	0.055%
181	13.715	13.694	13.744	VV	1480	36756	0.60%	0.122%
182	13.764	13.744	13.782	VV	1324	26892	0.44%	0.089%
183	13.797	13.782	13.838	VV	1266	34851	0.57%	0.115%
184	13.850	13.838	13.861	VV	872	11528	0.19%	0.038%
185	13.905	13.861	13.994	VV	11718	219648	3.60%	0.727%
186	14.018	13.994	14.048	VV	1698	38918	0.64%	0.129%
187	14.123	14.048	14.151	VV	1063	52629	0.86%	0.174%
188	14.168	14.151	14.181	VV	822	13293	0.22%	0.044%
189	14.216	14.181	14.244	VV	3121	55268	0.91%	0.183%
190	14.265	14.244	14.298	VV	1293	31302	0.51%	0.104%
191	14.339	14.298	14.364	VV	993	37373	0.61%	0.124%
192	14.395	14.364	14.438	VV	2630	57569	0.94%	0.191%
193	14.490	14.438	14.540	VV	1047	53608	0.88%	0.177%
194	14.577	14.540	14.592	VV	877	26069	0.43%	0.086%

rteres

195	14.601	14.592	14.610	VV	865	8788	0.14%	0.029%
196	14.655	14.610	14.681	VV	2405	58673	0.96%	0.194%
197	14.704	14.681	14.745	VV	1808	44606	0.73%	0.148%
198	14.757	14.745	14.783	VV	1027	21925	0.36%	0.073%
199	14.812	14.783	14.820	VV	1398	25253	0.41%	0.084%
200	14.841	14.820	14.874	VV	1835	43472	0.71%	0.144%
201	14.894	14.874	14.916	VV	1522	30853	0.51%	0.102%
202	14.954	14.916	14.978	VV	1451	46903	0.77%	0.155%
203	15.000	14.978	15.031	VV	932	26674	0.44%	0.088%
204	15.054	15.031	15.091	VV	1613	36769	0.60%	0.122%
205	15.107	15.091	15.121	VV	861	14232	0.23%	0.047%
206	15.150	15.121	15.194	VV	1906	48776	0.80%	0.161%
207	15.212	15.194	15.241	VV	1172	24772	0.41%	0.082%
208	15.264	15.241	15.287	VV	795	18592	0.30%	0.062%
209	15.329	15.287	15.389	VV	1738	70104	1.15%	0.232%
210	15.415	15.389	15.451	VV	2428	42625	0.70%	0.141%
211	15.472	15.451	15.533	VV	650	20971	0.34%	0.069%
212	15.550	15.533	15.606	VV	440	14200	0.23%	0.047%
213	15.626	15.606	15.643	VV	464	7603	0.12%	0.025%
214	15.668	15.643	15.714	VV	485	13952	0.23%	0.046%
215	15.748	15.714	15.867	VV	32154	460092	7.54%	1.522%
216	15.913	15.867	15.943	VV	11749	160597	2.63%	0.531%
217	15.974	15.943	16.005	VV	2260	36255	0.59%	0.120%
218	16.020	16.005	16.104	VV	317	8784	0.14%	0.029%
219	16.154	16.104	16.188	PV	301	8282	0.14%	0.027%
220	16.210	16.188	16.237	VV	176	3106	0.05%	0.010%
221	16.268	16.237	16.301	VV	958	14690	0.24%	0.049%
222	16.308	16.301	16.338	VV	309	3683	0.06%	0.012%
223	16.351	16.338	16.366	VV	134	1586	0.03%	0.005%
224	16.394	16.366	16.435	VV	1022	14617	0.24%	0.048%
225	16.454	16.435	16.484	VV	349	4547	0.07%	0.015%
226	16.594	16.484	16.625	PV	236	7258	0.12%	0.024%
227	16.764	16.625	16.804	PV	2909	60210	0.99%	0.199%
228	16.842	16.804	16.853	VV	529	13191	0.22%	0.044%
229	16.876	16.853	16.928	VV	1959	34334	0.56%	0.114%
230	16.960	16.928	16.983	VV	819	14429	0.24%	0.048%
231	17.011	16.983	17.058	VV	1609	26047	0.43%	0.086%
232	17.072	17.058	17.089	VV	167	2089	0.03%	0.007%
233	17.128	17.089	17.168	VV	721	15258	0.25%	0.050%
234	17.196	17.168	17.221	VV	352	6721	0.11%	0.022%
235	17.252	17.221	17.268	PV	727	9898	0.16%	0.033%
236	17.278	17.268	17.297	VV	262	3350	0.05%	0.011%
237	17.346	17.297	17.372	VV	1928	28802	0.47%	0.095%
238	17.397	17.372	17.463	VV	2416	39025	0.64%	0.129%
239	17.508	17.463	17.518	PV	93	1767	0.03%	0.006%
240	17.562	17.518	17.581	PV	220	3680	0.06%	0.012%
241	17.615	17.581	17.661	VV	222	6193	0.10%	0.020%
242	17.708	17.661	17.754	PV	1672	36107	0.59%	0.119%
243	17.796	17.754	17.834	VV	3910	64597	1.06%	0.214%
244	17.883	17.834	17.924	VV	1039	22463	0.37%	0.074%
245	17.931	17.924	17.944	VV	324	3481	0.06%	0.012%
246	17.966	17.944	17.991	VV	307	6319	0.10%	0.021%

rteres

247	18.022	17.991	18.041	VV	271	4961	0.08%	0.016%
248	18.078	18.041	18.104	VV	308	7153	0.12%	0.024%
249	18.119	18.104	18.131	VV	86	841	0.01%	0.003%
250	18.190	18.131	18.210	PV	2556	43890	0.72%	0.145%
251	18.235	18.210	18.264	VV	3972	64510	1.06%	0.213%
252	18.287	18.264	18.299	VV	917	15061	0.25%	0.050%
253	18.324	18.299	18.404	VV	2666	48189	0.79%	0.159%
254	18.473	18.404	18.498	PV	1033	22457	0.37%	0.074%
255	18.509	18.498	18.518	VV	386	3936	0.06%	0.013%
256	18.522	18.518	18.530	VV	423	2283	0.04%	0.008%
257	18.590	18.530	18.635	VV	15837	281629	4.61%	0.932%
258	18.659	18.635	18.691	VV	5682	92445	1.51%	0.306%
259	18.753	18.691	18.841	VV	2051	55620	0.91%	0.184%
260	18.877	18.841	18.898	PV	496	6900	0.11%	0.023%
261	18.927	18.898	18.944	VV	191	3458	0.06%	0.011%
262	18.967	18.944	18.983	PV	225	2396	0.04%	0.008%
263	19.012	18.983	19.029	VV	790	11024	0.18%	0.036%
264	19.067	19.029	19.131	VV	5450	108074	1.77%	0.358%
265	19.169	19.131	19.218	VV	2263	64445	1.06%	0.213%
266	19.241	19.218	19.268	VV	1028	27514	0.45%	0.091%
267	19.424	19.268	19.450	VV	12296	378487	6.20%	1.252%
268	19.474	19.450	19.514	VV	7492	202402	3.32%	0.670%
269	19.551	19.514	19.608	VV	4049	183370	3.00%	0.607%
270	19.633	19.608	19.650	VV	2982	71568	1.17%	0.237%
271	19.671	19.650	19.698	VV	3296	85713	1.40%	0.284%
272	19.720	19.698	19.744	VV	2889	72644	1.19%	0.240%
273	19.771	19.744	19.798	VV	2650	75100	1.23%	0.249%
274	19.854	19.798	19.888	VV	5861	183242	3.00%	0.606%
275	19.961	19.888	19.997	VV	5825	284789	4.67%	0.942%
276	20.036	19.997	20.080	VV	5493	220713	3.62%	0.730%
277	20.109	20.080	20.120	VV	4292	99435	1.63%	0.329%
278	20.154	20.120	20.174	VV	4790	147823	2.42%	0.489%
279	20.199	20.174	20.207	VV	5728	101626	1.67%	0.336%
280	20.231	20.207	20.258	VV	8442	197686	3.24%	0.654%
281	20.367	20.258	20.391	VV	7051	490772	8.04%	1.624%
282	20.412	20.391	20.428	VV	6707	143976	2.36%	0.476%
283	20.459	20.428	20.491	VV	8360	287207	4.71%	0.950%
284	20.593	20.491	20.671	VV	12403	1084619	17.77%	3.589%
285	20.707	20.671	20.726	VV	9667	308136	5.05%	1.020%
286	20.763	20.726	20.804	VV	11744	484399	7.94%	1.603%
287	20.848	20.804	20.858	VV	10990	333022	5.46%	1.102%
288	20.871	20.858	20.934	VV	10924	484890	7.95%	1.605%
289	20.959	20.934	20.996	VV	10789	369469	6.05%	1.223%
290	21.072	20.996	21.100	VV	9194	559242	9.16%	1.851%
291	21.151	21.100	21.208	VV	9541	586211	9.61%	1.940%
292	21.223	21.208	21.328	VV	8558	534243	8.75%	1.768%
293	21.371	21.328	21.421	VV	7627	379074	6.21%	1.254%
294	21.429	21.421	21.617	VV	6449	644499	10.56%	2.133%
295	21.635	21.617	21.661	VV	4465	116601	1.91%	0.386%
296	21.670	21.661	21.689	VV	4213	69011	1.13%	0.228%
297	21.728	21.689	21.791	VV	4200	239898	3.93%	0.794%
298	21.834	21.791	21.944	VV	4034	275349	4.51%	0.911%
299	22.038	21.944	22.074	VV	1992	140407	2.30%	0.465%

rteres

300	22.081	22.074	22.114	VV	1633	36218	0.59%	0.120%
301	22.132	22.114	22.140	VV	1379	21175	0.35%	0.070%
302	22.156	22.140	22.251	VV	1365	47084	0.77%	0.156%

Sum of corrected areas: 30219597

Aliphatic EPH 062725.M Thu Jul 03 05:41:54 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054675.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 19:21
Operator : YP\AJ
Sample : Q2480-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX4

Integration File: autoint1.e
Quant Time: Jul 03 05:10:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.076	4885483	30.084 ug/ml
Spiked Amount 50.000		Recovery =	60.17%
12) S 1-chlorooctadecane (S...	13.512	3849837	30.483 ug/ml
Spiked Amount 50.000		Recovery =	60.97%
Target Compounds			

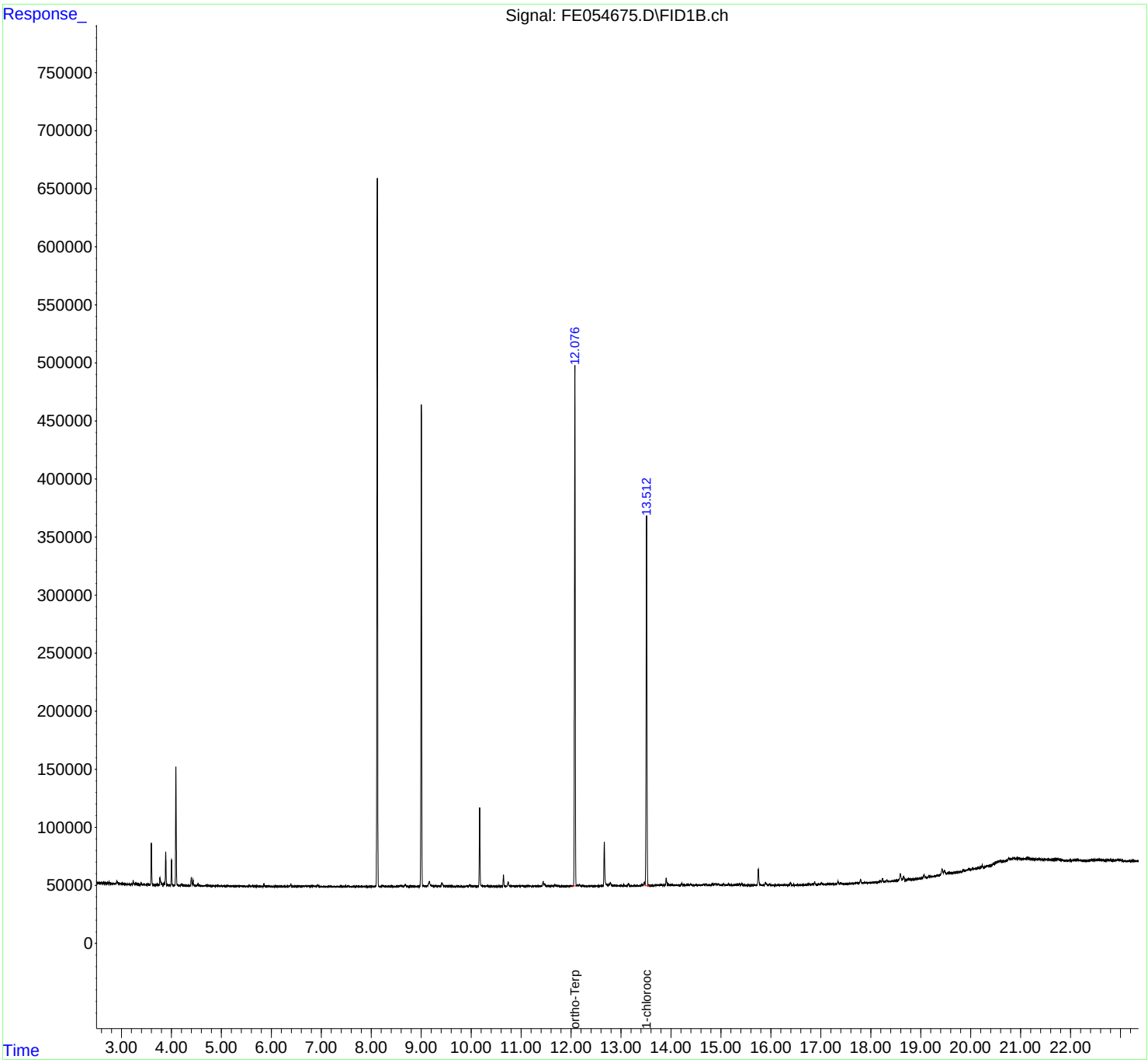
(f)=RT Delta > 1/2 Window (m)=manual int.

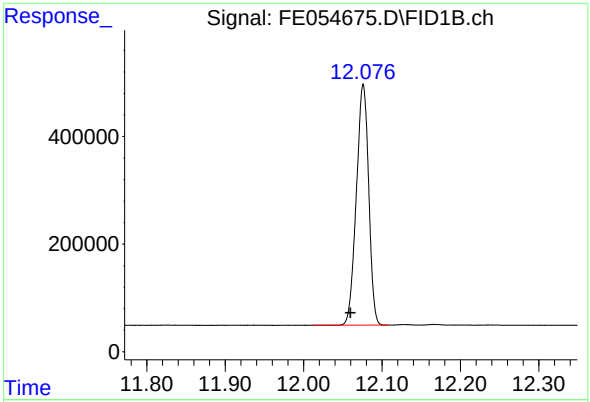
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054675.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 19:21
Operator : YP\AJ
Sample : Q2480-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX4

Integration File: autoint1.e
Quant Time: Jul 03 05:10:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

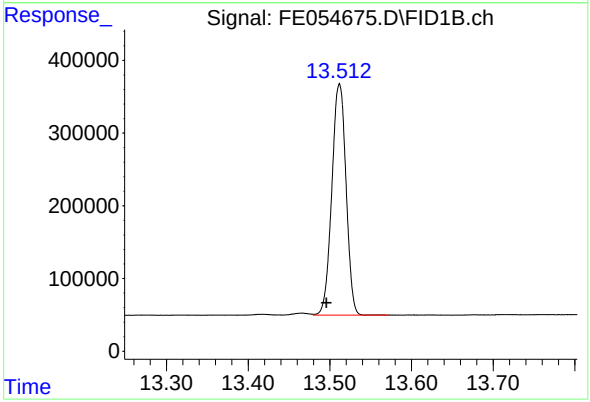




#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.016 min
Response: 4885483
Conc: 30.08 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX4



#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.016 min
Response: 3849837
Conc: 30.48 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054675.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 19:21
Sample : Q2480-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.846	2.805	2.878	BV	414	4786	0.10%	0.020%
2	2.881	2.878	2.890	VV	97	334	0.01%	0.001%
3	2.907	2.890	3.021	PV	2493	47610	0.97%	0.199%
4	3.032	3.021	3.085	VV	341	6641	0.14%	0.028%
5	3.105	3.085	3.199	PV	290	7514	0.15%	0.031%
6	3.235	3.199	3.262	VV	3352	36335	0.74%	0.152%
7	3.286	3.262	3.302	VV	650	11197	0.23%	0.047%
8	3.311	3.302	3.374	VV	473	8736	0.18%	0.037%
9	3.396	3.374	3.485	VV	1687	22687	0.46%	0.095%
10	3.501	3.485	3.511	VV	247	2527	0.05%	0.011%
11	3.528	3.511	3.578	VV	688	14218	0.29%	0.059%
12	3.598	3.578	3.679	VV	36241	334325	6.83%	1.398%
13	3.701	3.679	3.746	PV	712	11338	0.23%	0.047%
14	3.770	3.746	3.797	VV	6123	81798	1.67%	0.342%
15	3.806	3.797	3.838	VV	2114	25082	0.51%	0.105%
16	3.852	3.838	3.865	VV	1873	18584	0.38%	0.078%
17	3.886	3.865	3.961	VV	28439	267983	5.47%	1.121%
18	3.965	3.961	3.971	VV	32	134	0.00%	0.001%
19	4.002	3.971	4.057	PV	22000	197031	4.02%	0.824%
20	4.090	4.057	4.172	VV	100587	924646	18.88%	3.867%
21	4.197	4.172	4.238	VV	1431	19410	0.40%	0.081%
22	4.255	4.238	4.302	VV	407	7311	0.15%	0.031%
23	4.323	4.302	4.369	VV	181	3594	0.07%	0.015%
24	4.399	4.369	4.418	VV	7105	81387	1.66%	0.340%
25	4.434	4.418	4.488	VV	5089	52364	1.07%	0.219%
26	4.532	4.488	4.657	VV	2193	33833	0.69%	0.141%
27	4.692	4.657	4.707	VV	472	10222	0.21%	0.043%
28	4.718	4.707	4.726	VV	498	4623	0.09%	0.019%
29	4.739	4.726	4.761	VV	617	7784	0.16%	0.033%
30	4.773	4.761	4.815	VV	279	4404	0.09%	0.018%
31	4.844	4.815	4.885	PV	680	7751	0.16%	0.032%
32	4.897	4.885	4.934	PV	127	2074	0.04%	0.009%
33	4.954	4.934	4.978	VV	341	3876	0.08%	0.016%
34	4.995	4.978	5.028	PV	105	2032	0.04%	0.008%
35	5.047	5.028	5.059	VV	267	2653	0.05%	0.011%
36	5.066	5.059	5.085	VV	158	1571	0.03%	0.007%

rteres

37	5.106	5.085	5.187	VV	238	8116	0.17%	0.034%
38	5.205	5.187	5.243	VV	247	4622	0.09%	0.019%
39	5.255	5.243	5.262	VV	233	1746	0.04%	0.007%
40	5.268	5.262	5.275	VV	196	1336	0.03%	0.006%
41	5.288	5.275	5.375	VV	275	9589	0.20%	0.040%
42	5.393	5.375	5.424	VV	258	3726	0.08%	0.016%
43	5.434	5.424	5.455	VV	133	1220	0.02%	0.005%
44	5.464	5.455	5.516	VV	155	3111	0.06%	0.013%
45	5.525	5.516	5.532	PV	69	333	0.01%	0.001%
46	5.558	5.532	5.608	VV	868	12619	0.26%	0.053%
47	5.621	5.608	5.644	VV	374	4927	0.10%	0.021%
48	5.657	5.644	5.715	VV	216	3624	0.07%	0.015%
49	5.721	5.715	5.730	VV	84	449	0.01%	0.002%
50	5.739	5.730	5.756	VV	91	931	0.02%	0.004%
51	5.766	5.756	5.777	VV	120	830	0.02%	0.003%
52	5.816	5.777	5.831	PV	265	4967	0.10%	0.021%
53	5.852	5.831	5.905	VV	2564	26925	0.55%	0.113%
54	5.923	5.905	5.939	VV	415	4460	0.09%	0.019%
55	5.960	5.939	5.987	VV	243	3236	0.07%	0.014%
56	6.007	5.987	6.045	VV	173	2980	0.06%	0.012%
57	6.077	6.045	6.095	VV	171	3913	0.08%	0.016%
58	6.115	6.095	6.126	VV	227	3172	0.06%	0.013%
59	6.137	6.126	6.160	VV	203	2690	0.05%	0.011%
60	6.175	6.160	6.225	VV	148	3469	0.07%	0.015%
61	6.244	6.225	6.256	PV	287	2637	0.05%	0.011%
62	6.270	6.256	6.298	VV	182	2921	0.06%	0.012%
63	6.391	6.298	6.423	VV	2465	37075	0.76%	0.155%
64	6.443	6.423	6.471	VV	285	5758	0.12%	0.024%
65	6.490	6.471	6.529	VV	348	8199	0.17%	0.034%
66	6.560	6.529	6.600	VV	368	11305	0.23%	0.047%
67	6.641	6.600	6.668	VV	405	11700	0.24%	0.049%
68	6.687	6.668	6.722	VV	668	13247	0.27%	0.055%
69	6.741	6.722	6.781	VV	483	11924	0.24%	0.050%
70	6.789	6.781	6.798	VV	392	3217	0.07%	0.013%
71	6.802	6.798	6.815	VV	376	3317	0.07%	0.014%
72	6.850	6.815	6.905	VV	472	14507	0.30%	0.061%
73	6.927	6.905	6.988	VV	1802	23793	0.49%	0.100%
74	7.013	6.988	7.038	VV	137	2505	0.05%	0.010%
75	7.080	7.038	7.110	VV	115	2878	0.06%	0.012%
76	7.137	7.110	7.168	VV	169	3722	0.08%	0.016%
77	7.182	7.168	7.224	VV	236	3774	0.08%	0.016%
78	7.234	7.224	7.245	VV	77	785	0.02%	0.003%
79	7.249	7.245	7.281	VV	88	1188	0.02%	0.005%
80	7.313	7.281	7.348	PV	93	2858	0.06%	0.012%
81	7.410	7.348	7.470	VV	202	11443	0.23%	0.048%
82	7.490	7.470	7.520	VV	581	8830	0.18%	0.037%
83	7.537	7.520	7.608	VV	442	10590	0.22%	0.044%
84	7.632	7.608	7.685	VV	365	9227	0.19%	0.039%
85	7.716	7.685	7.787	VV	255	9613	0.20%	0.040%
86	7.796	7.787	7.836	VV	194	2726	0.06%	0.011%
87	7.861	7.836	7.905	VV	264	3472	0.07%	0.015%
88	7.944	7.905	7.958	PV	93	1727	0.04%	0.007%
89	7.963	7.958	7.998	VV	97	1149	0.02%	0.005%

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90	8.021	7.998	8.043	VV	406	4560	0.09%	0.019%
91	8.055	8.043	8.072	VV	184	2340	0.05%	0.010%
92	8.230	8.180	8.251	VV	602	13829	0.28%	0.058%
93	8.262	8.251	8.288	VV	480	5624	0.11%	0.024%
94	8.294	8.288	8.328	VV	185	2797	0.06%	0.012%
95	8.340	8.328	8.352	VV	181	1962	0.04%	0.008%
96	8.372	8.352	8.401	VV	181	4018	0.08%	0.017%
97	8.426	8.401	8.450	VV	251	4944	0.10%	0.021%
98	8.461	8.450	8.484	VV	160	2386	0.05%	0.010%
99	8.585	8.484	8.641	VV	826	36741	0.75%	0.154%
100	8.683	8.641	8.764	VV	1643	43100	0.88%	0.180%
101	8.778	8.764	8.801	VV	247	4444	0.09%	0.019%
102	8.821	8.801	8.891	VV	396	11113	0.23%	0.046%
103	8.922	8.891	8.958	VV	178	4600	0.09%	0.019%
104	9.056	9.042	9.084	VV	552	11919	0.24%	0.050%
105	9.160	9.084	9.271	VV	4094	132496	2.71%	0.554%
106	9.297	9.271	9.331	VV	755	16499	0.34%	0.069%
107	9.417	9.331	9.497	VV	3117	79025	1.61%	0.330%
108	9.515	9.497	9.537	VV	513	9084	0.19%	0.038%
109	9.556	9.537	9.625	VV	386	11314	0.23%	0.047%
110	9.658	9.625	9.687	VV	252	5370	0.11%	0.022%
111	9.712	9.687	9.737	VV	399	6647	0.14%	0.028%
112	9.751	9.737	9.768	VV	137	1671	0.03%	0.007%
113	9.770	9.768	9.787	VV	160	738	0.02%	0.003%
114	9.825	9.787	9.854	VV	126	3171	0.06%	0.013%
115	9.900	9.854	9.921	VV	357	8278	0.17%	0.035%
116	9.972	9.921	10.065	VV	1492	43463	0.89%	0.182%
117	10.073	10.065	10.115	VV	288	5733	0.12%	0.024%
118	10.171	10.115	10.262	VV	67470	703168	14.36%	2.941%
119	10.324	10.262	10.353	VV	903	19146	0.39%	0.080%
120	10.366	10.353	10.387	VV	173	2631	0.05%	0.011%
121	10.407	10.387	10.428	VV	263	3800	0.08%	0.016%
122	10.470	10.428	10.491	VV	218	5532	0.11%	0.023%
123	10.511	10.491	10.541	VV	225	2931	0.06%	0.012%
124	10.554	10.541	10.613	VV	150	2375	0.05%	0.010%
125	10.647	10.613	10.677	PV	9786	101526	2.07%	0.425%
126	10.740	10.677	10.847	VV	3997	81495	1.66%	0.341%
127	10.858	10.847	10.896	VV	353	6882	0.14%	0.029%
128	10.909	10.896	10.917	VV	231	2402	0.05%	0.010%
129	10.949	10.917	10.977	VV	352	9759	0.20%	0.041%
130	10.996	10.977	11.018	VV	474	7551	0.15%	0.032%
131	11.034	11.018	11.062	VV	402	7680	0.16%	0.032%
132	11.070	11.062	11.090	VV	117	1856	0.04%	0.008%
133	11.105	11.090	11.113	VV	178	1807	0.04%	0.008%
134	11.145	11.113	11.178	VV	619	13417	0.27%	0.056%
135	11.188	11.178	11.214	VV	282	3790	0.08%	0.016%
136	11.236	11.214	11.252	VV	220	3416	0.07%	0.014%
137	11.270	11.252	11.285	VV	247	3463	0.07%	0.014%
138	11.302	11.285	11.312	VV	210	2822	0.06%	0.012%
139	11.327	11.312	11.339	VV	267	2573	0.05%	0.011%
140	11.359	11.339	11.375	VV	309	4098	0.08%	0.017%
141	11.389	11.375	11.397	VV	303	3240	0.07%	0.014%

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142	11.441	11.397	11.458	VV	4105	58973	1.20%	0.247%
143	11.471	11.458	11.549	VV	2092	40225	0.82%	0.168%
144	11.563	11.549	11.624	VV	249	8335	0.17%	0.035%
145	11.635	11.624	11.646	VV	200	1859	0.04%	0.008%
146	11.679	11.646	11.706	VV	1472	22132	0.45%	0.093%
147	11.747	11.706	11.791	VV	481	12532	0.26%	0.052%
148	11.826	11.791	11.885	VV	357	7343	0.15%	0.031%
149	11.914	11.885	11.926	PV	170	2201	0.04%	0.009%
150	11.940	11.926	11.965	VV	143	2296	0.05%	0.010%
151	12.028	11.965	12.041	VV	165	4361	0.09%	0.018%
152	12.076	12.041	12.109	VV	445998	4896458	100.00%	20.478%
153	12.129	12.109	12.148	VV	1338	19173	0.39%	0.080%
154	12.167	12.148	12.191	VV	1516	22428	0.46%	0.094%
155	12.202	12.191	12.218	VV	510	6429	0.13%	0.027%
156	12.238	12.218	12.329	VV	609	10919	0.22%	0.046%
157	12.358	12.329	12.383	VV	143	1927	0.04%	0.008%
158	12.411	12.383	12.450	PV	492	9462	0.19%	0.040%
159	12.466	12.450	12.497	VV	192	3257	0.07%	0.014%
160	12.517	12.497	12.538	VV	292	4674	0.10%	0.020%
161	12.580	12.538	12.618	VV	292	10680	0.22%	0.045%
162	12.666	12.618	12.740	VV	37567	482800	9.86%	2.019%
163	12.756	12.740	12.767	VV	1279	18272	0.37%	0.076%
164	12.786	12.767	12.843	VV	3228	60898	1.24%	0.255%
165	12.874	12.843	12.891	VV	611	15764	0.32%	0.066%
166	12.903	12.891	12.938	VV	605	11261	0.23%	0.047%
167	12.949	12.938	12.967	VV	333	4946	0.10%	0.021%
168	13.002	12.967	13.032	VV	669	14161	0.29%	0.059%
169	13.060	13.032	13.082	VV	820	14075	0.29%	0.059%
170	13.091	13.082	13.109	VV	280	3730	0.08%	0.016%
171	13.150	13.109	13.175	VV	1771	31520	0.64%	0.132%
172	13.184	13.175	13.247	VV	290	7810	0.16%	0.033%
173	13.276	13.247	13.292	VV	273	5351	0.11%	0.022%
174	13.318	13.292	13.341	VV	364	6410	0.13%	0.027%
175	13.417	13.341	13.440	VV	1366	28374	0.58%	0.119%
176	13.466	13.440	13.480	VV	2999	41873	0.86%	0.175%
177	13.512	13.480	13.547	VV	318183	3856678	78.76%	16.129%
178	13.560	13.547	13.591	VV	499	9551	0.20%	0.040%
179	13.599	13.591	13.615	VV	366	4586	0.09%	0.019%
180	13.622	13.615	13.650	VV	400	6246	0.13%	0.026%
181	13.677	13.650	13.692	VV	613	10351	0.21%	0.043%
182	13.714	13.692	13.741	VV	837	20938	0.43%	0.088%
183	13.762	13.741	13.779	VV	883	17596	0.36%	0.074%
184	13.802	13.779	13.840	VV	842	25598	0.52%	0.107%
185	13.878	13.840	13.886	VV	1230	21194	0.43%	0.089%
186	13.905	13.886	13.995	VV	6556	122925	2.51%	0.514%
187	14.017	13.995	14.065	VV	1306	33124	0.68%	0.139%
188	14.075	14.065	14.104	VV	570	12566	0.26%	0.053%
189	14.122	14.104	14.151	VV	657	15329	0.31%	0.064%
190	14.166	14.151	14.178	VV	485	7012	0.14%	0.029%
191	14.215	14.178	14.243	VV	2135	36734	0.75%	0.154%
192	14.264	14.243	14.289	VV	874	17660	0.36%	0.074%
193	14.327	14.289	14.343	VV	795	21716	0.44%	0.091%
194	14.359	14.343	14.369	VV	734	10805	0.22%	0.045%

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195	14.395	14.369	14.459	VV	1455	39719	0.81%	0.166%
196	14.492	14.459	14.559	VV	663	31487	0.64%	0.132%
197	14.580	14.559	14.606	VV	547	14044	0.29%	0.059%
198	14.655	14.606	14.680	VV	1308	33125	0.68%	0.139%
199	14.703	14.680	14.743	VV	1249	28005	0.57%	0.117%
200	14.766	14.743	14.805	VV	629	19732	0.40%	0.083%
201	14.838	14.805	14.871	VV	1351	37847	0.77%	0.158%
202	14.889	14.871	14.911	VV	1915	30557	0.62%	0.128%
203	14.930	14.911	14.940	VV	1268	18814	0.38%	0.079%
204	14.952	14.940	15.033	VV	1318	38822	0.79%	0.162%
205	15.053	15.033	15.095	VV	1176	24500	0.50%	0.102%
206	15.105	15.095	15.117	VV	492	5739	0.12%	0.024%
207	15.149	15.117	15.193	VV	1693	34142	0.70%	0.143%
208	15.215	15.193	15.252	VV	596	14108	0.29%	0.059%
209	15.265	15.252	15.285	VV	427	6937	0.14%	0.029%
210	15.292	15.285	15.300	VV	360	3091	0.06%	0.013%
211	15.330	15.300	15.348	VV	1134	21236	0.43%	0.089%
212	15.369	15.348	15.392	VV	1495	24467	0.50%	0.102%
213	15.417	15.392	15.448	VV	1645	25649	0.52%	0.107%
214	15.468	15.448	15.528	VV	347	10662	0.22%	0.045%
215	15.547	15.528	15.598	VV	284	6991	0.14%	0.029%
216	15.626	15.598	15.649	VV	200	3905	0.08%	0.016%
217	15.672	15.649	15.688	VV	258	4048	0.08%	0.017%
218	15.748	15.688	15.835	VV	13998	204931	4.19%	0.857%
219	15.846	15.835	15.861	VV	220	2842	0.06%	0.012%
220	15.892	15.861	15.938	VV	2098	42048	0.86%	0.176%
221	15.946	15.938	15.951	VV	218	1331	0.03%	0.006%
222	15.974	15.951	16.082	VV	1016	23795	0.49%	0.100%
223	16.106	16.082	16.115	PV	85	651	0.01%	0.003%
224	16.154	16.115	16.200	VV	299	6375	0.13%	0.027%
225	16.215	16.200	16.232	VV	137	1655	0.03%	0.007%
226	16.267	16.232	16.303	VV	471	8023	0.16%	0.034%
227	16.317	16.303	16.331	VV	124	1293	0.03%	0.005%
228	16.354	16.331	16.365	VV	124	1678	0.03%	0.007%
229	16.394	16.365	16.433	VV	2241	29620	0.60%	0.124%
230	16.452	16.433	16.496	VV	200	4017	0.08%	0.017%
231	16.506	16.496	16.510	PV	74	508	0.01%	0.002%
232	16.527	16.510	16.550	VV	136	1743	0.04%	0.007%
233	16.583	16.550	16.664	VV	183	3517	0.07%	0.015%
234	16.705	16.664	16.717	PV	213	3107	0.06%	0.013%
235	16.733	16.717	16.743	VV	453	5010	0.10%	0.021%
236	16.763	16.743	16.799	VV	1074	17914	0.37%	0.075%
237	16.842	16.799	16.851	VV	358	7386	0.15%	0.031%
238	16.877	16.851	16.933	VV	2557	37964	0.78%	0.159%
239	16.957	16.933	16.983	VV	378	6746	0.14%	0.028%
240	17.011	16.983	17.065	VV	1136	21704	0.44%	0.091%
241	17.078	17.065	17.098	VV	193	2722	0.06%	0.011%
242	17.128	17.098	17.162	VV	296	7461	0.15%	0.031%
243	17.171	17.162	17.208	VV	237	4734	0.10%	0.020%
244	17.250	17.208	17.265	VV	287	6443	0.13%	0.027%
245	17.345	17.265	17.372	VV	2678	44130	0.90%	0.185%
246	17.397	17.372	17.442	VV	1406	23659	0.48%	0.099%

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247	17.452	17.442	17.475	VV	115	1311	0.03%	0.005%
248	17.490	17.475	17.508	VV	142	1658	0.03%	0.007%
249	17.519	17.508	17.524	PV	41	223	0.00%	0.001%
250	17.569	17.524	17.588	PV	118	2516	0.05%	0.011%
251	17.636	17.588	17.675	PV	173	5283	0.11%	0.022%
252	17.706	17.675	17.745	VV	666	15102	0.31%	0.063%
253	17.796	17.745	17.833	VV	3428	53677	1.10%	0.224%
254	17.882	17.833	17.930	VV	460	12611	0.26%	0.053%
255	17.938	17.930	17.944	VV	128	980	0.02%	0.004%
256	17.975	17.944	17.994	VV	199	3985	0.08%	0.017%
257	18.030	17.994	18.053	VV	210	5153	0.11%	0.022%
258	18.078	18.053	18.122	PV	260	5936	0.12%	0.025%
259	18.132	18.122	18.138	PV	61	501	0.01%	0.002%
260	18.190	18.138	18.208	VV	1097	19260	0.39%	0.081%
261	18.234	18.208	18.266	VV	2863	43683	0.89%	0.183%
262	18.282	18.266	18.297	VV	286	3533	0.07%	0.015%
263	18.324	18.297	18.354	VV	1422	20972	0.43%	0.088%
264	18.369	18.354	18.381	VV	102	1250	0.03%	0.005%
265	18.476	18.381	18.498	PV	480	9909	0.20%	0.041%
266	18.511	18.498	18.534	VV	230	3105	0.06%	0.013%
267	18.591	18.534	18.633	VV	5918	115741	2.36%	0.484%
268	18.659	18.633	18.698	VV	3228	51573	1.05%	0.216%
269	18.752	18.698	18.775	VV	666	11066	0.23%	0.046%
270	18.802	18.775	18.811	VV	106	1563	0.03%	0.007%
271	19.067	18.811	19.121	PV	3130	81112	1.66%	0.339%
272	19.172	19.121	19.209	VV	1302	42776	0.87%	0.179%
273	19.426	19.209	19.449	VV	6242	225941	4.61%	0.945%
274	19.476	19.449	19.514	VV	4540	130775	2.67%	0.547%
275	19.549	19.514	19.559	VV	2409	58300	1.19%	0.244%
276	19.565	19.559	19.593	VV	2310	44244	0.90%	0.185%
277	19.643	19.593	19.646	VV	2055	64630	1.32%	0.270%
278	19.667	19.646	19.695	VV	2295	59800	1.22%	0.250%
279	19.719	19.695	19.740	VV	2129	54299	1.11%	0.227%
280	19.853	19.740	19.885	VV	3985	216142	4.41%	0.904%
281	19.960	19.885	19.991	VV	3990	204862	4.18%	0.857%
282	20.035	19.991	20.065	VV	3868	152312	3.11%	0.637%
283	20.144	20.065	20.168	VV	4018	231318	4.72%	0.967%
284	20.198	20.168	20.207	VV	4345	95044	1.94%	0.397%
285	20.231	20.207	20.259	VV	5572	146779	3.00%	0.614%
286	20.458	20.259	20.470	VV	6360	616627	12.59%	2.579%
287	20.593	20.470	20.628	VV	8137	692527	14.14%	2.896%
288	20.764	20.628	20.807	VV	9561	856497	17.49%	3.582%
289	20.858	20.807	20.895	VV	9079	462308	9.44%	1.933%
290	20.958	20.895	21.014	VV	8691	596526	12.18%	2.495%
291	21.133	21.014	21.140	VV	7833	577366	11.79%	2.415%
292	21.151	21.140	21.201	VV	7803	273185	5.58%	1.142%
293	21.209	21.201	21.242	VV	6931	165797	3.39%	0.693%
294	21.252	21.242	21.291	VV	6505	187418	3.83%	0.784%
295	21.302	21.291	21.315	VV	6127	85413	1.74%	0.357%
296	21.321	21.315	21.343	VV	6074	102938	2.10%	0.431%
297	21.372	21.343	21.443	VV	6249	344183	7.03%	1.439%
298	21.492	21.443	21.591	VV	5209	435169	8.89%	1.820%
299	21.739	21.591	21.881	VV	4332	664179	13.56%	2.778%

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300	21.900	21.881	21.908	VV	2365	38196	0.78%	0.160%
301	21.915	21.908	21.935	VV	2347	34058	0.70%	0.142%
302	21.981	21.935	22.005	VV	2143	87555	1.79%	0.366%
303	22.130	22.005	22.259	VV	1995	250539	5.12%	1.048%
304	22.266	22.259	22.326	VV	658	14973	0.31%	0.063%

Sum of corrected areas: 23911235

Aliphatic EPH 062725.M Thu Jul 03 05:42:28 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054676.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 19:52
Operator : YP\AJ
Sample : Q2480-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX5

Integration File: autoint1.e
Quant Time: Jul 03 05:11:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.076	4460911	27.470 ug/ml
Spiked Amount 50.000		Recovery = 54.94%	
12) S 1-chlorooctadecane (S...	13.512	3561608	28.201 ug/ml
Spiked Amount 50.000		Recovery = 56.40%	
Target Compounds			

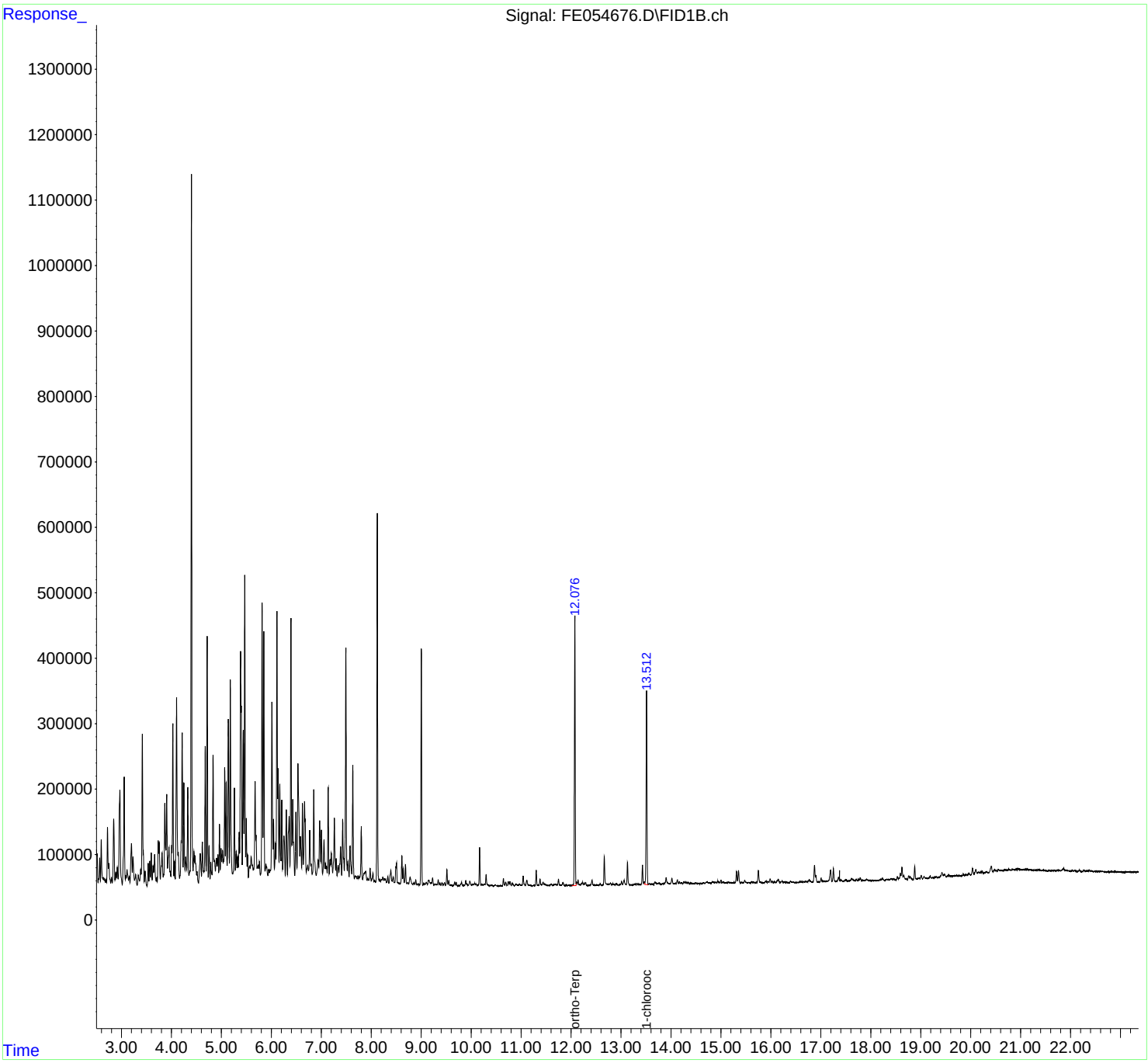
(f)=RT Delta > 1/2 Window (m)=manual int.

