



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	05/07/25
Project:	Hillside	Date Received:	05/08/25
Client Sample ID:	GC1	SDG No.:	Q1987
Lab Sample ID:	Q1987-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
05/13/25 09:35	05/13/25 16:24	PB167974

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	4.49		1	1.36	2.30	mg/kg FC068851.D
Aliphatic C9-C28	Aliphatic C9-C28	5.66		1	1.05	4.61	mg/kg FC068851.D
Total AliphaticEPH	Total AliphaticEPH	10.1			2.41	6.91	mg/kg
Total EPH	Total EPH	10.1			2.41	6.91	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

Report of Analysis

Client:	G Environmental	Date Collected:	05/07/25
Project:	Hillside	Date Received:	05/08/25
Client Sample ID:	GC1	SDG No.:	Q1987
Lab Sample ID:	Q1987-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068851.D	1	05/13/25	05/13/25	PB167974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.66		1.05	4.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.49		1.36	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.1		40 - 140	96%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	43.6		40 - 140	87%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1987-01	Acq On:	13 May 2025 16:24
Client Sample ID:	GC1	Operator:	YP/AJ
Data file:	FC068851.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.341	6.641	275128	2.775	300	ug/ml
Aliphatic C12-C16	6.642	10.040	493386	5.423	200	ug/ml
Aliphatic C16-C21	10.041	13.406	4626509	53.947	300	ug/ml
Aliphatic C21-C28	13.407	17.068	957760	11.527	400	ug/ml
Aliphatic C28-C40	17.069	22.062	4944933	58.435	600	ug/ml
Aliphatic EPH	3.341	22.062	11297716	132.107		ug/ml
ortho-Terphenyl (SURR)	11.709	11.709	4975977	43.6		ug/ml
1-chlorooctadecane (SURR)	13.142	13.142	3863145	48.15		ug/ml
Aliphatic C9-C28	3.341	17.068	6352783	73.672	1200	ug/ml



QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01
Lab Code: CHEM CASE No.: Q1987 SAS No.: Q1987 SDG No.: Q1987
Run Number: FC051325AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB167974BL	86	79		0
PB167974BS	86	78		0
PB167974BSD	85	76		0
GC1	96	87		0
GC1MS	72	64		0
GC1MSD	71	64		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

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental
Lab Code: CHEM **Cas No:** Q1987 **SAS No :** Q1987 **SDG No:** Q1987
Sample No : Q1987-01MS **Datafile:** FC068853.D
Client ID : GC1MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	34.6	4.49	47.3	123		(40-140)
Aliphatic C9-C28	115.4	5.66	127	105		(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:** Q1987 **SAS No :** Q1987 **SDG No:** Q1987

Sample No : Q1987-01MSD **Datafile:** FC068854.D

Client ID : GC1MSD

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	34.6	4.49	46.9	122		0.82 (40-140) 50
Aliphatic C9-C28	115.4	5.66	128	106		1 (40-140) 50

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

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

Lab Code: CHEM **Cas No:** Q1987 **SAS No :** Q1987 **SDG No:** Q1987

Sample No : PB167974BS **Datafile:** FC068849.D

Client ID : PB167974BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	30.0	36.6	122		(40-140)
Aliphatic C9-C28	99.9	110	109		(40-140)

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental
Lab Code: CHEM **Cas No:** Q1987 **SAS No :** Q1987 **SDG No:** Q1987
Sample No : PB167974BSD **Datafile:** FC068850.D
Client ID : PB167974BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	30.0	36.4	121		0.515 (40-140)	25
Aliphatic C9-C28	100.1	109	108		0.726 (40-140)	25

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4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167974BL

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM Case No.: Q1987

SAS No.: Q1987 SDG NO.: Q1987

Instrument ID: FID_C

Lab Sample ID: PB167974BL

Matrix: (soil/water) Solid

Date Extracted: 5/13/2025 9:35:00 A

Level: (low/med) low

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

EPA SAMPLE NO.	LAB SAMPLE ID
PB167974BS	PB167974BS
PB167974BSD	PB167974BSD
GC1	Q1987-01
GC1MS	Q1987-01MS
GC1MSD	Q1987-01MSD

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	PB167974BL	SDG No.:	Q1987
Lab Sample ID:	PB167974BL	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
05/13/25 09:35	05/13/25 14:31	PB167974

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FC068848.D
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FC068848.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg	
Total EPH	Total EPH	2.09	U		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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Hillside		Date Received:		
Client Sample ID:	PB167974BL		SDG No.:	Q1987	
Lab Sample ID:	PB167974BL		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
FC068848.D	1	05/13/25	05/13/25	PB167974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.0		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.4		40 - 140	79%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167974BL	Acq On:	13 May 2025 14:31
Client Sample ID:	PB167974BL	Operator:	YP/AJ
Data file:	FC068848.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	3.341	6.641	0	0	300	ug/ml
Aliphatic C12-C16	6.642	10.040	0	0	200	ug/ml
Aliphatic C16-C21	10.041	13.406	0	0	300	ug/ml
Aliphatic C21-C28	13.407	17.068	0	0	400	ug/ml
Aliphatic C28-C40	17.069	22.062	0	0	600	ug/ml
Aliphatic EPH	3.341	22.062	0	0		ug/ml
ortho-Terphenyl (SURR)	11.709	11.709	4495541	39.39		ug/ml
1-chlorooctadecane (SURR)	13.142	13.142	3453231	43.04		ug/ml
Aliphatic C9-C28	3.341	17.068	0	0	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	PB167974BS	SDG No.:	Q1987
Lab Sample ID:	PB167974BS	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
05/13/25 09:35	05/13/25 15:08	PB167974

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	36.6		1	1.18	2.00	mg/kg	FC068849.D
Aliphatic C9-C28	Aliphatic C9-C28	110	E	1	0.91	3.99	mg/kg	FC068849.D
Total AliphaticEPH	Total AliphaticEPH	147			2.09	5.99	mg/kg	
Total EPH	Total EPH	147			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.

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MDL = Method Detection Limit

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Hillside		Date Received:	
Client Sample ID:	PB167974BS		SDG No.:	Q1987
Lab Sample ID:	PB167974BS		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
FC068849.D	1	05/13/25	05/13/25	PB167974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	110	E	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	36.6		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.2		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.8		40 - 140	78%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167974BS	Acq On:	13 May 2025 15:08
Client Sample ID:	PB167974BS	Operator:	YP/AJ
Data file:	FC068849.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	3.341	6.641	25533459	257.567	300	ug/ml
Aliphatic C12-C16	6.642	10.040	33639900	369.733	200	ug/ml
Aliphatic C16-C21	10.041	13.406	38569629	449.737	300	ug/ml
Aliphatic C21-C28	13.407	17.068	47973507	577.361	400	ug/ml
Aliphatic C28-C40	17.069	22.062	46561369	550.223	600	ug/ml
Aliphatic EPH	3.341	22.062	192277864	2200		ug/ml
ortho-Terphenyl (SURR)	11.709	11.709	4422950	38.75		ug/ml
1-chlorooctadecane (SURR)	13.141	13.141	3462600	43.16		ug/ml
Aliphatic C9-C28	3.341	17.068	145716495	1650	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	PB167974BSD	SDG No.:	Q1987
Lab Sample ID:	PB167974BSD	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
05/13/25 09:35	05/13/25 15:46	PB167974

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	36.4		1	1.18	2.00	mg/kg	FC068850.D
Aliphatic C9-C28	Aliphatic C9-C28	109	E	1	0.91	4.00	mg/kg	FC068850.D
Total AliphaticEPH	Total AliphaticEPH	146			2.09	6.00	mg/kg	
Total EPH	Total EPH	146			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

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	PB167974BSD	SDG No.:	Q1987
Lab Sample ID:	PB167974BSD	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
FC068850.D	1	05/13/25	05/13/25	PB167974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	109	E	0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	36.4		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.6		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.2		40 - 140	76%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167974BSD	Acq On:	13 May 2025 15:46
Client Sample ID:	PB167974BSD	Operator:	YP/AJ
Data file:	FC068850.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	3.341	6.641	25563580	257.871	300	ug/ml
Aliphatic C12-C16	6.642	10.040	33240251	365.34	200	ug/ml
Aliphatic C16-C21	10.041	13.406	38095758	444.211	300	ug/ml
Aliphatic C21-C28	13.407	17.068	47425618	570.767	400	ug/ml
Aliphatic C28-C40	17.069	22.062	46176524	545.675	600	ug/ml
Aliphatic EPH	3.341	22.062	190501731	2180		ug/ml
ortho-Terphenyl (SURR)	11.710	11.710	4358963	38.19		ug/ml
1-chlorooctadecane (SURR)	13.141	13.141	3420285	42.63		ug/ml
Aliphatic C9-C28	3.341	17.068	144325207	1640	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	GC1MS	SDG No.:	Q1987
Lab Sample ID:	Q1987-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
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
05/13/25 09:35	05/13/25 17:41	PB167974