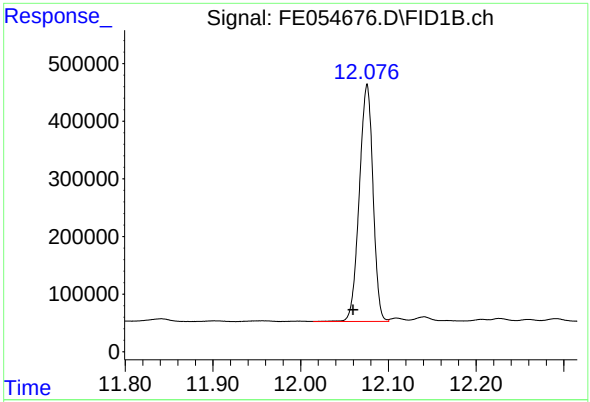
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054676.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 19:52
Operator : YP\AJ
Sample : Q2480-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX5

Integration File: autoint1.e
Quant Time: Jul 03 05:11:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

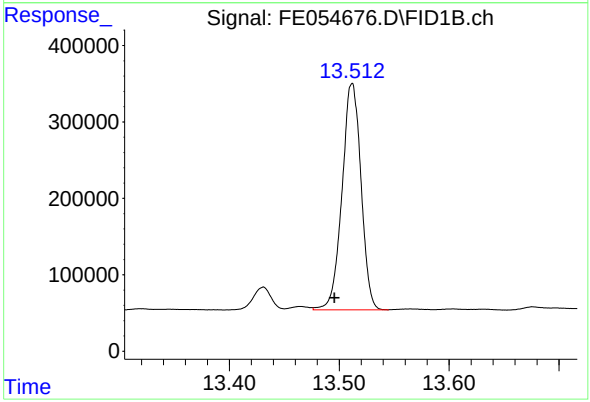




#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.016 min
Response: 4460911
Conc: 27.47 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX5



#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.016 min
Response: 3561608
Conc: 28.20 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054676.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 19:52
Sample : Q2480-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.845	2.805	2.870	BV	92819	1152850	10.32%	0.514%
2	2.886	2.870	2.900	VV	12760	161217	1.44%	0.072%
3	2.916	2.900	2.933	VV	22336	258099	2.31%	0.115%
4	2.967	2.933	3.015	VV	142551	2414765	21.61%	1.077%
5	3.054	3.015	3.078	PV	164789	2035356	18.21%	0.907%
6	3.112	3.078	3.141	VV	22788	531247	4.75%	0.237%
7	3.156	3.141	3.170	VV	12501	158190	1.42%	0.071%
8	3.200	3.170	3.218	VV	63741	1031728	9.23%	0.460%
9	3.231	3.218	3.261	VV	43274	650328	5.82%	0.290%
10	3.285	3.261	3.314	VV	16320	277126	2.48%	0.124%
11	3.337	3.314	3.362	VV	15903	252378	2.26%	0.113%
12	3.384	3.362	3.394	VV	24585	308102	2.76%	0.137%
13	3.418	3.394	3.457	VV	231944	2963644	26.52%	1.321%
14	3.474	3.457	3.510	VV	22230	328359	2.94%	0.146%
15	3.535	3.510	3.550	PV	34871	356332	3.19%	0.159%
16	3.566	3.550	3.581	VV	37889	437360	3.91%	0.195%
17	3.597	3.581	3.616	VV	50749	578063	5.17%	0.258%
18	3.633	3.616	3.646	VV	30947	401468	3.59%	0.179%
19	3.664	3.646	3.694	VV	48439	739428	6.62%	0.330%
20	3.705	3.694	3.718	VV	12509	137664	1.23%	0.061%
21	3.736	3.718	3.778	VV	68076	1544360	13.82%	0.689%
22	3.813	3.778	3.836	VV	51123	1026636	9.19%	0.458%
23	3.868	3.836	3.891	VV	126255	1907686	17.07%	0.851%
24	3.906	3.891	3.924	VV	138834	1618013	14.48%	0.721%
25	3.951	3.924	3.988	VV	58674	1353284	12.11%	0.603%
26	4.029	3.988	4.049	VV	246797	3211873	28.74%	1.432%
27	4.062	4.049	4.076	VV	37510	418828	3.75%	0.187%
28	4.104	4.076	4.164	VV	287992	4714184	42.18%	2.102%
29	4.215	4.164	4.233	VV	233151	3313461	29.65%	1.477%
30	4.249	4.233	4.273	VV	155661	1856666	16.61%	0.828%
31	4.287	4.273	4.307	VV	44252	698795	6.25%	0.312%
32	4.328	4.307	4.352	VV	150868	1869370	16.73%	0.833%
33	4.401	4.352	4.434	VV	1087599	11176292	100.00%	4.983%
34	4.451	4.434	4.462	VV	53061	689892	6.17%	0.308%
35	4.471	4.462	4.505	VV	46495	858392	7.68%	0.383%
36	4.514	4.505	4.540	VV	22107	291736	2.61%	0.130%

rteres

37	4.577	4.540	4.601	VV	49611	1025024	9.17%	0.457%
38	4.619	4.601	4.655	VV	67053	1101970	9.86%	0.491%
39	4.677	4.655	4.696	VV	213471	2335885	20.90%	1.041%
40	4.716	4.696	4.737	VV	380449	3854646	34.49%	1.719%
41	4.753	4.737	4.773	VV	60909	749108	6.70%	0.334%
42	4.789	4.773	4.813	VV	36620	555131	4.97%	0.247%
43	4.834	4.813	4.880	VV	199211	2689085	24.06%	1.199%
44	4.900	4.880	4.914	VV	42862	718329	6.43%	0.320%
45	4.930	4.914	4.945	VV	48076	693566	6.21%	0.309%
46	4.962	4.945	4.978	VV	94124	1052333	9.42%	0.469%
47	4.993	4.978	5.008	VV	56868	835276	7.47%	0.372%
48	5.022	5.008	5.051	VV	54323	1099355	9.84%	0.490%
49	5.066	5.051	5.082	VV	179636	1909585	17.09%	0.851%
50	5.096	5.082	5.115	VV	157879	1857023	16.62%	0.828%
51	5.138	5.115	5.160	VV	255143	3485621	31.19%	1.554%
52	5.178	5.160	5.225	VV	312890	4008035	35.86%	1.787%
53	5.260	5.225	5.279	VV	150510	1900622	17.01%	0.847%
54	5.296	5.279	5.312	VV	53273	782530	7.00%	0.349%
55	5.325	5.312	5.338	VV	45328	552720	4.95%	0.246%
56	5.355	5.338	5.365	VV	82036	951536	8.51%	0.424%
57	5.385	5.365	5.417	VV	355772	6220196	55.66%	2.773%
58	5.438	5.417	5.451	VV	238030	2897913	25.93%	1.292%
59	5.468	5.451	5.486	VV	477225	4862326	43.51%	2.168%
60	5.497	5.486	5.514	VV	103024	1173576	10.50%	0.523%
61	5.524	5.514	5.541	VV	48125	517264	4.63%	0.231%
62	5.567	5.541	5.578	VV	30490	574184	5.14%	0.256%
63	5.596	5.578	5.638	VV	44979	1215170	10.87%	0.542%
64	5.675	5.638	5.728	VV	159082	3298575	29.51%	1.471%
65	5.739	5.728	5.749	VV	32321	372736	3.34%	0.166%
66	5.761	5.749	5.780	VV	37706	527592	4.72%	0.235%
67	5.815	5.780	5.832	VV	430971	4797532	42.93%	2.139%
68	5.849	5.832	5.875	VV	386814	4235500	37.90%	1.888%
69	5.892	5.875	5.930	VV	33639	864086	7.73%	0.385%
70	5.948	5.930	5.961	VV	25495	399908	3.58%	0.178%
71	6.012	5.961	6.033	VV	280788	3849265	34.44%	1.716%
72	6.044	6.033	6.062	VV	102604	1145308	10.25%	0.511%
73	6.082	6.062	6.092	VV	65371	838461	7.50%	0.374%
74	6.112	6.092	6.154	VV	419488	6555337	58.65%	2.923%
75	6.169	6.154	6.195	VV	154650	1932105	17.29%	0.861%
76	6.209	6.195	6.227	VV	129950	1430312	12.80%	0.638%
77	6.253	6.227	6.278	VV	76659	1609434	14.40%	0.718%
78	6.300	6.278	6.322	VV	116409	1656127	14.82%	0.738%
79	6.356	6.322	6.373	VV	106250	2123820	19.00%	0.947%
80	6.393	6.373	6.413	VV	404253	4349843	38.92%	1.939%
81	6.429	6.413	6.469	VV	131311	2365693	21.17%	1.055%
82	6.492	6.469	6.513	VV	112930	1592475	14.25%	0.710%
83	6.534	6.513	6.570	VV	183915	3661564	32.76%	1.632%
84	6.582	6.570	6.607	VV	75696	1219339	10.91%	0.544%
85	6.623	6.607	6.641	VV	126377	1447515	12.95%	0.645%
86	6.666	6.641	6.701	VV	129011	2589720	23.17%	1.155%
87	6.728	6.701	6.744	VV	31470	701259	6.27%	0.313%
88	6.769	6.744	6.818	VV	85479	1780845	15.93%	0.794%
89	6.850	6.818	6.898	VV	146891	2332166	20.87%	1.040%

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90	6.938	6.898	6.950	VV	39471	888350	7.95%	0.396%
91	6.969	6.950	6.990	VV	99794	1577260	14.11%	0.703%
92	7.004	6.990	7.027	VV	85508	1110139	9.93%	0.495%
93	7.055	7.027	7.072	VV	70506	1115547	9.98%	0.497%
94	7.081	7.072	7.094	VV	35213	405462	3.63%	0.181%
95	7.104	7.094	7.117	VV	30907	386215	3.46%	0.172%
96	7.138	7.117	7.159	VV	150736	1751581	15.67%	0.781%
97	7.176	7.159	7.187	VV	40261	534273	4.78%	0.238%
98	7.201	7.187	7.228	VV	50528	914261	8.18%	0.408%
99	7.262	7.228	7.287	VV	103644	1793615	16.05%	0.800%
100	7.300	7.287	7.317	VV	42010	522832	4.68%	0.233%
101	7.337	7.317	7.354	VV	31669	555594	4.97%	0.248%
102	7.387	7.354	7.408	VV	60255	1207836	10.81%	0.538%
103	7.429	7.408	7.460	VV	103061	1630767	14.59%	0.727%
104	7.492	7.460	7.520	VV	361873	4480176	40.09%	1.997%
105	7.535	7.520	7.556	VV	37834	620964	5.56%	0.277%
106	7.577	7.556	7.610	VV	60755	1125926	10.07%	0.502%
107	7.631	7.610	7.663	VV	184235	2108676	18.87%	0.940%
108	7.679	7.663	7.691	VV	15775	233732	2.09%	0.104%
109	7.700	7.691	7.718	VV	15006	227591	2.04%	0.101%
110	7.734	7.718	7.750	VV	16001	254442	2.28%	0.113%
111	7.763	7.750	7.769	VV	13828	146506	1.31%	0.065%
112	7.801	7.769	7.828	VV	91270	1240018	11.10%	0.553%
113	7.859	7.828	7.867	VV	19890	379872	3.40%	0.169%
114	7.888	7.867	7.915	VV	22636	516154	4.62%	0.230%
115	7.928	7.915	7.952	VV	11000	221373	1.98%	0.099%
116	7.978	7.952	8.003	VV	26894	471559	4.22%	0.210%
117	8.034	8.003	8.054	VV	20088	385723	3.45%	0.172%
118	8.066	8.054	8.088	VV	8328	151450	1.36%	0.068%
119	8.172	8.159	8.187	VV	10445	143938	1.29%	0.064%
120	8.202	8.187	8.211	VV	10309	131273	1.17%	0.059%
121	8.232	8.211	8.250	VV	13846	257541	2.30%	0.115%
122	8.265	8.250	8.278	VV	11412	172489	1.54%	0.077%
123	8.287	8.278	8.311	VV	11071	165956	1.48%	0.074%
124	8.332	8.311	8.352	VV	14743	222704	1.99%	0.099%
125	8.392	8.352	8.418	VV	24159	537356	4.81%	0.240%
126	8.439	8.418	8.470	VV	13966	283214	2.53%	0.126%
127	8.505	8.470	8.580	VV	35768	811095	7.26%	0.362%
128	8.613	8.580	8.629	VV	46752	586472	5.25%	0.261%
129	8.640	8.629	8.660	VV	26798	296476	2.65%	0.132%
130	8.685	8.660	8.712	VV	32921	441564	3.95%	0.197%
131	8.731	8.712	8.747	VV	5632	92926	0.83%	0.041%
132	8.777	8.747	8.841	VV	14122	385016	3.44%	0.172%
133	8.856	8.841	8.872	VV	5810	77592	0.69%	0.035%
134	8.891	8.872	8.925	VV	9686	151293	1.35%	0.067%
135	8.940	8.925	8.955	VV	3746	48999	0.44%	0.022%
136	9.065	9.033	9.081	VV	3910	86314	0.77%	0.038%
137	9.101	9.081	9.125	VV	6094	110874	0.99%	0.049%
138	9.150	9.125	9.192	VV	9149	250349	2.24%	0.112%
139	9.227	9.192	9.252	VV	12583	233686	2.09%	0.104%
140	9.283	9.252	9.301	VV	3462	76542	0.68%	0.034%
141	9.312	9.301	9.320	VV	2612	27186	0.24%	0.012%

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142	9.341	9.320	9.360	VV	9569	123397	1.10%	0.055%
143	9.375	9.360	9.394	VV	5402	66970	0.60%	0.030%
144	9.415	9.394	9.441	VV	5347	92245	0.83%	0.041%
145	9.467	9.441	9.484	VV	5831	87255	0.78%	0.039%
146	9.515	9.484	9.536	VV	25424	316629	2.83%	0.141%
147	9.553	9.536	9.589	VV	8503	122468	1.10%	0.055%
148	9.605	9.589	9.630	VV	1395	27580	0.25%	0.012%
149	9.670	9.630	9.687	VV	6477	88424	0.79%	0.039%
150	9.702	9.687	9.737	VV	6018	75141	0.67%	0.034%
151	9.754	9.737	9.768	VV	1129	14254	0.13%	0.006%
152	9.808	9.768	9.834	VV	6173	109600	0.98%	0.049%
153	9.848	9.834	9.862	VV	1456	18501	0.17%	0.008%
154	9.892	9.862	9.945	VV	8587	164037	1.47%	0.073%
155	9.973	9.945	10.004	VV	7715	150161	1.34%	0.067%
156	10.022	10.004	10.031	VV	2766	36495	0.33%	0.016%
157	10.044	10.031	10.057	VV	3013	40964	0.37%	0.018%
158	10.073	10.057	10.088	VV	4577	63097	0.56%	0.028%
159	10.099	10.088	10.123	VV	3320	50968	0.46%	0.023%
160	10.170	10.123	10.198	VV	57802	649933	5.82%	0.290%
161	10.216	10.198	10.236	VV	2891	51437	0.46%	0.023%
162	10.265	10.236	10.281	VV	3059	67256	0.60%	0.030%
163	10.300	10.281	10.358	VV	17663	245927	2.20%	0.110%
164	10.370	10.358	10.392	VV	1107	20252	0.18%	0.009%
165	10.413	10.392	10.442	VV	1582	29361	0.26%	0.013%
166	10.481	10.442	10.521	VV	2212	50823	0.45%	0.023%
167	10.536	10.521	10.560	VV	514	7625	0.07%	0.003%
168	10.581	10.560	10.601	PV	1056	13038	0.12%	0.006%
169	10.613	10.601	10.617	VV	391	3025	0.03%	0.001%
170	10.646	10.617	10.670	VV	11409	140957	1.26%	0.063%
171	10.691	10.670	10.716	VV	6158	92414	0.83%	0.041%
172	10.745	10.716	10.762	VV	7001	113151	1.01%	0.050%
173	10.777	10.762	10.805	VV	6959	103534	0.93%	0.046%
174	10.822	10.805	10.867	VV	5007	92165	0.82%	0.041%
175	10.896	10.867	10.931	VV	3578	76779	0.69%	0.034%
176	10.966	10.931	11.008	VV	3075	86373	0.77%	0.039%
177	11.042	11.008	11.082	VV	15431	227311	2.03%	0.101%
178	11.114	11.082	11.215	VV	8337	197583	1.77%	0.088%
179	11.269	11.215	11.276	VV	955	22157	0.20%	0.010%
180	11.303	11.276	11.337	VV	24368	270030	2.42%	0.120%
181	11.379	11.337	11.416	VV	10557	166898	1.49%	0.074%
182	11.439	11.416	11.458	VV	5674	85640	0.77%	0.038%
183	11.470	11.458	11.537	VV	2809	77760	0.70%	0.035%
184	11.553	11.537	11.569	VV	1006	15198	0.14%	0.007%
185	11.608	11.569	11.633	VV	2654	61981	0.55%	0.028%
186	11.696	11.633	11.716	VV	2397	85332	0.76%	0.038%
187	11.748	11.716	11.807	VV	10154	167396	1.50%	0.075%
188	11.841	11.807	11.877	VV	4971	88818	0.79%	0.040%
189	11.903	11.877	11.928	VV	1372	19056	0.17%	0.008%
190	11.955	11.928	11.978	PV	1358	23943	0.21%	0.011%
191	11.998	11.978	12.015	VV	733	9638	0.09%	0.004%
192	12.075	12.015	12.123	VV	407304	4528715	40.52%	2.019%
193	12.140	12.123	12.187	VV	8264	123365	1.10%	0.055%
194	12.227	12.187	12.245	VV	5238	106226	0.95%	0.047%

rteres

195	12.260	12.245	12.273	VV	3491	41951	0.38%	0.019%
196	12.291	12.273	12.341	VV	4780	66828	0.60%	0.030%
197	12.359	12.341	12.373	PV	388	4220	0.04%	0.002%
198	12.420	12.373	12.456	VV	8014	129531	1.16%	0.058%
199	12.466	12.456	12.488	VV	602	10326	0.09%	0.005%
200	12.499	12.488	12.520	VV	898	12464	0.11%	0.006%
201	12.532	12.520	12.561	VV	694	14155	0.13%	0.006%
202	12.582	12.561	12.603	VV	2677	32437	0.29%	0.014%
203	12.614	12.603	12.626	VV	509	6058	0.05%	0.003%
204	12.665	12.626	12.744	VV	44207	579060	5.18%	0.258%
205	12.788	12.744	12.818	VV	3577	81210	0.73%	0.036%
206	12.834	12.818	12.877	VV	2110	45236	0.40%	0.020%
207	12.903	12.877	12.941	VV	2758	53331	0.48%	0.024%
208	12.982	12.941	12.990	VV	1391	22389	0.20%	0.010%
209	13.013	12.990	13.032	VV	5322	72647	0.65%	0.032%
210	13.062	13.032	13.102	VV	7408	139330	1.25%	0.062%
211	13.130	13.102	13.175	VV	34461	408349	3.65%	0.182%
212	13.187	13.175	13.201	VV	281	2904	0.03%	0.001%
213	13.224	13.201	13.241	VV	387	6132	0.05%	0.003%
214	13.287	13.241	13.302	VV	1310	33369	0.30%	0.015%
215	13.319	13.302	13.335	VV	2066	26983	0.24%	0.012%
216	13.346	13.335	13.395	VV	1409	32203	0.29%	0.014%
217	13.431	13.395	13.451	VV	30406	349043	3.12%	0.156%
218	13.465	13.451	13.476	VV	4842	55835	0.50%	0.025%
219	13.512	13.476	13.545	VV	296967	3578851	32.02%	1.596%
220	13.564	13.545	13.586	VV	1518	25837	0.23%	0.012%
221	13.603	13.586	13.619	VV	1568	20608	0.18%	0.009%
222	13.631	13.619	13.652	VV	1125	13652	0.12%	0.006%
223	13.677	13.652	13.737	PV	4096	108225	0.97%	0.048%
224	13.762	13.737	13.807	VV	2700	64280	0.58%	0.029%
225	13.827	13.807	13.841	VV	1908	28000	0.25%	0.012%
226	13.857	13.841	13.867	VV	1587	21382	0.19%	0.010%
227	13.904	13.867	13.970	VV	10409	223402	2.00%	0.100%
228	14.020	13.970	14.055	VV	9342	172565	1.54%	0.077%
229	14.092	14.055	14.103	VV	1608	37693	0.34%	0.017%
230	14.128	14.103	14.151	VV	6818	103910	0.93%	0.046%
231	14.169	14.151	14.195	VV	4302	64637	0.58%	0.029%
232	14.215	14.195	14.236	VV	2730	46045	0.41%	0.021%
233	14.264	14.236	14.284	VV	4248	76963	0.69%	0.034%
234	14.299	14.284	14.321	VV	3949	60488	0.54%	0.027%
235	14.341	14.321	14.375	VV	3343	60936	0.55%	0.027%
236	14.398	14.375	14.438	VV	1845	44750	0.40%	0.020%
237	14.498	14.438	14.529	VV	1915	63265	0.57%	0.028%
238	14.537	14.529	14.579	VV	1042	26947	0.24%	0.012%
239	14.605	14.579	14.618	VV	1087	20010	0.18%	0.009%
240	14.656	14.618	14.681	VV	2160	49987	0.45%	0.022%
241	14.726	14.681	14.749	VV	2676	85797	0.77%	0.038%
242	14.759	14.749	14.801	VV	1778	46173	0.41%	0.021%
243	14.830	14.801	14.876	VV	3557	104037	0.93%	0.046%
244	14.892	14.876	14.911	VV	2495	43661	0.39%	0.019%
245	14.937	14.911	14.979	VV	4283	104569	0.94%	0.047%
246	15.001	14.979	15.022	VV	6003	84903	0.76%	0.038%

rteres

247	15.059	15.022	15.089	VV	2387	75920	0.68%	0.034%
248	15.097	15.089	15.105	VV	1191	10793	0.10%	0.005%
249	15.149	15.105	15.169	VV	2447	64865	0.58%	0.029%
250	15.185	15.169	15.240	VV	1950	55351	0.50%	0.025%
251	15.265	15.240	15.280	VV	1829	28520	0.26%	0.013%
252	15.312	15.280	15.330	VV	18436	242249	2.17%	0.108%
253	15.352	15.330	15.395	VV	19499	293264	2.62%	0.131%
254	15.414	15.395	15.436	VV	1384	29877	0.27%	0.013%
255	15.476	15.436	15.500	VV	4755	86149	0.77%	0.038%
256	15.511	15.500	15.533	VV	1642	25063	0.22%	0.011%
257	15.551	15.533	15.585	VV	1622	29445	0.26%	0.013%
258	15.616	15.585	15.640	VV	1739	40910	0.37%	0.018%
259	15.656	15.640	15.696	VV	1723	41149	0.37%	0.018%
260	15.750	15.696	15.843	VV	19236	343884	3.08%	0.153%
261	15.896	15.843	15.928	VV	2458	72896	0.65%	0.032%
262	15.943	15.928	15.960	VV	2167	30864	0.28%	0.014%
263	15.985	15.960	16.009	VV	6417	97272	0.87%	0.043%
264	16.025	16.009	16.051	VV	2895	41769	0.37%	0.019%
265	16.071	16.051	16.100	VV	2297	39364	0.35%	0.018%
266	16.147	16.100	16.183	VV	4581	121677	1.09%	0.054%
267	16.227	16.183	16.250	VV	2298	52109	0.47%	0.023%
268	16.269	16.250	16.293	VV	1158	20108	0.18%	0.009%
269	16.311	16.293	16.356	VV	1162	22355	0.20%	0.010%
270	16.394	16.356	16.470	VV	1930	53826	0.48%	0.024%
271	16.492	16.470	16.536	PV	425	7026	0.06%	0.003%
272	16.594	16.536	16.610	PV	1318	32231	0.29%	0.014%
273	16.622	16.610	16.639	VV	1107	14882	0.13%	0.007%
274	16.659	16.639	16.671	VV	1105	14026	0.13%	0.006%
275	16.701	16.671	16.720	VV	1740	36654	0.33%	0.016%
276	16.736	16.720	16.743	VV	1522	17979	0.16%	0.008%
277	16.764	16.743	16.819	VV	3688	85213	0.76%	0.038%
278	16.874	16.819	16.935	VV	25843	491613	4.40%	0.219%
279	16.958	16.935	16.978	VV	699	11864	0.11%	0.005%
280	17.006	16.978	17.026	VV	6073	77762	0.70%	0.035%
281	17.040	17.026	17.081	VV	1830	34760	0.31%	0.015%
282	17.126	17.081	17.140	VV	1700	34966	0.31%	0.016%
283	17.195	17.140	17.223	VV	18117	328800	2.94%	0.147%
284	17.252	17.223	17.295	VV	20894	270596	2.42%	0.121%
285	17.354	17.295	17.383	VV	7000	138319	1.24%	0.062%
286	17.397	17.383	17.443	VV	2820	59074	0.53%	0.026%
287	17.499	17.443	17.546	VV	2411	83777	0.75%	0.037%
288	17.561	17.546	17.581	VV	1310	19067	0.17%	0.009%
289	17.617	17.581	17.651	VV	4579	106519	0.95%	0.047%
290	17.661	17.651	17.686	VV	2062	30076	0.27%	0.013%
291	17.712	17.686	17.734	VV	2843	47624	0.43%	0.021%
292	17.752	17.734	17.765	VV	2251	31017	0.28%	0.014%
293	17.791	17.765	17.819	VV	4359	89279	0.80%	0.040%
294	17.840	17.819	17.861	VV	1650	27007	0.24%	0.012%
295	17.916	17.861	17.992	VV	3076	103402	0.93%	0.046%
296	18.028	17.992	18.052	VV	1176	23960	0.21%	0.011%
297	18.098	18.052	18.125	VV	784	18091	0.16%	0.008%
298	18.191	18.125	18.207	PV	1830	47788	0.43%	0.021%
299	18.235	18.207	18.277	VV	4021	81685	0.73%	0.036%

rteres

300	18.324	18.277	18.339	VV	2176	46561	0.42%	0.021%
301	18.350	18.339	18.365	VV	1646	22125	0.20%	0.010%
302	18.415	18.365	18.501	VV	2466	130051	1.16%	0.058%
303	18.533	18.501	18.552	VV	5200	82891	0.74%	0.037%
304	18.592	18.552	18.605	VV	10335	174237	1.56%	0.078%
305	18.624	18.605	18.647	VV	19662	294065	2.63%	0.131%
306	18.661	18.647	18.695	VV	6920	121399	1.09%	0.054%
307	18.709	18.695	18.729	VV	1960	27795	0.25%	0.012%
308	18.759	18.729	18.775	VV	6038	94940	0.85%	0.042%
309	18.789	18.775	18.851	VV	5168	93946	0.84%	0.042%
310	18.879	18.851	18.906	PV	20242	250227	2.24%	0.112%
311	18.919	18.906	18.933	VV	1295	19382	0.17%	0.009%
312	18.963	18.933	18.980	VV	2398	45318	0.41%	0.020%
313	19.010	18.980	19.036	VV	6226	101624	0.91%	0.045%
314	19.067	19.036	19.090	VV	4069	78768	0.70%	0.035%
315	19.105	19.090	19.127	VV	1965	34072	0.30%	0.015%
316	19.191	19.127	19.215	VV	3616	105216	0.94%	0.047%
317	19.242	19.215	19.265	VV	2097	50613	0.45%	0.023%
318	19.285	19.265	19.301	VV	2375	43184	0.39%	0.019%
319	19.313	19.301	19.331	VV	2648	39191	0.35%	0.017%
320	19.356	19.331	19.371	VV	1940	41798	0.37%	0.019%
321	19.425	19.371	19.453	VV	8963	249653	2.23%	0.111%
322	19.480	19.453	19.508	VV	5831	152960	1.37%	0.068%
323	19.557	19.508	19.631	VV	4408	229069	2.05%	0.102%
324	19.639	19.631	19.647	VV	2713	25277	0.23%	0.011%
325	19.669	19.647	19.695	VV	3405	84192	0.75%	0.038%
326	19.722	19.695	19.753	VV	3306	105036	0.94%	0.047%
327	19.770	19.753	19.796	VV	2967	68783	0.62%	0.031%
328	19.853	19.796	19.877	VV	4465	148834	1.33%	0.066%
329	19.900	19.877	19.911	VV	3821	70735	0.63%	0.032%
330	19.928	19.911	19.938	VV	4033	60845	0.54%	0.027%
331	19.965	19.938	19.997	VV	5620	148694	1.33%	0.066%
332	20.037	19.997	20.066	VV	12539	278721	2.49%	0.124%
333	20.103	20.066	20.134	VV	11317	301597	2.70%	0.134%
334	20.154	20.134	20.178	VV	6856	162120	1.45%	0.072%
335	20.195	20.178	20.209	VV	6674	119010	1.06%	0.053%
336	20.227	20.209	20.259	VV	7667	192626	1.72%	0.086%
337	20.287	20.259	20.299	VV	5930	130056	1.16%	0.058%
338	20.319	20.299	20.351	VV	7382	192517	1.72%	0.086%
339	20.414	20.351	20.439	VV	15343	484138	4.33%	0.216%
340	20.482	20.439	20.521	VV	9637	398419	3.56%	0.178%
341	20.557	20.521	20.577	VV	9271	276931	2.48%	0.123%
342	20.593	20.577	20.626	VV	8200	226984	2.03%	0.101%
343	20.689	20.626	20.728	VV	8451	482144	4.31%	0.215%
344	20.762	20.728	20.811	VV	9252	402699	3.60%	0.180%
345	20.838	20.811	20.878	VV	8572	327576	2.93%	0.146%
346	20.914	20.878	20.923	VV	8269	220549	1.97%	0.098%
347	20.961	20.923	21.011	VV	8717	425028	3.80%	0.189%
348	21.118	21.011	21.165	VV	7705	679275	6.08%	0.303%
349	21.170	21.165	21.253	VV	6811	338503	3.03%	0.151%
350	21.279	21.253	21.300	VV	5956	166403	1.49%	0.074%
351	21.311	21.300	21.350	VV	5919	171219	1.53%	0.076%

rteres

352	21.374	21.350	21.426	VV	6309	249261	2.23%	0.111%
353	21.456	21.426	21.536	VV	5471	302809	2.71%	0.135%
354	21.569	21.536	21.608	VV	4108	165130	1.48%	0.074%
355	21.635	21.608	21.660	VV	4090	119407	1.07%	0.053%
356	21.682	21.660	21.712	VV	4224	118614	1.06%	0.053%
357	21.765	21.712	21.801	VV	4081	187036	1.67%	0.083%
358	21.860	21.801	21.889	VV	6283	236359	2.11%	0.105%
359	21.901	21.889	21.925	VV	3584	68904	0.62%	0.031%
360	21.934	21.925	22.008	VV	3028	115794	1.04%	0.052%
361	22.032	22.008	22.057	VV	2563	63587	0.57%	0.028%
362	22.082	22.057	22.143	VV	2651	82758	0.74%	0.037%
363	22.176	22.143	22.231	VV	2863	60683	0.54%	0.027%
364	22.265	22.231	22.297	PV	2523	49301	0.44%	0.022%
365	22.318	22.297	22.346	VV	851	15794	0.14%	0.007%
366	22.371	22.346	22.393	VV	997	16887	0.15%	0.008%

Sum of corrected areas: 224298347

Aliphatic EPH 062725.M Thu Jul 03 05:43:25 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
Data File : FE054698.D
Signal(s) : FID1B.ch
Acq On : 07 Jul 2025 10:24
Operator : YP\AJ
Sample : Q2480-05DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX5DL

Integration File: sample.E
Quant Time: Jul 08 03:30:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.080	2182748	13.441 ug/ml
Spiked Amount 50.000		Recovery = 26.88%	
12) S 1-chlorooctadecane (S...	13.516	1691526	13.394 ug/ml
Spiked Amount 50.000		Recovery = 26.79%	
Target Compounds			

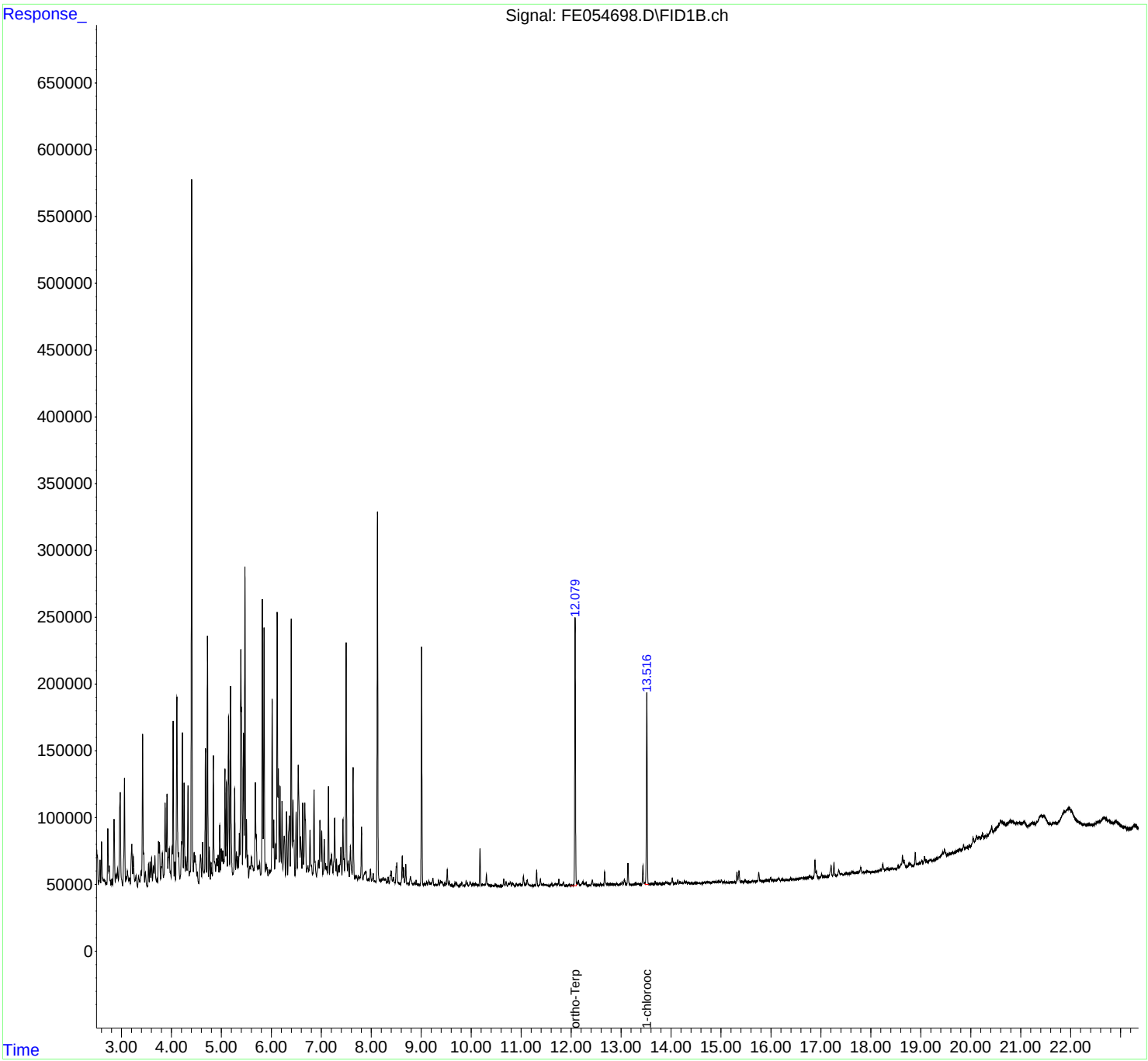
(f)=RT Delta > 1/2 Window (m)=manual int.