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	47.3	E	1	1.36	2.31	mg/kg	FC068853.D
Aliphatic C9-C28	Aliphatic C9-C28	127	E	1	1.05	4.61	mg/kg	FC068853.D
Total AliphaticEPH	Total AliphaticEPH	174			2.41	6.92	mg/kg	
Total EPH	Total EPH	174			2.41	6.92	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

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Hillside		Date Received:	
Client Sample ID:	GC1MS		SDG No.:	Q1987
Lab Sample ID:	Q1987-01MS		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	86.6
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
FC068853.D	1	05/13/25	05/13/25	PB167974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	127	E	1.05	4.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	47.3	E	1.36	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.0		40 - 140	72%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.9		40 - 140	64%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1987-01MS	Acq On:	13 May 2025 17:41
Client Sample ID:	GC1MS	Operator:	YP/AJ
Data file:	FC068853.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	3.341	6.641	23401905	236.065	300	ug/ml
Aliphatic C12-C16	6.642	10.040	33231391	365.243	200	ug/ml
Aliphatic C16-C21	10.041	13.406	40245810	469.282	300	ug/ml
Aliphatic C21-C28	13.407	17.068	48208559	580.189	400	ug/ml
Aliphatic C28-C40	17.069	22.062	52100219	615.677	600	ug/ml
Aliphatic EPH	3.341	22.062	197187884	2270		ug/ml
ortho-Terphenyl (SURR)	11.709	11.709	3646047	31.94		ug/ml
1-chlorooctadecane (SURR)	13.141	13.141	2889403	36.02		ug/ml
Aliphatic C9-C28	3.341	17.068	145087665	1650	1200	ug/ml

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Hillside		Date Received:		
Client Sample ID:	GC1MSD		SDG No.:	Q1987	
Lab Sample ID:	Q1987-01MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.6	
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
05/13/25 09:35	05/13/25 18:19	PB167974

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	46.9	E	1	1.36	2.31	mg/kg	FC068854.D
Aliphatic C9-C28	Aliphatic C9-C28	128	E	1	1.05	4.61	mg/kg	FC068854.D
Total AliphaticEPH	Total AliphaticEPH	175			2.41	6.92	mg/kg	
Total EPH	Total EPH	175			2.41	6.92	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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	GC1MSD	SDG No.:	Q1987
Lab Sample ID:	Q1987-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068854.D	1	05/13/25	05/13/25	PB167974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	128	E	1.05	4.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	46.9	E	1.36	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.7		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.8		40 - 140	64%	SPK: 50



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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1987-01MSD	Acq On:	13 May 2025 18:19
Client Sample ID:	GC1MSD	Operator:	YP/AJ
Data file:	FC068854.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	3.341	6.641	22943915	231.445	300	ug/ml
Aliphatic C12-C16	6.642	10.040	32793055	360.425	200	ug/ml
Aliphatic C16-C21	10.041	13.406	43167344	503.348	300	ug/ml
Aliphatic C21-C28	13.407	17.068	47616029	573.058	400	ug/ml
Aliphatic C28-C40	17.069	22.062	51608688	609.868	600	ug/ml
Aliphatic EPH	3.341	22.062	198129031	2280		ug/ml
ortho-Terphenyl (SURR)	11.709	11.709	3632007	31.82		ug/ml
1-chlorooctadecane (SURR)	13.141	13.141	2861387	35.67		ug/ml
Aliphatic C9-C28	3.341	17.068	146520343	1670	1200	ug/ml



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FC050625AL

AreaCount

Parameter Range	FC068781.D	FC068782.D	FC068783.D	FC068784.D	FC068785.D	
Aliphatic C9-C12	27880831.000	14168342.000	6134963.000	3195282.000	1492730.000	
Aliphatic C12-C16	16912815.000	8652812.000	3764747.000	1956091.000	919066.000	
Aliphatic C16-C21	23844810.000	12210662.000	5322269.000	2761699.000	1307311.000	
Aliphatic C21-C28	31086803.000	15724596.000	6816713.000	3578057.000	1689101.000	
Aliphatic C28-C40	47720501.000	24011560.000	10345705.000	5495913.000	2571840.000	
Aliphatic EPH	147445760.000	74767972.000	32384397.000	16987042.000	7980048.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	99133.1666664	5.629				
Aliphatic C12-C16	90984.404	5.976				
Aliphatic C16-C21	85760.459333	6.077				
Aliphatic C21-C28	83091.075	5.885				
Aliphatic C28-C40	84622.6919998	5.889				
Aliphatic EPH	87597.2298886	5.859				

Concentration

Parameter Range	FC068781.D	FC068782.D	FC068783.D	FC068784.D	FC068785.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	FC068781.D	FC068782.D	FC068783.D	FC068784.D	FC068785.D	
Aliphatic C9-C12	92936.103333	94455.613333	102249.383333	106509.400000	99515.333333	
Aliphatic C12-C16	84564.075000	86528.120000	94118.675000	97804.550000	91906.600000	
Aliphatic C16-C21	79482.700000	81404.413333	88704.483333	92056.633333	87154.066666	

Initial Calibration Report for SequenceID : FC050625AL

Aliphatic C21-C28	77717.007500	78622.980000	85208.912500	89451.425000	84455.050000	
Aliphatic C28-C40	79534.168333	80038.533333	86214.208333	91598.550000	85728.000000	
Aliphatic EPH	81914.311111	83075.524444	89956.658333	94372.455555	88667.200000	

Continuing Calibration Report for SequenceID : FC051325AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC068847.D

Aliphatic C9-C12	5076115.000	60.000	3.341	6.641	84601.917	99133.167	14.658
Aliphatic C12-C16	3342210.000	40.000	6.642	10.040	83555.250	90984.404	8.165
Aliphatic C16-C21	4878394.000	60.000	10.041	13.406	81306.567	85760.459	5.193
Aliphatic C21-C28	6494834.000	80.000	13.407	17.068	81185.425	83091.075	2.293
Aliphatic C28-C40	11119253.000	120.000	17.069	22.062	92660.442	84622.692	-9.498
Aliphatic EPH	30910806.000	360.000	3.341	22.062	85863.350	87597.230	1.979

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	13 May 2025 13:26
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068847.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.341	6.641	5076115.000	60.000	ug/ml
Aliphatic C12-C16	6.642	10.040	3342210.000	40.000	ug/ml
Aliphatic C16-C21	10.041	13.406	4878394.000	60.000	ug/ml
Aliphatic C21-C28	13.407	17.068	6494834.000	80.000	ug/ml
Aliphatic C28-C40	17.069	22.062	11119253.000	120.000	ug/ml
Aliphatic EPH	3.341	22.062	30910806.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FC051325AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC068859.D

Aliphatic C9-C12	5083896.000	60.000	3.341	6.641	84731.600	99133.167	14.527
Aliphatic C12-C16	3409602.000	40.000	6.642	10.040	85240.050	90984.404	6.314
Aliphatic C16-C21	5004005.000	60.000	10.041	13.406	83400.083	85760.459	2.752
Aliphatic C21-C28	6690971.000	80.000	13.407	17.068	83637.138	83091.075	-0.657
Aliphatic C28-C40	11507836.000	120.000	17.069	22.062	95898.633	84622.692	-13.325
Aliphatic EPH	31696310.000	360.000	3.341	22.062	88045.306	87597.230	-0.512

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	13 May 2025 22:06
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068859.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.341	6.641	5083896.000	60.000	ug/ml
Aliphatic C12-C16	6.642	10.040	3409602.000	40.000	ug/ml
Aliphatic C16-C21	10.041	13.406	5004005.000	60.000	ug/ml
Aliphatic C21-C28	13.407	17.068	6690971.000	80.000	ug/ml
Aliphatic C28-C40	17.069	22.062	11507836.000	120.000	ug/ml
Aliphatic EPH	3.341	22.062	31696310.000	360.000	ug/ml



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
 Data File : FC068851.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 16:24
 Operator : YP/AJ
 Sample : Q1987-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 GC1

Integration File: autoint1.e
 Quant Time: May 14 03:13:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.709	4975977	43.596 ug/ml
Spiked Amount	50.000	Recovery	= 87.19%
12) S 1-chlorooctadecane (S...	13.142	3863145	48.153 ug/ml
Spiked Amount	50.000	Recovery	= 96.31%