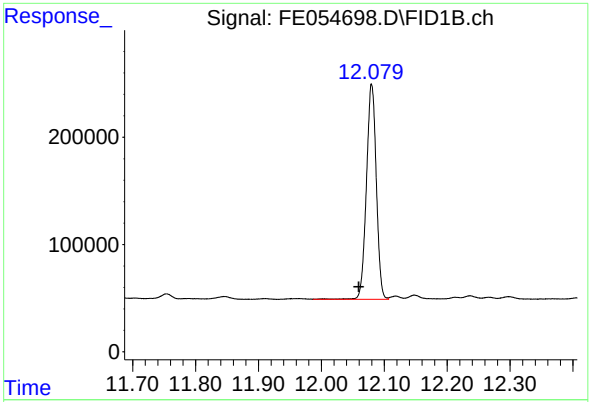
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
Data File : FE054698.D
Signal(s) : FID1B.ch
Acq On : 07 Jul 2025 10:24
Operator : YP\AJ
Sample : Q2480-05DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX5DL

Integration File: sample.E
Quant Time: Jul 08 03:30:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

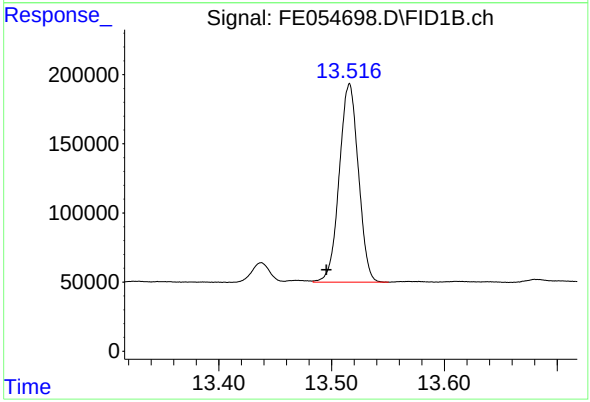




#9 ortho-Terphenyl (SURR)

R.T.: 12.080 min
Delta R.T.: 0.020 min
Response: 2182748
Conc: 13.44 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX5DL



#12 1-chlorooctadecane (SURR)

R.T.: 13.516 min
Delta R.T.: 0.020 min
Response: 1691526
Conc: 13.39 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
Data File : FE054698.D
Signal(s) : FID1B.ch
Acq On : 07 Jul 2025 10:24
Sample : Q2480-05DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.852	2.804	2.876	BV	46203	549541	10.00%	0.498%
2	2.892	2.876	2.906	PV	6137	77412	1.41%	0.070%
3	2.922	2.906	2.939	VV	10997	124615	2.27%	0.113%
4	2.973	2.939	3.021	VV	69363	1180798	21.49%	1.070%
5	3.060	3.021	3.084	PV	80752	994437	18.10%	0.901%
6	3.096	3.084	3.104	VV	7127	69859	1.27%	0.063%
7	3.118	3.104	3.147	VV	11354	193341	3.52%	0.175%
8	3.162	3.147	3.176	VV	6164	77646	1.41%	0.070%
9	3.206	3.176	3.224	VV	31698	504978	9.19%	0.457%
10	3.237	3.224	3.267	VV	22026	319768	5.82%	0.290%
11	3.290	3.267	3.320	VV	8123	142484	2.59%	0.129%
12	3.343	3.320	3.371	VV	7949	130115	2.37%	0.118%
13	3.390	3.371	3.400	VV	11532	139257	2.53%	0.126%
14	3.424	3.400	3.463	VV	113621	1452862	26.44%	1.316%
15	3.479	3.463	3.518	VV	10936	156445	2.85%	0.142%
16	3.541	3.518	3.556	PV	17093	175059	3.19%	0.159%
17	3.572	3.556	3.587	VV	18559	215114	3.92%	0.195%
18	3.603	3.587	3.621	VV	21982	259673	4.73%	0.235%
19	3.639	3.621	3.651	VV	15363	195691	3.56%	0.177%
20	3.669	3.651	3.700	VV	23297	359593	6.54%	0.326%
21	3.712	3.700	3.724	VV	6236	68434	1.25%	0.062%
22	3.742	3.724	3.752	VV	33931	353799	6.44%	0.320%
23	3.761	3.752	3.784	VV	33057	416762	7.59%	0.378%
24	3.819	3.784	3.841	VV	25308	505319	9.20%	0.458%
25	3.874	3.841	3.893	VV	62384	877339	15.97%	0.795%
26	3.912	3.893	3.929	VV	69096	846544	15.41%	0.767%
27	3.957	3.929	3.994	VV	28687	669835	12.19%	0.607%
28	4.035	3.994	4.055	VV	123785	1562982	28.45%	1.416%
29	4.067	4.055	4.084	VV	18483	213708	3.89%	0.194%
30	4.109	4.084	4.170	VV	140887	2223338	40.47%	2.014%
31	4.221	4.170	4.238	VV	115531	1624008	29.56%	1.471%
32	4.254	4.238	4.277	VV	77234	915040	16.65%	0.829%
33	4.291	4.277	4.311	VV	22416	342757	6.24%	0.310%
34	4.332	4.311	4.356	VV	75903	920784	16.76%	0.834%
35	4.405	4.356	4.438	VV	529599	5494374	100.00%	4.977%
36	4.456	4.438	4.509	VV	25451	763571	13.90%	0.692%

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37	4.520	4.509	4.548	VV	11102	151009	2.75%	0.137%
38	4.582	4.548	4.606	VV	24006	504803	9.19%	0.457%
39	4.624	4.606	4.657	VV	33269	527789	9.61%	0.478%
40	4.681	4.657	4.701	VV	103620	1168483	21.27%	1.058%
41	4.721	4.701	4.742	VV	187490	1896990	34.53%	1.718%
42	4.758	4.742	4.778	VV	29840	371895	6.77%	0.337%
43	4.794	4.778	4.818	VV	17899	276801	5.04%	0.251%
44	4.839	4.818	4.885	VV	97988	1322519	24.07%	1.198%
45	4.906	4.885	4.919	VV	20983	353265	6.43%	0.320%
46	4.934	4.919	4.950	VV	23603	344030	6.26%	0.312%
47	4.966	4.950	4.982	VV	45695	518909	9.44%	0.470%
48	4.998	4.982	5.013	VV	28343	413107	7.52%	0.374%
49	5.027	5.013	5.054	VV	26679	527293	9.60%	0.478%
50	5.071	5.054	5.086	VV	88175	958150	17.44%	0.868%
51	5.101	5.086	5.120	VV	78085	913360	16.62%	0.827%
52	5.143	5.120	5.165	VV	125554	1714107	31.20%	1.553%
53	5.183	5.165	5.229	VV	148851	1966162	35.79%	1.781%
54	5.265	5.229	5.284	VV	73447	946728	17.23%	0.858%
55	5.300	5.284	5.317	VV	25919	386884	7.04%	0.350%
56	5.330	5.317	5.341	VV	22294	269445	4.90%	0.244%
57	5.359	5.341	5.369	VV	39965	477379	8.69%	0.432%
58	5.389	5.369	5.421	VV	177095	3054153	55.59%	2.767%
59	5.442	5.421	5.456	VV	114870	1426968	25.97%	1.293%
60	5.471	5.456	5.490	VV	239004	2390874	43.51%	2.166%
61	5.501	5.490	5.519	VV	50769	577616	10.51%	0.523%
62	5.529	5.519	5.546	VV	23515	256172	4.66%	0.232%
63	5.572	5.546	5.584	VV	15198	296554	5.40%	0.269%
64	5.601	5.584	5.641	VV	22394	573597	10.44%	0.520%
65	5.679	5.641	5.730	VV	77061	1616710	29.42%	1.465%
66	5.743	5.730	5.753	VV	15902	204363	3.72%	0.185%
67	5.765	5.753	5.785	VV	18440	264148	4.81%	0.239%
68	5.819	5.785	5.837	VV	214729	2359893	42.95%	2.138%
69	5.854	5.837	5.879	VV	194685	2083658	37.92%	1.888%
70	5.896	5.879	5.934	VV	16602	425858	7.75%	0.386%
71	5.953	5.934	5.965	VV	12511	194910	3.55%	0.177%
72	5.977	5.965	5.987	VV	12052	156692	2.85%	0.142%
73	6.016	5.987	6.037	VV	139226	1746764	31.79%	1.582%
74	6.048	6.037	6.067	VV	49943	564222	10.27%	0.511%
75	6.086	6.067	6.096	VV	31818	412872	7.51%	0.374%
76	6.117	6.096	6.132	VV	205087	2324086	42.30%	2.105%
77	6.139	6.132	6.158	VV	88948	900095	16.38%	0.815%
78	6.174	6.158	6.197	VV	74970	932436	16.97%	0.845%
79	6.213	6.197	6.231	VV	63460	726906	13.23%	0.658%
80	6.257	6.231	6.283	VV	37718	796294	14.49%	0.721%
81	6.304	6.283	6.327	VV	55971	819972	14.92%	0.743%
82	6.360	6.327	6.378	VV	53223	1047788	19.07%	0.949%
83	6.398	6.378	6.418	VV	200069	2157937	39.28%	1.955%
84	6.433	6.418	6.473	VV	64972	1146942	20.87%	1.039%
85	6.496	6.473	6.517	VV	55101	785600	14.30%	0.712%
86	6.539	6.517	6.574	VV	90834	1803460	32.82%	1.634%
87	6.586	6.574	6.611	VV	37499	603910	10.99%	0.547%
88	6.628	6.611	6.645	VV	62521	711885	12.96%	0.645%
89	6.671	6.645	6.705	VV	61980	1277868	23.26%	1.158%

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90	6.732	6.705	6.749	VV	15648	343703	6.26%	0.311%
91	6.774	6.749	6.823	VV	41755	876537	15.95%	0.794%
92	6.855	6.823	6.903	VV	72178	1144309	20.83%	1.037%
93	6.943	6.903	6.955	VV	19760	439506	8.00%	0.398%
94	6.973	6.955	6.994	VV	48130	775026	14.11%	0.702%
95	7.008	6.994	7.031	VV	41839	545655	9.93%	0.494%
96	7.059	7.031	7.076	VV	35332	549344	10.00%	0.498%
97	7.085	7.076	7.098	VV	17495	201276	3.66%	0.182%
98	7.109	7.098	7.122	VV	15148	191453	3.48%	0.173%
99	7.143	7.122	7.164	VV	74869	861513	15.68%	0.780%
100	7.181	7.164	7.191	VV	19553	259980	4.73%	0.236%
101	7.206	7.191	7.233	VV	24203	454219	8.27%	0.411%
102	7.267	7.233	7.292	VV	50892	881685	16.05%	0.799%
103	7.304	7.292	7.322	VV	20441	255777	4.66%	0.232%
104	7.342	7.322	7.358	VV	15648	274595	5.00%	0.249%
105	7.391	7.358	7.413	VV	29373	600887	10.94%	0.544%
106	7.434	7.413	7.465	VV	50014	803665	14.63%	0.728%
107	7.497	7.465	7.525	VV	183093	2195772	39.96%	1.989%
108	7.539	7.525	7.561	VV	18757	311830	5.68%	0.282%
109	7.581	7.561	7.618	VV	30375	567677	10.33%	0.514%
110	7.636	7.618	7.668	VV	88589	1023393	18.63%	0.927%
111	7.685	7.668	7.698	VV	7745	123626	2.25%	0.112%
112	7.706	7.698	7.724	VV	7241	103824	1.89%	0.094%
113	7.740	7.724	7.755	VV	8084	125967	2.29%	0.114%
114	7.806	7.755	7.834	VV	44772	687515	12.51%	0.623%
115	7.893	7.834	7.920	VV	11286	441110	8.03%	0.400%
116	7.932	7.920	7.956	VV	5517	107695	1.96%	0.098%
117	7.983	7.956	8.009	VV	13214	234740	4.27%	0.213%
118	8.039	8.009	8.059	VV	9740	186816	3.40%	0.169%
119	8.070	8.059	8.094	VV	4198	79146	1.44%	0.072%
120	8.178	8.165	8.192	VV	5372	74267	1.35%	0.067%
121	8.207	8.192	8.217	VV	5236	70950	1.29%	0.064%
122	8.238	8.217	8.255	VV	6854	124665	2.27%	0.113%
123	8.269	8.255	8.281	VV	5536	80521	1.47%	0.073%
124	8.291	8.281	8.315	VV	5493	84971	1.55%	0.077%
125	8.338	8.315	8.358	VV	7214	114730	2.09%	0.104%
126	8.399	8.358	8.424	VV	11619	267136	4.86%	0.242%
127	8.445	8.424	8.476	VV	6812	141790	2.58%	0.128%
128	8.511	8.476	8.585	VV	17818	402812	7.33%	0.365%
129	8.619	8.585	8.635	VV	23040	296907	5.40%	0.269%
130	8.646	8.635	8.667	VV	14143	161258	2.93%	0.146%
131	8.690	8.667	8.721	VV	16513	217503	3.96%	0.197%
132	8.736	8.721	8.753	VV	2827	43485	0.79%	0.039%
133	8.784	8.753	8.844	VV	7295	194534	3.54%	0.176%
134	8.861	8.844	8.877	VV	2982	41451	0.75%	0.038%
135	8.897	8.877	8.931	VV	4710	76742	1.40%	0.070%
136	8.946	8.931	8.962	VV	1843	24694	0.45%	0.022%
137	9.071	9.040	9.088	VV	1891	43612	0.79%	0.040%
138	9.106	9.088	9.131	VV	2865	53720	0.98%	0.049%
139	9.152	9.131	9.178	VV	3844	76863	1.40%	0.070%
140	9.187	9.178	9.196	VV	2060	21027	0.38%	0.019%
141	9.232	9.196	9.259	VV	6211	112925	2.06%	0.102%

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142	9.287	9.259	9.308	VV	1621	36002	0.66%	0.033%
143	9.319	9.308	9.326	VV	1152	11746	0.21%	0.011%
144	9.347	9.326	9.366	VV	4779	61873	1.13%	0.056%
145	9.401	9.366	9.448	VV	3510	126725	2.31%	0.115%
146	9.473	9.448	9.490	VV	2845	42962	0.78%	0.039%
147	9.521	9.490	9.542	VV	12758	157777	2.87%	0.143%
148	9.560	9.542	9.593	VV	4206	59942	1.09%	0.054%
149	9.610	9.593	9.637	VV	736	15101	0.27%	0.014%
150	9.677	9.637	9.693	VV	3163	44454	0.81%	0.040%
151	9.708	9.693	9.744	VV	3196	39455	0.72%	0.036%
152	9.759	9.744	9.774	VV	553	7100	0.13%	0.006%
153	9.815	9.774	9.840	VV	2955	53399	0.97%	0.048%
154	9.857	9.840	9.869	VV	735	9641	0.18%	0.009%
155	9.899	9.869	9.948	VV	4230	78413	1.43%	0.071%
156	9.980	9.948	10.011	VV	3412	69135	1.26%	0.063%
157	10.027	10.011	10.037	VV	1473	18362	0.33%	0.017%
158	10.052	10.037	10.063	VV	1545	21507	0.39%	0.019%
159	10.080	10.063	10.094	VV	2350	32560	0.59%	0.029%
160	10.106	10.094	10.134	VV	1623	27531	0.50%	0.025%
161	10.176	10.134	10.203	VV	28347	310008	5.64%	0.281%
162	10.222	10.203	10.248	VV	1448	31745	0.58%	0.029%
163	10.273	10.248	10.283	VV	1628	28162	0.51%	0.026%
164	10.305	10.283	10.361	VV	8966	127962	2.33%	0.116%
165	10.374	10.361	10.400	VV	637	12568	0.23%	0.011%
166	10.418	10.400	10.454	VV	738	14778	0.27%	0.013%
167	10.488	10.454	10.530	VV	1081	25223	0.46%	0.023%
168	10.545	10.530	10.567	VV	290	4230	0.08%	0.004%
169	10.587	10.567	10.613	PV	484	7069	0.13%	0.006%
170	10.653	10.613	10.676	VV	5474	67350	1.23%	0.061%
171	10.697	10.676	10.723	VV	3069	45108	0.82%	0.041%
172	10.753	10.723	10.768	VV	2306	40101	0.73%	0.036%
173	10.784	10.768	10.810	VV	3139	47802	0.87%	0.043%
174	10.829	10.810	10.869	VV	2435	43597	0.79%	0.039%
175	10.903	10.869	10.937	VV	1624	37957	0.69%	0.034%
176	10.971	10.937	11.014	VV	1783	47280	0.86%	0.043%
177	11.047	11.014	11.090	VV	7458	113172	2.06%	0.103%
178	11.120	11.090	11.222	VV	4436	104192	1.90%	0.094%
179	11.241	11.222	11.260	VV	492	7985	0.15%	0.007%
180	11.275	11.260	11.284	VV	461	5341	0.10%	0.005%
181	11.310	11.284	11.351	VV	11820	128916	2.35%	0.117%
182	11.386	11.351	11.426	VV	5333	81070	1.48%	0.073%
183	11.444	11.426	11.464	VV	1570	24153	0.44%	0.022%
184	11.475	11.464	11.543	VV	805	27436	0.50%	0.025%
185	11.559	11.543	11.578	VV	510	7388	0.13%	0.007%
186	11.615	11.578	11.641	VV	1249	28392	0.52%	0.026%
187	11.681	11.641	11.695	VV	1546	30002	0.55%	0.027%
188	11.704	11.695	11.720	VV	1187	15134	0.28%	0.014%
189	11.754	11.720	11.777	VV	5134	73596	1.34%	0.067%
190	11.788	11.777	11.814	VV	748	13989	0.25%	0.013%
191	11.846	11.814	11.888	VV	2605	44054	0.80%	0.040%
192	11.910	11.888	11.931	VV	665	7726	0.14%	0.007%
193	11.964	11.931	11.988	PV	668	12509	0.23%	0.011%
194	12.003	11.988	12.016	VV	334	4174	0.08%	0.004%

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195	12.080	12.016	12.107	VV	200065	2178771	39.65%	1.974%
196	12.118	12.107	12.132	VV	2944	30411	0.55%	0.028%
197	12.148	12.132	12.189	VV	3855	51652	0.94%	0.047%
198	12.236	12.189	12.254	VV	3201	60663	1.10%	0.055%
199	12.266	12.254	12.280	VV	1773	20047	0.36%	0.018%
200	12.298	12.280	12.336	VV	2307	32437	0.59%	0.029%
201	12.369	12.336	12.383	PV	325	4378	0.08%	0.004%
202	12.425	12.383	12.468	VV	4193	68688	1.25%	0.062%
203	12.474	12.468	12.494	VV	448	5401	0.10%	0.005%
204	12.509	12.494	12.569	VV	413	12570	0.23%	0.011%
205	12.588	12.569	12.611	VV	1322	15105	0.27%	0.014%
206	12.622	12.611	12.631	VV	269	2779	0.05%	0.003%
207	12.671	12.631	12.750	VV	10194	155584	2.83%	0.141%
208	12.766	12.750	12.778	VV	813	10795	0.20%	0.010%
209	12.792	12.778	12.828	VV	1071	20624	0.38%	0.019%
210	12.841	12.828	12.881	VV	973	21324	0.39%	0.019%
211	12.911	12.881	12.949	VV	1257	26675	0.49%	0.024%
212	12.986	12.949	12.997	VV	783	12210	0.22%	0.011%
213	13.020	12.997	13.039	VV	2681	36944	0.67%	0.033%
214	13.066	13.039	13.110	VV	3735	70715	1.29%	0.064%
215	13.138	13.110	13.179	VV	16375	195699	3.56%	0.177%
216	13.188	13.179	13.222	VV	259	4000	0.07%	0.004%
217	13.294	13.222	13.308	VV	1226	19715	0.36%	0.018%
218	13.327	13.308	13.407	VV	937	30043	0.55%	0.027%
219	13.438	13.407	13.459	VV	14377	162367	2.96%	0.147%
220	13.469	13.459	13.481	VV	1555	17577	0.32%	0.016%
221	13.516	13.481	13.551	VV	143051	1703652	31.01%	1.543%
222	13.568	13.551	13.594	VV	725	13079	0.24%	0.012%
223	13.612	13.594	13.657	VV	750	15946	0.29%	0.014%
224	13.682	13.657	13.751	PV	2133	48561	0.88%	0.044%
225	13.769	13.751	13.811	VV	960	17663	0.32%	0.016%
226	13.835	13.811	13.847	VV	799	9870	0.18%	0.009%
227	13.860	13.847	13.874	VV	721	9641	0.18%	0.009%
228	13.899	13.874	13.973	VV	1652	57422	1.05%	0.052%
229	14.026	13.973	14.057	VV	4141	71942	1.31%	0.065%
230	14.096	14.057	14.110	VV	773	16343	0.30%	0.015%
231	14.135	14.110	14.158	VV	3132	45042	0.82%	0.041%
232	14.177	14.158	14.201	VV	1842	26720	0.49%	0.024%
233	14.220	14.201	14.244	VV	1384	19226	0.35%	0.017%
234	14.268	14.244	14.289	VV	2154	33602	0.61%	0.030%
235	14.307	14.289	14.326	VV	1678	24635	0.45%	0.022%
236	14.348	14.326	14.376	VV	1422	22934	0.42%	0.021%
237	14.402	14.376	14.442	VV	761	15812	0.29%	0.014%
238	14.455	14.442	14.464	VV	206	2253	0.04%	0.002%
239	14.505	14.464	14.551	VV	748	23403	0.43%	0.021%
240	14.626	14.551	14.641	VV	381	13317	0.24%	0.012%
241	14.662	14.641	14.682	VV	754	12311	0.22%	0.011%
242	14.735	14.682	14.760	VV	1111	33814	0.62%	0.031%
243	14.767	14.760	14.778	VV	686	6678	0.12%	0.006%
244	14.786	14.778	14.811	VV	532	8257	0.15%	0.007%
245	14.834	14.811	14.854	VV	1488	23552	0.43%	0.021%
246	14.868	14.854	14.881	VV	1035	13109	0.24%	0.012%

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247	14.896	14.881	14.920	VV	1223	18522	0.34%	0.017%
248	14.947	14.920	14.986	VV	1602	38155	0.69%	0.035%
249	15.009	14.986	15.029	VV	2494	34165	0.62%	0.031%
250	15.065	15.029	15.103	VV	741	22821	0.42%	0.021%
251	15.134	15.103	15.143	VV	416	8194	0.15%	0.007%
252	15.153	15.143	15.174	VV	453	6819	0.12%	0.006%
253	15.193	15.174	15.246	VV	703	16039	0.29%	0.015%
254	15.274	15.246	15.294	PV	619	8187	0.15%	0.007%
255	15.319	15.294	15.337	VV	7850	97425	1.77%	0.088%
256	15.361	15.337	15.396	VV	8847	131848	2.40%	0.119%
257	15.419	15.396	15.441	VV	1160	17158	0.31%	0.016%
258	15.451	15.441	15.458	VV	296	2795	0.05%	0.003%
259	15.484	15.458	15.541	VV	1928	36115	0.66%	0.033%
260	15.561	15.541	15.591	VV	447	6496	0.12%	0.006%
261	15.622	15.591	15.648	PV	723	12040	0.22%	0.011%
262	15.677	15.648	15.708	VV	525	13228	0.24%	0.012%
263	15.756	15.708	15.848	VV	6955	122973	2.24%	0.111%
264	15.862	15.848	15.871	PV	214	1627	0.03%	0.001%
265	15.898	15.871	15.938	VV	1176	29021	0.53%	0.026%
266	15.951	15.938	15.965	VV	890	11801	0.21%	0.011%
267	15.994	15.965	16.017	VV	2709	41348	0.75%	0.037%
268	16.032	16.017	16.058	VV	1187	13849	0.25%	0.013%
269	16.080	16.058	16.095	VV	928	10518	0.19%	0.010%
270	16.155	16.095	16.189	VV	1855	47031	0.86%	0.043%
271	16.234	16.189	16.256	VV	1001	17921	0.33%	0.016%
272	16.276	16.256	16.300	VV	377	5826	0.11%	0.005%
273	16.319	16.300	16.340	VV	524	5229	0.10%	0.005%
274	16.357	16.340	16.374	VV	205	2152	0.04%	0.002%
275	16.399	16.374	16.448	PV	1300	27268	0.50%	0.025%
276	16.463	16.448	16.483	VV	407	6016	0.11%	0.005%
277	16.603	16.483	16.624	VV	910	35317	0.64%	0.032%
278	16.630	16.624	16.651	VV	751	9232	0.17%	0.008%
279	16.669	16.651	16.681	VV	690	10045	0.18%	0.009%
280	16.710	16.681	16.728	VV	994	22434	0.41%	0.020%
281	16.771	16.728	16.792	VV	1841	40691	0.74%	0.037%
282	16.801	16.792	16.830	VV	994	15519	0.28%	0.014%
283	16.881	16.830	16.901	VV	13561	194811	3.55%	0.176%
284	16.910	16.901	16.944	VV	4940	57902	1.05%	0.052%
285	16.959	16.944	16.983	VV	460	6188	0.11%	0.006%
286	17.014	16.983	17.034	PV	2821	35749	0.65%	0.032%
287	17.049	17.034	17.088	VV	751	14518	0.26%	0.013%
288	17.134	17.088	17.144	VV	540	9169	0.17%	0.008%
289	17.205	17.144	17.231	VV	8066	150894	2.75%	0.137%
290	17.262	17.231	17.304	VV	10111	128192	2.33%	0.116%
291	17.357	17.304	17.388	VV	4015	84012	1.53%	0.076%
292	17.401	17.388	17.421	VV	1338	23563	0.43%	0.021%
293	17.426	17.421	17.448	VV	967	12060	0.22%	0.011%
294	17.509	17.448	17.551	VV	1451	54477	0.99%	0.049%
295	17.566	17.551	17.582	VV	890	13619	0.25%	0.012%
296	17.625	17.582	17.656	VV	2357	63306	1.15%	0.057%
297	17.667	17.656	17.692	VV	1210	22610	0.41%	0.020%
298	17.722	17.692	17.740	VV	1435	31093	0.57%	0.028%
299	17.799	17.740	17.828	VV	4655	108897	1.98%	0.099%

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300	17.848	17.828	17.868	VV	1044	17755	0.32%	0.016%
301	17.884	17.868	17.903	VV	909	16285	0.30%	0.015%
302	17.924	17.903	17.954	VV	1686	31894	0.58%	0.029%
303	17.968	17.954	18.001	VV	633	10099	0.18%	0.009%
304	18.039	18.001	18.059	VV	500	9153	0.17%	0.008%
305	18.105	18.059	18.118	PV	361	7116	0.13%	0.006%
306	18.195	18.118	18.203	VV	1160	27678	0.50%	0.025%
307	18.239	18.203	18.280	VV	5108	98889	1.80%	0.090%
308	18.329	18.280	18.354	VV	1851	43431	0.79%	0.039%
309	18.360	18.354	18.380	VV	840	8985	0.16%	0.008%
310	18.429	18.380	18.458	VV	897	31427	0.57%	0.028%
311	18.480	18.458	18.498	VV	442	7111	0.13%	0.006%
312	18.543	18.498	18.560	PV	2254	28468	0.52%	0.026%
313	18.602	18.560	18.611	VV	3104	52167	0.95%	0.047%
314	18.633	18.611	18.650	VV	9378	133808	2.44%	0.121%
315	18.665	18.650	18.704	VV	5555	95723	1.74%	0.087%
316	18.721	18.704	18.736	VV	724	9736	0.18%	0.009%
317	18.767	18.736	18.784	VV	2734	43692	0.80%	0.040%
318	18.798	18.784	18.822	VV	1964	30315	0.55%	0.027%
319	18.830	18.822	18.858	VV	579	6456	0.12%	0.006%
320	18.888	18.858	18.914	PV	9732	125610	2.29%	0.114%
321	18.928	18.914	18.944	VV	987	15774	0.29%	0.014%
322	18.972	18.944	18.991	VV	1307	25815	0.47%	0.023%
323	19.020	18.991	19.041	VV	3147	49249	0.90%	0.045%
324	19.075	19.041	19.101	VV	5258	95746	1.74%	0.087%
325	19.115	19.101	19.138	VV	1294	23249	0.42%	0.021%
326	19.198	19.138	19.223	VV	1647	55006	1.00%	0.050%
327	19.254	19.223	19.263	VV	868	18047	0.33%	0.016%
328	19.295	19.263	19.304	VV	1278	26000	0.47%	0.024%
329	19.325	19.304	19.338	VV	1745	31149	0.57%	0.028%
330	19.436	19.338	19.451	VV	5447	205737	3.74%	0.186%
331	19.529	19.519	19.535	VV	2540	23387	0.43%	0.021%
332	19.644	19.583	19.661	VV	3473	140145	2.55%	0.127%
333	19.778	19.661	19.814	VV	4498	341902	6.22%	0.310%
334	19.857	19.814	19.878	VV	6827	189790	3.45%	0.172%
335	19.930	19.917	19.944	VV	4763	75913	1.38%	0.069%
336	19.972	19.944	19.991	VV	5731	141224	2.57%	0.128%
337	20.045	19.991	20.073	VV	10885	376993	6.86%	0.342%
338	20.114	20.073	20.136	VV	11554	366245	6.67%	0.332%
339	20.175	20.136	20.192	VV	10512	345009	6.28%	0.313%
340	20.290	20.268	20.304	VV	9966	208609	3.80%	0.189%
341	20.327	20.304	20.341	VV	10634	229183	4.17%	0.208%
342	20.599	20.444	20.697	VV	19403	2382498	43.36%	2.158%

Sum of corrected areas: 110391554

Aliphatic EPH 062725.M Tue Jul 08 05:45:33 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054677.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 20:23
Operator : YP\AJ
Sample : Q2480-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX6

Integration File: autoint1.e
Quant Time: Jul 03 05:11:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.076	5216494	32.122 ug/ml
Spiked Amount 50.000		Recovery =	64.24%
12) S 1-chlorooctadecane (S...	13.512	4042898	32.012 ug/ml
Spiked Amount 50.000		Recovery =	64.02%
Target Compounds			

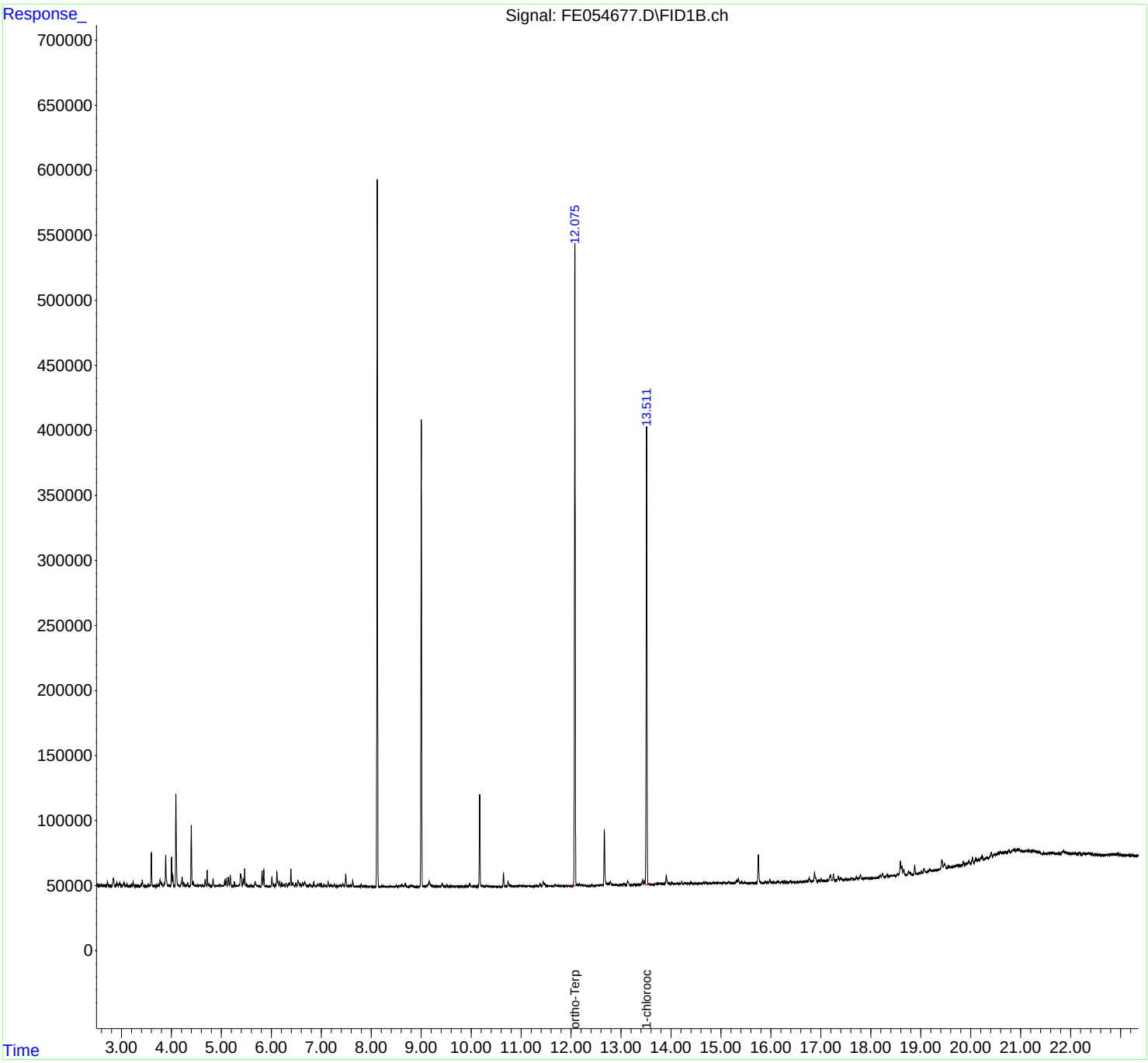
(f)=RT Delta > 1/2 Window (m)=manual int.

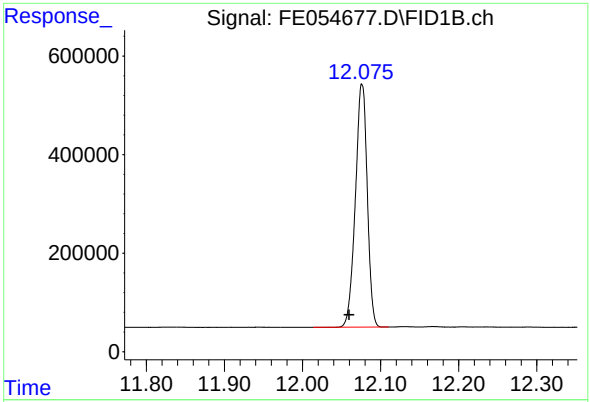
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054677.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 20:23
Operator : YP\AJ
Sample : Q2480-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX6

Integration File: autoint1.e
Quant Time: Jul 03 05:11:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

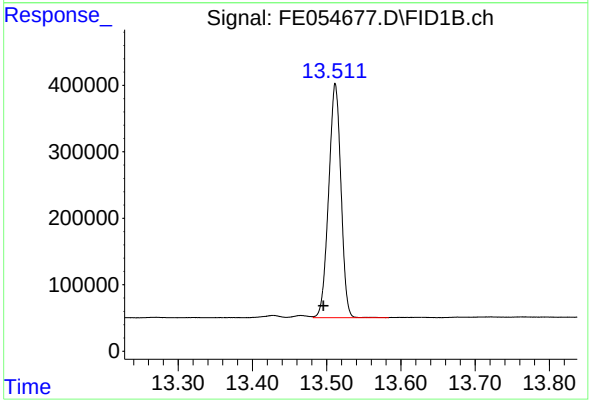




#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.016 min
Response: 5216494
Conc: 32.12 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX6



#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.016 min
Response: 4042898
Conc: 32.01 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054677.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 20:23
Sample : Q2480-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.841	2.804	2.869	BV	6510	91851	1.75%	0.293%
2	2.908	2.869	2.936	VV	2555	37010	0.71%	0.118%
3	2.966	2.936	3.013	VV	2474	47791	0.91%	0.152%
4	3.053	3.013	3.076	VV	2818	40717	0.78%	0.130%
5	3.109	3.076	3.141	VV	1648	20927	0.40%	0.067%
6	3.154	3.141	3.174	VV	244	2265	0.04%	0.007%
7	3.200	3.174	3.215	PV	1128	16348	0.31%	0.052%
8	3.234	3.215	3.261	VV	3729	42704	0.82%	0.136%
9	3.287	3.261	3.317	VV	690	15262	0.29%	0.049%
10	3.334	3.317	3.361	VV	368	6939	0.13%	0.022%
11	3.417	3.361	3.455	VV	5200	79774	1.52%	0.254%
12	3.469	3.455	3.511	VV	421	6480	0.12%	0.021%
13	3.533	3.511	3.550	PV	1439	16350	0.31%	0.052%
14	3.565	3.550	3.576	VV	880	9995	0.19%	0.032%
15	3.598	3.576	3.644	VV	25840	248567	4.75%	0.792%
16	3.663	3.644	3.686	VV	911	13186	0.25%	0.042%
17	3.702	3.686	3.717	VV	756	8362	0.16%	0.027%
18	3.736	3.717	3.746	VV	1346	15338	0.29%	0.049%
19	3.772	3.746	3.798	VV	5140	78225	1.49%	0.249%
20	3.807	3.798	3.834	VV	2304	30329	0.58%	0.097%
21	3.886	3.834	3.924	VV	24391	307645	5.87%	0.980%
22	3.949	3.924	3.980	VV	1014	20978	0.40%	0.067%
23	4.003	3.980	4.018	VV	22353	214435	4.09%	0.683%
24	4.028	4.018	4.050	VV	9045	85339	1.63%	0.272%
25	4.061	4.050	4.067	VV	758	5966	0.11%	0.019%
26	4.091	4.067	4.160	VV	70316	755048	14.42%	2.406%
27	4.214	4.160	4.232	VV	7454	104659	2.00%	0.333%
28	4.248	4.232	4.272	VV	3016	37535	0.72%	0.120%
29	4.285	4.272	4.305	VV	870	13629	0.26%	0.043%
30	4.325	4.305	4.351	VV	3061	36725	0.70%	0.117%
31	4.398	4.351	4.421	VV	47176	467878	8.93%	1.491%
32	4.434	4.421	4.463	VV	4140	53584	1.02%	0.171%
33	4.471	4.463	4.504	VV	984	17222	0.33%	0.055%
34	4.532	4.504	4.547	VV	1598	20238	0.39%	0.064%
35	4.577	4.547	4.601	VV	1165	26190	0.50%	0.083%
36	4.618	4.601	4.650	VV	1682	22747	0.43%	0.072%

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37	4.675	4.650	4.695	VV	5486	61993	1.18%	0.198%
38	4.716	4.695	4.736	VV	12138	122450	2.34%	0.390%
39	4.752	4.736	4.773	VV	1901	23941	0.46%	0.076%
40	4.788	4.773	4.814	VV	918	12113	0.23%	0.039%
41	4.834	4.814	4.881	VV	5982	71836	1.37%	0.229%
42	4.902	4.881	4.915	VV	977	13940	0.27%	0.044%
43	4.928	4.915	4.943	VV	948	12151	0.23%	0.039%
44	4.960	4.943	4.976	VV	1863	20522	0.39%	0.065%
45	4.991	4.976	5.011	VV	1045	16140	0.31%	0.051%
46	5.021	5.011	5.033	VV	935	10327	0.20%	0.033%
47	5.065	5.033	5.080	VV	4912	56946	1.09%	0.181%
48	5.095	5.080	5.115	VV	6584	68880	1.32%	0.219%
49	5.137	5.115	5.159	VV	7275	92300	1.76%	0.294%
50	5.177	5.159	5.223	VV	9087	107371	2.05%	0.342%
51	5.260	5.223	5.279	VV	4125	45214	0.86%	0.144%
52	5.295	5.279	5.311	VV	1034	14509	0.28%	0.046%
53	5.325	5.311	5.336	VV	935	10875	0.21%	0.035%
54	5.352	5.336	5.363	VV	1537	17904	0.34%	0.057%
55	5.383	5.363	5.416	VV	10132	169140	3.23%	0.539%
56	5.437	5.416	5.450	VV	6058	69040	1.32%	0.220%
57	5.466	5.450	5.484	VV	13796	134658	2.57%	0.429%
58	5.496	5.484	5.514	VV	1928	21709	0.41%	0.069%
59	5.523	5.514	5.541	VV	1057	9043	0.17%	0.029%
60	5.563	5.541	5.577	PV	702	9970	0.19%	0.032%
61	5.595	5.577	5.609	VV	870	12279	0.23%	0.039%
62	5.621	5.609	5.645	VV	813	11776	0.22%	0.038%
63	5.674	5.645	5.725	VV	4171	70889	1.35%	0.226%
64	5.738	5.725	5.746	VV	518	5423	0.10%	0.017%
65	5.760	5.746	5.780	VV	707	7979	0.15%	0.025%
66	5.814	5.780	5.831	VV	12434	127804	2.44%	0.407%
67	5.848	5.831	5.962	VV	13042	158906	3.03%	0.506%
68	6.010	5.962	6.031	VV	7320	88795	1.70%	0.283%
69	6.042	6.031	6.061	VV	2372	25307	0.48%	0.081%
70	6.081	6.061	6.091	VV	1585	18223	0.35%	0.058%
71	6.111	6.091	6.152	VV	11292	166963	3.19%	0.532%
72	6.168	6.152	6.190	VV	4205	46894	0.90%	0.149%
73	6.208	6.190	6.225	VV	3375	36029	0.69%	0.115%
74	6.251	6.225	6.277	VV	1738	36167	0.69%	0.115%
75	6.298	6.277	6.321	VV	2764	36853	0.70%	0.117%
76	6.356	6.321	6.372	VV	3151	57238	1.09%	0.182%
77	6.391	6.372	6.412	VV	13693	141324	2.70%	0.450%
78	6.428	6.412	6.468	VV	3321	55546	1.06%	0.177%
79	6.491	6.468	6.512	VV	2752	38042	0.73%	0.121%
80	6.533	6.512	6.569	VV	4827	95845	1.83%	0.305%
81	6.581	6.569	6.606	VV	2038	32326	0.62%	0.103%
82	6.623	6.606	6.640	VV	3231	36910	0.70%	0.118%
83	6.664	6.640	6.702	VV	3563	75217	1.44%	0.240%
84	6.712	6.702	6.718	VV	761	6875	0.13%	0.022%
85	6.728	6.718	6.747	VV	778	12517	0.24%	0.040%
86	6.768	6.747	6.824	VV	2246	47336	0.90%	0.151%
87	6.849	6.824	6.898	VV	3690	53952	1.03%	0.172%
88	6.928	6.898	6.950	VV	2292	34647	0.66%	0.110%
89	6.968	6.950	6.991	VV	2401	37564	0.72%	0.120%

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90	7.002	6.991	7.025	VV	1949	22390	0.43%	0.071%
91	7.054	7.025	7.091	VV	1681	31650	0.60%	0.101%
92	7.102	7.091	7.116	VV	623	8130	0.16%	0.026%
93	7.137	7.116	7.158	VV	3800	41274	0.79%	0.132%
94	7.177	7.158	7.189	VV	1134	15085	0.29%	0.048%
95	7.201	7.189	7.228	VV	1090	18754	0.36%	0.060%
96	7.261	7.228	7.288	VV	2509	39675	0.76%	0.126%
97	7.300	7.288	7.316	VV	982	10774	0.21%	0.034%
98	7.335	7.316	7.350	VV	640	9832	0.19%	0.031%
99	7.387	7.350	7.407	VV	1422	28247	0.54%	0.090%
100	7.428	7.407	7.460	VV	2495	39071	0.75%	0.124%
101	7.490	7.460	7.519	VV	10119	118908	2.27%	0.379%
102	7.535	7.519	7.556	VV	1121	16855	0.32%	0.054%
103	7.575	7.556	7.611	VV	1534	27129	0.52%	0.086%
104	7.630	7.611	7.664	VV	5022	55582	1.06%	0.177%
105	7.698	7.664	7.721	VV	376	10505	0.20%	0.033%
106	7.735	7.721	7.751	VV	354	4729	0.09%	0.015%
107	7.800	7.751	7.834	VV	2218	30700	0.59%	0.098%
108	7.880	7.834	7.917	VV	554	17586	0.34%	0.056%
109	7.927	7.917	7.958	VV	266	3036	0.06%	0.010%
110	7.978	7.958	8.007	VV	562	7503	0.14%	0.024%
111	8.033	8.007	8.075	VV	346	6449	0.12%	0.021%
112	8.170	8.164	8.188	VV	273	2559	0.05%	0.008%
113	8.230	8.188	8.251	VV	675	15751	0.30%	0.050%
114	8.261	8.251	8.276	VV	555	6269	0.12%	0.020%
115	8.289	8.276	8.312	VV	612	6728	0.13%	0.021%
116	8.336	8.312	8.361	VV	410	5687	0.11%	0.018%
117	8.392	8.361	8.424	VV	644	14654	0.28%	0.047%
118	8.440	8.424	8.473	VV	420	6128	0.12%	0.020%
119	8.505	8.473	8.541	PV	984	19269	0.37%	0.061%
120	8.612	8.541	8.630	VV	1700	40940	0.78%	0.130%
121	8.640	8.630	8.654	VV	886	9688	0.18%	0.031%
122	8.684	8.654	8.747	VV	2319	46052	0.88%	0.147%
123	8.801	8.747	8.874	VV	1461	36322	0.69%	0.116%
124	8.892	8.874	8.908	VV	299	4240	0.08%	0.014%
125	8.919	8.908	8.928	VV	194	1640	0.03%	0.005%
126	8.941	8.928	8.957	VV	137	1915	0.04%	0.006%
127	9.056	9.038	9.084	VV	560	13281	0.25%	0.042%
128	9.160	9.084	9.214	VV	4342	126122	2.41%	0.402%
129	9.225	9.214	9.277	VV	957	20982	0.40%	0.067%
130	9.298	9.277	9.309	VV	646	9635	0.18%	0.031%
131	9.314	9.309	9.328	VV	532	5213	0.10%	0.017%
132	9.339	9.328	9.364	VV	389	7034	0.13%	0.022%
133	9.379	9.364	9.387	VV	426	5132	0.10%	0.016%
134	9.418	9.387	9.457	VV	2230	44384	0.85%	0.141%
135	9.466	9.457	9.488	VV	417	5379	0.10%	0.017%
136	9.515	9.488	9.546	VV	1283	20666	0.39%	0.066%
137	9.554	9.546	9.588	VV	507	7236	0.14%	0.023%
138	9.608	9.588	9.640	VV	221	4503	0.09%	0.014%
139	9.667	9.640	9.684	VV	339	5679	0.11%	0.018%
140	9.705	9.684	9.738	VV	470	8413	0.16%	0.027%
141	9.756	9.738	9.787	VV	232	3103	0.06%	0.010%

rteres

142	9.807	9.787	9.833	VV	240	3305	0.06%	0.011%
143	9.849	9.833	9.864	PV	262	2951	0.06%	0.009%
144	9.894	9.864	9.931	VV	535	13731	0.26%	0.044%
145	9.972	9.931	10.018	VV	1774	38462	0.73%	0.123%
146	10.035	10.018	10.061	VV	456	9597	0.18%	0.031%
147	10.073	10.061	10.118	VV	365	8534	0.16%	0.027%
148	10.171	10.118	10.280	VV	71275	743928	14.20%	2.370%
149	10.300	10.280	10.318	VV	959	12688	0.24%	0.040%
150	10.326	10.318	10.362	VV	584	8183	0.16%	0.026%
151	10.406	10.362	10.431	VV	228	5294	0.10%	0.017%
152	10.464	10.431	10.494	VV	190	5391	0.10%	0.017%
153	10.503	10.494	10.519	VV	144	1002	0.02%	0.003%
154	10.527	10.519	10.534	PV	35	293	0.01%	0.001%
155	10.543	10.534	10.577	VV	90	1001	0.02%	0.003%
156	10.587	10.577	10.615	VV	75	1014	0.02%	0.003%
157	10.647	10.615	10.675	PV	10175	108409	2.07%	0.345%
158	10.692	10.675	10.704	VV	419	5465	0.10%	0.017%
159	10.740	10.704	10.810	VV	4230	80821	1.54%	0.258%
160	10.825	10.810	10.877	VV	476	13592	0.26%	0.043%
161	10.888	10.877	10.898	VV	393	3642	0.07%	0.012%
162	10.904	10.898	10.918	VV	349	3467	0.07%	0.011%
163	10.967	10.918	10.984	VV	573	17026	0.33%	0.054%
164	10.995	10.984	11.012	VV	607	7161	0.14%	0.023%
165	11.041	11.012	11.082	VV	911	17647	0.34%	0.056%
166	11.115	11.082	11.127	VV	515	9417	0.18%	0.030%
167	11.145	11.127	11.171	VV	675	11626	0.22%	0.037%
168	11.184	11.171	11.213	VV	305	4889	0.09%	0.016%
169	11.267	11.213	11.278	VV	151	4827	0.09%	0.015%
170	11.303	11.278	11.336	VV	1380	17082	0.33%	0.054%
171	11.378	11.336	11.402	VV	2689	34999	0.67%	0.112%
172	11.440	11.402	11.458	VV	4211	60529	1.16%	0.193%
173	11.471	11.458	11.544	VV	2120	40133	0.77%	0.128%
174	11.559	11.544	11.572	VV	254	3423	0.07%	0.011%
175	11.591	11.572	11.641	VV	316	7704	0.15%	0.025%
176	11.679	11.641	11.704	VV	1594	23413	0.45%	0.075%
177	11.748	11.704	11.791	VV	766	19925	0.38%	0.063%
178	11.829	11.791	11.871	VV	487	12423	0.24%	0.040%
179	11.910	11.871	11.928	PV	226	3899	0.07%	0.012%
180	11.944	11.928	12.006	VV	370	7518	0.14%	0.024%
181	12.076	12.006	12.111	VV	498599	5237224	100.00%	16.687%
182	12.131	12.111	12.150	VV	1419	23450	0.45%	0.075%
183	12.167	12.150	12.190	VV	1566	23985	0.46%	0.076%
184	12.205	12.190	12.219	VV	1017	12532	0.24%	0.040%
185	12.234	12.219	12.274	VV	822	17661	0.34%	0.056%
186	12.289	12.274	12.315	VV	547	8000	0.15%	0.025%
187	12.357	12.315	12.371	PV	144	2593	0.05%	0.008%
188	12.416	12.371	12.449	VV	728	14661	0.28%	0.047%
189	12.470	12.449	12.482	VV	297	3707	0.07%	0.012%
190	12.536	12.482	12.564	VV	633	18718	0.36%	0.060%
191	12.581	12.564	12.624	VV	556	16324	0.31%	0.052%
192	12.666	12.624	12.740	VV	43354	562683	10.74%	1.793%
193	12.756	12.740	12.768	VV	1507	21265	0.41%	0.068%
194	12.787	12.768	12.837	VV	3402	62799	1.20%	0.200%

rteres

195	12.851	12.837	12.888	VV	650	17371	0.33%	0.055%
196	12.902	12.888	12.938	VV	707	14489	0.28%	0.046%
197	12.958	12.938	12.974	VV	408	7538	0.14%	0.024%
198	13.005	12.974	13.030	VV	817	17283	0.33%	0.055%
199	13.060	13.030	13.106	VV	1372	28926	0.55%	0.092%
200	13.130	13.106	13.202	VV	3117	70838	1.35%	0.226%
201	13.211	13.202	13.218	VV	147	1333	0.03%	0.004%
202	13.236	13.218	13.247	VV	289	3429	0.07%	0.011%
203	13.269	13.247	13.303	VV	785	14451	0.28%	0.046%
204	13.321	13.303	13.343	VV	493	7448	0.14%	0.024%
205	13.372	13.343	13.390	VV	365	8314	0.16%	0.026%
206	13.428	13.390	13.446	VV	3569	55040	1.05%	0.175%
207	13.465	13.446	13.480	VV	3483	44900	0.86%	0.143%
208	13.512	13.480	13.546	VV	351937	4047650	77.29%	12.897%
209	13.563	13.546	13.583	VV	533	9343	0.18%	0.030%
210	13.625	13.583	13.654	VV	544	15213	0.29%	0.048%
211	13.678	13.654	13.692	VV	830	12899	0.25%	0.041%
212	13.720	13.692	13.744	VV	1104	27818	0.53%	0.089%
213	13.764	13.744	13.784	VV	1070	21478	0.41%	0.068%
214	13.795	13.784	13.811	VV	837	12584	0.24%	0.040%
215	13.827	13.811	13.841	VV	721	11797	0.23%	0.038%
216	13.854	13.841	13.865	VV	733	9063	0.17%	0.029%
217	13.905	13.865	13.983	VV	6975	144881	2.77%	0.462%
218	14.018	13.983	14.048	VV	1989	43767	0.84%	0.139%
219	14.062	14.048	14.071	VV	716	8877	0.17%	0.028%
220	14.085	14.071	14.098	VV	636	9551	0.18%	0.030%
221	14.126	14.098	14.148	VV	1014	22039	0.42%	0.070%
222	14.170	14.148	14.188	VV	914	16191	0.31%	0.052%
223	14.215	14.188	14.238	VV	2149	33209	0.63%	0.106%
224	14.263	14.238	14.283	VV	1118	22884	0.44%	0.073%
225	14.295	14.283	14.317	VV	993	16612	0.32%	0.053%
226	14.337	14.317	14.367	VV	779	19882	0.38%	0.063%
227	14.395	14.367	14.430	VV	1306	28848	0.55%	0.092%
228	14.494	14.430	14.544	VV	703	36248	0.69%	0.115%
229	14.575	14.544	14.588	VV	481	11890	0.23%	0.038%
230	14.604	14.588	14.614	VV	504	7281	0.14%	0.023%
231	14.654	14.614	14.678	VV	1609	32001	0.61%	0.102%
232	14.703	14.678	14.740	VV	1323	29143	0.56%	0.093%
233	14.760	14.740	14.772	VV	722	12307	0.23%	0.039%
234	14.780	14.772	14.801	VV	710	9728	0.19%	0.031%
235	14.844	14.801	14.877	VV	1031	33532	0.64%	0.107%
236	14.897	14.877	14.919	VV	742	15811	0.30%	0.050%
237	14.953	14.919	14.977	VV	1101	28494	0.54%	0.091%
238	15.002	14.977	15.022	VV	1032	17455	0.33%	0.056%
239	15.055	15.022	15.097	VV	1032	25012	0.48%	0.080%
240	15.149	15.097	15.194	VV	1677	39644	0.76%	0.126%
241	15.210	15.194	15.242	VV	622	12125	0.23%	0.039%
242	15.266	15.242	15.284	VV	709	10683	0.20%	0.034%
243	15.311	15.284	15.326	VV	2610	35542	0.68%	0.113%
244	15.350	15.326	15.391	VV	3467	63915	1.22%	0.204%
245	15.415	15.391	15.450	VV	1178	18986	0.36%	0.060%
246	15.476	15.450	15.528	VV	937	18976	0.36%	0.060%

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247	15.556	15.528	15.585	VV	288	4712	0.09%	0.015%
248	15.628	15.585	15.638	PV	313	6477	0.12%	0.021%
249	15.647	15.638	15.703	VV	264	6729	0.13%	0.021%
250	15.748	15.703	15.836	VV	21787	316268	6.04%	1.008%
251	15.852	15.836	15.867	VV	264	3281	0.06%	0.010%
252	15.892	15.867	15.927	VV	1120	18990	0.36%	0.061%
253	15.978	15.927	16.006	VV	2034	40253	0.77%	0.128%
254	16.024	16.006	16.058	VV	457	7806	0.15%	0.025%
255	16.069	16.058	16.084	VV	155	1809	0.03%	0.006%
256	16.148	16.084	16.184	PV	846	23137	0.44%	0.074%
257	16.226	16.184	16.248	VV	878	16824	0.32%	0.054%
258	16.268	16.248	16.293	VV	747	11986	0.23%	0.038%
259	16.309	16.293	16.325	VV	365	5006	0.10%	0.016%
260	16.333	16.325	16.365	VV	190	3424	0.07%	0.011%
261	16.394	16.365	16.441	VV	1234	21390	0.41%	0.068%
262	16.455	16.441	16.492	VV	348	4776	0.09%	0.015%
263	16.505	16.492	16.517	VV	155	1289	0.02%	0.004%
264	16.529	16.517	16.539	VV	121	930	0.02%	0.003%
265	16.597	16.539	16.640	PV	472	11980	0.23%	0.038%
266	16.702	16.640	16.717	VV	540	12249	0.23%	0.039%
267	16.766	16.717	16.820	VV	3092	63219	1.21%	0.201%
268	16.873	16.820	16.928	VV	7063	131614	2.51%	0.419%
269	16.959	16.928	16.979	VV	521	8045	0.15%	0.026%
270	17.004	16.979	17.028	VV	1533	20489	0.39%	0.065%
271	17.041	17.028	17.103	VV	404	9483	0.18%	0.030%
272	17.127	17.103	17.138	PV	682	7991	0.15%	0.025%
273	17.194	17.138	17.223	VV	4632	92560	1.77%	0.295%
274	17.251	17.223	17.293	VV	5101	65098	1.24%	0.207%
275	17.350	17.293	17.374	VV	2760	48635	0.93%	0.155%
276	17.396	17.374	17.448	VV	1839	38800	0.74%	0.124%
277	17.494	17.448	17.531	VV	626	17452	0.33%	0.056%
278	17.562	17.531	17.580	VV	363	7236	0.14%	0.023%
279	17.616	17.580	17.648	VV	1257	27492	0.52%	0.088%
280	17.663	17.648	17.684	VV	462	7304	0.14%	0.023%
281	17.709	17.684	17.734	VV	1859	28162	0.54%	0.090%
282	17.793	17.734	17.822	VV	3314	66091	1.26%	0.211%
283	17.841	17.822	17.858	PV	449	5188	0.10%	0.017%
284	17.881	17.858	17.896	VV	799	11229	0.21%	0.036%
285	17.917	17.896	17.944	VV	783	16623	0.32%	0.053%
286	17.963	17.944	17.993	VV	349	6837	0.13%	0.022%
287	18.022	17.993	18.058	VV	374	7170	0.14%	0.023%
288	18.098	18.058	18.109	PV	308	6146	0.12%	0.020%
289	18.114	18.109	18.121	VV	186	847	0.02%	0.003%
290	18.189	18.121	18.208	VV	1876	39968	0.76%	0.127%
291	18.234	18.208	18.268	VV	3288	58143	1.11%	0.185%
292	18.324	18.268	18.368	VV	2073	50931	0.97%	0.162%
293	18.399	18.368	18.412	VV	990	18865	0.36%	0.060%
294	18.426	18.412	18.444	VV	915	15190	0.29%	0.048%
295	18.474	18.444	18.496	VV	1112	23644	0.45%	0.075%
296	18.534	18.496	18.549	VV	1887	32129	0.61%	0.102%
297	18.593	18.549	18.610	VV	11461	190667	3.64%	0.608%
298	18.622	18.610	18.642	VV	7441	104376	1.99%	0.333%
299	18.660	18.642	18.694	VV	4824	85448	1.63%	0.272%

rteres

300	18.707	18.694	18.726	VV	883	12993	0.25%	0.041%
301	18.757	18.726	18.774	VV	2888	49803	0.95%	0.159%
302	18.788	18.774	18.848	VV	1989	39656	0.76%	0.126%
303	18.878	18.848	18.909	PV	6877	91394	1.75%	0.291%
304	18.924	18.909	18.936	VV	558	8176	0.16%	0.026%
305	18.966	18.936	18.988	VV	808	17794	0.34%	0.057%
306	19.010	18.988	19.033	VV	2095	33883	0.65%	0.108%
307	19.066	19.033	19.123	VV	4133	97181	1.86%	0.310%
308	19.189	19.123	19.221	VV	2450	93888	1.79%	0.299%
309	19.240	19.221	19.258	VV	1652	31729	0.61%	0.101%
310	19.284	19.258	19.301	VV	1837	39690	0.76%	0.126%
311	19.316	19.301	19.325	VV	1686	22613	0.43%	0.072%
312	19.423	19.325	19.451	VV	8919	272015	5.19%	0.867%
313	19.477	19.451	19.511	VV	5609	153446	2.93%	0.489%
314	19.557	19.511	19.596	VV	3505	145359	2.78%	0.463%
315	19.607	19.596	19.625	VV	2783	45346	0.87%	0.144%
316	19.672	19.625	19.691	VV	3055	108984	2.08%	0.347%
317	19.724	19.691	19.758	VV	3540	124372	2.37%	0.396%
318	19.771	19.758	19.789	VV	3101	53418	1.02%	0.170%
319	19.853	19.789	19.881	VV	4999	188753	3.60%	0.601%
320	19.962	19.881	19.995	VV	5315	272087	5.20%	0.867%
321	20.036	19.995	20.064	VV	7764	214220	4.09%	0.683%
322	20.101	20.064	20.129	VV	7002	215346	4.11%	0.686%
323	20.151	20.129	20.174	VV	6007	148962	2.84%	0.475%
324	20.229	20.174	20.256	VV	8065	322374	6.16%	1.027%
325	20.321	20.256	20.353	VV	6671	355023	6.78%	1.131%
326	20.414	20.353	20.438	VV	10094	384873	7.35%	1.226%
327	20.481	20.438	20.496	VV	8721	282997	5.40%	0.902%
328	20.554	20.496	20.571	VV	9295	386340	7.38%	1.231%
329	20.594	20.571	20.617	VV	9862	252841	4.83%	0.806%
330	20.634	20.617	20.654	VV	9115	202900	3.87%	0.646%
331	20.678	20.654	20.726	VV	9244	383156	7.32%	1.221%
332	20.762	20.726	20.798	VV	10615	398423	7.61%	1.269%
333	20.846	20.798	20.911	VV	10266	660870	12.62%	2.106%
334	20.956	20.911	21.052	VV	10332	785628	15.00%	2.503%
335	21.071	21.052	21.082	VV	8342	146954	2.81%	0.468%
336	21.089	21.082	21.111	VV	8224	142877	2.73%	0.455%
337	21.145	21.111	21.218	VV	8162	507713	9.69%	1.618%
338	21.224	21.218	21.254	VV	7677	163992	3.13%	0.523%
339	21.283	21.254	21.335	VV	7283	333826	6.37%	1.064%
340	21.369	21.335	21.438	VV	6512	339236	6.48%	1.081%
341	21.458	21.438	21.481	VV	4748	118804	2.27%	0.379%
342	21.491	21.481	21.518	VV	4358	91114	1.74%	0.290%
343	21.568	21.518	21.620	VV	4454	257893	4.92%	0.822%
344	21.662	21.620	21.711	VV	4014	204684	3.91%	0.652%
345	21.768	21.711	21.791	VV	3352	149770	2.86%	0.477%
346	21.859	21.791	21.888	VV	4493	215023	4.11%	0.685%
347	21.905	21.888	22.010	VV	3491	193645	3.70%	0.617%
348	22.038	22.010	22.061	VV	2162	59081	1.13%	0.188%
349	22.084	22.061	22.144	VV	2155	80123	1.53%	0.255%
350	22.174	22.144	22.227	VV	1880	54680	1.04%	0.174%
351	22.262	22.227	22.291	VV	1164	27653	0.53%	0.088%

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                                        rteres
352 22.323  22.291  22.337  VV      555     12536   0.24%  0.040%
353 22.370  22.337  22.392  VV      767     16590   0.32%  0.053%
                     Sum of corrected areas:    31385160