Target Compounds

(f)=RT Delta > 1/2 Window

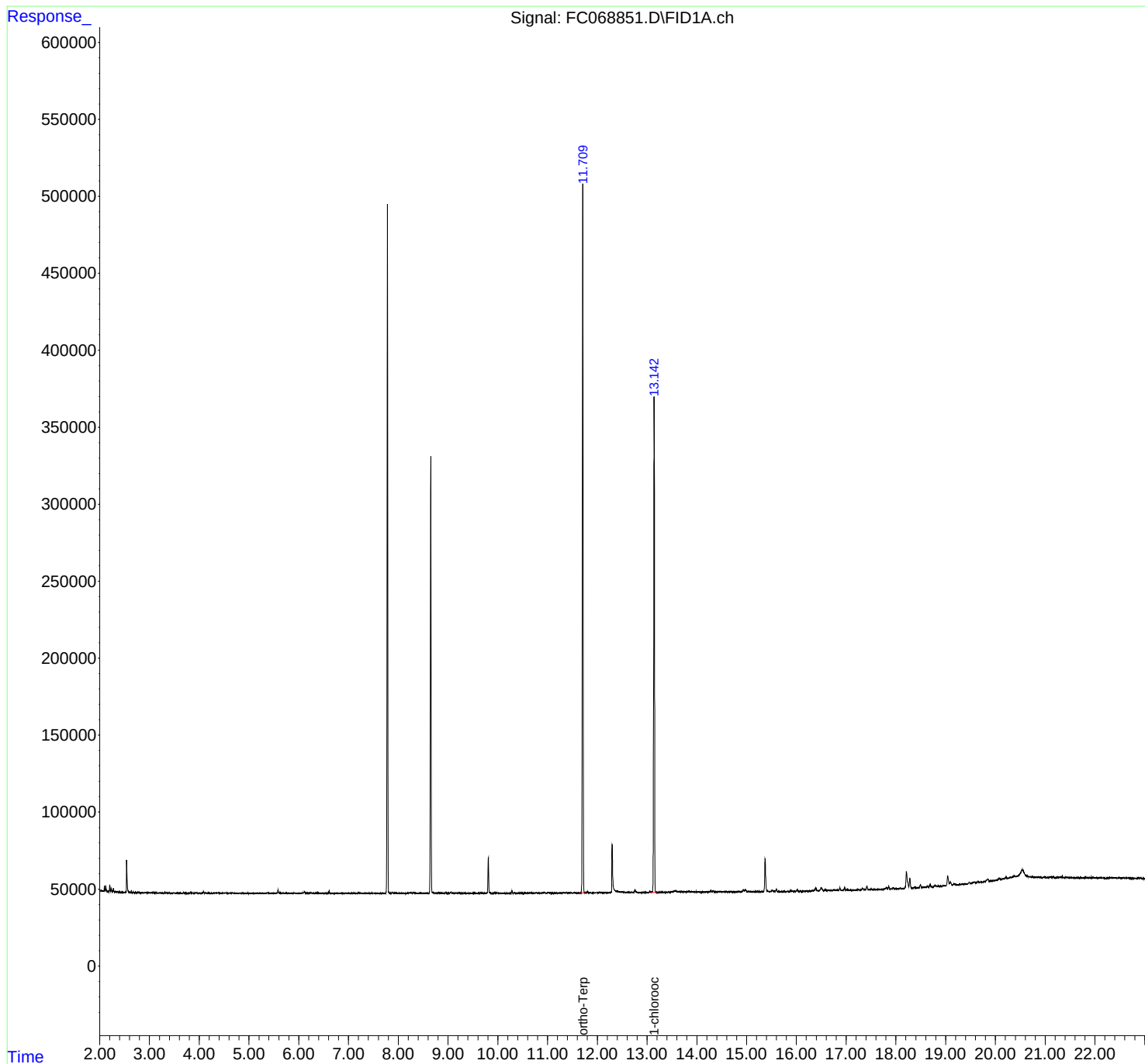
(m)=manual int.

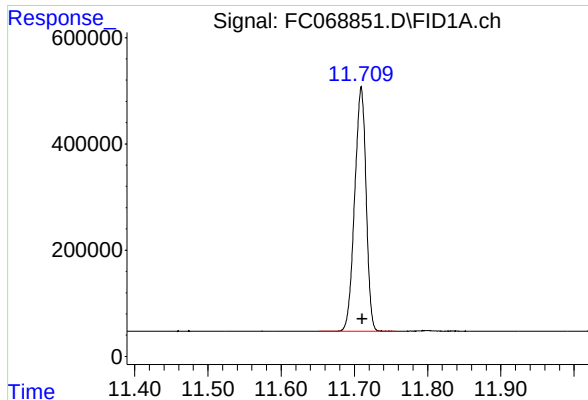
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
Data File : FC068851.D
Signal(s) : FID1A.ch
Acq On : 13 May 2025 16:24
Operator : YP/AJ
Sample : Q1987-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GC1

Integration File: autoint1.e
Quant Time: May 14 03:13:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
Quant Title : GC Extractables
QLast Update : Wed May 07 08:52:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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