Aliphatic EPH 062725.M Thu Jul 03 05:44:12 2025
```

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054678.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 20:53
Operator : YP\AJ
Sample : Q2480-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX7

Integration File: autoint1.e
Quant Time: Jul 03 05:11:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.076	4715622	29.038 ug/ml
Spiked Amount 50.000		Recovery = 58.08%	
12) S 1-chlorooctadecane (S...	13.512	3963092	31.380 ug/ml
Spiked Amount 50.000		Recovery = 62.76%	
Target Compounds			

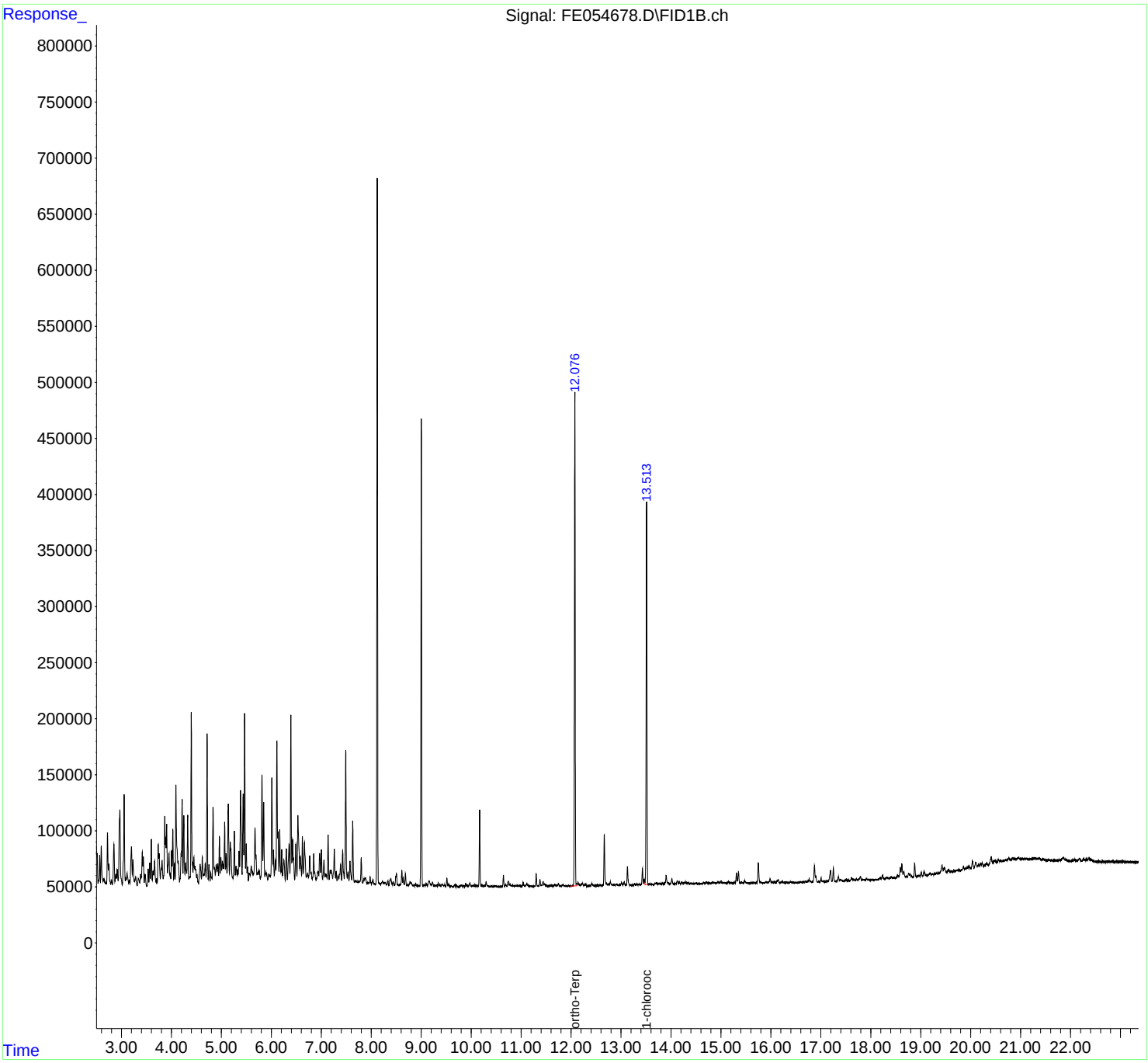
(f)=RT Delta > 1/2 Window (m)=manual int.

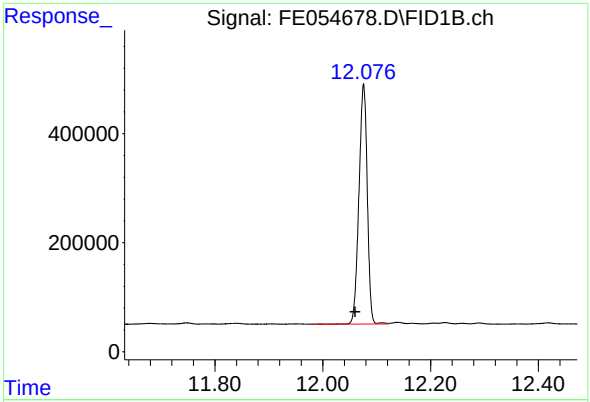
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054678.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 20:53
Operator : YP\AJ
Sample : Q2480-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX7

Integration File: autoint1.e
Quant Time: Jul 03 05:11:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

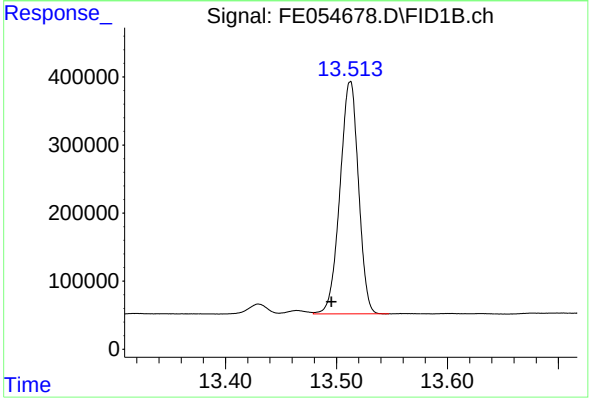




#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.016 min
Response: 4715622
Conc: 29.04 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX7



#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.017 min
Response: 3963092
Conc: 31.38 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054678.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 20:53
Sample : Q2480-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.849	2.805	2.870	BV	33771	414590	8.77%	0.464%
2	2.887	2.870	2.899	VV	7493	92735	1.96%	0.104%
3	2.915	2.899	2.933	VV	12283	152270	3.22%	0.170%
4	2.967	2.933	3.015	VV	66873	1159585	24.54%	1.297%
5	3.054	3.015	3.078	PV	80414	1003316	21.24%	1.122%
6	3.089	3.078	3.097	VV	6465	62237	1.32%	0.070%
7	3.112	3.097	3.143	VV	10629	186197	3.94%	0.208%
8	3.156	3.143	3.168	VV	4185	49016	1.04%	0.055%
9	3.200	3.168	3.217	VV	34986	550036	11.64%	0.615%
10	3.230	3.217	3.258	VV	23191	311811	6.60%	0.349%
11	3.285	3.258	3.314	VV	8122	144569	3.06%	0.162%
12	3.338	3.314	3.363	VV	6541	118238	2.50%	0.132%
13	3.384	3.363	3.395	VV	10442	136965	2.90%	0.153%
14	3.417	3.395	3.428	VV	30237	379575	8.03%	0.425%
15	3.438	3.428	3.457	VV	26489	282058	5.97%	0.316%
16	3.474	3.457	3.510	VV	10399	156083	3.30%	0.175%
17	3.535	3.510	3.551	PV	15618	165787	3.51%	0.185%
18	3.566	3.551	3.581	VV	21029	232381	4.92%	0.260%
19	3.598	3.581	3.617	VV	42060	449113	9.51%	0.502%
20	3.633	3.617	3.645	VV	13673	179363	3.80%	0.201%
21	3.664	3.645	3.693	VV	22651	353103	7.47%	0.395%
22	3.705	3.693	3.718	VV	6802	76159	1.61%	0.085%
23	3.736	3.718	3.779	VV	37308	772892	16.36%	0.865%
24	3.813	3.779	3.835	VV	22667	488434	10.34%	0.546%
25	3.868	3.835	3.894	VV	62234	1101772	23.32%	1.232%
26	3.905	3.894	3.923	VV	55277	627557	13.28%	0.702%
27	3.951	3.923	3.987	VV	29052	647652	13.71%	0.724%
28	4.004	3.987	4.014	VV	31699	339120	7.18%	0.379%
29	4.028	4.014	4.047	VV	50868	554099	11.73%	0.620%
30	4.061	4.047	4.074	VV	20384	220707	4.67%	0.247%
31	4.091	4.074	4.164	VV	89440	1698698	35.95%	1.900%
32	4.215	4.164	4.232	VV	77391	1170882	24.78%	1.310%
33	4.248	4.232	4.271	VV	62945	771459	16.33%	0.863%
34	4.285	4.271	4.308	VV	20553	335846	7.11%	0.376%
35	4.326	4.308	4.350	VV	63280	753512	15.95%	0.843%
36	4.398	4.350	4.432	VV	155678	1894210	40.09%	2.119%

rteres

37	4.450	4.432	4.504	VV	25888	719729	15.23%	0.805%
38	4.514	4.504	4.541	VV	10339	144296	3.05%	0.161%
39	4.575	4.541	4.600	VV	19783	421115	8.91%	0.471%
40	4.619	4.600	4.642	VV	26150	387249	8.20%	0.433%
41	4.676	4.642	4.693	VV	20086	393381	8.33%	0.440%
42	4.715	4.693	4.736	VV	135906	1382301	29.26%	1.546%
43	4.752	4.736	4.773	VV	19347	266850	5.65%	0.299%
44	4.788	4.773	4.815	VV	12591	215568	4.56%	0.241%
45	4.833	4.815	4.878	VV	70250	1001787	21.20%	1.121%
46	4.897	4.878	4.913	VV	19331	326704	6.91%	0.365%
47	4.928	4.913	4.944	VV	20242	298680	6.32%	0.334%
48	4.961	4.944	4.976	VV	44655	501214	10.61%	0.561%
49	4.990	4.976	5.006	VV	25601	352109	7.45%	0.394%
50	5.021	5.006	5.035	VV	22496	321744	6.81%	0.360%
51	5.066	5.035	5.082	VV	56690	813943	17.23%	0.910%
52	5.095	5.082	5.112	VV	29275	375935	7.96%	0.421%
53	5.138	5.112	5.161	VV	73497	1121392	23.73%	1.254%
54	5.178	5.161	5.229	VV	39524	859612	18.19%	0.962%
55	5.259	5.229	5.279	VV	49235	653256	13.83%	0.731%
56	5.294	5.279	5.312	VV	17942	283135	5.99%	0.317%
57	5.324	5.312	5.335	VV	14786	177990	3.77%	0.199%
58	5.353	5.335	5.365	VV	31562	394464	8.35%	0.441%
59	5.384	5.365	5.414	VV	84601	1365077	28.89%	1.527%
60	5.436	5.414	5.450	VV	82627	1065283	22.55%	1.192%
61	5.465	5.450	5.484	VV	154612	1552212	32.85%	1.736%
62	5.496	5.484	5.514	VV	37980	458740	9.71%	0.513%
63	5.523	5.514	5.540	VV	17585	190675	4.04%	0.213%
64	5.559	5.540	5.577	VV	11440	220627	4.67%	0.247%
65	5.597	5.577	5.636	VV	17763	470903	9.97%	0.527%
66	5.673	5.636	5.713	VV	52239	1101131	23.31%	1.232%
67	5.737	5.713	5.748	VV	13418	254933	5.40%	0.285%
68	5.760	5.748	5.778	VV	14068	191737	4.06%	0.214%
69	5.813	5.778	5.830	VV	99740	1183827	25.06%	1.324%
70	5.847	5.830	5.871	VV	74797	926312	19.61%	1.036%
71	5.891	5.871	5.928	VV	13016	352557	7.46%	0.394%
72	5.949	5.928	5.962	VV	10401	175570	3.72%	0.196%
73	5.971	5.962	5.981	VV	9781	108636	2.30%	0.122%
74	6.010	5.981	6.032	VV	96575	1272194	26.93%	1.423%
75	6.042	6.032	6.060	VV	32570	368038	7.79%	0.412%
76	6.080	6.060	6.091	VV	23426	315967	6.69%	0.353%
77	6.111	6.091	6.152	VV	129990	1999177	42.31%	2.236%
78	6.168	6.152	6.193	VV	50560	667306	14.12%	0.746%
79	6.208	6.193	6.225	VV	32976	390076	8.26%	0.436%
80	6.251	6.225	6.277	VV	23875	506199	10.71%	0.566%
81	6.300	6.277	6.321	VV	33677	490590	10.38%	0.549%
82	6.355	6.321	6.372	VV	37671	679499	14.38%	0.760%
83	6.391	6.372	6.412	VV	152335	1620742	34.30%	1.813%
84	6.428	6.412	6.467	VV	41850	794765	16.82%	0.889%
85	6.491	6.467	6.512	VV	37832	554249	11.73%	0.620%
86	6.532	6.512	6.569	VV	63448	1227222	25.97%	1.373%
87	6.580	6.569	6.605	VV	26714	433894	9.18%	0.485%
88	6.622	6.605	6.639	VV	44363	507548	10.74%	0.568%
89	6.664	6.639	6.700	VV	39137	794218	16.81%	0.888%

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90	6.725	6.700	6.743	VV	11603	252086	5.34%	0.282%
91	6.768	6.743	6.818	VV	27554	627550	13.28%	0.702%
92	6.849	6.818	6.897	VV	29150	604306	12.79%	0.676%
93	6.936	6.897	6.950	VV	13436	324288	6.86%	0.363%
94	6.968	6.950	6.988	VV	29394	475633	10.07%	0.532%
95	7.003	6.988	7.026	VV	32908	425121	9.00%	0.476%
96	7.054	7.026	7.071	VV	23556	377785	8.00%	0.423%
97	7.080	7.071	7.092	VV	11467	127912	2.71%	0.143%
98	7.104	7.092	7.117	VV	10623	139609	2.95%	0.156%
99	7.137	7.117	7.158	VV	46127	540904	11.45%	0.605%
100	7.177	7.158	7.188	VV	14487	207135	4.38%	0.232%
101	7.200	7.188	7.228	VV	14798	274784	5.82%	0.307%
102	7.261	7.228	7.286	VV	33477	568775	12.04%	0.636%
103	7.298	7.286	7.316	VV	13509	172902	3.66%	0.193%
104	7.336	7.316	7.352	VV	9694	176138	3.73%	0.197%
105	7.387	7.352	7.408	VV	19335	395702	8.38%	0.443%
106	7.428	7.408	7.459	VV	32157	509415	10.78%	0.570%
107	7.490	7.459	7.519	VV	120850	1462860	30.96%	1.636%
108	7.535	7.519	7.554	VV	12725	203421	4.31%	0.228%
109	7.576	7.554	7.609	VV	22819	404987	8.57%	0.453%
110	7.630	7.609	7.663	VV	58065	694941	14.71%	0.777%
111	7.679	7.663	7.692	VV	5437	85051	1.80%	0.095%
112	7.700	7.692	7.718	VV	4799	69565	1.47%	0.078%
113	7.735	7.718	7.749	VV	5241	80618	1.71%	0.090%
114	7.800	7.749	7.828	VV	25998	410871	8.70%	0.460%
115	7.859	7.828	7.867	VV	6966	124499	2.64%	0.139%
116	7.882	7.867	7.914	VV	7753	167193	3.54%	0.187%
117	7.928	7.914	7.952	VV	3473	70282	1.49%	0.079%
118	7.978	7.952	8.004	VV	8606	148047	3.13%	0.166%
119	8.033	8.004	8.053	VV	5955	115938	2.45%	0.130%
120	8.062	8.053	8.084	VV	2750	45969	0.97%	0.051%
121	8.171	8.160	8.186	VV	2992	40007	0.85%	0.045%
122	8.228	8.186	8.249	VV	4574	130321	2.76%	0.146%
123	8.263	8.249	8.277	VV	3632	54001	1.14%	0.060%
124	8.287	8.277	8.307	VV	3599	49852	1.06%	0.056%
125	8.334	8.307	8.353	VV	4902	81258	1.72%	0.091%
126	8.392	8.353	8.418	VV	7417	172406	3.65%	0.193%
127	8.439	8.418	8.470	VV	4274	85663	1.81%	0.096%
128	8.504	8.470	8.548	VV	11600	231986	4.91%	0.260%
129	8.556	8.548	8.578	VV	1624	27620	0.58%	0.031%
130	8.612	8.578	8.629	VV	14656	188926	4.00%	0.211%
131	8.640	8.629	8.659	VV	8292	91005	1.93%	0.102%
132	8.685	8.659	8.713	VV	11622	160098	3.39%	0.179%
133	8.731	8.713	8.745	VV	1809	26854	0.57%	0.030%
134	8.777	8.745	8.837	VV	3916	134637	2.85%	0.151%
135	8.855	8.837	8.872	VV	1934	27182	0.58%	0.030%
136	8.891	8.872	8.924	VV	2694	40636	0.86%	0.045%
137	8.941	8.924	8.956	VV	1315	16144	0.34%	0.018%
138	9.065	9.033	9.081	VV	1396	32096	0.68%	0.036%
139	9.100	9.081	9.122	VV	2340	39399	0.83%	0.044%
140	9.157	9.122	9.199	VV	5311	143825	3.04%	0.161%
141	9.227	9.199	9.267	VV	4162	81577	1.73%	0.091%

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142	9.284	9.267	9.300	VV	1068	19438	0.41%	0.022%
143	9.312	9.300	9.323	VV	1275	14518	0.31%	0.016%
144	9.340	9.323	9.360	VV	2716	35003	0.74%	0.039%
145	9.375	9.360	9.394	VV	1793	23070	0.49%	0.026%
146	9.418	9.394	9.449	VV	2315	47146	1.00%	0.053%
147	9.466	9.449	9.482	VV	1574	21777	0.46%	0.024%
148	9.515	9.482	9.537	VV	7624	96035	2.03%	0.107%
149	9.552	9.537	9.591	VV	2551	36174	0.77%	0.040%
150	9.607	9.591	9.635	VV	445	7750	0.16%	0.009%
151	9.670	9.635	9.686	VV	1818	23630	0.50%	0.026%
152	9.702	9.686	9.734	VV	1855	22816	0.48%	0.026%
153	9.753	9.734	9.770	VV	416	5107	0.11%	0.006%
154	9.807	9.770	9.838	VV	1606	27916	0.59%	0.031%
155	9.850	9.838	9.866	VV	523	6690	0.14%	0.007%
156	9.892	9.866	9.945	VV	3094	57198	1.21%	0.064%
157	9.973	9.945	10.005	VV	3066	58827	1.25%	0.066%
158	10.040	10.005	10.058	VV	1183	29659	0.63%	0.033%
159	10.074	10.058	10.089	VV	1410	19484	0.41%	0.022%
160	10.097	10.089	10.128	VV	953	15442	0.33%	0.017%
161	10.171	10.128	10.199	VV	68548	694193	14.69%	0.777%
162	10.216	10.199	10.251	VV	1387	30887	0.65%	0.035%
163	10.266	10.251	10.281	VV	821	12783	0.27%	0.014%
164	10.300	10.281	10.356	VV	4569	69511	1.47%	0.078%
165	10.366	10.356	10.390	VV	394	6522	0.14%	0.007%
166	10.407	10.390	10.444	VV	562	9588	0.20%	0.011%
167	10.477	10.444	10.558	VV	681	17432	0.37%	0.019%
168	10.582	10.558	10.611	PV	330	4425	0.09%	0.005%
169	10.647	10.611	10.671	VV	10201	111485	2.36%	0.125%
170	10.691	10.671	10.713	VV	1902	28099	0.59%	0.031%
171	10.741	10.713	10.764	VV	4762	74423	1.58%	0.083%
172	10.777	10.764	10.805	VV	2278	34464	0.73%	0.039%
173	10.822	10.805	10.864	VV	1493	29340	0.62%	0.033%
174	10.896	10.864	10.929	VV	1098	25532	0.54%	0.029%
175	10.963	10.929	11.009	VV	920	31871	0.67%	0.036%
176	11.042	11.009	11.085	VV	3826	61626	1.30%	0.069%
177	11.113	11.085	11.178	VV	2520	60378	1.28%	0.068%
178	11.193	11.178	11.218	VV	479	6900	0.15%	0.008%
179	11.235	11.218	11.255	VV	245	4390	0.09%	0.005%
180	11.302	11.255	11.339	VV	11102	122833	2.60%	0.137%
181	11.378	11.339	11.416	VV	6183	85694	1.81%	0.096%
182	11.439	11.416	11.458	VV	4249	60467	1.28%	0.068%
183	11.471	11.458	11.540	VV	2204	44879	0.95%	0.050%
184	11.554	11.540	11.567	VV	410	4505	0.10%	0.005%
185	11.606	11.567	11.641	VV	1001	22823	0.48%	0.026%
186	11.679	11.641	11.712	VV	1551	34666	0.73%	0.039%
187	11.748	11.712	11.771	VV	2540	39059	0.83%	0.044%
188	11.779	11.771	11.807	VV	429	7889	0.17%	0.009%
189	11.839	11.807	11.878	VV	1688	30112	0.64%	0.034%
190	11.904	11.878	11.927	VV	545	6802	0.14%	0.008%
191	11.950	11.927	11.981	VV	474	7935	0.17%	0.009%
192	11.994	11.981	12.007	PV	211	2365	0.05%	0.003%
193	12.076	12.007	12.122	VV	436973	4724696	100.00%	5.285%
194	12.139	12.122	12.191	VV	3328	67264	1.42%	0.075%

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195	12.227	12.191	12.245	VV	2848	54427	1.15%	0.061%
196	12.259	12.245	12.273	VV	1475	17243	0.36%	0.019%
197	12.290	12.273	12.321	VV	2026	25394	0.54%	0.028%
198	12.358	12.321	12.377	PV	271	2877	0.06%	0.003%
199	12.418	12.377	12.484	VV	2165	42248	0.89%	0.047%
200	12.517	12.484	12.561	VV	384	14718	0.31%	0.016%
201	12.581	12.561	12.621	VV	1156	17969	0.38%	0.020%
202	12.665	12.621	12.742	VV	45747	589121	12.47%	0.659%
203	12.758	12.742	12.768	VV	1432	19798	0.42%	0.022%
204	12.787	12.768	12.821	VV	3284	55925	1.18%	0.063%
205	12.834	12.821	12.885	VV	1024	27090	0.57%	0.030%
206	12.902	12.885	12.939	VV	1307	24821	0.53%	0.028%
207	13.011	12.939	13.031	VV	2401	49413	1.05%	0.055%
208	13.061	13.031	13.108	VV	2597	57607	1.22%	0.064%
209	13.129	13.108	13.175	VV	16932	215757	4.57%	0.241%
210	13.184	13.175	13.205	VV	297	3705	0.08%	0.004%
211	13.231	13.205	13.241	VV	261	4406	0.09%	0.005%
212	13.269	13.241	13.300	VV	1172	22208	0.47%	0.025%
213	13.319	13.300	13.335	VV	1121	15452	0.33%	0.017%
214	13.344	13.335	13.369	VV	704	12300	0.26%	0.014%
215	13.373	13.369	13.393	VV	551	6470	0.14%	0.007%
216	13.430	13.393	13.449	VV	14856	181199	3.84%	0.203%
217	13.465	13.449	13.479	VV	5419	65932	1.40%	0.074%
218	13.512	13.479	13.546	VV	342333	3981971	84.28%	4.454%
219	13.562	13.546	13.588	VV	782	14827	0.31%	0.017%
220	13.602	13.588	13.621	VV	866	12877	0.27%	0.014%
221	13.631	13.621	13.655	VV	674	8126	0.17%	0.009%
222	13.701	13.655	13.740	VV	1467	55013	1.16%	0.062%
223	13.762	13.740	13.806	VV	1734	43341	0.92%	0.048%
224	13.827	13.806	13.842	VV	1347	21353	0.45%	0.024%
225	13.856	13.842	13.871	VV	1080	16017	0.34%	0.018%
226	13.905	13.871	13.970	VV	8527	166800	3.53%	0.187%
227	14.019	13.970	14.051	VV	5437	103186	2.18%	0.115%
228	14.066	14.051	14.075	VV	892	12164	0.26%	0.014%
229	14.090	14.075	14.103	VV	1057	16047	0.34%	0.018%
230	14.128	14.103	14.150	VV	3584	56965	1.21%	0.064%
231	14.168	14.150	14.198	VV	2131	37172	0.79%	0.042%
232	14.216	14.198	14.237	VV	2562	37931	0.80%	0.042%
233	14.263	14.237	14.282	VV	1922	38240	0.81%	0.043%
234	14.298	14.282	14.321	VV	2036	35507	0.75%	0.040%
235	14.340	14.321	14.369	VV	1815	33909	0.72%	0.038%
236	14.395	14.369	14.432	VV	1254	31586	0.67%	0.035%
237	14.500	14.432	14.548	VV	1158	50975	1.08%	0.057%
238	14.555	14.548	14.578	VV	670	10618	0.22%	0.012%
239	14.605	14.578	14.624	VV	698	16217	0.34%	0.018%
240	14.657	14.624	14.681	VV	1648	33654	0.71%	0.038%
241	14.705	14.681	14.745	VV	1776	49769	1.05%	0.056%
242	14.778	14.745	14.799	VV	1015	28107	0.59%	0.031%
243	14.832	14.799	14.851	VV	1608	37129	0.79%	0.042%
244	14.857	14.851	14.880	VV	1373	20827	0.44%	0.023%
245	14.898	14.880	14.914	VV	1109	18947	0.40%	0.021%
246	14.937	14.914	14.980	VV	2045	52478	1.11%	0.059%

rteres

247	15.001	14.980	15.022	VV	3092	43756	0.93%	0.049%
248	15.060	15.022	15.103	VV	1162	43286	0.92%	0.048%
249	15.149	15.103	15.171	VV	1923	41851	0.89%	0.047%
250	15.184	15.171	15.201	VV	1125	15622	0.33%	0.017%
251	15.210	15.201	15.236	VV	752	12219	0.26%	0.014%
252	15.266	15.236	15.283	VV	1113	18412	0.39%	0.021%
253	15.311	15.283	15.329	VV	9499	118855	2.52%	0.133%
254	15.352	15.329	15.388	VV	10382	157616	3.34%	0.176%
255	15.415	15.388	15.440	VV	1075	21759	0.46%	0.024%
256	15.476	15.440	15.533	VV	2480	56705	1.20%	0.063%
257	15.549	15.533	15.588	VV	738	14142	0.30%	0.016%
258	15.617	15.588	15.645	VV	872	20056	0.42%	0.022%
259	15.654	15.645	15.665	VV	761	8049	0.17%	0.009%
260	15.673	15.665	15.695	VV	656	8953	0.19%	0.010%
261	15.748	15.695	15.841	VV	18364	297349	6.29%	0.333%
262	15.854	15.841	15.864	VV	389	3875	0.08%	0.004%
263	15.908	15.864	15.928	VV	1267	33701	0.71%	0.038%
264	15.943	15.928	15.956	VV	1037	13235	0.28%	0.015%
265	15.984	15.956	16.007	VV	3748	59875	1.27%	0.067%
266	16.024	16.007	16.051	VV	1525	21132	0.45%	0.024%
267	16.071	16.051	16.096	VV	1087	18007	0.38%	0.020%
268	16.148	16.096	16.185	VV	2609	65542	1.39%	0.073%
269	16.226	16.185	16.249	VV	1368	26262	0.56%	0.029%
270	16.267	16.249	16.290	VV	794	12171	0.26%	0.014%
271	16.310	16.290	16.335	VV	759	11309	0.24%	0.013%
272	16.393	16.335	16.445	VV	1203	28951	0.61%	0.032%
273	16.451	16.445	16.472	VV	339	2835	0.06%	0.003%
274	16.491	16.472	16.506	PV	218	2474	0.05%	0.003%
275	16.591	16.506	16.615	PV	674	17160	0.36%	0.019%
276	16.624	16.615	16.640	VV	482	4664	0.10%	0.005%
277	16.662	16.640	16.671	VV	448	5514	0.12%	0.006%
278	16.697	16.671	16.717	VV	858	16606	0.35%	0.019%
279	16.765	16.717	16.820	VV	2446	60550	1.28%	0.068%
280	16.873	16.820	16.892	VV	15140	213587	4.52%	0.239%
281	16.900	16.892	16.937	VV	5760	62956	1.33%	0.070%
282	16.959	16.937	16.977	VV	513	7129	0.15%	0.008%
283	17.005	16.977	17.027	VV	3084	39123	0.83%	0.044%
284	17.041	17.027	17.081	VV	819	14331	0.30%	0.016%
285	17.127	17.081	17.145	VV	915	16058	0.34%	0.018%
286	17.195	17.145	17.223	VV	10161	182527	3.86%	0.204%
287	17.252	17.223	17.297	VV	12213	151345	3.20%	0.169%
288	17.352	17.297	17.376	PV	4317	72060	1.53%	0.081%
289	17.397	17.376	17.445	VV	1634	36470	0.77%	0.041%
290	17.503	17.445	17.538	VV	1370	40256	0.85%	0.045%
291	17.560	17.538	17.575	VV	743	10436	0.22%	0.012%
292	17.616	17.575	17.648	VV	2503	59031	1.25%	0.066%
293	17.661	17.648	17.685	VV	1133	18439	0.39%	0.021%
294	17.712	17.685	17.732	VV	1688	27261	0.58%	0.030%
295	17.756	17.732	17.768	VV	1328	21593	0.46%	0.024%
296	17.793	17.768	17.822	VV	3612	64741	1.37%	0.072%
297	17.839	17.822	17.860	VV	910	13156	0.28%	0.015%
298	17.879	17.860	17.892	VV	692	10608	0.22%	0.012%
299	17.915	17.892	17.941	VV	1652	28860	0.61%	0.032%

rteres

300	17.958	17.941	17.995	VV	546	9575	0.20%	0.011%
301	18.027	17.995	18.051	VV	592	9745	0.21%	0.011%
302	18.097	18.051	18.119	PV	269	5177	0.11%	0.006%
303	18.191	18.119	18.208	PV	1600	35526	0.75%	0.040%
304	18.234	18.208	18.271	VV	3612	66263	1.40%	0.074%
305	18.325	18.271	18.342	VV	1609	38696	0.82%	0.043%
306	18.351	18.342	18.371	VV	1137	14548	0.31%	0.016%
307	18.420	18.371	18.441	VV	1317	43360	0.92%	0.049%
308	18.468	18.441	18.497	VV	1037	27638	0.58%	0.031%
309	18.533	18.497	18.551	VV	3335	52956	1.12%	0.059%
310	18.591	18.551	18.606	VV	9494	162724	3.44%	0.182%
311	18.623	18.606	18.644	VV	12921	185148	3.92%	0.207%
312	18.660	18.644	18.694	VV	6014	105666	2.24%	0.118%
313	18.708	18.694	18.730	VV	1347	21604	0.46%	0.024%
314	18.757	18.730	18.774	VV	4190	65533	1.39%	0.073%
315	18.788	18.774	18.847	VV	3507	64843	1.37%	0.073%
316	18.878	18.847	18.905	PV	12508	154921	3.28%	0.173%
317	18.917	18.905	18.935	VV	780	11204	0.24%	0.013%
318	18.961	18.935	18.983	VV	1360	26616	0.56%	0.030%
319	19.010	18.983	19.034	VV	4152	62488	1.32%	0.070%
320	19.067	19.034	19.092	VV	4324	75546	1.60%	0.085%
321	19.103	19.092	19.127	VV	1248	19252	0.41%	0.022%
322	19.188	19.127	19.218	VV	2215	70985	1.50%	0.079%
323	19.240	19.218	19.257	VV	1307	24820	0.53%	0.028%
324	19.284	19.257	19.294	VV	1419	25768	0.55%	0.029%
325	19.315	19.294	19.331	VV	1774	33610	0.71%	0.038%
326	19.355	19.331	19.371	VV	1572	35644	0.75%	0.040%
327	19.425	19.371	19.451	VV	8072	204664	4.33%	0.229%
328	19.472	19.451	19.508	VV	5584	142685	3.02%	0.160%
329	19.558	19.508	19.598	VV	3318	129690	2.74%	0.145%
330	19.612	19.598	19.626	VV	2195	33898	0.72%	0.038%
331	19.668	19.626	19.690	VV	2641	83092	1.76%	0.093%
332	19.723	19.690	19.752	VV	2802	88315	1.87%	0.099%
333	19.768	19.752	19.786	VV	2664	48959	1.04%	0.055%
334	19.854	19.786	19.881	VV	5147	179094	3.79%	0.200%
335	19.898	19.881	19.910	VV	3530	58212	1.23%	0.065%
336	19.928	19.910	19.937	VV	3944	59646	1.26%	0.067%
337	19.964	19.937	19.995	VV	5228	145364	3.08%	0.163%
338	20.036	19.995	20.065	VV	9076	224668	4.76%	0.251%
339	20.102	20.065	20.132	VV	7973	228287	4.83%	0.255%
340	20.155	20.132	20.173	VV	5529	121605	2.57%	0.136%
341	20.195	20.173	20.211	VV	5936	124777	2.64%	0.140%
342	20.228	20.211	20.261	VV	7048	167035	3.54%	0.187%
343	20.318	20.261	20.348	VV	6238	262603	5.56%	0.294%
344	20.413	20.348	20.439	VV	11585	406422	8.60%	0.455%
345	20.482	20.439	20.525	VV	8197	366714	7.76%	0.410%
346	20.555	20.525	20.575	VV	8171	218200	4.62%	0.244%
347	20.593	20.575	20.618	VV	7868	189106	4.00%	0.212%
348	20.686	20.618	20.711	VV	7563	394990	8.36%	0.442%
349	20.763	20.711	20.791	VV	8996	372929	7.89%	0.417%
350	20.843	20.791	20.886	VV	8428	444742	9.41%	0.497%
351	20.913	20.886	20.926	VV	7711	181983	3.85%	0.204%

rteres

352	20.960	20.926	21.017	VV	8453	418286	8.85%	0.468%
353	21.069	21.017	21.101	VV	6980	348900	7.38%	0.390%
354	21.115	21.101	21.151	VV	6736	193575	4.10%	0.217%
355	21.277	21.151	21.340	VV	6635	703076	14.88%	0.786%
356	21.372	21.340	21.414	VV	6133	244963	5.18%	0.274%
357	21.451	21.414	21.524	VV	4905	283155	5.99%	0.317%
358	21.563	21.524	21.632	VV	3798	216181	4.58%	0.242%
359	21.640	21.632	21.651	VV	2964	33363	0.71%	0.037%
360	21.681	21.651	21.706	VV	3274	97623	2.07%	0.109%
361	21.733	21.706	21.744	VV	2728	60822	1.29%	0.068%
362	21.765	21.744	21.794	VV	2799	77306	1.64%	0.086%
363	21.858	21.794	22.001	VV	4655	302956	6.41%	0.339%
364	22.029	22.001	22.058	VV	1367	35613	0.75%	0.040%
365	22.082	22.058	22.123	VV	1619	45754	0.97%	0.051%
366	22.177	22.123	22.225	VV	2232	60098	1.27%	0.067%
367	22.264	22.225	22.293	PV	1693	29880	0.63%	0.033%
368	22.322	22.293	22.340	PV	534	9124	0.19%	0.010%
			Sum of corrected areas:			89396190		

Aliphatic EPH 062725.M Thu Jul 03 05:45:19 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054679.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 21:24
Operator : YP\AJ
Sample : Q2480-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX8

Integration File: autoint1.e
Quant Time: Jul 03 05:11:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.076	4801239	29.565 ug/ml
Spiked Amount 50.000		Recovery =	59.13%
12) S 1-chlorooctadecane (S...	13.512	3989935	31.592 ug/ml
Spiked Amount 50.000		Recovery =	63.18%
Target Compounds			

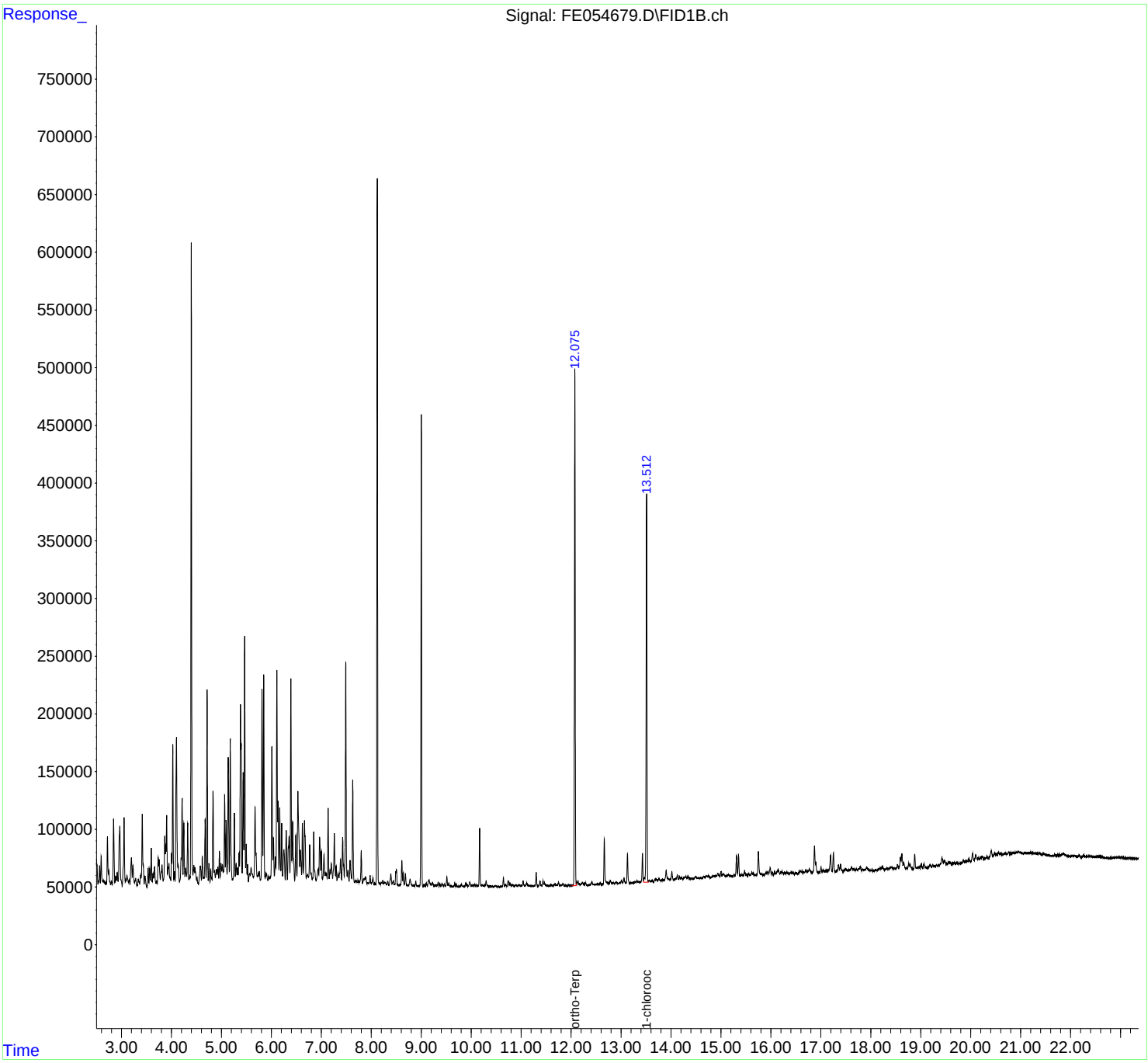
(f)=RT Delta > 1/2 Window (m)=manual int.

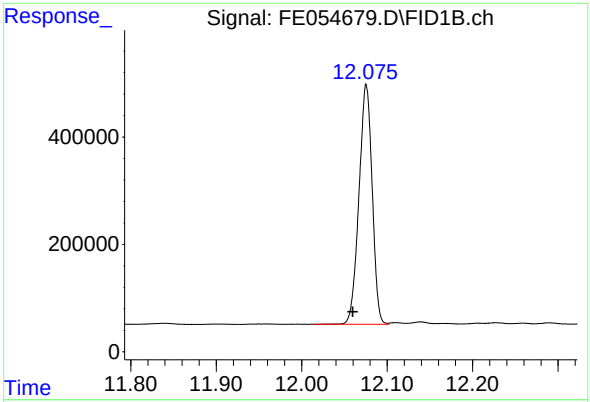
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054679.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 21:24
Operator : YP\AJ
Sample : Q2480-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GPX8

Integration File: autoint1.e
Quant Time: Jul 03 05:11:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Fri Jun 27 15:19:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

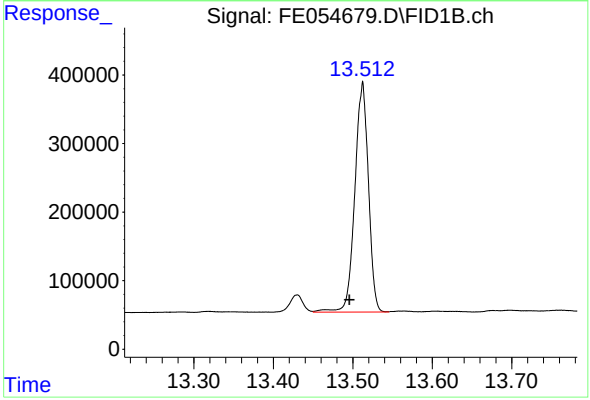




#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.016 min
Response: 4801239
Conc: 29.57 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX8



#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.016 min
Response: 3989935
Conc: 31.59 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
Data File : FE054679.D
Signal(s) : FID1B.ch
Acq On : 02 Jul 2025 21:24
Sample : Q2480-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.842	2.804	2.868	BV	55253	624755	11.22%	0.572%
2	2.886	2.868	2.898	VV	5967	74239	1.33%	0.068%
3	2.914	2.898	2.932	VV	9924	120496	2.16%	0.110%
4	2.966	2.932	3.013	VV	49618	880402	15.81%	0.806%
5	3.052	3.013	3.076	PV	58792	749743	13.46%	0.686%
6	3.088	3.076	3.096	VV	5518	54975	0.99%	0.050%
7	3.111	3.096	3.140	VV	8654	154237	2.77%	0.141%
8	3.154	3.140	3.168	VV	4798	59088	1.06%	0.054%
9	3.198	3.168	3.216	VV	24213	390920	7.02%	0.358%
10	3.230	3.216	3.260	VV	17764	268845	4.83%	0.246%
11	3.283	3.260	3.312	VV	6762	114404	2.05%	0.105%
12	3.336	3.312	3.361	VV	5957	96835	1.74%	0.089%
13	3.383	3.361	3.393	VV	9314	119023	2.14%	0.109%
14	3.417	3.393	3.456	VV	62498	887038	15.93%	0.812%
15	3.472	3.456	3.509	VV	8876	129538	2.33%	0.119%
16	3.534	3.509	3.549	PV	15655	159225	2.86%	0.146%
17	3.565	3.549	3.580	VV	15477	175950	3.16%	0.161%
18	3.597	3.580	3.616	VV	32962	351810	6.32%	0.322%
19	3.631	3.616	3.644	VV	11343	144625	2.60%	0.132%
20	3.663	3.644	3.691	VV	16909	264575	4.75%	0.242%
21	3.704	3.691	3.715	VV	4930	53867	0.97%	0.049%
22	3.735	3.715	3.745	VV	25431	271489	4.88%	0.249%
23	3.754	3.745	3.778	VV	23511	305819	5.49%	0.280%
24	3.811	3.778	3.835	VV	18746	392578	7.05%	0.359%
25	3.867	3.835	3.878	VV	43130	536119	9.63%	0.491%
26	3.905	3.878	3.924	VV	61721	960073	17.24%	0.879%
27	3.950	3.924	3.988	VV	20139	468662	8.42%	0.429%
28	4.028	3.988	4.049	VV	122958	1517756	27.26%	1.390%
29	4.060	4.049	4.073	VV	13193	139754	2.51%	0.128%
30	4.101	4.073	4.162	VV	129493	2217229	39.82%	2.030%
31	4.214	4.162	4.232	VV	76409	1117210	20.06%	1.023%
32	4.248	4.232	4.271	VV	54904	662442	11.90%	0.607%
33	4.285	4.271	4.308	VV	15613	258689	4.65%	0.237%
34	4.326	4.308	4.350	VV	54900	655888	11.78%	0.601%
35	4.398	4.350	4.431	VV	555264	5568095	100.00%	5.098%
36	4.449	4.431	4.461	VV	18311	259856	4.67%	0.238%

rteres

37	4.470	4.461	4.503	VV	16637	304395	5.47%	0.279%
38	4.513	4.503	4.541	VV	8036	113554	2.04%	0.104%
39	4.578	4.541	4.600	VV	17952	378336	6.79%	0.346%
40	4.618	4.600	4.654	VV	25726	407329	7.32%	0.373%
41	4.675	4.654	4.694	VV	58293	662966	11.91%	0.607%
42	4.715	4.694	4.736	VV	170218	1677061	30.12%	1.536%
43	4.752	4.736	4.771	VV	20142	252059	4.53%	0.231%
44	4.787	4.771	4.814	VV	15145	230108	4.13%	0.211%
45	4.833	4.814	4.878	VV	82152	1050219	18.86%	0.962%
46	4.899	4.878	4.913	VV	14866	248366	4.46%	0.227%
47	4.929	4.913	4.944	VV	16984	244609	4.39%	0.224%
48	4.961	4.944	4.976	VV	30673	348876	6.27%	0.319%
49	4.992	4.976	5.007	VV	19989	290379	5.22%	0.266%
50	5.021	5.007	5.036	VV	18797	271700	4.88%	0.249%
51	5.065	5.036	5.081	VV	79369	930681	16.71%	0.852%
52	5.095	5.081	5.114	VV	57571	662148	11.89%	0.606%
53	5.137	5.114	5.159	VV	111050	1468089	26.37%	1.344%
54	5.177	5.159	5.224	VV	127764	1607409	28.87%	1.472%
55	5.259	5.224	5.279	VV	63349	765592	13.75%	0.701%
56	5.295	5.279	5.311	VV	20040	288033	5.17%	0.264%
57	5.324	5.311	5.336	VV	16399	195409	3.51%	0.179%
58	5.353	5.336	5.363	VV	29077	333823	6.00%	0.306%
59	5.383	5.363	5.416	VV	154958	2742843	49.26%	2.511%
60	5.436	5.416	5.449	VV	98592	1164217	20.91%	1.066%
61	5.465	5.449	5.484	VV	215235	2145690	38.54%	1.965%
62	5.496	5.484	5.512	VV	36663	412391	7.41%	0.378%
63	5.523	5.512	5.541	VV	19199	207639	3.73%	0.190%
64	5.563	5.541	5.576	VV	10807	194467	3.49%	0.178%
65	5.594	5.576	5.638	VV	16516	432973	7.78%	0.396%
66	5.674	5.638	5.723	VV	68914	1264867	22.72%	1.158%
67	5.738	5.723	5.748	VV	11699	148612	2.67%	0.136%
68	5.759	5.748	5.780	VV	13420	183937	3.30%	0.168%
69	5.813	5.780	5.830	VV	170068	1841176	33.07%	1.686%
70	5.847	5.830	5.874	VV	183463	1921383	34.51%	1.759%
71	5.891	5.874	5.930	VV	11969	309837	5.56%	0.284%
72	5.947	5.930	5.960	VV	8668	130235	2.34%	0.119%
73	5.972	5.960	5.979	VV	8204	90190	1.62%	0.083%
74	6.010	5.979	6.031	VV	121264	1481496	26.61%	1.357%
75	6.043	6.031	6.061	VV	42597	475257	8.54%	0.435%
76	6.080	6.061	6.090	VV	25947	316204	5.68%	0.290%
77	6.111	6.090	6.152	VV	186750	2815417	50.56%	2.578%
78	6.168	6.152	6.190	VV	68442	794365	14.27%	0.727%
79	6.208	6.190	6.226	VV	55020	616605	11.07%	0.565%
80	6.251	6.226	6.277	VV	31541	644117	11.57%	0.590%
81	6.298	6.277	6.321	VV	48539	680696	12.22%	0.623%
82	6.355	6.321	6.371	VV	43607	855148	15.36%	0.783%
83	6.391	6.371	6.412	VV	179995	1907381	34.26%	1.746%
84	6.428	6.412	6.467	VV	56307	936740	16.82%	0.858%
85	6.490	6.467	6.511	VV	44552	603095	10.83%	0.552%
86	6.532	6.511	6.568	VV	82527	1539423	27.65%	1.410%
87	6.581	6.568	6.605	VV	31758	501661	9.01%	0.459%
88	6.622	6.605	6.640	VV	54772	603809	10.84%	0.553%
89	6.664	6.640	6.700	VV	56787	1090155	19.58%	0.998%

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90	6.726	6.700	6.742	VV	10527	232550	4.18%	0.213%
91	6.768	6.742	6.818	VV	36298	693484	12.45%	0.635%
92	6.849	6.818	6.897	VV	47756	778201	13.98%	0.713%
93	6.937	6.897	6.949	VV	15287	327381	5.88%	0.300%
94	6.968	6.949	6.989	VV	42563	669525	12.02%	0.613%
95	7.002	6.989	7.025	VV	30760	385250	6.92%	0.353%
96	7.054	7.025	7.071	VV	27591	415314	7.46%	0.380%
97	7.080	7.071	7.092	VV	12486	139957	2.51%	0.128%
98	7.103	7.092	7.116	VV	11625	144970	2.60%	0.133%
99	7.137	7.116	7.158	VV	67944	745199	13.38%	0.682%
100	7.175	7.158	7.185	VV	14546	194208	3.49%	0.178%
101	7.201	7.185	7.227	VV	20017	361888	6.50%	0.331%
102	7.261	7.227	7.285	VV	46171	738236	13.26%	0.676%
103	7.298	7.285	7.316	VV	18236	223011	4.01%	0.204%
104	7.336	7.316	7.354	VV	11607	203099	3.65%	0.186%
105	7.386	7.354	7.407	VV	23535	449241	8.07%	0.411%
106	7.428	7.407	7.460	VV	43007	686892	12.34%	0.629%
107	7.490	7.460	7.520	VV	194209	2187988	39.30%	2.003%
108	7.535	7.520	7.556	VV	14202	232762	4.18%	0.213%
109	7.576	7.556	7.608	VV	22525	402227	7.22%	0.368%
110	7.630	7.608	7.663	VV	92339	1024057	18.39%	0.938%
111	7.679	7.663	7.686	VV	4880	63276	1.14%	0.058%
112	7.700	7.686	7.717	VV	5043	85164	1.53%	0.078%
113	7.734	7.717	7.750	VV	5968	88992	1.60%	0.081%
114	7.800	7.750	7.828	VV	31205	462566	8.31%	0.424%
115	7.861	7.828	7.870	VV	7193	148095	2.66%	0.136%
116	7.890	7.870	7.918	VV	8316	169086	3.04%	0.155%
117	7.928	7.918	7.939	VV	3338	39528	0.71%	0.036%
118	7.978	7.939	8.003	VV	9614	182788	3.28%	0.167%
119	8.033	8.003	8.087	VV	7756	184535	3.31%	0.169%
120	8.172	8.159	8.186	VV	3437	46681	0.84%	0.043%
121	8.202	8.186	8.214	VV	3728	53955	0.97%	0.049%
122	8.231	8.214	8.250	VV	5447	87642	1.57%	0.080%
123	8.265	8.250	8.278	VV	3703	56064	1.01%	0.051%
124	8.286	8.278	8.307	VV	3835	50948	0.92%	0.047%
125	8.332	8.307	8.352	VV	4826	75074	1.35%	0.069%
126	8.392	8.352	8.420	VV	11185	212115	3.81%	0.194%
127	8.440	8.420	8.470	VV	5243	95795	1.72%	0.088%
128	8.504	8.470	8.547	VV	14810	297007	5.33%	0.272%