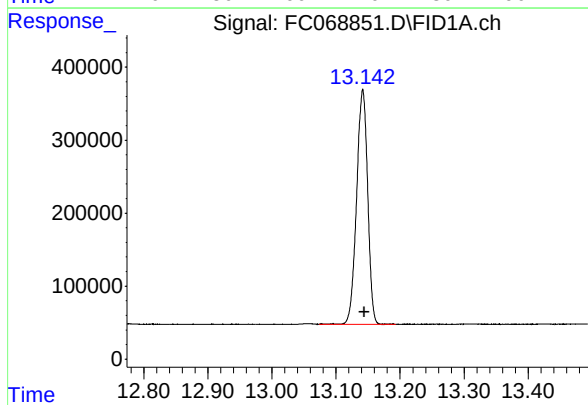




#9 ortho-Terphenyl (SURR)

R.T.: 11.709 min
Delta R.T.: -0.002 min
Response: 4975977
Conc: 43.60 ug/ml

Instrument :
FID_C
ClientSampleId :
GC1



#12 1-chlorooctadecane (SURR)

R.T.: 13.142 min
Delta R.T.: -0.002 min
Response: 3863145
Conc: 48.15 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
 Data File : FC068851.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 16:24
 Sample : Q1987-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.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	3.221	3.204	3.241	BV	84	1165	0.02%	0.007%
2	3.244	3.241	3.281	VV	92	1227	0.02%	0.008%
3	3.327	3.281	3.339	PV	177	3792	0.08%	0.023%
4	3.344	3.339	3.418	VV	150	4316	0.09%	0.026%
5	3.435	3.418	3.475	PV	174	2765	0.06%	0.017%
6	3.489	3.475	3.535	PV	100	2248	0.05%	0.014%
7	3.559	3.535	3.604	VV	158	3044	0.06%	0.019%
8	3.625	3.604	3.664	VV	225	3335	0.07%	0.020%
9	3.686	3.664	3.810	VV	326	10854	0.22%	0.066%
10	3.825	3.810	3.881	VV	399	6581	0.13%	0.040%
11	3.891	3.881	3.911	VV	132	1630	0.03%	0.010%
12	3.925	3.911	3.984	VV	297	5935	0.12%	0.036%
13	4.011	3.984	4.068	VV	165	4753	0.10%	0.029%
14	4.088	4.068	4.108	VV	1348	12347	0.25%	0.076%
15	4.122	4.108	4.155	VV	188	3995	0.08%	0.024%
16	4.170	4.155	4.204	PV	128	2682	0.05%	0.016%
17	4.215	4.204	4.256	VV	117	2531	0.05%	0.015%
18	4.281	4.256	4.295	VV	221	2643	0.05%	0.016%
19	4.319	4.295	4.328	VV	198	2869	0.06%	0.018%
20	4.334	4.328	4.348	VV	157	1750	0.04%	0.011%
21	4.374	4.348	4.427	VV	217	6195	0.12%	0.038%
22	4.445	4.427	4.464	VV	139	2068	0.04%	0.013%
23	4.517	4.464	4.545	VV	420	8730	0.18%	0.053%
24	4.555	4.545	4.594	VV	257	4715	0.09%	0.029%
25	4.606	4.594	4.648	VV	182	3824	0.08%	0.023%
26	4.661	4.648	4.708	VV	340	5941	0.12%	0.036%
27	4.723	4.708	4.742	VV	108	1890	0.04%	0.012%
28	4.759	4.742	4.794	VV	107	2159	0.04%	0.013%
29	4.800	4.794	4.814	VV	70	699	0.01%	0.004%
30	4.830	4.814	4.916	VV	117	3801	0.08%	0.023%
31	4.948	4.916	5.004	VV	90	2905	0.06%	0.018%
32	5.015	5.004	5.034	VV	89	929	0.02%	0.006%
33	5.090	5.034	5.125	PV	153	4806	0.10%	0.029%
34	5.151	5.125	5.171	VV	252	3129	0.06%	0.019%
35	5.208	5.171	5.247	VV	152	3524	0.07%	0.022%
36	5.257	5.247	5.270	VV	112	1057	0.02%	0.006%