129	8.567	8.547	8.581	VV	1457	27532	0.49%	0.025%
130	8.612	8.581	8.628	VV	22932	274198	4.92%	0.251%
131	8.640	8.628	8.660	VV	12295	133302	2.39%	0.122%
132	8.684	8.660	8.714	VV	11144	154477	2.77%	0.141%
133	8.731	8.714	8.747	VV	1670	25653	0.46%	0.023%
134	8.777	8.747	8.841	VV	6419	154905	2.78%	0.142%
135	8.855	8.841	8.870	VV	1728	20907	0.38%	0.019%
136	8.890	8.870	8.926	VV	4806	61921	1.11%	0.057%
137	8.941	8.926	8.957	VV	1074	13583	0.24%	0.012%
138	9.063	9.034	9.079	VV	1300	28356	0.51%	0.026%
139	9.100	9.079	9.123	VV	2563	43666	0.78%	0.040%
140	9.155	9.123	9.193	VV	5547	147369	2.65%	0.135%
141	9.226	9.193	9.251	VV	3926	82720	1.49%	0.076%

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142	9.288	9.251	9.320	VV	1205	40112	0.72%	0.037%
143	9.340	9.320	9.360	VV	3969	50084	0.90%	0.046%
144	9.375	9.360	9.398	VV	2111	27709	0.50%	0.025%
145	9.416	9.398	9.445	VV	2469	43982	0.79%	0.040%
146	9.466	9.445	9.484	VV	2549	33034	0.59%	0.030%
147	9.514	9.484	9.538	VV	8550	107859	1.94%	0.099%
148	9.552	9.538	9.591	VV	3587	47562	0.85%	0.044%
149	9.603	9.591	9.637	VV	346	6530	0.12%	0.006%
150	9.670	9.637	9.686	VV	2854	33182	0.60%	0.030%
151	9.701	9.686	9.737	VV	2782	30868	0.55%	0.028%
152	9.754	9.737	9.767	VV	312	3300	0.06%	0.003%
153	9.807	9.767	9.832	PV	2538	40285	0.72%	0.037%
154	9.848	9.832	9.862	VV	460	6091	0.11%	0.006%
155	9.891	9.862	9.908	VV	3637	45913	0.82%	0.042%
156	9.916	9.908	9.940	VV	1546	18742	0.34%	0.017%
157	9.972	9.940	10.005	VV	3964	75465	1.36%	0.069%
158	10.042	10.005	10.057	VV	1345	31636	0.57%	0.029%
159	10.072	10.057	10.088	VV	1805	24503	0.44%	0.022%
160	10.100	10.088	10.121	VV	1451	20662	0.37%	0.019%
161	10.170	10.121	10.198	VV	50997	530425	9.53%	0.486%
162	10.217	10.198	10.245	VV	1441	30825	0.55%	0.028%
163	10.265	10.245	10.281	VV	1203	20419	0.37%	0.019%
164	10.300	10.281	10.355	VV	5120	76521	1.37%	0.070%
165	10.368	10.355	10.390	VV	398	6478	0.12%	0.006%
166	10.411	10.390	10.444	VV	574	10484	0.19%	0.010%
167	10.479	10.444	10.521	VV	899	19208	0.34%	0.018%
168	10.533	10.521	10.558	VV	179	2019	0.04%	0.002%
169	10.580	10.558	10.598	PV	338	4374	0.08%	0.004%
170	10.609	10.598	10.618	VV	131	1432	0.03%	0.001%
171	10.646	10.618	10.670	VV	7776	87895	1.58%	0.080%
172	10.691	10.670	10.713	VV	2093	30734	0.55%	0.028%
173	10.742	10.713	10.764	VV	5028	84510	1.52%	0.077%
174	10.777	10.764	10.802	VV	3081	43956	0.79%	0.040%
175	10.820	10.802	10.867	VV	2257	42113	0.76%	0.039%
176	10.894	10.867	10.930	VV	1530	35125	0.63%	0.032%
177	10.961	10.930	10.985	VV	1052	28941	0.52%	0.026%
178	10.994	10.985	11.009	VV	842	10284	0.18%	0.009%
179	11.041	11.009	11.084	VV	4302	70860	1.27%	0.065%
180	11.112	11.084	11.169	VV	2899	65059	1.17%	0.060%
181	11.187	11.169	11.220	VV	435	9546	0.17%	0.009%
182	11.265	11.220	11.277	VV	435	9338	0.17%	0.009%
183	11.302	11.277	11.334	VV	11897	128559	2.31%	0.118%
184	11.377	11.334	11.413	VV	4522	72792	1.31%	0.067%
185	11.440	11.413	11.458	VV	4772	64249	1.15%	0.059%
186	11.470	11.458	11.538	VV	2301	49490	0.89%	0.045%
187	11.556	11.538	11.568	VV	412	5740	0.10%	0.005%
188	11.607	11.568	11.634	VV	1154	26568	0.48%	0.024%
189	11.679	11.634	11.717	VV	1604	45742	0.82%	0.042%
190	11.748	11.717	11.769	VV	3106	46171	0.83%	0.042%
191	11.780	11.769	11.808	VV	563	11222	0.20%	0.010%
192	11.839	11.808	11.877	VV	2168	38482	0.69%	0.035%
193	11.903	11.877	11.927	VV	594	8293	0.15%	0.008%
194	11.957	11.927	11.980	PV	691	13566	0.24%	0.012%

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195	11.995	11.980	12.014	VV	330	4695	0.08%	0.004%
196	12.076	12.014	12.102	VV	445171	4805760	86.31%	4.400%
197	12.110	12.102	12.122	VV	3102	30426	0.55%	0.028%
198	12.139	12.122	12.158	VV	4364	59239	1.06%	0.054%
199	12.167	12.158	12.187	VV	1649	20126	0.36%	0.018%
200	12.227	12.187	12.245	VV	2934	60101	1.08%	0.055%
201	12.259	12.245	12.273	VV	2033	23996	0.43%	0.022%
202	12.290	12.273	12.342	VV	2555	36488	0.66%	0.033%
203	12.363	12.342	12.373	PV	252	3252	0.06%	0.003%
204	12.419	12.373	12.454	VV	2990	56693	1.02%	0.052%
205	12.467	12.454	12.481	VV	501	6349	0.11%	0.006%
206	12.499	12.481	12.506	VV	491	5558	0.10%	0.005%
207	12.531	12.506	12.560	VV	812	18716	0.34%	0.017%
208	12.580	12.560	12.604	VV	1530	20687	0.37%	0.019%
209	12.665	12.604	12.745	VV	39944	529204	9.50%	0.485%
210	12.758	12.745	12.767	VV	1373	15187	0.27%	0.014%
211	12.787	12.767	12.821	VV	3384	57908	1.04%	0.053%
212	12.834	12.821	12.847	VV	1335	16755	0.30%	0.015%
213	12.856	12.847	12.875	VV	941	12327	0.22%	0.011%
214	12.902	12.875	12.940	VV	1652	34024	0.61%	0.031%
215	12.959	12.940	12.967	VV	757	7701	0.14%	0.007%
216	12.982	12.967	12.990	VV	1017	10897	0.20%	0.010%
217	13.012	12.990	13.032	VV	2992	43773	0.79%	0.040%
218	13.061	13.032	13.104	VV	3870	75124	1.35%	0.069%
219	13.129	13.104	13.171	VV	25928	314311	5.64%	0.288%
220	13.183	13.171	13.201	VV	481	5544	0.10%	0.005%
221	13.285	13.201	13.300	VV	930	27322	0.49%	0.025%
222	13.318	13.300	13.376	VV	1725	43459	0.78%	0.040%
223	13.430	13.376	13.451	VV	25795	303331	5.45%	0.278%
224	13.512	13.451	13.544	VV	326500	4006780	71.96%	3.669%
225	13.562	13.544	13.588	VV	1577	29411	0.53%	0.027%
226	13.605	13.588	13.651	VV	1312	34907	0.63%	0.032%
227	13.697	13.651	13.738	VV	2537	85929	1.54%	0.079%
228	13.760	13.738	13.801	VV	2499	62500	1.12%	0.057%
229	13.827	13.801	13.845	VV	1762	32624	0.59%	0.030%
230	13.853	13.845	13.867	VV	1275	15729	0.28%	0.014%
231	13.904	13.867	13.973	VV	9530	220762	3.96%	0.202%
232	14.018	13.973	14.051	VV	8428	155235	2.79%	0.142%
233	14.127	14.051	14.149	VV	4697	124863	2.24%	0.114%
234	14.168	14.149	14.196	VV	4182	70432	1.26%	0.064%
235	14.215	14.196	14.238	VV	3073	50972	0.92%	0.047%
236	14.262	14.238	14.279	VV	3006	54866	0.99%	0.050%
237	14.298	14.279	14.318	VV	3892	66261	1.19%	0.061%
238	14.341	14.318	14.377	VV	3585	78279	1.41%	0.072%
239	14.414	14.377	14.433	VV	1746	45369	0.81%	0.042%
240	14.447	14.433	14.457	VV	1400	16949	0.30%	0.016%
241	14.498	14.457	14.542	VV	2872	101494	1.82%	0.093%
242	14.564	14.542	14.583	VV	1783	36898	0.66%	0.034%
243	14.600	14.583	14.614	VV	1668	26360	0.47%	0.024%
244	14.656	14.614	14.674	VV	2891	69242	1.24%	0.063%
245	14.708	14.674	14.740	VV	3037	98691	1.77%	0.090%
246	14.754	14.740	14.798	VV	3309	72382	1.30%	0.066%

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247	14.832	14.798	14.844	VV	2673	55284	0.99%	0.051%
248	14.858	14.844	14.877	VV	2927	49256	0.88%	0.045%
249	14.898	14.877	14.914	VV	2766	54894	0.99%	0.050%
250	14.937	14.914	14.981	VV	4961	133228	2.39%	0.122%
251	15.001	14.981	15.020	VV	6333	91952	1.65%	0.084%
252	15.058	15.020	15.097	VV	4202	137068	2.46%	0.126%
253	15.120	15.097	15.131	VV	2619	46888	0.84%	0.043%
254	15.150	15.131	15.170	VV	3296	62419	1.12%	0.057%
255	15.184	15.170	15.204	VV	2662	45486	0.82%	0.042%
256	15.218	15.204	15.241	VV	1965	37592	0.68%	0.034%
257	15.262	15.241	15.280	VV	2961	50150	0.90%	0.046%
258	15.311	15.280	15.331	VV	19315	260349	4.68%	0.238%
259	15.352	15.331	15.394	VV	20158	291465	5.23%	0.267%
260	15.417	15.394	15.439	VV	2752	60291	1.08%	0.055%
261	15.476	15.439	15.498	VV	4963	110893	1.99%	0.102%
262	15.510	15.498	15.538	VV	2684	52630	0.95%	0.048%
263	15.556	15.538	15.586	VV	2863	65215	1.17%	0.060%
264	15.621	15.586	15.641	VV	3750	90421	1.62%	0.083%
265	15.652	15.641	15.705	VV	2987	79971	1.44%	0.073%
266	15.750	15.705	15.791	VV	21679	366465	6.58%	0.336%
267	15.797	15.791	15.841	VV	2878	63484	1.14%	0.058%
268	15.909	15.841	15.924	VV	3410	107360	1.93%	0.098%
269	15.944	15.924	15.959	VV	4040	67767	1.22%	0.062%
270	15.986	15.959	16.008	VV	7610	133141	2.39%	0.122%
271	16.024	16.008	16.050	VV	3821	63934	1.15%	0.059%
272	16.070	16.050	16.088	VV	3244	54594	0.98%	0.050%
273	16.097	16.088	16.106	VV	2466	25486	0.46%	0.023%
274	16.150	16.106	16.181	VV	4959	152991	2.75%	0.140%
275	16.225	16.181	16.251	VV	3618	106634	1.92%	0.098%
276	16.271	16.251	16.293	VV	2376	49457	0.89%	0.045%
277	16.313	16.293	16.324	VV	2130	35045	0.63%	0.032%
278	16.337	16.324	16.371	VV	2087	47498	0.85%	0.043%
279	16.398	16.371	16.411	VV	2325	47590	0.85%	0.044%
280	16.432	16.411	16.474	VV	2378	70010	1.26%	0.064%
281	16.496	16.474	16.534	VV	1571	43018	0.77%	0.039%
282	16.593	16.534	16.611	VV	3475	101588	1.82%	0.093%
283	16.624	16.611	16.641	VV	2805	40945	0.74%	0.037%
284	16.658	16.641	16.671	VV	2341	36012	0.65%	0.033%
285	16.701	16.671	16.721	VV	3431	80230	1.44%	0.073%
286	16.731	16.721	16.741	VV	2617	31380	0.56%	0.029%
287	16.767	16.741	16.818	VV	4544	134346	2.41%	0.123%
288	16.873	16.818	16.892	VV	23884	375405	6.74%	0.344%
289	16.901	16.892	16.938	VV	10515	135701	2.44%	0.124%
290	16.960	16.938	16.979	VV	1536	31808	0.57%	0.029%
291	17.004	16.979	17.028	VV	5628	88888	1.60%	0.081%
292	17.042	17.028	17.085	VV	3189	78832	1.42%	0.072%
293	17.123	17.085	17.139	VV	2618	69194	1.24%	0.063%
294	17.195	17.139	17.224	VV	15504	306960	5.51%	0.281%
295	17.252	17.224	17.297	VV	17668	267200	4.80%	0.245%
296	17.353	17.297	17.373	VV	6705	140995	2.53%	0.129%
297	17.395	17.373	17.438	VV	7173	142667	2.56%	0.131%
298	17.500	17.438	17.525	VV	3318	110960	1.99%	0.102%
299	17.535	17.525	17.547	VV	1677	19811	0.36%	0.018%

rteres

300	17.565	17.547	17.574	VV	1950	29727	0.53%	0.027%
301	17.616	17.574	17.647	VV	4053	123028	2.21%	0.113%
302	17.663	17.647	17.694	VV	2420	54916	0.99%	0.050%
303	17.712	17.694	17.732	VV	2569	43926	0.79%	0.040%
304	17.756	17.732	17.767	VV	2911	44470	0.80%	0.041%
305	17.788	17.767	17.818	VV	4662	93182	1.67%	0.085%
306	17.840	17.818	17.862	VV	2157	41652	0.75%	0.038%
307	17.917	17.862	17.997	VV	3225	137789	2.47%	0.126%
308	18.025	17.997	18.061	VV	1048	24958	0.45%	0.023%
309	18.099	18.061	18.128	VV	814	20402	0.37%	0.019%
310	18.189	18.128	18.207	VV	2235	62850	1.13%	0.058%
311	18.234	18.207	18.269	VV	4109	84830	1.52%	0.078%
312	18.324	18.269	18.341	VV	2024	53515	0.96%	0.049%
313	18.354	18.341	18.368	VV	1634	21912	0.39%	0.020%
314	18.406	18.368	18.453	VV	2716	101856	1.83%	0.093%
315	18.477	18.453	18.498	VV	1751	36542	0.66%	0.033%
316	18.534	18.498	18.552	VV	4367	75341	1.35%	0.069%
317	18.593	18.552	18.606	VV	10724	177489	3.19%	0.163%
318	18.623	18.606	18.646	VV	13923	214936	3.86%	0.197%
319	18.661	18.646	18.694	VV	5862	101716	1.83%	0.093%
320	18.710	18.694	18.734	VV	1312	25054	0.45%	0.023%
321	18.760	18.734	18.775	VV	5421	78659	1.41%	0.072%
322	18.788	18.775	18.852	VV	4444	77891	1.40%	0.071%
323	18.879	18.852	18.906	PV	12602	161691	2.90%	0.148%
324	18.963	18.906	18.980	VV	1800	49439	0.89%	0.045%
325	19.011	18.980	19.038	VV	3980	68685	1.23%	0.063%
326	19.066	19.038	19.094	VV	4067	67622	1.21%	0.062%
327	19.102	19.094	19.128	VV	940	11644	0.21%	0.011%
328	19.189	19.128	19.211	VV	2851	65309	1.17%	0.060%
329	19.244	19.211	19.267	VV	1775	46258	0.83%	0.042%
330	19.278	19.267	19.295	VV	1591	21193	0.38%	0.019%
331	19.312	19.295	19.328	VV	1938	31519	0.57%	0.029%
332	19.356	19.328	19.371	VV	1820	43536	0.78%	0.040%
333	19.424	19.371	19.451	VV	7785	208449	3.74%	0.191%
334	19.477	19.451	19.507	VV	5196	142951	2.57%	0.131%
335	19.558	19.507	19.614	VV	4038	184431	3.31%	0.169%
336	19.669	19.614	19.697	VV	3322	126743	2.28%	0.116%
337	19.719	19.697	19.784	VV	2889	126453	2.27%	0.116%
338	19.795	19.784	19.810	VV	2464	34466	0.62%	0.032%
339	19.856	19.810	19.881	VV	4744	144814	2.60%	0.133%
340	19.900	19.881	19.937	VV	3954	120648	2.17%	0.110%
341	19.963	19.937	19.998	VV	5698	155723	2.80%	0.143%
342	20.036	19.998	20.066	VV	10153	246329	4.42%	0.226%
343	20.101	20.066	20.131	VV	8611	242245	4.35%	0.222%
344	20.151	20.131	20.172	VV	5864	131165	2.36%	0.120%
345	20.195	20.172	20.208	VV	5936	119831	2.15%	0.110%
346	20.230	20.208	20.260	VV	7099	189498	3.40%	0.174%
347	20.324	20.260	20.348	VV	6465	288116	5.17%	0.264%
348	20.414	20.348	20.438	VV	11634	411792	7.40%	0.377%
349	20.480	20.438	20.496	VV	8998	274131	4.92%	0.251%
350	20.506	20.496	20.525	VV	8183	138928	2.50%	0.127%
351	20.556	20.525	20.578	VV	9548	269611	4.84%	0.247%

rteres

352	20.592	20.578	20.621	VV	8628	210708	3.78%	0.193%
353	20.685	20.621	20.711	VV	8448	422093	7.58%	0.386%
354	20.764	20.711	20.800	VV	9273	439562	7.89%	0.402%
355	20.842	20.800	20.861	VV	8670	295680	5.31%	0.271%
356	20.873	20.861	20.887	VV	8369	125807	2.26%	0.115%
357	20.962	20.887	21.046	VV	8883	783091	14.06%	0.717%
358	21.073	21.046	21.108	VV	7726	276577	4.97%	0.253%
359	21.222	21.108	21.257	VV	7338	643586	11.56%	0.589%
360	21.270	21.257	21.342	VV	6978	329963	5.93%	0.302%
361	21.374	21.342	21.407	VV	6614	238422	4.28%	0.218%
362	21.418	21.407	21.434	VV	5634	90813	1.63%	0.083%
363	21.455	21.434	21.545	VV	5816	336724	6.05%	0.308%
364	21.563	21.545	21.621	VV	4344	177526	3.19%	0.163%
365	21.650	21.621	21.661	VV	3704	85877	1.54%	0.079%
366	21.684	21.661	21.708	VV	3886	101971	1.83%	0.093%
367	21.766	21.708	21.797	VV	3982	195074	3.50%	0.179%
368	21.859	21.797	21.979	VV	5082	373427	6.71%	0.342%
369	21.990	21.979	22.004	VV	2346	31214	0.56%	0.029%
370	22.035	22.004	22.058	VV	2380	69557	1.25%	0.064%
371	22.085	22.058	22.143	VV	2616	98985	1.78%	0.091%
372	22.175	22.143	22.223	VV	2194	66512	1.19%	0.061%
373	22.265	22.223	22.293	VV	2280	55133	0.99%	0.050%
374	22.326	22.293	22.346	VV	1373	35531	0.64%	0.033%
375	22.369	22.346	22.394	VV	1593	33867	0.61%	0.031%
376	22.415	22.394	22.452	VV	1135	24141	0.43%	0.022%
377	22.483	22.452	22.498	PV	112	2209	0.04%	0.002%

Sum of corrected areas: 109214340

Aliphatic EPH 062725.M Thu Jul 03 05:46:44 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069356.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 16:50
Operator : YP/AJ
Sample : PB168702BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168702BL

Integration File: autoint1.e
Quant Time: Jul 03 02:11:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.678	5930322	34.327 ug/ml
Spiked Amount 50.000		Recovery = 68.65%	
12) S 1-chlorooctadecane (S...	13.113	4638335	35.504 ug/ml
Spiked Amount 50.000		Recovery = 71.01%	
Target Compounds			

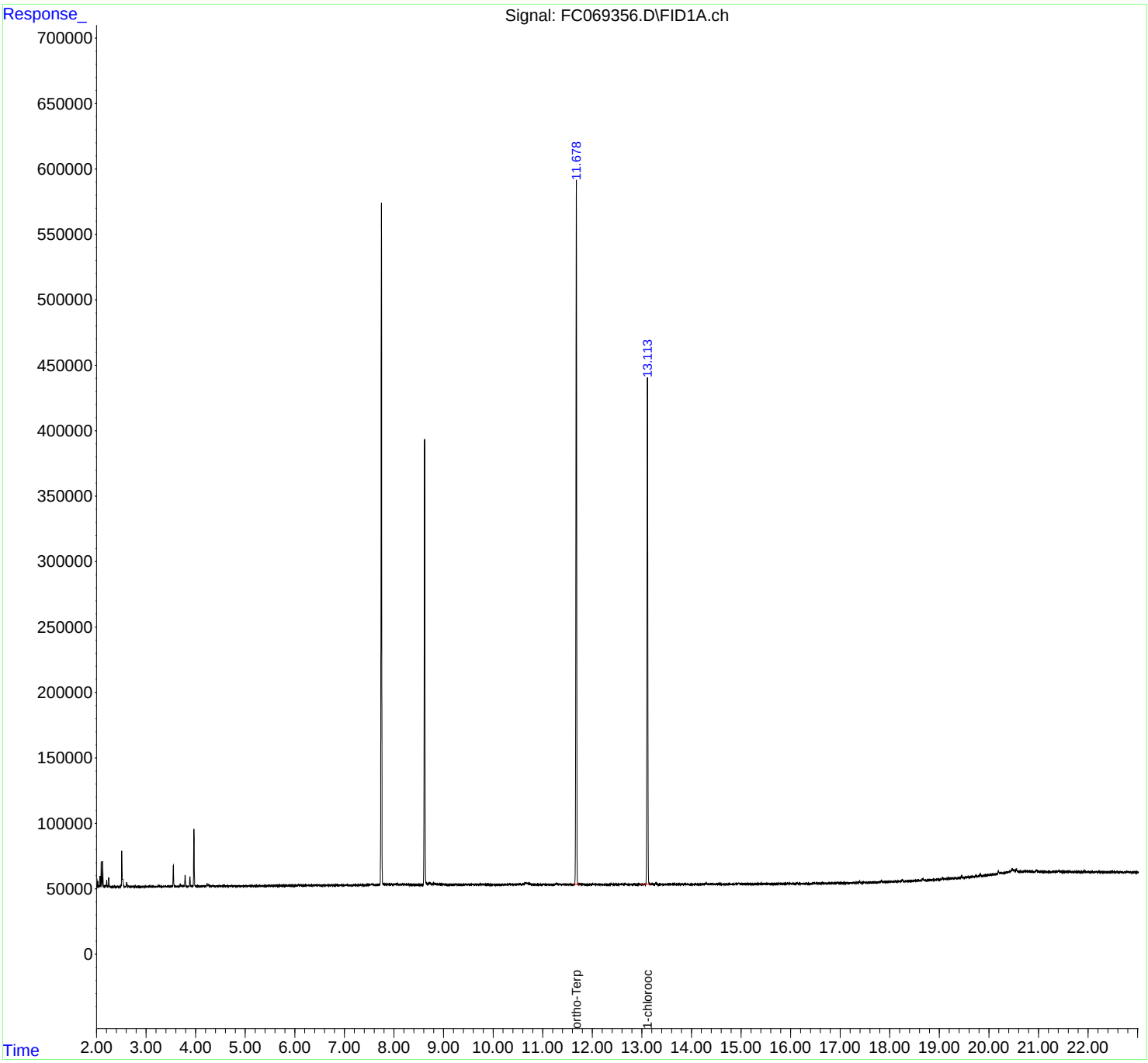
(f)=RT Delta > 1/2 Window (m)=manual int.

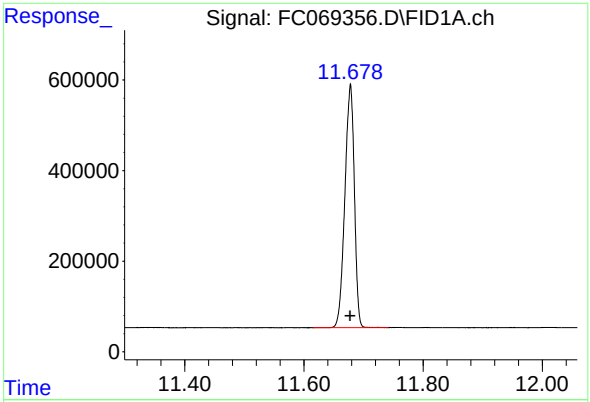
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069356.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 16:50
Operator : YP/AJ
Sample : PB168702BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168702BL

Integration File: autoint1.e
Quant Time: Jul 03 02:11:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

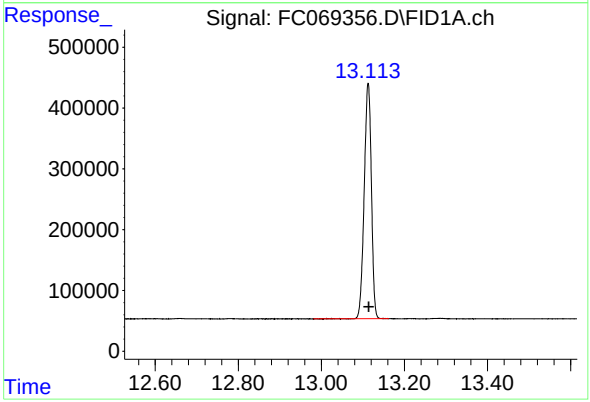




#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 5930322
Conc: 34.33 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168702BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.113 min
Delta R.T.: -0.002 min
Response: 4638335
Conc: 35.50 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069356.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 16:50
Sample : PB168702BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.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	11.678	11.615	11.742	BB	532425	5930322	100.00%	56.112%
2	13.113	12.980	13.162	BB	388000	4638335	78.21%	43.888%
			Sum of corrected areas:			10568657		

Aliphatic EPH 061825.M Thu Jul 03 02:39:58 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069357.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 17:37
Operator : YP/AJ
Sample : PB168702BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168702BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025

Integration File: autoint1.e
Quant Time: Jul 03 02:11:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.678	6323173	36.601 ug/ml
Spiked Amount	50.000		Recovery =	73.20%
12) S	1-chlorooctadecane (S...	13.113	4959307	37.961 ug/ml
Spiked Amount	50.000		Recovery =	75.92%
	Target Compounds			
1) T	n-Nonane (C9)	3.416	5128019	36.057 ug/ml
2) T	n-Decane (C10)	4.484	5430472	37.095 ug/ml
3) T	A~Naphthalene (C11.7)	6.076	6793488	42.223 ug/ml
4) T	n-Dodecane (C12)	6.506	5795356	38.272 ug/ml
5) T	A~2-methylnaphthalene...	7.135	6559443	41.450 ug/ml
6) T	n-Tetradecane (C14)	8.307	6204330	40.027 ug/ml
7) T	n-Hexadecane (C16)	9.910	6427157	39.330 ug/ml
8) T	n-Octadecane (C18)	11.356	6337285	38.815 ug/ml
10) T	n-Eicosane (C20)	12.668	6329060	41.464 ug/ml
11) T	n-Heneicosane (C21)	13.281	5976266	40.547 ug/ml
13) T	n-Docosane (C22)	13.868	5822204	40.465 ug/ml
14) T	n-Tetracosane (C24)	14.967	11360581	82.364 ug/ml
15) T	n-Hexacosane (C26)	15.999	5272563	40.334 ug/ml
16) T	n-Octacosane (C28)	16.947	5021471	40.716 ug/ml
17) T	n-Tricontane (C30)	17.838	4866793	40.937 ug/ml
18) T	n-Dotriacontane (C32)	18.670	4703571	43.019 ug/ml
19) T	n-Tetratriacontane (C34)	19.455	4824256	49.958 ug/ml
20) T	n-Hexatriacontane (C36)	20.197	4566616	55.412 ug/ml
21) T	n-Octatriacontane (C38)	20.965	4561655	61.041 ug/ml
22) T	n-Tetracontane (C40)	21.933	4397072	62.091 ug/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.

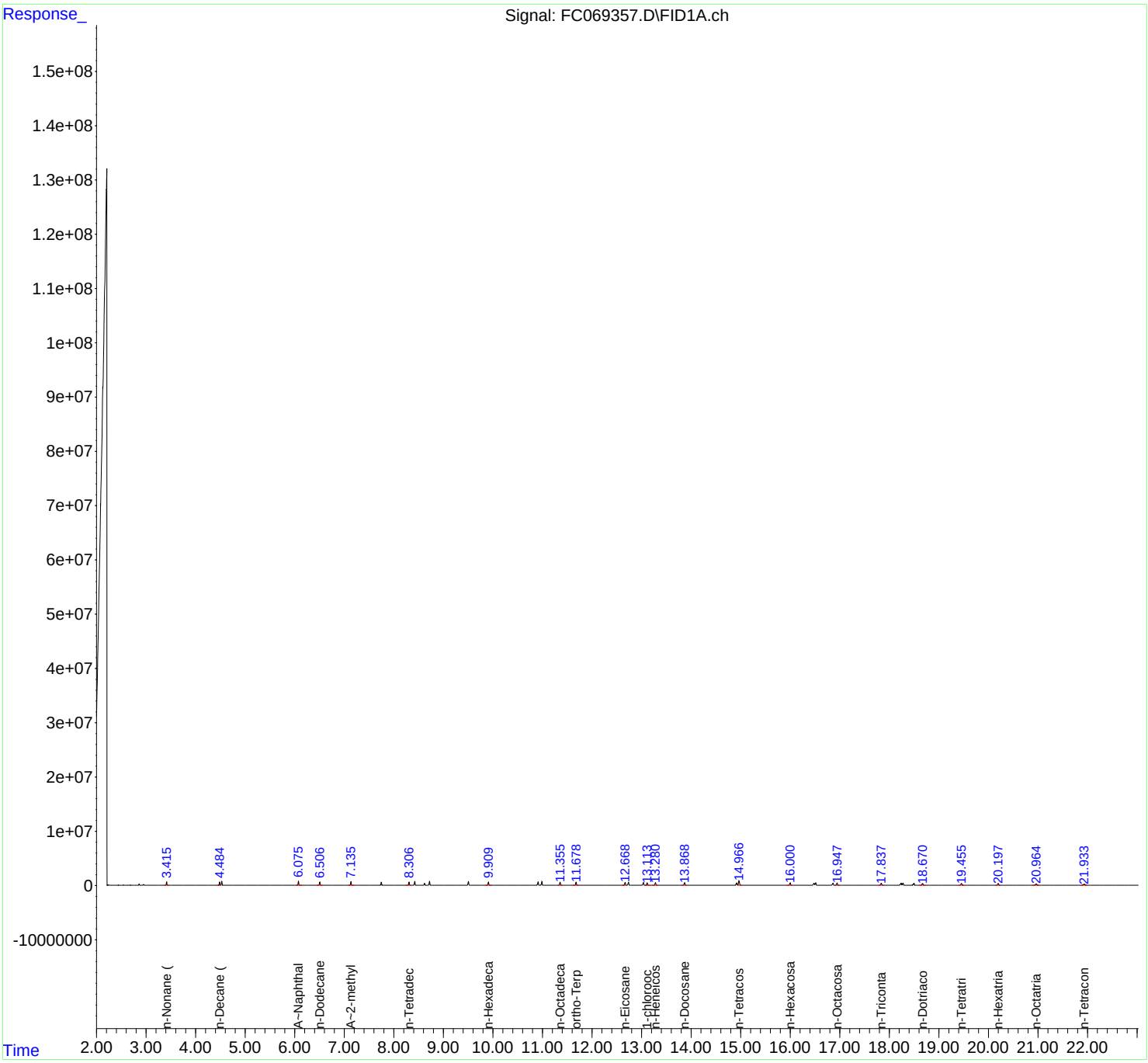
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069357.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 17:37
Operator : YP/AJ
Sample : PB168702BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168702BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025

Integration File: autoint1.e
Quant Time: Jul 03 02:11:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Instrument :
FID_C
ClientSampleId :
PB168702BS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC07022
Data File : FC069357.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 17:37
Sample : PB168702BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.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	3.416	3.363	3.460	BB	619971	5128019	45.14%	2.326%
2	4.484	4.432	4.506	BV	602076	5430472	47.80%	2.463%
3	4.528	4.506	4.571	VV	708326	6200926	54.58%	2.813%
4	6.076	6.020	6.143	BB	729351	6793488	59.80%	3.082%
5	6.506	6.442	6.562	BB	590319	5795356	51.01%	2.629%
6	7.135	7.085	7.202	BB	674706	6559443	57.74%	2.976%
7	8.307	8.240	8.347	BB	604199	6204330	54.61%	2.815%
8	8.422	8.358	8.472	BB	710252	7223581	63.58%	3.277%
9	8.721	8.680	8.762	BB	699076	7253721	63.85%	3.291%
10	9.506	9.433	9.577	BB	682680	7329528	64.52%	3.325%
11	9.910	9.842	9.972	BB	576209	6427157	56.57%	2.916%
12	10.913	10.830	10.949	BV	623086	6938504	61.08%	3.148%
13	10.989	10.949	11.040	PV	640238	6899655	60.73%	3.130%
14	11.356	11.310	11.402	BB	562254	6337285	55.78%	2.875%
15	11.678	11.610	11.730	BB	577230	6323173	55.66%	2.868%
16	12.668	12.605	12.699	BV	536921	6329060	55.71%	2.871%
17	12.737	12.699	12.783	VB	547248	6414411	56.46%	2.910%
18	13.037	12.962	13.065	BV	536920	6348533	55.88%	2.880%
19	13.113	13.065	13.167	VB	432628	4959307	43.65%	2.250%
20	13.281	13.212	13.332	BB	483954	5976266	52.61%	2.711%
21	13.868	13.802	13.912	BB	472853	5822204	51.25%	2.641%
22	14.920	14.850	14.939	BV	443453	5831750	51.33%	2.646%
23	14.967	14.939	15.023	VB	813040	11360581	100.00%	5.154%
24	15.999	15.930	16.048	BB	406694	5272563	46.41%	2.392%
25	16.480	16.402	16.496	BV	367010	5532170	48.70%	2.510%
26	16.516	16.496	16.563	VB	462481	5485749	48.29%	2.489%
27	16.864	16.787	16.898	BV	390544	5353431	47.12%	2.429%
28	16.947	16.898	16.992	VB	382334	5021471	44.20%	2.278%
29	17.838	17.780	17.897	BB	358007	4866793	42.84%	2.208%
30	18.239	18.160	18.253	BV	385822	5678741	49.99%	2.576%
31	18.277	18.253	18.340	VB	391863	5240760	46.13%	2.377%
32	18.498	18.423	18.550	BB	366429	5125555	45.12%	2.325%
33	18.670	18.605	18.732	BB	333372	4703571	41.40%	2.134%
34	19.455	19.400	19.508	BB	332595	4824256	42.46%	2.188%
35	20.197	20.140	20.238	BB	329442	4566616	40.20%	2.072%
36	20.965	20.883	21.020	BB	240288	4561655	40.15%	2.069%

Instrument :
FID_C
ClientSampleId :
PB168702BS

rteres
37 21.934 21.880 22.027 BB 188781 4319306 38.02% 1.959%
Sum of corrected areas: 220

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025

Aliphatic EPH 061825.M Thu Jul 03 02:41:35 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069358.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 18:27
Operator : YP/AJ
Sample : PB168702BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB168702BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025

Integration File: autoint1.e
Quant Time: Jul 03 02:11:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.678	6140865	35.546 ug/ml
Spiked Amount	50.000		Recovery =	71.09%
12)	S 1-chlorooctadecane (S...	13.114	4844779	37.084 ug/ml
Spiked Amount	50.000		Recovery =	74.17%
	Target Compounds			
1)	T n-Nonane (C9)	3.417	5011591	35.239 ug/ml
2)	T n-Decane (C10)	4.485	5303546	36.228 ug/ml
3)	T A~Naphthalene (C11.7)	6.076	6596032	40.996 ug/ml
4)	T n-Dodecane (C12)	6.506	5634924	37.213 ug/ml
5)	T A~2-methylnaphthalene...	7.135	6353544	40.149 ug/ml
6)	T n-Tetradecane (C14)	8.307	6004455	38.737 ug/ml
7)	T n-Hexadecane (C16)	9.910	6213630	38.023 ug/ml
8)	T n-Octadecane (C18)	11.356	6125081	37.515 ug/ml
10)	T n-Eicosane (C20)	12.668	6159761	40.355 ug/ml
11)	T n-Heneicosane (C21)	13.280	5832995	39.574 ug/ml
13)	T n-Docosane (C22)	13.868	5706634	39.662 ug/ml
14)	T n-Tetracosane (C24)	14.966	11215399	81.312 ug/ml
15)	T n-Hexacosane (C26)	15.997	5225976	39.977 ug/ml
16)	T n-Octacosane (C28)	16.947	4989993	40.461 ug/ml
17)	T n-Tricontane (C30)	17.838	4835214	40.672 ug/ml
18)	T n-Dotriacontane (C32)	18.670	4670354	42.715 ug/ml
19)	T n-Tetratriacontane (C34)	19.455	4788543	49.588 ug/ml
20)	T n-Hexatriacontane (C36)	20.197	4531299	54.983 ug/ml
21)	T n-Octatriacontane (C38)	20.966	4518906	60.469 ug/ml
22)	T n-Tetracontane (C40)	21.932	4336898	61.242 ug/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069358.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 18:27
Operator : YP/AJ
Sample : PB168702BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

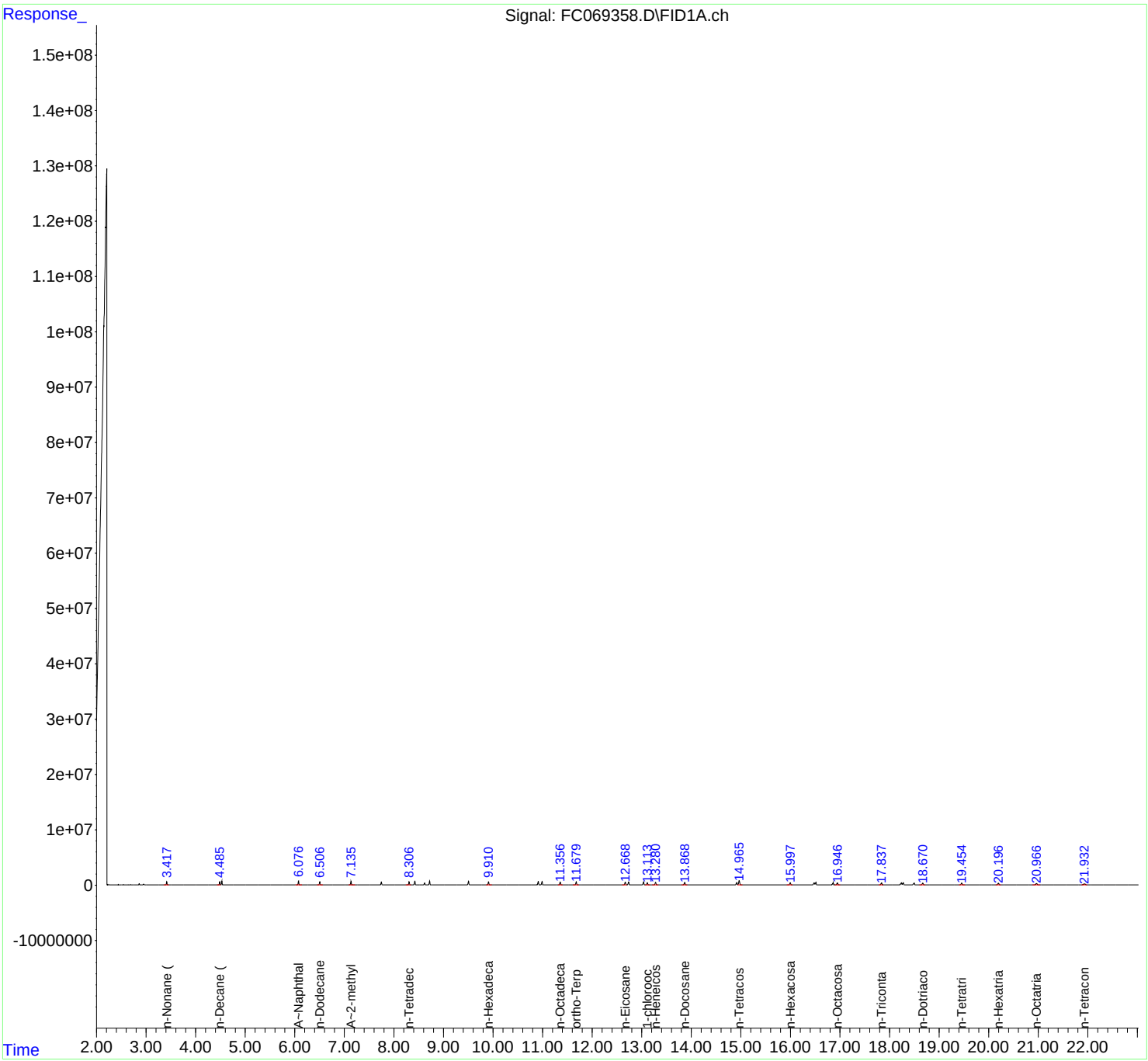
Integration File: autoint1.e
Quant Time: Jul 03 02:11:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_C
ClientSampleId :
PB168702BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025



Instrument :
FID_C
ClientSampleId :
PB168702BSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC07022
Data File : FC069358.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 18:27
Sample : PB168702BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.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	3.417	3.355	3.459	BB	605299	5011591	44.68%	2.321%
2	4.485	4.430	4.506	BV	598216	5303546	47.29%	2.457%
3	4.529	4.506	4.572	VV	684999	6045727	53.91%	2.801%
4	6.076	6.014	6.145	BB	717237	6596032	58.81%	3.055%
5	6.506	6.449	6.565	BB	588640	5634924	50.24%	2.610%
6	7.135	7.087	7.215	BB	656523	6353544	56.65%	2.943%
7	8.307	8.240	8.345	BB	577235	6004455	53.54%	2.781%
8	8.422	8.357	8.472	BB	689319	6977388	62.21%	3.232%
9	8.720	8.677	8.759	BB	708210	7004873	62.46%	3.245%
10	9.506	9.437	9.577	BB	673046	7085512	63.18%	3.282%
11	9.910	9.860	9.975	BB	570695	6213630	55.40%	2.878%
12	10.913	10.827	10.949	BV	625035	6757072	60.25%	3.130%
13	10.989	10.949	11.045	PV	608255	6727715	59.99%	3.116%
14	11.356	11.310	11.404	BB	529830	6125081	54.61%	2.837%
15	11.678	11.609	11.732	BB	558357	6140865	54.75%	2.845%
16	12.668	12.607	12.699	BV	502893	6159761	54.92%	2.853%
17	12.737	12.699	12.799	VB	541835	6312839	56.29%	2.924%
18	13.038	12.964	13.065	BV	556356	6246705	55.70%	2.894%
19	13.114	13.065	13.165	VB	402094	4844779	43.20%	2.244%
20	13.280	13.210	13.335	BB	475162	5832995	52.01%	2.702%
21	13.868	13.805	13.920	BB	458763	5706634	50.88%	2.643%
22	14.918	14.845	14.938	BV	444357	5756688	51.33%	2.667%
23	14.966	14.938	15.030	VB	763686	11215399	100.00%	5.195%
24	15.997	15.925	16.044	BB	382308	5225976	46.60%	2.421%
25	16.480	16.404	16.495	BV	359704	5450637	48.60%	2.525%
26	16.515	16.495	16.564	VB	466945	5417134	48.30%	2.509%
27	16.863	16.785	16.894	BV	394327	5280479	47.08%	2.446%
28	16.947	16.894	17.004	VB	364609	4989993	44.49%	2.311%
29	17.838	17.780	17.874	BB	361247	4835214	43.11%	2.240%
30	18.238	18.159	18.254	BV	379571	5621792	50.13%	2.604%
31	18.277	18.254	18.345	VB	409382	5165700	46.06%	2.393%
32	18.497	18.412	18.555	BB	347086	5056103	45.08%	2.342%
33	18.670	18.602	18.715	BB	333162	4670354	41.64%	2.163%
34	19.455	19.400	19.519	BB	344162	4788543	42.70%	2.218%
35	20.197	20.140	20.247	BB	302667	4531299	40.40%	2.099%
36	20.966	20.884	21.040	BB	234781	4518906	40.29%	2.093%

Instrument :
FID_C
ClientSampleId :
PB168702BSD

rteres

37 21.932 21.880 22.005 BB 176949 4269726 38.07% 1.978%

Sum of corrected areas: 2158

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025

Aliphatic EPH 061825.M Thu Jul 03 02:43:32 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069361.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 20:47
Operator : YP/AJ
Sample : Q2478-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC-1MS

Integration File: autoint1.e
Quant Time: Jul 03 02:12:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.678	4023882	23.292 ug/ml
Spiked Amount	50.000		Recovery =	46.58%
12) S	1-chlorooctadecane (S...	13.114	3175165	24.304 ug/ml
Spiked Amount	50.000		Recovery =	48.61%
	Target Compounds			
1) T	n-Nonane (C9)	3.408	3661923	25.749 ug/ml
2) T	n-Decane (C10)	4.481	4091672	27.949 ug/ml
3) T	A~Naphthalene (C11.7)	6.076	5209195	32.376 ug/ml
4) T	n-Dodecane (C12)	6.506	4479398	29.582 ug/ml
5) T	A~2-methylnaphthalene...	7.136	5098592	32.219 ug/ml
6) T	n-Tetradecane (C14)	8.307	4855780	31.327 ug/ml
7) T	n-Hexadecane (C16)	9.911	5244393	32.092 ug/ml
8) T	n-Octadecane (C18)	11.356	5256574	32.195 ug/ml
10) T	n-Eicosane (C20)	12.668	5277506	34.575 ug/ml
11) T	n-Heneicosane (C21)	13.280	4973871	33.746 ug/ml
13) T	n-Docosane (C22)	13.869	4856629	33.754 ug/ml
14) T	n-Tetracosane (C24)	14.967	9373274	67.956 ug/ml
15) T	n-Hexacosane (C26)	15.998	4448093	34.027 ug/ml
16) T	n-Octacosane (C28)	16.948	4273455	34.651 ug/ml
17) T	n-Tricontane (C30)	17.839	4182235	35.179 ug/ml
18) T	n-Dotriacontane (C32)	18.673	4116549	37.650 ug/ml
19) T	n-Tetratriacontane (C34)	19.458	4219783	43.698 ug/ml
20) T	n-Hexatriacontane (C36)	20.199	4171089	50.612 ug/ml
21) T	n-Octatriacontane (C38)	20.969	4346348	58.160 ug/ml
22) T	n-Tetracontane (C40)	21.939	4127966	58.291 ug/ml

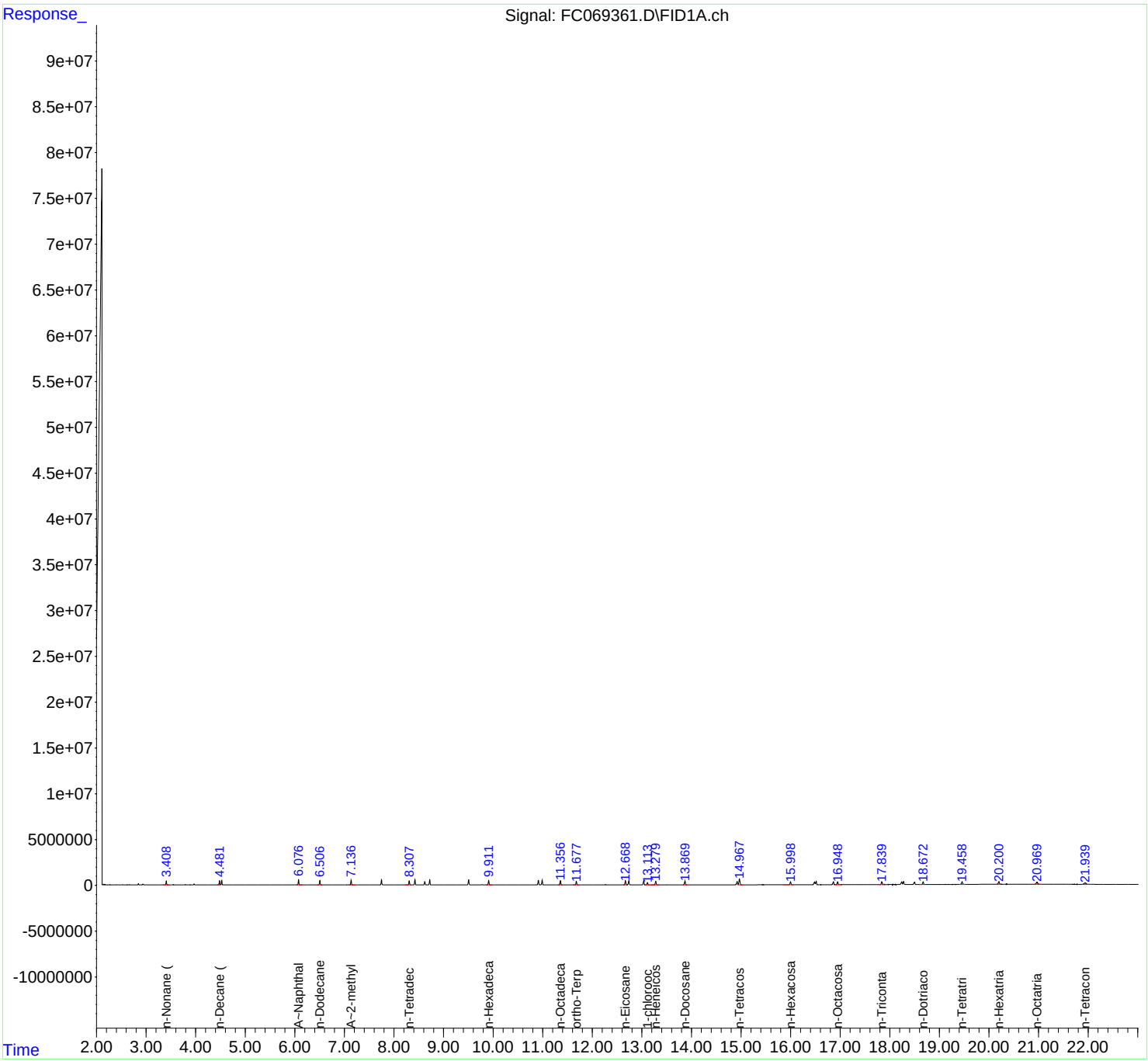
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069361.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 20:47
Operator : YP/AJ
Sample : Q2478-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC-1MS

Integration File: autoint1.e
Quant Time: Jul 03 02:12:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069361.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 20:47
Sample : Q2478-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.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	3.247	3.205	3.277	BV	3351	36073	0.38%	0.015%
2	3.288	3.277	3.343	VV	555	11319	0.12%	0.005%
3	3.408	3.343	3.475	VV	441268	3679867	39.19%	1.572%
4	3.484	3.475	3.499	VV	450	5890	0.06%	0.003%
5	3.511	3.499	3.524	VV	476	5588	0.06%	0.002%
6	3.555	3.524	3.598	VV	35262	285309	3.04%	0.122%
7	3.608	3.598	3.617	VV	270	2340	0.02%	0.001%
8	3.629	3.617	3.662	VV	416	5919	0.06%	0.003%
9	3.685	3.662	3.714	VV	5194	80442	0.86%	0.034%
10	3.726	3.714	3.745	VV	1940	19587	0.21%	0.008%
11	3.763	3.745	3.774	VV	1775	17693	0.19%	0.008%
12	3.793	3.774	3.871	VV	26280	213281	2.27%	0.091%
13	3.890	3.871	3.932	PV	21613	180029	1.92%	0.077%
14	3.970	3.932	4.038	VV	96482	794560	8.46%	0.339%
15	4.054	4.038	4.069	VV	487	6208	0.07%	0.003%
16	4.082	4.069	4.097	VV	489	5688	0.06%	0.002%
17	4.111	4.097	4.167	VV	436	10669	0.11%	0.005%
18	4.235	4.167	4.252	VV	6005	75603	0.81%	0.032%
19	4.265	4.252	4.332	VV	4362	42324	0.45%	0.018%
20	4.352	4.332	4.384	VV	1827	18499	0.20%	0.008%
21	4.407	4.384	4.447	VV	140	3004	0.03%	0.001%
22	4.481	4.447	4.503	PV	465517	4093316	43.60%	1.748%
23	4.525	4.503	4.569	VV	527133	4580273	48.78%	1.956%
24	4.586	4.569	4.608	VV	4309	42670	0.45%	0.018%
25	4.632	4.608	4.671	VV	7163	68250	0.73%	0.029%
26	4.696	4.671	4.710	VV	130	2462	0.03%	0.001%
27	4.730	4.710	4.755	VV	396	5675	0.06%	0.002%
28	4.764	4.755	4.779	VV	207	1882	0.02%	0.001%
29	4.786	4.779	4.795	VV	110	843	0.01%	0.000%
30	4.814	4.795	4.840	PV	234	3690	0.04%	0.002%
31	4.857	4.840	4.875	VV	224	3350	0.04%	0.001%
32	4.902	4.875	4.944	VV	287	7004	0.07%	0.003%
33	4.956	4.944	4.979	VV	223	3352	0.04%	0.001%
34	5.035	4.979	5.060	VV	295	7559	0.08%	0.003%
35	5.071	5.060	5.104	VV	190	3737	0.04%	0.002%
36	5.122	5.104	5.185	VV	242	6396	0.07%	0.003%

rteres

37	5.203	5.185	5.215	VV	202	2025	0.02%	0.001%
38	5.226	5.215	5.242	VV	214	2196	0.02%	0.001%
39	5.273	5.242	5.292	VV	536	8317	0.09%	0.004%
40	5.302	5.292	5.318	VV	300	3645	0.04%	0.002%
41	5.337	5.318	5.359	VV	517	6862	0.07%	0.003%
42	5.395	5.359	5.450	VV	202	6186	0.07%	0.003%
43	5.520	5.450	5.536	PV	1462	18540	0.20%	0.008%
44	5.546	5.536	5.602	VV	623	10961	0.12%	0.005%
45	5.622	5.602	5.665	VV	500	8111	0.09%	0.003%
46	5.711	5.665	5.730	VV	261	5522	0.06%	0.002%
47	5.768	5.730	5.785	VV	410	6723	0.07%	0.003%
48	5.813	5.785	5.851	VV	240	5292	0.06%	0.002%
49	5.863	5.851	5.891	VV	193	2406	0.03%	0.001%
50	5.912	5.891	5.955	VV	282	5791	0.06%	0.002%
51	5.974	5.955	5.997	VV	199	3629	0.04%	0.002%