					rteres			
37	5.289	5.270	5.317	VV	123	2356	0.05%	0.014%
38	5.325	5.317	5.332	VV	121	698	0.01%	0.004%
39	5.375	5.332	5.425	VV	537	9116	0.18%	0.056%
40	5.582	5.425	5.641	VV	2054	33327	0.67%	0.204%
41	5.649	5.641	5.691	VV	212	4207	0.08%	0.026%
42	5.710	5.691	5.778	VV	130	5069	0.10%	0.031%
43	5.792	5.778	5.824	VV	95	2056	0.04%	0.013%
44	5.836	5.824	5.844	VV	123	1184	0.02%	0.007%
45	5.856	5.844	5.884	VV	172	2641	0.05%	0.016%
46	5.903	5.884	5.924	VV	176	2877	0.06%	0.018%
47	5.938	5.924	5.951	VV	145	1232	0.02%	0.008%
48	5.964	5.951	5.973	VV	132	783	0.02%	0.005%
49	5.985	5.973	6.035	VV	81	2920	0.06%	0.018%
50	6.071	6.035	6.087	VV	312	5043	0.10%	0.031%
51	6.113	6.087	6.151	VV	1118	16016	0.32%	0.098%
52	6.182	6.151	6.197	VV	242	4243	0.09%	0.026%
53	6.206	6.197	6.218	VV	227	2236	0.04%	0.014%
54	6.252	6.218	6.303	VV	300	9315	0.19%	0.057%
55	6.329	6.303	6.367	VV	131	4746	0.10%	0.029%
56	6.386	6.367	6.439	VV	523	10120	0.20%	0.062%
57	6.470	6.439	6.514	VV	157	4460	0.09%	0.027%
58	6.542	6.514	6.571	VV	213	4735	0.10%	0.029%
59	6.577	6.571	6.586	VV	106	885	0.02%	0.005%
60	6.610	6.586	6.651	VV	1178	14213	0.29%	0.087%
61	6.663	6.651	6.728	VV	116	3699	0.07%	0.023%
62	6.755	6.728	6.768	PV	136	1772	0.04%	0.011%
63	6.797	6.768	6.812	VV	104	1732	0.03%	0.011%
64	6.824	6.812	6.839	VV	160	1560	0.03%	0.010%
65	6.847	6.839	6.880	VV	109	1886	0.04%	0.012%
66	6.897	6.880	6.915	VV	116	1535	0.03%	0.009%
67	6.935	6.915	6.954	VV	378	3696	0.07%	0.023%
68	6.995	6.954	7.041	VV	186	5710	0.11%	0.035%
69	7.070	7.041	7.104	VV	178	5951	0.12%	0.036%
70	7.168	7.104	7.185	VV	236	6900	0.14%	0.042%
71	7.202	7.185	7.241	VV	320	6934	0.14%	0.042%
72	7.250	7.241	7.264	VV	182	1847	0.04%	0.011%
73	7.268	7.264	7.278	VV	135	763	0.02%	0.005%
74	7.296	7.278	7.324	VV	127	2790	0.06%	0.017%
75	7.333	7.324	7.351	VV	206	1795	0.04%	0.011%
76	7.359	7.351	7.364	VV	92	688	0.01%	0.004%
77	7.372	7.364	7.390	VV	135	1300	0.03%	0.008%
78	7.406	7.390	7.429	VV	184	2595	0.05%	0.016%
79	7.435	7.429	7.444	VV	124	835	0.02%	0.005%
80	7.467	7.444	7.514	VV	298	5321	0.11%	0.033%
81	7.521	7.514	7.564	VV	124	2117	0.04%	0.013%
82	7.583	7.564	7.604	VV	134	2316	0.05%	0.014%
83	7.613	7.604	7.637	VV	124	1388	0.03%	0.009%
84	7.651	7.637	7.668	VV	131	1106	0.02%	0.007%
85	7.693	7.668	7.718	VV	165	2554	0.05%	0.016%
86	7.876	7.845	7.911	VV	517	11269	0.23%	0.069%
87	7.921	7.911	7.942	VV	437	5190	0.10%	0.032%
88	7.950	7.942	7.978	VV	170	2846	0.06%	0.017%
89	7.986	7.978	8.001	VV	127	1277	0.03%	0.008%