52	6.031	5.997	6.043	VV	276	4549	0.05%	0.002%
53	6.076	6.043	6.150	VV	559199	5221419	55.61%	2.230%
54	6.161	6.150	6.200	VV	368	7482	0.08%	0.003%
55	6.219	6.200	6.278	VV	378	9359	0.10%	0.004%
56	6.285	6.278	6.306	VV	179	2438	0.03%	0.001%
57	6.315	6.306	6.326	VV	175	1897	0.02%	0.001%
58	6.349	6.326	6.368	VV	529	7353	0.08%	0.003%
59	6.400	6.368	6.416	VV	348	7569	0.08%	0.003%
60	6.448	6.416	6.474	VV	252	5826	0.06%	0.002%
61	6.506	6.474	6.557	VV	465697	4488608	47.81%	1.917%
62	6.574	6.557	6.628	VV	738	12697	0.14%	0.005%
63	6.654	6.628	6.735	VV	517	10560	0.11%	0.005%
64	6.741	6.735	6.759	VV	101	808	0.01%	0.000%
65	6.798	6.759	6.817	PV	140	2644	0.03%	0.001%
66	6.828	6.817	6.858	VV	165	1911	0.02%	0.001%
67	6.865	6.858	6.878	VV	88	662	0.01%	0.000%
68	6.923	6.878	6.944	VV	337	7302	0.08%	0.003%
69	6.978	6.944	7.018	VV	4618	47199	0.50%	0.020%
70	7.041	7.018	7.095	VV	10759	106228	1.13%	0.045%
71	7.136	7.095	7.197	PV	515840	5104392	54.37%	2.180%
72	7.207	7.197	7.247	VV	356	6902	0.07%	0.003%
73	7.271	7.247	7.296	VV	1956	24915	0.27%	0.011%
74	7.325	7.296	7.373	VV	2181	41738	0.44%	0.018%
75	7.401	7.373	7.413	VV	940	13037	0.14%	0.006%
76	7.429	7.413	7.463	VV	1573	19906	0.21%	0.009%
77	7.481	7.463	7.509	VV	346	7361	0.08%	0.003%
78	7.522	7.509	7.555	VV	337	5254	0.06%	0.002%
79	7.563	7.555	7.588	VV	133	1683	0.02%	0.001%
80	7.608	7.588	7.629	VV	742	8150	0.09%	0.003%
81	7.646	7.629	7.680	VV	272	5136	0.05%	0.002%
82	7.856	7.817	7.872	VV	582	13493	0.14%	0.006%
83	7.885	7.872	7.938	VV	545	11497	0.12%	0.005%
84	7.961	7.938	7.972	VV	213	2933	0.03%	0.001%
85	7.998	7.972	8.030	VV	1317	18820	0.20%	0.008%
86	8.055	8.030	8.103	VV	1033	21303	0.23%	0.009%
87	8.126	8.103	8.144	VV	598	10597	0.11%	0.005%
88	8.166	8.144	8.178	VV	463	8211	0.09%	0.004%
89	8.208	8.178	8.225	VV	606	13575	0.14%	0.006%

rteres

90	8.232	8.225	8.247	VV	483	5201	0.06%	0.002%
91	8.307	8.247	8.345	VV	451903	4870559	51.88%	2.080%
92	8.357	8.345	8.377	VV	335	4537	0.05%	0.002%
93	8.423	8.377	8.461	VV	587270	5627440	59.94%	2.404%
94	8.476	8.461	8.519	VV	483	12530	0.13%	0.005%
95	8.533	8.519	8.562	VV	384	5162	0.05%	0.002%
96	8.721	8.688	8.758	VV	566764	5732354	61.06%	2.448%
97	8.769	8.758	8.817	VV	818	17197	0.18%	0.007%
98	8.839	8.817	8.893	VV	758	13757	0.15%	0.006%
99	8.922	8.893	8.955	VV	388	10153	0.11%	0.004%
100	8.959	8.955	8.965	VV	303	1616	0.02%	0.001%
101	8.989	8.965	9.007	VV	1696	23156	0.25%	0.010%
102	9.019	9.007	9.093	VV	1077	23891	0.25%	0.010%
103	9.127	9.093	9.152	VV	1007	13454	0.14%	0.006%
104	9.165	9.152	9.208	VV	219	3304	0.04%	0.001%
105	9.221	9.208	9.261	VV	98	1237	0.01%	0.001%
106	9.291	9.261	9.301	PV	170	2357	0.03%	0.001%
107	9.313	9.301	9.352	VV	179	2387	0.03%	0.001%
108	9.370	9.352	9.401	VV	234	3816	0.04%	0.002%
109	9.424	9.401	9.444	VV	294	5014	0.05%	0.002%
110	9.506	9.444	9.564	VV	573925	5891106	62.75%	2.516%
111	9.578	9.564	9.611	VV	489	10161	0.11%	0.004%
112	9.650	9.611	9.664	VV	547	11979	0.13%	0.005%
113	9.686	9.664	9.698	VV	2194	27244	0.29%	0.012%
114	9.717	9.698	9.753	VV	8080	94315	1.00%	0.040%
115	9.778	9.753	9.831	VV	30527	321468	3.42%	0.137%
116	9.842	9.831	9.871	VV	692	9814	0.10%	0.004%
117	9.911	9.871	9.977	VV	481362	5259675	56.02%	2.247%
118	9.999	9.977	10.073	VV	416	10020	0.11%	0.004%
119	10.087	10.073	10.110	VV	132	1359	0.01%	0.001%
120	10.147	10.110	10.158	VV	176	2575	0.03%	0.001%
121	10.190	10.158	10.211	VV	492	5925	0.06%	0.003%
122	10.222	10.211	10.228	PV	100	741	0.01%	0.000%
123	10.252	10.228	10.278	VV	925	10840	0.12%	0.005%
124	10.299	10.278	10.321	VV	474	6926	0.07%	0.003%
125	10.349	10.321	10.371	VV	396	8275	0.09%	0.004%
126	10.385	10.371	10.415	VV	340	5479	0.06%	0.002%
127	10.429	10.415	10.475	VV	263	5435	0.06%	0.002%
128	10.505	10.475	10.518	VV	265	3741	0.04%	0.002%
129	10.556	10.518	10.590	VV	641	13787	0.15%	0.006%
130	10.602	10.590	10.625	VV	411	4745	0.05%	0.002%
131	10.647	10.625	10.680	VV	729	10643	0.11%	0.005%
132	10.711	10.680	10.735	VV	5357	72502	0.77%	0.031%
133	10.743	10.735	10.769	VV	832	10385	0.11%	0.004%
134	10.779	10.769	10.821	VV	214	4301	0.05%	0.002%
135	10.841	10.821	10.851	VV	144	2222	0.02%	0.001%
136	10.913	10.851	10.955	VV	520538	5706464	60.78%	2.437%
137	10.989	10.955	11.045	VV	510988	5637586	60.05%	2.408%
138	11.062	11.045	11.131	VV	770	14987	0.16%	0.006%
139	11.156	11.131	11.178	VV	1316	16157	0.17%	0.007%
140	11.195	11.178	11.241	VV	2129	28397	0.30%	0.012%
141	11.252	11.241	11.258	VV	189	1327	0.01%	0.001%

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142	11.283	11.258	11.301	VV	478	6831	0.07%	0.003%
143	11.356	11.301	11.394	VV	466326	5267827	56.11%	2.250%
144	11.437	11.394	11.474	VV	712	17116	0.18%	0.007%
145	11.513	11.474	11.527	VV	301	5304	0.06%	0.002%
146	11.551	11.527	11.581	VV	290	5129	0.05%	0.002%
147	11.604	11.581	11.620	VV	201	2779	0.03%	0.001%
148	11.678	11.620	11.726	PV	366143	4040761	43.04%	1.726%
149	11.743	11.726	11.788	VV	1210	22714	0.24%	0.010%
150	11.811	11.788	11.848	VV	1202	29963	0.32%	0.013%
151	11.862	11.848	11.876	VV	1028	11594	0.12%	0.005%
152	11.892	11.876	11.932	VV	981	13056	0.14%	0.006%
153	11.960	11.932	11.990	PV	377	7811	0.08%	0.003%
154	12.023	11.990	12.051	VV	737	15936	0.17%	0.007%
155	12.072	12.051	12.094	VV	813	11335	0.12%	0.005%
156	12.114	12.094	12.155	VV	402	7259	0.08%	0.003%
157	12.181	12.155	12.217	VV	531	8647	0.09%	0.004%
158	12.269	12.217	12.345	VV	30744	385070	4.10%	0.164%
159	12.356	12.345	12.375	VV	1033	16010	0.17%	0.007%
160	12.386	12.375	12.421	VV	783	16587	0.18%	0.007%
161	12.433	12.421	12.448	VV	433	6853	0.07%	0.003%
162	12.456	12.448	12.465	VV	535	4635	0.05%	0.002%
163	12.490	12.465	12.548	VV	1384	30431	0.32%	0.013%
164	12.564	12.548	12.575	VV	449	4591	0.05%	0.002%
165	12.614	12.575	12.630	VV	896	18465	0.20%	0.008%
166	12.668	12.630	12.700	VV	454844	5286592	56.31%	2.258%
167	12.737	12.700	12.775	VV	461009	5294109	56.39%	2.261%
168	12.786	12.775	12.810	VV	574	8039	0.09%	0.003%
169	12.829	12.810	12.847	VV	155	2832	0.03%	0.001%
170	12.860	12.847	12.870	VV	228	2074	0.02%	0.001%
171	12.918	12.870	12.958	VV	4622	60636	0.65%	0.026%
172	12.966	12.958	13.001	VV	388	6805	0.07%	0.003%
173	13.038	13.001	13.066	VV	475517	5202270	55.41%	2.222%
174	13.114	13.066	13.178	VV	264298	3189445	33.97%	1.362%
175	13.220	13.178	13.241	PV	518	13548	0.14%	0.006%
176	13.280	13.241	13.318	VV	408958	4983068	53.07%	2.128%
177	13.332	13.318	13.345	VV	841	11395	0.12%	0.005%
178	13.366	13.345	13.396	VV	810	16822	0.18%	0.007%
179	13.425	13.396	13.437	VV	490	7107	0.08%	0.003%
180	13.506	13.437	13.587	VV	7124	125174	1.33%	0.053%
181	13.620	13.587	13.641	VV	1184	21389	0.23%	0.009%
182	13.659	13.641	13.678	VV	684	9663	0.10%	0.004%
183	13.708	13.678	13.749	VV	807	21589	0.23%	0.009%
184	13.769	13.749	13.791	VV	691	9519	0.10%	0.004%
185	13.817	13.791	13.831	VV	1110	15472	0.16%	0.007%
186	13.869	13.831	13.916	VV	405018	4867281	51.84%	2.079%
187	13.937	13.916	13.965	VV	593	9158	0.10%	0.004%
188	14.004	13.965	14.025	VV	366	7580	0.08%	0.003%
189	14.043	14.025	14.068	VV	1099	13854	0.15%	0.006%
190	14.099	14.068	14.131	VV	849	15713	0.17%	0.007%
191	14.143	14.131	14.160	PV	354	3504	0.04%	0.001%
192	14.197	14.160	14.215	VV	186	4039	0.04%	0.002%
193	14.229	14.215	14.241	VV	332	3788	0.04%	0.002%
194	14.260	14.241	14.278	VV	698	10647	0.11%	0.005%

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195	14.307	14.278	14.329	VV	2117	29858	0.32%	0.013%
196	14.353	14.329	14.367	VV	823	13089	0.14%	0.006%
197	14.382	14.367	14.402	VV	703	10062	0.11%	0.004%
198	14.431	14.402	14.450	VV	1669	23614	0.25%	0.010%
199	14.461	14.450	14.478	VV	649	7638	0.08%	0.003%
200	14.495	14.478	14.513	VV	528	7371	0.08%	0.003%
201	14.541	14.513	14.573	VV	657	15999	0.17%	0.007%
202	14.600	14.573	14.620	PV	940	12045	0.13%	0.005%
203	14.656	14.620	14.675	PV	903	14221	0.15%	0.006%
204	14.694	14.675	14.708	VV	641	8846	0.09%	0.004%
205	14.733	14.708	14.750	VV	385	6962	0.07%	0.003%
206	14.765	14.750	14.778	PV	347	3258	0.03%	0.001%
207	14.792	14.778	14.804	VV	297	3203	0.03%	0.001%
208	14.821	14.804	14.831	PV	338	3403	0.04%	0.001%
209	14.839	14.831	14.854	VV	241	2377	0.03%	0.001%
210	14.921	14.854	14.940	VV	356239	4788205	51.00%	2.045%
211	14.967	14.940	15.035	VV	659844	9388794	100.00%	4.010%
212	15.077	15.035	15.092	VV	661	17614	0.19%	0.008%
213	15.114	15.092	15.129	VV	686	10439	0.11%	0.004%
214	15.152	15.129	15.181	VV	563	12317	0.13%	0.005%
215	15.219	15.181	15.236	PV	707	12796	0.14%	0.005%
216	15.299	15.236	15.316	VV	666	23541	0.25%	0.010%
217	15.350	15.316	15.431	VV	11884	229417	2.44%	0.098%
218	15.492	15.431	15.528	VV	3562	77713	0.83%	0.033%
219	15.537	15.528	15.550	VV	531	6256	0.07%	0.003%
220	15.585	15.550	15.611	VV	1283	26840	0.29%	0.011%
221	15.632	15.611	15.671	VV	920	14942	0.16%	0.006%
222	15.723	15.671	15.741	PV	995	22781	0.24%	0.010%
223	15.755	15.741	15.784	VV	1078	13685	0.15%	0.006%
224	15.831	15.784	15.848	VV	942	16644	0.18%	0.007%
225	15.888	15.848	15.900	PV	730	17105	0.18%	0.007%
226	15.913	15.900	15.925	VV	437	5886	0.06%	0.003%
227	15.998	15.925	16.076	VV	342232	4442941	47.32%	1.898%
228	16.104	16.076	16.115	VV	428	7489	0.08%	0.003%
229	16.128	16.115	16.140	VV	335	2822	0.03%	0.001%
230	16.199	16.140	16.237	PV	1752	44796	0.48%	0.019%
231	16.300	16.237	16.317	VV	1824	41848	0.45%	0.018%
232	16.335	16.317	16.346	VV	1561	20268	0.22%	0.009%
233	16.368	16.346	16.391	VV	2373	47587	0.51%	0.020%
234	16.396	16.391	16.426	VV	1738	22380	0.24%	0.010%
235	16.483	16.426	16.498	VV	305021	4605733	49.06%	1.967%
236	16.517	16.498	16.552	VV	400319	4508633	48.02%	1.926%
237	16.608	16.552	16.631	VV	5967	143275	1.53%	0.061%
238	16.642	16.631	16.682	VV	2439	66510	0.71%	0.028%
239	16.727	16.682	16.742	VV	4334	99892	1.06%	0.043%
240	16.797	16.742	16.818	VV	3960	133023	1.42%	0.057%
241	16.864	16.818	16.893	VV	332370	4443128	47.32%	1.898%
242	16.948	16.893	17.055	VV	317665	4540498	48.36%	1.939%
243	17.082	17.055	17.108	VV	3625	102202	1.09%	0.044%
244	17.202	17.108	17.231	VV	7103	329658	3.51%	0.141%
245	17.270	17.231	17.305	VV	5844	215072	2.29%	0.092%
246	17.343	17.305	17.357	VV	6409	173945	1.85%	0.074%

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247	17.377	17.357	17.419	VV	9750	265029	2.82%	0.113%
248	17.437	17.419	17.458	VV	5647	126340	1.35%	0.054%
249	17.472	17.458	17.498	VV	5443	122505	1.30%	0.052%
250	17.521	17.498	17.549	VV	8742	203589	2.17%	0.087%
251	17.577	17.549	17.592	VV	6124	140148	1.49%	0.060%
252	17.608	17.592	17.628	VV	6067	117129	1.25%	0.050%
253	17.647	17.628	17.662	VV	5781	108621	1.16%	0.046%
254	17.729	17.662	17.772	VV	9631	442779	4.72%	0.189%
255	17.839	17.772	17.872	VV	309806	4540086	48.36%	1.939%
256	17.894	17.872	17.915	VV	9298	188659	2.01%	0.081%
257	17.934	17.915	17.948	VV	7212	132730	1.41%	0.057%
258	17.992	17.948	18.075	VV	14130	739610	7.88%	0.316%
259	18.146	18.075	18.155	VV	8468	375644	4.00%	0.160%
260	18.240	18.155	18.256	VV	320865	5151434	54.87%	2.200%
261	18.278	18.256	18.330	VV	347306	4671666	49.76%	1.995%
262	18.364	18.330	18.405	VV	18999	588638	6.27%	0.251%
263	18.422	18.405	18.447	VV	10783	260773	2.78%	0.111%
264	18.499	18.447	18.544	VV	289991	4592727	48.92%	1.962%
265	18.572	18.544	18.588	VV	11076	267012	2.84%	0.114%
266	18.673	18.588	18.713	VV	307066	4827903	51.42%	2.062%
267	18.745	18.713	18.757	VV	11974	297499	3.17%	0.127%
268	18.788	18.757	18.807	VV	17977	429986	4.58%	0.184%
269	18.831	18.807	18.866	VV	16440	501631	5.34%	0.214%
270	18.886	18.866	18.907	VV	13140	310786	3.31%	0.133%
271	18.946	18.907	18.956	VV	13827	396099	4.22%	0.169%
272	18.968	18.956	18.983	VV	14045	214207	2.28%	0.091%
273	19.040	18.983	19.061	VV	17402	715333	7.62%	0.306%
274	19.075	19.061	19.095	VV	16616	310070	3.30%	0.132%
275	19.119	19.095	19.141	VV	17137	438248	4.67%	0.187%
276	19.180	19.141	19.216	VV	17854	704998	7.51%	0.301%
277	19.293	19.216	19.314	VV	17801	952739	10.15%	0.407%
278	19.349	19.314	19.386	VV	17257	715589	7.62%	0.306%
279	19.458	19.386	19.529	VV	316394	5694303	60.65%	2.432%
280	19.588	19.529	19.605	VV	23051	934652	9.95%	0.399%
281	19.632	19.605	19.655	VV	22563	648255	6.90%	0.277%
282	19.678	19.655	19.691	VV	22935	486599	5.18%	0.208%
283	19.705	19.691	19.717	VV	23634	358301	3.82%	0.153%
284	19.738	19.717	19.753	VV	24145	495954	5.28%	0.212%
285	19.778	19.753	19.796	VV	23776	598690	6.38%	0.256%
286	19.821	19.796	19.855	VV	28101	899213	9.58%	0.384%
287	19.899	19.855	19.925	VV	28080	1103002	11.75%	0.471%
288	19.959	19.925	19.973	VV	27311	762626	8.12%	0.326%
289	20.004	19.973	20.051	VV	29374	1258239	13.40%	0.537%
290	20.115	20.051	20.143	VV	32408	1615703	17.21%	0.690%
291	20.199	20.143	20.240	VV	307306	5870261	62.52%	2.507%
292	20.251	20.240	20.260	VV	33538	387454	4.13%	0.165%
293	20.270	20.260	20.313	VV	33743	1008114	10.74%	0.431%
294	20.358	20.313	20.385	VV	34539	1394920	14.86%	0.596%
295	20.426	20.385	20.441	VV	31625	1052157	11.21%	0.449%
296	20.457	20.441	20.486	VV	30288	792136	8.44%	0.338%
297	20.499	20.486	20.528	VV	29160	704783	7.51%	0.301%
298	20.566	20.528	20.597	VV	31225	1219746	12.99%	0.521%
299	20.663	20.597	20.695	VV	30307	1731819	18.45%	0.740%

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300	20.708	20.695	20.761	VV	30041	1128825	12.02%	0.482%
301	20.776	20.761	20.805	VV	28028	686601	7.31%	0.293%
302	20.815	20.805	20.845	VV	25135	577090	6.15%	0.246%
303	20.883	20.845	20.909	VV	25555	933312	9.94%	0.399%
304	20.969	20.909	21.121	VV	254076	7302207	77.78%	3.119%
305	21.134	21.121	21.149	VV	22191	352667	3.76%	0.151%
306	21.158	21.149	21.191	VV	20776	495174	5.27%	0.212%
307	21.229	21.191	21.259	VV	18489	731823	7.79%	0.313%
308	21.279	21.259	21.314	VV	19102	585094	6.23%	0.250%
309	21.340	21.314	21.354	VV	17931	411348	4.38%	0.176%
310	21.376	21.354	21.405	VV	18501	542999	5.78%	0.232%
311	21.420	21.405	21.434	VV	20018	326836	3.48%	0.140%
312	21.444	21.434	21.461	VV	18375	296317	3.16%	0.127%
313	21.474	21.461	21.507	VV	17936	473024	5.04%	0.202%
314	21.517	21.507	21.538	VV	16730	290639	3.10%	0.124%
315	21.552	21.538	21.581	VV	15526	382837	4.08%	0.164%
316	21.596	21.581	21.635	VV	15728	491961	5.24%	0.210%
317	21.645	21.635	21.708	VV	15365	595674	6.34%	0.254%
318	21.722	21.708	21.760	VV	11969	352353	3.75%	0.151%
319	21.772	21.760	21.798	VV	11712	242883	2.59%	0.104%
320	21.807	21.798	21.850	VV	10272	289168	3.08%	0.124%
321	21.939	21.850	22.010	VV	172390	5017671	53.44%	2.143%
322	22.038	22.010	22.047	VV	12660	266127	2.83%	0.114%
323	22.059	22.047	22.115	VV	13121	449697	4.79%	0.192%
324	22.122	22.115	22.155	VV	9822	215599	2.30%	0.092%
325	22.171	22.155	22.196	VV	8554	189161	2.01%	0.081%
326	22.204	22.196	22.231	VV	7883	138308	1.47%	0.059%
327	22.244	22.231	22.323	VV	5806	152936	1.63%	0.065%
328	22.349	22.323	22.360	PV	1032	11535	0.12%	0.005%

Sum of corrected areas: 234117109

Aliphatic EPH 061825.M Thu Jul 03 02:48:26 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069362.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 21:34
Operator : YP/AJ
Sample : Q2478-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC-1MSD

Integration File: autoint1.e
Quant Time: Jul 03 02:12:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.680	4115666	23.823 ug/ml
Spiked Amount	50.000		Recovery =	47.65%
12) S	1-chlorooctadecane (S...	13.115	3246830	24.853 ug/ml
Spiked Amount	50.000		Recovery =	49.71%
	Target Compounds			
1) T	n-Nonane (C9)	3.410	3777056	26.558 ug/ml
2) T	n-Decane (C10)	4.483	4220988	28.833 ug/ml
3) T	A~Naphthalene (C11.7)	6.077	5352930	33.270 ug/ml
4) T	n-Dodecane (C12)	6.507	4603196	30.399 ug/ml
5) T	A~2-methylnaphthalene...	7.138	5237415	33.096 ug/ml
6) T	n-Tetradecane (C14)	8.308	4983250	32.149 ug/ml
7) T	n-Hexadecane (C16)	9.912	5387890	32.970 ug/ml
8) T	n-Octadecane (C18)	11.357	5405845	33.110 ug/ml
10) T	n-Eicosane (C20)	12.670	5422814	35.527 ug/ml
11) T	n-Heneicosane (C21)	13.283	5091368	34.543 ug/ml
13) T	n-Docosane (C22)	13.870	4985280	34.648 ug/ml
14) T	n-Tetracosane (C24)	14.970	9585556	69.495 ug/ml
15) T	n-Hexacosane (C26)	15.999	4555717	34.850 ug/ml
16) T	n-Octacosane (C28)	16.950	4389035	35.588 ug/ml
17) T	n-Tricontane (C30)	17.841	4272413	35.938 ug/ml
18) T	n-Dotriacontane (C32)	18.674	4207837	38.485 ug/ml
19) T	n-Tetratriacontane (C34)	19.458	4301754	44.547 ug/ml
20) T	n-Hexatriacontane (C36)	20.200	4320369	52.424 ug/ml
21) T	n-Octatriacontane (C38)	20.970	4408273	58.989 ug/ml
22) T	n-Tetracontane (C40)	21.941	4210067	59.451 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

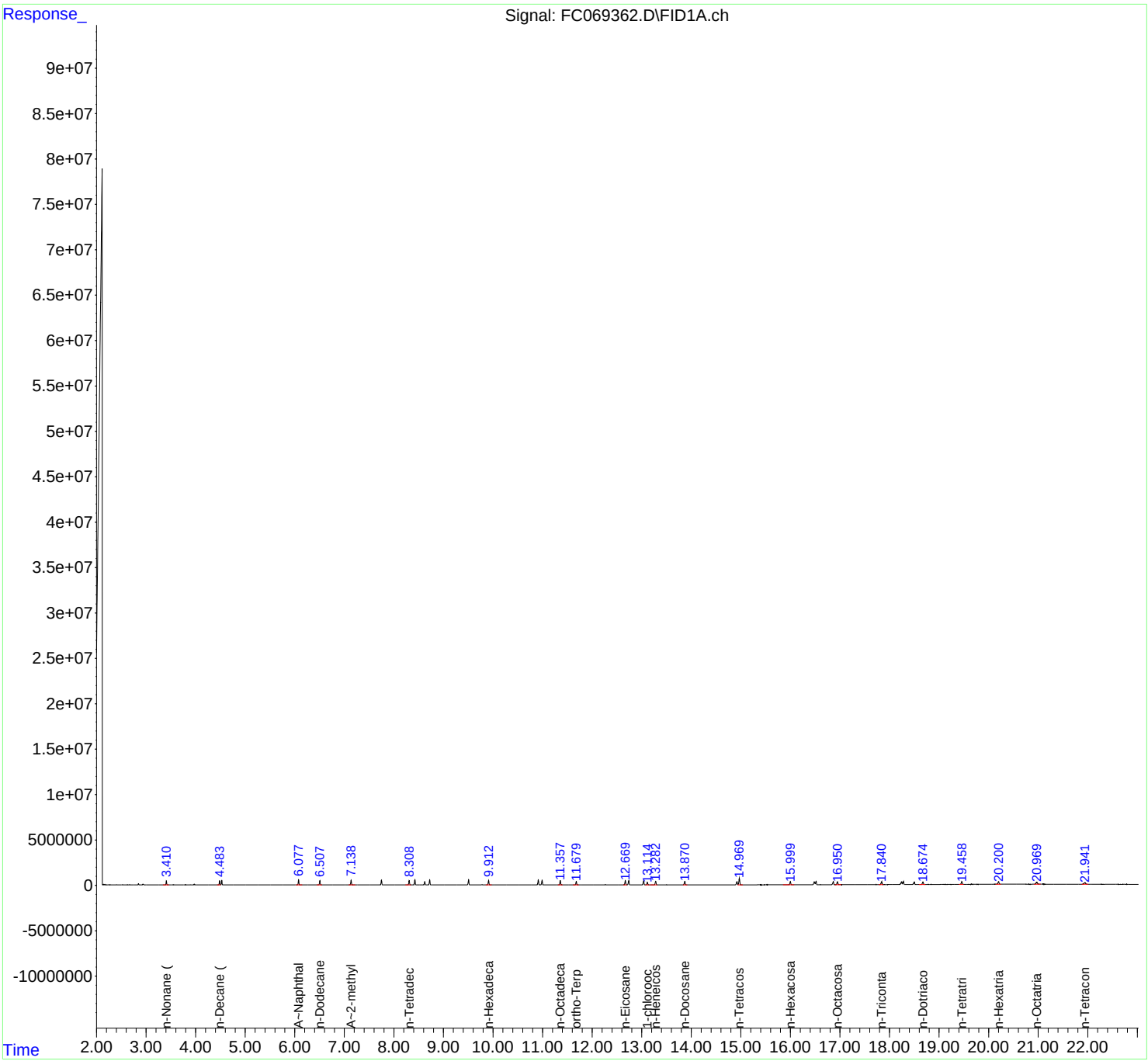
Sample Results: **FC069362.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069362.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 21:34
Operator : YP/AJ
Sample : Q2478-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC-1MSD

Integration File: autoint1.e
Quant Time: Jul 03 02:12:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
Data File : FC069362.D
Signal(s) : FID1A.ch
Acq On : 02 Jul 2025 21:34
Sample : Q2478-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.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	3.249	3.204	3.345	BV	3738	51553	0.54%	0.022%
2	3.410	3.345	3.472	PV	459590	3797122	39.57%	1.598%
3	3.488	3.472	3.499	VV	567	7589	0.08%	0.003%
4	3.512	3.499	3.526	VV	536	7852	0.08%	0.003%
5	3.557	3.526	3.582	VV	33295	271981	2.83%	0.114%
6	3.590	3.582	3.614	VV	298	4980	0.05%	0.002%
7	3.630	3.614	3.661	VV	425	7567	0.08%	0.003%
8	3.686	3.661	3.716	VV	5630	85963	0.90%	0.036%
9	3.728	3.716	3.747	VV	1881	19780	0.21%	0.008%
10	3.765	3.747	3.777	VV	1745	18338	0.19%	0.008%
11	3.795	3.777	3.848	VV	24997	203403	2.12%	0.086%
12	3.892	3.848	3.921	VV	20421	168996	1.76%	0.071%
13	3.972	3.921	4.033	VV	90785	743074	7.74%	0.313%
14	4.057	4.033	4.070	VV	496	7180	0.07%	0.003%
15	4.082	4.070	4.100	VV	514	6234	0.06%	0.003%
16	4.113	4.100	4.145	VV	392	7068	0.07%	0.003%
17	4.192	4.145	4.218	VV	433	12962	0.14%	0.005%
18	4.237	4.218	4.254	VV	5517	61951	0.65%	0.026%
19	4.267	4.254	4.338	VV	3991	39892	0.42%	0.017%
20	4.354	4.338	4.395	VV	1622	17725	0.18%	0.007%
21	4.413	4.395	4.440	VV	225	2284	0.02%	0.001%
22	4.483	4.440	4.505	VV	480731	4222654	44.00%	1.777%
23	4.527	4.505	4.571	VV	540430	4718128	49.17%	1.986%
24	4.588	4.571	4.614	VV	4462	43819	0.46%	0.018%
25	4.634	4.614	4.682	VV	7289	69097	0.72%	0.029%
26	4.733	4.682	4.752	VV	419	8065	0.08%	0.003%
27	4.768	4.752	4.792	VV	461	3463	0.04%	0.001%
28	4.814	4.792	4.840	PV	192	2518	0.03%	0.001%
29	4.858	4.840	4.877	VV	149	2254	0.02%	0.001%
30	4.900	4.877	4.925	VV	292	3802	0.04%	0.002%
31	4.967	4.925	5.008	VV	214	6289	0.07%	0.003%
32	5.012	5.008	5.020	VV	118	598	0.01%	0.000%
33	5.037	5.020	5.053	VV	223	2413	0.03%	0.001%
34	5.093	5.053	5.104	VV	169	3452	0.04%	0.001%
35	5.121	5.104	5.159	VV	192	4365	0.05%	0.002%
36	5.167	5.159	5.181	VV	112	954	0.01%	0.000%

rteres

37	5.208	5.181	5.251	VV	196	4110	0.04%	0.002%
38	5.275	5.251	5.295	VV	624	7818	0.08%	0.003%
39	5.304	5.295	5.320	VV	285	2990	0.03%	0.001%
40	5.337	5.320	5.370	VV	486	6160	0.06%	0.003%
41	5.399	5.370	5.453	VV	192	5296	0.06%	0.002%
42	5.478	5.453	5.494	VV	110	2184	0.02%	0.001%
43	5.520	5.494	5.536	VV	1432	15529	0.16%	0.007%
44	5.547	5.536	5.604	VV	597	10368	0.11%	0.004%
45	5.625	5.604	5.667	VV	459	7971	0.08%	0.003%
46	5.687	5.667	5.697	VV	189	2872	0.03%	0.001%
47	5.709	5.697	5.733	VV	250	3948	0.04%	0.002%
48	5.769	5.733	5.798	VV	450	9514	0.10%	0.004%
49	5.806	5.798	5.811	VV	167	1264	0.01%	0.001%
50	5.822	5.811	5.848	VV	237	3644	0.04%	0.002%
51	5.859	5.848	5.884	VV	164	2308	0.02%	0.001%
52	5.914	5.884	5.943	PV	194	4259	0.04%	0.002%
53	5.957	5.943	5.995	VV	225	5045	0.05%	0.002%
54	6.028	5.995	6.048	VV	307	6977	0.07%	0.003%
55	6.077	6.048	6.152	VV	582613	5367933	55.94%	2.260%
56	6.164	6.152	6.201	VV	401	8063	0.08%	0.003%
57	6.222	6.201	6.269	VV	408	9976	0.10%	0.004%
58	6.350	6.269	6.368	VV	548	14772	0.15%	0.006%
59	6.376	6.368	6.385	VV	355	3439	0.04%	0.001%
60	6.394	6.385	6.421	VV	338	5670	0.06%	0.002%
61	6.507	6.421	6.551	VV	480118	4621144	48.16%	1.945%
62	6.573	6.551	6.638	VV	704	14898	0.16%	0.006%
63	6.655	6.638	6.698	VV	485	7372	0.08%	0.003%
64	6.709	6.698	6.718	VV	159	1439	0.01%	0.001%
65	6.779	6.718	6.818	VV	180	6213	0.06%	0.003%
66	6.836	6.818	6.884	VV	186	4316	0.04%	0.002%
67	6.924	6.884	6.954	VV	378	6542	0.07%	0.003%
68	6.979	6.954	7.018	PV	4712	48900	0.51%	0.021%
69	7.042	7.018	7.091	VV	11079	110899	1.16%	0.047%
70	7.138	7.091	7.198	VV	535921	5241324	54.62%	2.206%
71	7.208	7.198	7.221	VV	386	4048	0.04%	0.002%
72	7.233	7.221	7.249	VV	269	3175	0.03%	0.001%
73	7.272	7.249	7.308	VV	1933	27624	0.29%	0.012%
74	7.326	7.308	7.342	VV	2165	26734	0.28%	0.011%
75	7.352	7.342	7.374	VV	1090	12304	0.13%	0.005%
76	7.403	7.374	7.415	VV	1006	13041	0.14%	0.005%
77	7.431	7.415	7.460	VV	1582	18160	0.19%	0.008%
78	7.495	7.460	7.513	VV	351	8115	0.08%	0.003%
79	7.524	7.513	7.556	VV	361	4394	0.05%	0.002%
80	7.610	7.556	7.636	VV	686	10519	0.11%	0.004%
81	7.654	7.636	7.701	VV	275	4746	0.05%	0.002%
82	7.859	7.826	7.875	VV	573	12481	0.13%	0.005%
83	7.886	7.875	7.948	VV	535	12583	0.13%	0.005%
84	7.957	7.948	7.977	VV	201	3047	0.03%	0.001%
85	8.000	7.977	8.031	VV	1372	20259	0.21%	0.009%
86	8.057	8.031	8.097	VV	1094	21676	0.23%	0.009%
87	8.126	8.097	8.151	VV	662	15237	0.16%	0.006%
88	8.201	8.151	8.251	VV	667	31043	0.32%	0.013%
89	8.265	8.251	8.273	VV	604	6317	0.07%	0.003%

rteres

90	8.308	8.273	8.348	VV	476586	4997882	52.08%	2.104%
91	8.360	8.348	8.376	VV	378	5291	0.06%	0.002%
92	8.424	8.376	8.462	VV	577820	5770981	60.14%	2.429%
93	8.475	8.462	8.518	VV	578	13217	0.14%	0.006%
94	8.533	8.518	8.558	VV	389	5998	0.06%	0.003%
95	8.722	8.684	8.756	VV	560772	5875369	61.23%	2.473%
96	8.771	8.756	8.820	VV	873	19055	0.20%	0.008%
97	8.840	8.820	8.884	VV	708	11290	0.12%	0.005%
98	8.911	8.884	8.924	VV	483	6876	0.07%	0.003%
99	8.930	8.924	8.948	VV	403	4583	0.05%	0.002%
100	8.956	8.948	8.965	VV	269	2844	0.03%	0.001%
101	8.991	8.965	9.008	VV	1780	25730	0.27%	0.011%
102	9.019	9.008	9.098	VV	1114	27139	0.28%	0.011%
103	9.128	9.098	9.154	VV	1181	15337	0.16%	0.006%
104	9.167	9.154	9.205	VV	197	3840	0.04%	0.002%
105	9.218	9.205	9.244	VV	104	2136	0.02%	0.001%
106	9.285	9.244	9.298	VV	145	2935	0.03%	0.001%
107	9.314	9.298	9.348	PV	198	3736	0.04%	0.002%
108	9.368	9.348	9.404	VV	224	4624	0.05%	0.002%
109	9.425	9.404	9.443	VV	268	3321	0.03%	0.001%
110	9.508	9.443	9.566	VV	577595	6035715	62.90%	2.541%
111	9.581	9.566	9.630	VV	516	11890	0.12%	0.005%
112	9.650	9.630	9.668	VV	631	10132	0.11%	0.004%
113	9.687	9.668	9.699	VV	2356	27634	0.29%	0.012%
114	9.718	9.699	9.753	VV	8454	94447	0.98%	0.040%
115	9.779	9.753	9.811	VV	30135	320326	3.34%	0.135%
116	9.842	9.811	9.867	VV	673	15854	0.17%	0.007%
117	9.911	9.867	9.981	VV	483618	5400436	56.28%	2.273%
118	10.004	9.981	10.071	VV	368	7783	0.08%	0.003%
119	10.191	10.071	10.213	PV	522	7510	0.08%	0.003%
120	10.225	10.213	10.230	VV	105	549	0.01%	0.000%
121	10.254	10.230	10.278	VV	899	9900	0.10%	0.004%
122	10.300	10.278	10.321	VV	432	6027	0.06%	0.003%
123	10.351	10.321	10.374	VV	338	7509	0.08%	0.003%
124	10.388	10.374	10.410	VV	357	5274	0.05%	0.002%
125	10.428	10.410	10.477	VV	315	6256	0.07%	0.003%
126	10.555	10.477	10.594	PV	775	20520	0.21%	0.009%
127	10.605	10.594	10.621	VV	386	4076	0.04%	0.002%
128	10.647	10.621	10.678	VV	757	13047	0.14%	0.005%
129	10.712	10.678	10.734	VV	5641	75418	0.79%	0.032%
130	10.744	10.734	10.774	VV	821	12220	0.13%	0.005%
131	10.803	10.774	10.827	VV	209	5884	0.06%	0.002%
132	10.839	10.827	10.851	VV	317	3615	0.04%	0.002%
133	10.914	10.851	10.953	VV	546924	5838378	60.84%	2.458%
134	10.991	10.953	11.047	VV	530346	5770210	60.13%	2.429%
135	11.064	11.047	11.088	VV	870	13150	0.14%	0.006%
136	11.098	11.088	11.128	VV	249	4649	0.05%	0.002%
137	11.157	11.128	11.177	VV	1423	18400	0.19%	0.008%
138	11.197	11.177	11.236	VV	2212	30870	0.32%	0.013%
139	11.284	11.236	11.306	VV	483	10803	0.11%	0.005%
140	11.357	11.306	11.404	VV	477855	5419915	56.48%	2.281%
141	11.436	11.404	11.472	VV	769	20321	0.21%	0.009%

rteres

142	11.488	11.472	11.497	PV	313	3177	0.03%	0.001%
143	11.516	11.497	11.531	VV	357	5544	0.06%	0.002%
144	11.552	11.531	11.585	VV	431	8014	0.08%	0.003%
145	11.599	11.585	11.624	VV	275	4119	0.04%	0.002%
146	11.680	11.624	11.729	VV	381540	4130256	43.04%	1.739%
147	11.746	11.729	11.790	VV	1289	23348	0.24%	0.010%
148	11.811	11.790	11.821	VV	1285	13624	0.14%	0.006%
149	11.834	11.821	11.850	VV	1217	16349	0.17%	0.007%
150	11.864	11.850	11.878	VV	982	11732	0.12%	0.005%
151	11.892	11.878	11.941	VV	878	13298	0.14%	0.006%
152	11.961	11.941	11.991	VV	425	6322	0.07%	0.003%
153	12.026	11.991	12.058	VV	760	15634	0.16%	0.007%
154	12.072	12.058	12.098	VV	887	11126	0.12%	0.005%
155	12.116	12.098	12.128	VV	428	4945	0.05%	0.002%
156	12.140	12.128	12.151	VV	278	2989	0.03%	0.001%
157	12.186	12.151	12.214	VV	627	9968	0.10%	0.004%
158	12.270	12.214	12.339	VV	31949	395353	4.12%	0.166%
159	12.357	12.339	12.378	VV	1071	20207	0.21%	0.009%
160	12.389	12.378	12.424	VV	736	15333	0.16%	0.006%
161	12.438	12.424	12.448	VV	460	6206	0.06%	0.003%
162	12.458	12.448	12.467	VV	524	5098	0.05%	0.002%
163	12.492	12.467	12.545	VV	1372	30252	0.32%	0.013%
164	12.564	12.545	12.581	VV	502	5777	0.06%	0.002%
165	12.614	12.581	12.630	VV	956	14939	0.16%	0.006%
166	12.670	12.630	12.701	VV	476032	5429385	56.58%	2.285%
167	12.739	12.701	12.784	VV	463186	5399748	56.27%	2.273%
168	12.790	12.784	12.811	VV	513	4434	0.05%	0.002%
169	12.920	12.811	12.997	VV	4692	66579	0.69%	0.028%
170	13.040	12.997	13.069	VV	467714	5302007	55.25%	2.232%
171	13.115	13.069	13.180	VV	277672	3258497	33.96%	1.372%
172	13.225	13.180	13.243	PV	488	12732	0.13%	0.005%
173	13.283	13.243	13.348	VV	413837	5129226	53.45%	2.159%
174	13.356	13.348	13.364	VV	704	6470	0.07%	0.003%
175	13.372	13.364	13.406	VV	724	10977	0.11%	0.005%
176	13.428	13.406	13.441	VV	474	6215	0.06%	0.003%
177	13.507	13.441	13.574	VV	7585	131587	1.37%	0.055%
178	13.622	13.574	13.642	VV	1098	24934	0.26%	0.010%
179	13.660	13.642	13.674	VV	560	8208	0.09%	0.003%
180	13.712	13.674	13.721	VV	826	14930	0.16%	0.006%
181	13.727	13.721	13.749	VV	653	6847	0.07%	0.003%
182	13.769	13.749	13.785	VV	659	7996	0.08%	0.003%
183	13.819	13.785	13.833	VV	1164	18839	0.20%	0.008%
184	13.870	13.833	13.920	VV	394464	4992792	52.03%	2.102%
185	13.937	13.920	13.954	VV	574	7120	0.07%	0.003%
186	14.018	13.954	14.026	VV	295	7857	0.08%	0.003%
187	14.043	14.026	14.068	VV	1076	12523	0.13%	0.005%
188	14.101	14.068	14.128	VV	807	14700	0.15%	0.006%
189	14.150	14.128	14.167	VV	248	2989	0.03%	0.001%
190	14.212	14.167	14.220	PV	193	3142	0.03%	0.001%
191	14.261	14.220	14.283	VV	666	13486	0.14%	0.006%
192	14.310	14.283	14.340	VV	1992	33045	0.34%	0.014%
193	14.355	14.340	14.371	VV	929	11402	0.12%	0.005%
194	14.385	14.371	14.407	VV	761	10413	0.11%	0.004%

rteres

195	14.433	14.407	14.511	VV	1736	40459	0.42%	0.017%
196	14.538	14.511	14.548	VV	834	13124	0.14%	0.006%
197	14.559	14.548	14.578	VV	782	9120	0.10%	0.004%
198	14.601	14.578	14.623	PV	838	12675	0.13%	0.005%
199	14.660	14.623	14.677	VV	872	15561	0.16%	0.007%
200	14.698	14.677	14.709	VV	637	9192	0.10%	0.004%
201	14.723	14.709	14.746	VV	638	8258	0.09%	0.003%
202	14.828	14.746	14.842	PV	266	11754	0.12%	0.005%
203	14.922	14.842	14.942	VV	348701	4883291	50.89%	2.056%
204	14.970	14.942	15.037	VV	725410	9596169	100.00%	4.039%
205	15.051	15.037	15.061	VV	555	5859	0.06%	0.002%
206	15.075	15.061	15.091	VV	704	7885	0.08%	0.003%
207	15.110	15.091	15.122	VV	588	7286	0.08%	0.003%
208	15.162	15.122	15.178	VV	535	12688	0.13%	0.005%
209	15.219	15.178	15.227	VV	603	8055	0.08%	0.003%
210	15.235	15.227	15.254	VV	489	6628	0.07%	0.003%
211	15.306	15.254	15.318	VV	809	16557	0.17%	0.007%
212	15.351	15.318	15.456	VV	12602	234388	2.44%	0.099%
213	15.494	15.456	15.529	VV	3639	66666	0.69%	0.028%
214	15.549	15.529	15.557	VV	635	8264	0.09%	0.003%
215	15.586	15.557	15.604	VV	1481	24316	0.25%	0.010%
216	15.639	15.604	15.659	VV	887	21011	0.22%	0.009%
217	15.669	15.659	15.684	VV	413	2678	0.03%	0.001%
218	15.720	15.684	15.733	PV	1221	18373	0.19%	0.008%
219	15.754	15.733	15.788	VV	867	20596	0.21%	0.009%
220	15.827	15.788	15.854	VV	1067	18651	0.19%	0.008%
221	15.876	15.854	15.894	VV	877	14320	0.15%	0.006%
222	15.906	15.894	15.924	VV	649	8818	0.09%	0.004%
223	15.947	15.924	15.957	VV	917	11159	0.12%	0.005%
224	15.999	15.957	16.044	VV	362745	4535963	47.27%	1.909%
225	16.058	16.044	16.079	VV	747	10890	0.11%	0.005%
226	16.094	16.079	16.123	VV	651	11573	0.12%	0.005%
227	16.140	16.123	16.150	PV	444	4648	0.05%	0.002%
228	16.204	16.150	16.237	VV	2028	51854	0.54%	0.022%
229	16.297	16.237	16.318	VV	1799	46550	0.49%	0.020%
230	16.337	16.318	16.349	VV	2010	27643	0.29%	0.012%
231	16.369	16.349	16.427	VV	2517	69447	0.72%	0.029%
232	16.484	16.427	16.500	VV	305856	4710457	49.09%	1.983%
233	16.518	16.500	16.551	VV	387310	4596055	47.89%	1.935%
234	16.610	16.551	16.635	VV	6511	139599	1.45%	0.059%
235	16.646	16.635	16.670	VV	2161	39024	0.41%	0.016%
236	16.727	16.670	16.758	VV	3600	117713	1.23%	0.050%
237	16.803	16.758	16.820	VV	3371	96531	1.01%	0.041%
238	16.866	16.820	16.894	VV	349085	4517576	47.08%	1.902%
239	16.905	16.894	16.911	VV	3174	28434	0.30%	0.012%
240	16.950	16.911	17.031	VV	333063	4533589	47.24%	1.908%
241	17.075	17.031	17.110	VV	2933	120126	1.25%	0.051%
242	17.203	17.110	17.243	VV	6167	312690	3.26%	0.132%
243	17.283	17.243	17.300	VV	5604	162407	1.69%	0.068%
244	17.314	17.300	17.330	VV	5221	90331	0.94%	0.038%
245	17.379	17.330	17.417	VV	8784	330568	3.44%	0.139%
246	17.444	17.417	17.457	VV	5527	122793	1.28%	0.052%

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247	17.482	17.457	17.494	VV	5087	106281	1.11%	0.045%
248	17.524	17.494	17.561	VV	8344	239008	2.49%	0.101%
249	17.580	17.561	17.593	VV	5832	101132	1.05%	0.043%
250	17.612	17.593	17.628	VV	5297	104435	1.09%	0.044%
251	17.644	17.628	17.654	VV	4802	75506	0.79%	0.032%
252	17.732	17.654	17.784	VV	8799	468046	4.88%	0.197%
253	17.841	17.784	17.874	VV	326063	4563820	47.56%	1.921%
254	17.898	17.874	17.918	VV	8834	181027	1.89%	0.076%
255	17.933	17.918	17.946	VV	6225	100520	1.05%	0.042%
256	17.994	17.946	18.067	VV	14710	668536	6.97%	0.281%
257	18.075	18.067	18.081	VV	7246	60145	0.63%	0.025%
258	18.098	18.081	18.124	VV	7841	186458	1.94%	0.078%
259	18.142	18.124	18.154	VV	8686	139100	1.45%	0.059%
260	18.243	18.154	18.259	VV	313901	5256845	54.78%	2.213%
261	18.280	18.259	18.322	VV	333474	4683561	48.81%	1.972%
262	18.333	18.322	18.343	VV	10852	129154	1.35%	0.054%
263	18.367	18.343	18.424	VV	18405	587466	6.12%	0.247%
264	18.438	18.424	18.458	VV	10306	193114	2.01%	0.081%
265	18.500	18.458	18.548	VV	300762	4592181	47.85%	1.933%
266	18.575	18.548	18.611	VV	10147	349396	3.64%	0.147%
267	18.674	18.611	18.722	VV	299815	4805037	50.07%	2.023%
268	18.787	18.722	18.808	VV	16771	647310	6.75%	0.272%
269	18.838	18.808	18.864	VV	16214	465261	4.85%	0.196%
270	18.874	18.864	18.900	VV	12786	260573	2.72%	0.110%
271	18.921	18.900	18.940	VV	13095	291400	3.04%	0.123%
272	18.952	18.940	18.981	VV	13142	309380	3.22%	0.130%
273	19.031	18.981	19.042	VV	16899	504801	5.26%	0.212%
274	19.071	19.042	19.100	VV	16527	539672	5.62%	0.227%
275	19.118	19.100	19.154	VV	16619	467753	4.87%	0.197%
276	19.184	19.154	19.234	VV	16407	710054	7.40%	0.299%
277	19.271	19.234	19.285	VV	16281	465565	4.85%	0.196%
278	19.307	19.285	19.322	VV	16330	351872	3.67%	0.148%
279	19.343	19.322	19.362	VV	16509	386298	4.03%	0.163%
280	19.458	19.362	19.494	VV	322676	5622097	58.59%	2.367%
281	19.508	19.494	19.529	VV	20166	401036	4.18%	0.169%
282	19.593	19.529	19.607	VV	22557	967458	10.08%	0.407%
283	19.676	19.607	19.685	VV	23100	1034377	10.78%	0.435%
284	19.703	19.685	19.729	VV	23498	603763	6.29%	0.254%
285	19.752	19.729	19.763	VV	23001	446664	4.65%	0.188%
286	19.773	19.763	19.787	VV	22771	326295	3.40%	0.137%
287	19.830	19.787	19.847	VV	28675	928935	9.68%	0.391%
288	19.891	19.847	19.903	VV	27872	876408	9.13%	0.369%
289	19.915	19.903	19.930	VV	26646	429101	4.47%	0.181%
290	19.943	19.930	19.960	VV	27630	474387	4.94%	0.200%
291	19.998	19.960	20.044	VV	30899	1409706	14.69%	0.593%
292	20.200	20.044	20.240	VV	324359	7788712	81.16%	3.279%
293	20.253	20.240	20.266	VV	34683	532463	5.55%	0.224%
294	20.276	20.266	20.315	VV	34628	943661	9.83%	0.397%
295	20.360	20.315	20.400	VV	36070	1695893	17.67%	0.714%
296	20.428	20.400	20.448	VV	33123	916622	9.55%	0.386%
297	20.482	20.448	20.492	VV	33242	849537	8.85%	0.358%
298	20.506	20.492	20.539	VV	34124	936412	9.76%	0.394%
299	20.559	20.539	20.599	VV	32979	1121886	11.69%	0.472%

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300	20.679	20.599	20.749	VV	32490	2689798	28.03%	1.132%
301	20.761	20.749	20.798	VV	27390	746935	7.78%	0.314%
302	20.807	20.798	20.821	VV	26040	351774	3.67%	0.148%
303	20.839	20.821	20.853	VV	24688	470732	4.91%	0.198%
304	20.906	20.853	20.919	VV	26872	1001155	10.43%	0.421%
305	20.970	20.919	21.051	VV	252229	6313905	65.80%	2.658%
306	21.061	21.051	21.128	VV	25376	1105744	11.52%	0.465%
307	21.137	21.128	21.204	VV	23119	910773	9.49%	0.383%
308	21.229	21.204	21.245	VV	18558	435831	4.54%	0.183%
309	21.258	21.245	21.267	VV	17954	231841	2.42%	0.098%
310	21.278	21.267	21.300	VV	18339	339380	3.54%	0.143%
311	21.358	21.300	21.381	VV	18618	860373	8.97%	0.362%
312	21.408	21.381	21.448	VV	19118	700776	7.30%	0.295%
313	21.462	21.448	21.552	VV	16629	957675	9.98%	0.403%
314	21.627	21.552	21.771	VV	13782	1471801	15.34%	0.620%
315	21.797	21.771	21.818	VV	8462	217727	2.27%	0.092%
316	21.941	21.818	22.007	VV	184250	5172149	53.90%	2.177%
317	22.063	22.007	22.074	VV	10449	391718	4.08%	0.165%
318	22.084	22.074	22.099	VV	9455	133739	1.39%	0.056%
319	22.111	22.099	22.128	VV	8945	144423	1.51%	0.061%
320	22.163	22.128	22.212	VV	7870	356197	3.71%	0.150%
321	22.220	22.212	22.289	VV	6747	151540	1.58%	0.064%
322	22.298	22.289	22.306	PV	679	3314	0.03%	0.001%
323	22.375	22.306	22.397	VV	2316	60652	0.63%	0.026%
324	22.432	22.397	22.442	PV	1507	36153	0.38%	0.015%

Sum of corrected areas: 237562094

Aliphatic EPH 061825.M Thu Jul 03 02:49:21 2025

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

Manual Integration Report

Sequence:	FC061825AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	FC070225AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FC069355.D	n-Tetracontane (C40)	yogesh	7/3/2025 7:25:35 AM	mohammad	7/4/2025 4:31:59	Peak Integrated by Software
PB168702BS	FC069357.D	n-Tetracontane (C40)	yogesh	7/3/2025 7:25:37 AM	mohammad	7/4/2025 4:31:59	Peak Integrated by Software
PB168702BSD	FC069358.D	n-Tetracontane (C40)	yogesh	7/3/2025 7:25:39 AM	mohammad	7/4/2025 4:31:59	Peak Integrated by Software

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Manual Integration Report

Sequence:	FE062725AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
50 PPM ALIPHATIC HC	FE054609.D	n-Octatriacontane (C38)	yogesh	6/30/2025 7:50:48 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
50 PPM ALIPHATIC HC	FE054609.D	n-Tetracontane (C40)	yogesh	6/30/2025 7:50:48 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
Q2429-02	FE054617.D	ortho-Terphenyl (SURR)	yogesh	6/30/2025 7:50:50 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054624.D	n-Hexacosane (C26)	yogesh	6/30/2025 7:50:52 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054624.D	n-Tetracontane (C40)	yogesh	6/30/2025 7:50:52 AM	mohammad	6/30/2025 9:33:27	Peak Integrated by Software

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Manual Integration Report

Sequence:	FE070225AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	FE070725AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FE054697.D	n-Hexatriacontane (C36)	yogesh	7/7/2025 11:32:52 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054697.D	n-Tetracosane (C24)	yogesh	7/7/2025 11:32:52 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2491-02DL	FE054702.D	ortho-Terphenyl (SURR)	yogesh	7/8/2025 7:43:15 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054704.D	n-Hexatriacontane (C36)	yogesh	7/8/2025 7:43:13 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054704.D	n-Octatriacontane (C38)	yogesh	7/8/2025 7:43:13 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054704.D	n-Tetracontane (C40)	yogesh	7/8/2025 7:43:13 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054704.D	n-Tetracosane (C24)	yogesh	7/8/2025 7:43:13 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2487-14	FE054710.D	1-chlorooctadecane (SURR)	yogesh	7/8/2025 7:43:17 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2487-16	FE054712.D	1-chlorooctadecane (SURR)	yogesh	7/8/2025 7:43:19 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054714.D	n-Dotriacontane (C32)	yogesh	7/8/2025 7:43:20 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054714.D	n-Hexatriacontane (C36)	yogesh	7/8/2025 7:43:20 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054714.D	n-Tetratriacontane (C34)	yogesh	7/8/2025 7:43:20 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054714.D	n-Tricontane (C30)	yogesh	7/8/2025 7:43:20 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software

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Manual Integration Report

Sequence:	FE070725AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2507-01	FE054717.D	ortho-Terphenyl (SURR)	yogesh	7/8/2025 7:43:22 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2507-02	FE054718.D	ortho-Terphenyl (SURR)	yogesh	7/8/2025 7:43:24 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2513-01	FE054719.D	1-chlorooctadecane (SURR)	yogesh	7/8/2025 7:43:26 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2513-01	FE054719.D	ortho-Terphenyl (SURR)	yogesh	7/8/2025 7:43:26 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2513-02	FE054720.D	1-chlorooctadecane (SURR)	yogesh	7/8/2025 7:43:27 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
Q2513-02	FE054720.D	ortho-Terphenyl (SURR)	yogesh	7/8/2025 7:43:27 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054724.D	n-Docosane (C22)	yogesh	7/8/2025 7:43:40 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054724.D	n-Hexatriacontane (C36)	yogesh	7/8/2025 7:43:40 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054724.D	n-Octatriacontane (C38)	yogesh	7/8/2025 7:43:40 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE054724.D	n-Tetracosane (C24)	yogesh	7/8/2025 7:43:40 AM	mohammad	7/8/2025 9:14:49	Peak Integrated by Software

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC061825AL

Review By	yogesh	Review On	6/18/2025 1:05:10 PM		
Supervise By	mohammad	Supervise On	6/20/2025 3:01:04 AM		
SubDirectory	FC061825AL	HP Acquire Method		HP Processing Method	FC061825AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069219.D	18 Jun 2025 09:57	YP/AJ	Ok
2	I.BLK	FC069220.D	18 Jun 2025 10:37	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC069221.D	18 Jun 2025 11:17	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC069222.D	18 Jun 2025 11:58	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC069223.D	18 Jun 2025 12:39	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC069224.D	18 Jun 2025 13:20	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC069225.D	18 Jun 2025 14:03	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC069226.D	18 Jun 2025 14:45	YP/AJ	Ok
9	I.BLK	FC069227.D	18 Jun 2025 15:28	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC069228.D	18 Jun 2025 16:12	YP/AJ	Ok

M : Manual Integration

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

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC070225AL

Review By	yogesh	Review On	7/2/2025 1:47:24 PM		
Supervise By	mohammad	Supervise On	7/4/2025 4:31:59 AM		
SubDirectory	FC070225AL	HP Acquire Method		HP Processing Method	FC061825AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069353.D	02 Jul 2025 11:16	YP/AJ	Ok
2	I.BLK	FC069354.D	02 Jul 2025 12:05	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC069355.D	02 Jul 2025 12:53	YP/AJ	Ok,M
4	PB168702BL	FC069356.D	02 Jul 2025 16:50	YP/AJ	Ok
5	PB168702BS	FC069357.D	02 Jul 2025 17:37	YP/AJ	Ok,M
6	PB168702BSD	FC069358.D	02 Jul 2025 18:27	YP/AJ	Ok,M
7	Q2478-01	FC069359.D	02 Jul 2025 19:14	YP/AJ	Ok
8	Q2478-01D	FC069360.D	02 Jul 2025 20:02	YP/AJ	Ok
9	Q2478-01MS	FC069361.D	02 Jul 2025 20:47	YP/AJ	Ok
10	Q2478-01MSD	FC069362.D	02 Jul 2025 21:34	YP/AJ	Ok
11	Q2478-02	FC069363.D	02 Jul 2025 22:20	YP/AJ	Ok
12	I.BLK	FC069364.D	02 Jul 2025 23:52	YP/AJ	Ok
13	20 PPM ALIPHATIC HC STD	FC069365.D	03 Jul 2025 00:37	YP/AJ	Ok

M : Manual Integration

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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE062725AL

Review By	yogesh	Review On	6/27/2025 12:30:13 PM		
Supervise By	mohammad	Supervise On	6/30/2025 9:33:27 AM		
SubDirectory	FE062725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE054606.D	27 Jun 2025 11:53	YP\AJ	Ok
2	I.BLK	FE054607.D	27 Jun 2025 12:23	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE054608.D	27 Jun 2025 12:53	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE054609.D	27 Jun 2025 13:23	YP\AJ	Ok,M
5	20 PPM ALIPHATIC HC STD3	FE054610.D	27 Jun 2025 13:53	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE054611.D	27 Jun 2025 14:23	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE054612.D	27 Jun 2025 14:54	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FE054613.D	27 Jun 2025 15:24	YP\AJ	Ok
9	I.BLK	FE054614.D	27 Jun 2025 15:54	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE054615.D	27 Jun 2025 16:24	YP\AJ	Ok
11	Q2429-01	FE054616.D	27 Jun 2025 16:54	YP\AJ	Ok
12	Q2429-02	FE054617.D	27 Jun 2025 17:25	YP\AJ	Ok,M
13	Q2431-01	FE054618.D	27 Jun 2025 17:55	YP\AJ	Ok
14	Q2431-02	FE054619.D	27 Jun 2025 18:25	YP\AJ	Not Ok
15	Q2431-03	FE054620.D	27 Jun 2025 18:55	YP\AJ	Ok
16	Q2431-04	FE054621.D	27 Jun 2025 19:25	YP\AJ	Ok
17	Q2431-05	FE054622.D	27 Jun 2025 19:56	YP\AJ	Not Ok
18	I.BLK	FE054623.D	27 Jun 2025 20:56	YP\AJ	Ok
19	20 PPM ALIPHATIC HC STD	FE054624.D	27 Jun 2025 22:57	YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070225AL

Review By	yogesh	Review On	7/2/2025 10:37:50 AM		
Supervise By	mohammad	Supervise On	7/4/2025 4:32:22 AM		
SubDirectory	FE070225AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE054664.D	02 Jul 2025 06:12	YP\AJ	Ok
2	I.BLK	FE054665.D	02 Jul 2025 06:42	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE054666.D	02 Jul 2025 07:12	YP\AJ	Ok
4	Q2464-02DL	FE054667.D	02 Jul 2025 07:58	YP\AJ	Ok
5	I.BLK	FE054668.D	02 Jul 2025 11:37	YP\AJ	Ok
6	20 PPM ALIPHATIC HC STD	FE054669.D	02 Jul 2025 12:08	YP\AJ	Ok
7	Q2475-01	FE054670.D	02 Jul 2025 16:49	YP\AJ	Ok
8	Q2475-02	FE054671.D	02 Jul 2025 17:19	YP\AJ	Ok
9	Q2480-01	FE054672.D	02 Jul 2025 17:50	YP\AJ	Ok
10	Q2480-02	FE054673.D	02 Jul 2025 18:20	YP\AJ	Ok
11	Q2480-03	FE054674.D	02 Jul 2025 18:51	YP\AJ	Ok
12	Q2480-04	FE054675.D	02 Jul 2025 19:21	YP\AJ	Ok
13	Q2480-05	FE054676.D	02 Jul 2025 19:52	YP\AJ	Dilution
14	Q2480-06	FE054677.D	02 Jul 2025 20:23	YP\AJ	Ok
15	Q2480-07	FE054678.D	02 Jul 2025 20:53	YP\AJ	Ok
16	Q2480-08	FE054679.D	02 Jul 2025 21:24	YP\AJ	Ok
17	I.BLK	FE054680.D	02 Jul 2025 22:25	YP\AJ	Ok
18	20 PPM ALIPHATIC HC STD	FE054681.D	02 Jul 2025 22:55	YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070725AL

Review By	yogesh	Review On	7/7/2025 11:20:48 AM		
Supervise By	mohammad	Supervise On	7/8/2025 9:14:49 AM		
SubDirectory	FE070725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE054695.D	07 Jul 2025 08:46	YP\AJ	Ok
2	I.BLK	FE054696.D	07 Jul 2025 09:17	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE054697.D	07 Jul 2025 09:47	YP\AJ	Ok,M
4	Q2480-05DL	FE054698.D	07 Jul 2025 10:24	YP\AJ	Ok
5	Q2491-01	FE054699.D	07 Jul 2025 10:55	YP\AJ	Dilution
6	Q2491-02	FE054700.D	07 Jul 2025 11:25	YP\AJ	Dilution
7	Q2491-01DL	FE054701.D	07 Jul 2025 11:56	YP\AJ	Ok
8	Q2491-02DL	FE054702.D	07 Jul 2025 12:26	YP\AJ	Ok,M
9	I.BLK	FE054703.D	07 Jul 2025 13:27	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE054704.D	07 Jul 2025 13:58	YP\AJ	Ok,M
11	Q2487-09	FE054705.D	07 Jul 2025 14:59	YP\AJ	Ok
12	Q2487-10	FE054706.D	07 Jul 2025 15:29	YP\AJ	Ok
13	Q2487-11	FE054707.D	07 Jul 2025 16:00	YP\AJ	Dilution
14	Q2487-12	FE054708.D	07 Jul 2025 16:30	YP\AJ	Ok
15	Q2487-13	FE054709.D	07 Jul 2025 17:01	YP\AJ	Dilution
16	Q2487-14	FE054710.D	07 Jul 2025 17:32	YP\AJ	Dilution
17	Q2487-15	FE054711.D	07 Jul 2025 18:02	YP\AJ	Dilution
18	Q2487-16	FE054712.D	07 Jul 2025 18:33	YP\AJ	Dilution
19	I.BLK	FE054713.D	07 Jul 2025 19:34	YP\AJ	Ok
20	20 PPM ALIPHATIC HC STD	FE054714.D	07 Jul 2025 20:35	YP\AJ	Ok,M
21	Q2503-03	FE054715.D	07 Jul 2025 21:05	YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070725AL

Review By	yogesh	Review On	7/7/2025 11:20:48 AM		
Supervise By	mohammad	Supervise On	7/8/2025 9:14:49 AM		
SubDirectory	FE070725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2503-04	FE054716.D	07 Jul 2025 21:36	YP\AJ	Ok
23	Q2507-01	FE054717.D	07 Jul 2025 22:06	YP\AJ	Dilution
24	Q2507-02	FE054718.D	07 Jul 2025 22:36	YP\AJ	Dilution
25	Q2513-01	FE054719.D	07 Jul 2025 23:07	YP\AJ	Dilution
26	Q2513-02	FE054720.D	07 Jul 2025 23:37	YP\AJ	Dilution
27	Q2513-03	FE054721.D	08 Jul 2025 00:08	YP\AJ	Dilution
28	Q2513-04	FE054722.D	08 Jul 2025 00:38	YP\AJ	Dilution
29	I.BLK	FE054723.D	08 Jul 2025 01:39	YP\AJ	Ok
30	20 PPM ALIPHATIC HC STD	FE054724.D	08 Jul 2025 02:09	YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC061825AL

Review By	yogesh	Review On	6/18/2025 1:05:10 PM		
Supervise By	mohammad	Supervise On	6/20/2025 3:01:04 AM		
SubDirectory	FC061825AL	HP Acquire Method		HP Processing Method	FC061825AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069219.D	18 Jun 2025 09:57		YP/AJ	Ok
2	I.BLK	I.BLK	FC069220.D	18 Jun 2025 10:37		YP/AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FC069221.D	18 Jun 2025 11:17		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC069222.D	18 Jun 2025 11:58		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069223.D	18 Jun 2025 12:39		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC069224.D	18 Jun 2025 13:20		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC069225.D	18 Jun 2025 14:03		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069226.D	18 Jun 2025 14:45		YP/AJ	Ok
9	I.BLK	I.BLK	FC069227.D	18 Jun 2025 15:28		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069228.D	18 Jun 2025 16:12		YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC070225AL

Review By	yogesh	Review On	7/2/2025 1:47:24 PM		
Supervise By	mohammad	Supervise On	7/4/2025 4:31:59 AM		
SubDirectory	FC070225AL	HP Acquire Method		HP Processing Method	FC061825AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069353.D	02 Jul 2025 11:16		YP/AJ	Ok
2	I.BLK	I.BLK	FC069354.D	02 Jul 2025 12:05		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069355.D	02 Jul 2025 12:53		YP/AJ	Ok,M
4	PB168702BL	PB168702BL	FC069356.D	02 Jul 2025 16:50		YP/AJ	Ok
5	PB168702BS	PB168702BS	FC069357.D	02 Jul 2025 17:37		YP/AJ	Ok,M
6	PB168702BSD	PB168702BSD	FC069358.D	02 Jul 2025 18:27		YP/AJ	Ok,M
7	Q2478-01	WC-1	FC069359.D	02 Jul 2025 19:14		YP/AJ	Ok
8	Q2478-01D	Q2478-01D	FC069360.D	02 Jul 2025 20:02		YP/AJ	Ok
9	Q2478-01MS	WC-1MS	FC069361.D	02 Jul 2025 20:47	FC069359.D	YP/AJ	Ok
10	Q2478-01MSD	WC-1MSD	FC069362.D	02 Jul 2025 21:34	FC069359.D!FC069361.D	YP/AJ	Ok
11	Q2478-02	WC-1-EPH	FC069363.D	02 Jul 2025 22:20		YP/AJ	Ok
12	I.BLK	I.BLK	FC069364.D	02 Jul 2025 23:52		YP/AJ	Ok
13	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069365.D	03 Jul 2025 00:37		YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE062725AL

Review By	yogesh	Review On	6/27/2025 12:30:13 PM		
Supervise By	mohammad	Supervise On	6/30/2025 9:33:27 AM		
SubDirectory	FE062725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE054606.D	27 Jun 2025 11:53		YP\AJ	Ok
2	I.BLK	I.BLK	FE054607.D	27 Jun 2025 12:23		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FE054608.D	27 Jun 2025 12:53		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE054609.D	27 Jun 2025 13:23		YP\AJ	Ok,M
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054610.D	27 Jun 2025 13:53		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE054611.D	27 Jun 2025 14:23		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE054612.D	27 Jun 2025 14:54		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054613.D	27 Jun 2025 15:24		YP\AJ	Ok
9	I.BLK	I.BLK	FE054614.D	27 Jun 2025 15:54		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054615.D	27 Jun 2025 16:24		YP\AJ	Ok
11	Q2429-01	TP-4	FE054616.D	27 Jun 2025 16:54		YP\AJ	Ok
12	Q2429-02	TP-4-EPH	FE054617.D	27 Jun 2025 17:25		YP\AJ	Ok,M
13	Q2431-01	S-1	FE054618.D	27 Jun 2025 17:55		YP\AJ	Ok
14	Q2431-02	Q2431-02	FE054619.D	27 Jun 2025 18:25	Need to run again	YP\AJ	Not Ok
15	Q2431-03	S-3	FE054620.D	27 Jun 2025 18:55		YP\AJ	Ok
16	Q2431-04	S-4	FE054621.D	27 Jun 2025 19:25		YP\AJ	Ok
17	Q2431-05	Q2431-05	FE054622.D	27 Jun 2025 19:56	Need to run again	YP\AJ	Not Ok
18	I.BLK	I.BLK	FE054623.D	27 Jun 2025 20:56		YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE062725AL

Review By	yogesh	Review On	6/27/2025 12:30:13 PM		
Supervise By	mohammad	Supervise On	6/30/2025 9:33:27 AM		
SubDirectory	FE062725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054624.D	27 Jun 2025 22:57		YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070225AL

Review By	yogesh	Review On	7/2/2025 10:37:50 AM		
Supervise By	mohammad	Supervise On	7/4/2025 4:32:22 AM		
SubDirectory	FE070225AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE054664.D	02 Jul 2025 06:12		YP\AJ	Ok
2	I.BLK	I.BLK	FE054665.D	02 Jul 2025 06:42		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054666.D	02 Jul 2025 07:12		YP\AJ	Ok
4	Q2464-02DL	OR-3-063025-E2DL	FE054667.D	02 Jul 2025 07:58		YP\AJ	Ok
5	I.BLK	I.BLK	FE054668.D	02 Jul 2025 11:37		YP\AJ	Ok
6	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054669.D	02 Jul 2025 12:08		YP\AJ	Ok
7	Q2475-01	SOIL-PILE	FE054670.D	02 Jul 2025 16:49		YP\AJ	Ok
8	Q2475-02	SOIL-PILE-E2	FE054671.D	02 Jul 2025 17:19		YP\AJ	Ok
9	Q2480-01	GPX1	FE054672.D	02 Jul 2025 17:50		YP\AJ	Ok
10	Q2480-02	GPX2	FE054673.D	02 Jul 2025 18:20		YP\AJ	Ok
11	Q2480-03	GPX3	FE054674.D	02 Jul 2025 18:51		YP\AJ	Ok
12	Q2480-04	GPX4	FE054675.D	02 Jul 2025 19:21		YP\AJ	Ok
13	Q2480-05	GPX5	FE054676.D	02 Jul 2025 19:52	Need 2X	YP\AJ	Dilution
14	Q2480-06	GPX6	FE054677.D	02 Jul 2025 20:23		YP\AJ	Ok
15	Q2480-07	GPX7	FE054678.D	02 Jul 2025 20:53		YP\AJ	Ok
16	Q2480-08	GPX8	FE054679.D	02 Jul 2025 21:24		YP\AJ	Ok
17	I.BLK	I.BLK	FE054680.D	02 Jul 2025 22:25		YP\AJ	Ok
18	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054681.D	02 Jul 2025 22:55		YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070225AL

Review By	yogesh	Review On	7/2/2025 10:37:50 AM		
Supervise By	mohammad	Supervise On	7/4/2025 4:32:22 AM		
SubDirectory	FE070225AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070725AL

Review By	yogesh	Review On	7/7/2025 11:20:48 AM		
Supervise By	mohammad	Supervise On	7/8/2025 9:14:49 AM		
SubDirectory	FE070725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE054695.D	07 Jul 2025 08:46		YP\AJ	Ok
2	I.BLK	I.BLK	FE054696.D	07 Jul 2025 09:17		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054697.D	07 Jul 2025 09:47		YP\AJ	Ok,M
4	Q2480-05DL	GPX5DL	FE054698.D	07 Jul 2025 10:24		YP\AJ	Ok
5	Q2491-01	EO-1-070225	FE054699.D	07 Jul 2025 10:55	Need 10x	YP\AJ	Dilution
6	Q2491-02	EO-1-070225-E2	FE054700.D	07 Jul 2025 11:25	Need 10x	YP\AJ	Dilution
7	Q2491-01DL	EO-1-070225DL	FE054701.D	07 Jul 2025 11:56		YP\AJ	Ok
8	Q2491-02DL	EO-1-070225-E2DL	FE054702.D	07 Jul 2025 12:26		YP\AJ	Ok,M
9	I.BLK	I.BLK	FE054703.D	07 Jul 2025 13:27		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054704.D	07 Jul 2025 13:58		YP\AJ	Ok,M
11	Q2487-09	G4(0-6)	FE054705.D	07 Jul 2025 14:59		YP\AJ	Ok
12	Q2487-10	G4(6-12)	FE054706.D	07 Jul 2025 15:29		YP\AJ	Ok
13	Q2487-11	G3(0-6)	FE054707.D	07 Jul 2025 16:00	need 5x dilution	YP\AJ	Dilution
14	Q2487-12	G3(6-12)	FE054708.D	07 Jul 2025 16:30		YP\AJ	Ok
15	Q2487-13	G2(0-6)	FE054709.D	07 Jul 2025 17:01	need 2x dilution	YP\AJ	Dilution
16	Q2487-14	G2(6-12)	FE054710.D	07 Jul 2025 17:32	need 5x dilution	YP\AJ	Dilution
17	Q2487-15	G1(0-6)	FE054711.D	07 Jul 2025 18:02	need 5x dilution	YP\AJ	Dilution
18	Q2487-16	G1(6-12)	FE054712.D	07 Jul 2025 18:33	need 5x dilution	YP\AJ	Dilution

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE070725AL

Review By	yogesh	Review On	7/7/2025 11:20:48 AM		
Supervise By	mohammad	Supervise On	7/8/2025 9:14:49 AM		
SubDirectory	FE070725AL	HP Acquire Method		HP Processing Method	FE062725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178
CCC	PP24176
Internal Standard/PEM	
ICV/I.BLK	PP24174,PP24179
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	I.BLK	I.BLK	FE054713.D	07 Jul 2025 19:34		YP\AJ	Ok
20	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054714.D	07 Jul 2025 20:35		YP\AJ	Ok,M
21	Q2503-03	GCAP2	FE054715.D	07 Jul 2025 21:05		YP\AJ	Ok
22	Q2503-04	GCAP3	FE054716.D	07 Jul 2025 21:36		YP\AJ	Ok
23	Q2507-01	SU-04-7.3-2025	FE054717.D	07 Jul 2025 22:06	need 5x dilution	YP\AJ	Dilution
24	Q2507-02	SU-04-7.3-2025-EPH	FE054718.D	07 Jul 2025 22:36	need 2x dilution	YP\AJ	Dilution
25	Q2513-01	HR-2-070325	FE054719.D	07 Jul 2025 23:07	need 10x dilution	YP\AJ	Dilution
26	Q2513-02	HR-2-070325-E2	FE054720.D	07 Jul 2025 23:37	need 10x dilution	YP\AJ	Dilution
27	Q2513-03	HR-3-070325	FE054721.D	08 Jul 2025 00:08	need 2x dilution	YP\AJ	Dilution
28	Q2513-04	HR-3-070325-E2	FE054722.D	08 Jul 2025 00:38	need 2x dilution	YP\AJ	Dilution
29	I.BLK	I.BLK	FE054723.D	08 Jul 2025 01:39		YP\AJ	Ok
30	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE054724.D	08 Jul 2025 02:09		YP\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168702

SOP ID: MNJDEP-EPH-8

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 07/02/2025

Extraction Start Time : 11:05

Extraction End Date : 07/02/2025

Extraction End Time : 15:15

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [ ] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [√] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24625
Surrogate	1.0ML	100 PPM	PP24652
Fractionation Surrogate	1.0ML	100 PPM	PP24647
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	EP2612
Baked Na2SO4	N/A	EP2624
~~Sand~~	N/A	~~E2865~~
Hexane	N/A	E3947
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

RS 7/2/25

Extraction Conformance/Non-Conformance Comments:

N/A

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/2/25	RS (Client labs)	Y. P. Rest/PCB
15-20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168702

Analytical Method: MNJDEP-EPH-8

Concentration Date: 07/02/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168702BL	PB168702BL	EPH_NF	30.01	N/A	ritesh	Evelyn	2			U1-1
PB168702BS	PB168702BS	EPH_NF	30.03	N/A	ritesh	Evelyn	2			2
PB168702BSD	PB168702BSD	EPH_NF	30.02	N/A	ritesh	Evelyn	2			3
Q2475-01	SOIL-PILE	EPH_NF	30.03	N/A	ritesh	Evelyn	2	D		4
Q2475-02	SOIL-PILE-E2	EPH_NF	30.08	N/A	ritesh	Evelyn	2			5
Q2478-01	WC-1	EPH_NF	30.02	N/A	ritesh	Evelyn	2	E		6
Q2478-01DUP	WC-1DUP	EPH_NF	30.04	N/A	ritesh	Evelyn	2	E		U2-1
Q2478-01MS	WC-1MS	EPH_NF	30.08	N/A	ritesh	Evelyn	2	E		2
Q2478-01MSD	WC-1MSD	EPH_NF	30.09	N/A	ritesh	Evelyn	2	E		3
Q2478-02	WC-1-EPH	EPH_NF	30.05	N/A	ritesh	Evelyn	2			4
Q2480-01	GPX1	EPH_NF	30.01	N/A	ritesh	Evelyn	2	E		5
Q2480-02	GPX2	EPH_NF	30.03	N/A	ritesh	Evelyn	2	E		6
Q2480-03	GPX3	EPH_NF	30.09	N/A	ritesh	Evelyn	2	E		U3-1
Q2480-04	GPX4	EPH_NF	30.07	N/A	ritesh	Evelyn	2	E		2
Q2480-05	GPX5	EPH_NF	30.05	N/A	ritesh	Evelyn	2	E		3
Q2480-06	GPX6	EPH_NF	30.06	N/A	ritesh	Evelyn	2	E		4
Q2480-07	GPX7	EPH_NF	30.08	N/A	ritesh	Evelyn	2	E		5
Q2480-08	GPX8	EPH_NF	30.04	N/A	ritesh	Evelyn	2	E		6

RJ
7/2

* **Extracts relinquished on the same date as received.**

168302
11:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2480 **WorkList ID :** 190509 **Department :** Extraction **Date :** 07-02-2025 11:00:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2475-01	SOIL-PILE	Solid	EPH_NF	Cool 4 deg C	PSEG03	A43	07/01/2025	NJEPH
Q2475-02	SOIL-PILE-E2	Solid	EPH_NF	Cool 4 deg C	PSEG03	A43	07/01/2025	NJEPH
Q2478-01	WC-1	Solid	EPH_NF	Cool 4 deg C	PSEG03	A42	07/30/2025	NJEPH
Q2478-02	WC-1-EPH	Solid	EPH_NF	Cool 4 deg C	PSEG03	A42	07/30/2025	NJEPH
Q2480-01	GPX1	Solid	EPH_NF	Cool 4 deg C	GENV01	A43	06/30/2025	NJEPH
Q2480-02	GPX2	Solid	EPH_NF	Cool 4 deg C	GENV01	A43	06/30/2025	NJEPH
Q2480-03	GPX3	Solid	EPH_NF	Cool 4 deg C	GENV01	A43	07/01/2025	NJEPH
Q2480-04	GPX4	Solid	EPH_NF	Cool 4 deg C	GENV01	A43	07/01/2025	NJEPH
Q2480-05	GPX5	Solid	EPH_NF	Cool 4 deg C	GENV01	A43	07/01/2025	NJEPH
Q2480-06	GPX6	Solid	EPH_NF	Cool 4 deg C	GENV01	A43	07/01/2025	NJEPH
Q2480-07	GPX7	Solid	EPH_NF	Cool 4 deg C	GENV01	A43	07/01/2025	NJEPH
Q2480-08	GPX8	Solid	EPH_NF	Cool 4 deg C	GENV01	A43	07/01/2025	NJEPH

Date/Time 7/2/25 11:00
Raw Sample Received by: RJ (Ext-Lab)
Raw Sample Relinquished by: QR SM

Date/Time 7/2/25 11:25
Raw Sample Received by: QR SM
Raw Sample Relinquished by: RJ (Ext-Lab)

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

LAB CHRONICLE

OrderID:	Q2480	**OrderDate:**	7/1/2025 3:54:51 PM
Client:	G Environmental	**Project:**	Lexington
Contact:	Gary Landis	**Location:**	A43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2480-01	**GPX1**	**Solid**			**06/30/25**			**07/01/25**
			EPH_NF	NJEPH		07/02/25	07/02/25	
Q2480-02	**GPX2**	**Solid**			**06/30/25**			**07/01/25**
			EPH_NF	NJEPH		07/02/25	07/02/25	
Q2480-03	**GPX3**	**Solid**			**07/01/25**			**07/01/25**
			EPH_NF	NJEPH		07/02/25	07/02/25	
Q2480-04	**GPX4**	**Solid**			**07/01/25**			**07/01/25**
			EPH_NF	NJEPH		07/02/25	07/02/25	
Q2480-05	**GPX5**	**Solid**			**07/01/25**			**07/01/25**
			EPH_NF	NJEPH		07/02/25	07/02/25	
Q2480-05DL	**GPX5DL**	**Solid**			**07/01/25**			**07/01/25**
			EPH_NF	NJEPH		07/02/25	07/07/25	
Q2480-06	**GPX6**	**Solid**			**07/01/25**			**07/01/25**
			EPH_NF	NJEPH		07/02/25	07/02/25	
Q2480-07	**GPX7**	**Solid**			**07/01/25**			**07/01/25**
			EPH_NF	NJEPH		07/02/25	07/02/25	
Q2480-08	**GPX8**	**Solid**			**07/01/25**			**07/01/25**
			EPH_NF	NJEPH		07/02/25	07/02/25	