					rt	Area	Height	%Area	%Height
90	8.030	8.001	8.084	VV	169	5329	0.11%	0.033%	
91	8.118	8.084	8.137	VV	140	2903	0.06%	0.018%	
92	8.149	8.137	8.172	VV	152	2226	0.04%	0.014%	
93	8.194	8.172	8.207	VV	214	3702	0.07%	0.023%	
94	8.233	8.207	8.253	VV	347	7588	0.15%	0.046%	
95	8.274	8.253	8.284	VV	296	5012	0.10%	0.031%	
96	8.300	8.284	8.321	VV	430	6827	0.14%	0.042%	
97	8.335	8.321	8.377	VV	320	5378	0.11%	0.033%	
98	8.455	8.377	8.516	VV	272	9788	0.20%	0.060%	
99	8.521	8.516	8.551	VV	102	1511	0.03%	0.009%	
100	8.567	8.551	8.610	VV	180	3953	0.08%	0.024%	
101	8.773	8.758	8.788	VV	199	2962	0.06%	0.018%	
102	8.807	8.788	8.891	VV	437	12142	0.24%	0.074%	
103	8.897	8.891	8.906	VV	151	1076	0.02%	0.007%	
104	8.960	8.906	8.982	VV	287	8524	0.17%	0.052%	
105	8.992	8.982	9.008	VV	132	2164	0.04%	0.013%	
106	9.056	9.008	9.136	VV	648	18983	0.38%	0.116%	
107	9.159	9.136	9.204	VV	311	8803	0.18%	0.054%	
108	9.220	9.204	9.283	VV	327	9081	0.18%	0.056%	
109	9.294	9.283	9.330	VV	135	2473	0.05%	0.015%	
110	9.342	9.330	9.438	VV	114	5158	0.10%	0.032%	
111	9.539	9.438	9.641	VV	187	13890	0.28%	0.085%	
112	9.665	9.641	9.748	VV	163	6176	0.12%	0.038%	
113	9.811	9.748	9.904	VV	23017	248357	4.99%	1.521%	
114	9.937	9.904	10.024	VV	351	10008	0.20%	0.061%	
115	10.045	10.024	10.096	VV	209	3621	0.07%	0.022%	
116	10.114	10.096	10.136	VV	121	1252	0.03%	0.008%	
117	10.285	10.136	10.314	PV	1482	22162	0.44%	0.136%	
118	10.327	10.314	10.400	VV	214	6853	0.14%	0.042%	
119	10.417	10.400	10.451	VV	129	3195	0.06%	0.020%	
120	10.468	10.451	10.499	VV	154	2259	0.05%	0.014%	
121	10.582	10.499	10.618	VV	220	9288	0.19%	0.057%	
122	10.632	10.618	10.651	VV	243	3540	0.07%	0.022%	
123	10.677	10.651	10.724	VV	219	6630	0.13%	0.041%	
124	10.777	10.724	10.851	VV	343	10541	0.21%	0.065%	
125	10.936	10.851	10.984	VV	838	17561	0.35%	0.108%	
126	11.009	10.984	11.078	VV	670	13889	0.28%	0.085%	
127	11.117	11.078	11.135	VV	126	2772	0.06%	0.017%	
128	11.223	11.135	11.284	PV	139	7018	0.14%	0.043%	
129	11.312	11.284	11.368	VV	610	11556	0.23%	0.071%	
130	11.385	11.368	11.433	VV	394	6550	0.13%	0.040%	
131	11.466	11.433	11.504	VV	266	7079	0.14%	0.043%	
132	11.543	11.504	11.561	VV	205	3605	0.07%	0.022%	
133	11.575	11.561	11.608	VV	191	1996	0.04%	0.012%	
134	11.709	11.608	11.758	PV	452708	4980512	100.00%	30.498%	
135	11.799	11.758	11.881	VV	1084	23979	0.48%	0.147%	
136	11.911	11.881	11.938	VV	126	2375	0.05%	0.015%	
137	12.048	11.938	12.076	PV	277	8763	0.18%	0.054%	
138	12.144	12.076	12.188	VV	274	7692	0.15%	0.047%	
139	12.299	12.188	12.461	VV	29148	438360	8.80%	2.684%	
140	12.501	12.461	12.601	VV	605	36006	0.72%	0.220%	
141	12.631	12.601	12.671	VV	387	13017	0.26%	0.080%	

					rteres			
142	12.691	12.671	12.714	VV	465	7862	0.16%	0.048%
143	12.757	12.714	12.901	VV	2078	45186	0.91%	0.277%
144	12.954	12.901	13.008	VV	131	6227	0.13%	0.038%
145	13.015	13.008	13.034	VV	108	1416	0.03%	0.009%
146	13.057	13.034	13.076	VV	979	11622	0.23%	0.071%
147	13.141	13.076	13.224	VV	320381	3871435	77.73%	23.706%
148	13.257	13.224	13.284	VV	186	3908	0.08%	0.024%
149	13.311	13.284	13.358	VV	266	7294	0.15%	0.045%
150	13.557	13.358	13.622	VV	1101	67772	1.36%	0.415%
151	13.640	13.622	13.689	VV	636	19255	0.39%	0.118%
152	13.711	13.689	13.727	VV	402	8851	0.18%	0.054%
153	13.748	13.727	13.818	VV	438	17555	0.35%	0.107%
154	13.842	13.818	13.871	VV	1041	16763	0.34%	0.103%
155	13.890	13.871	13.934	VV	438	10458	0.21%	0.064%
156	13.980	13.934	14.001	VV	382	7652	0.15%	0.047%
157	14.022	14.001	14.079	VV	366	8301	0.17%	0.051%
158	14.115	14.079	14.228	VV	211	10091	0.20%	0.062%
159	14.282	14.228	14.304	VV	1017	17260	0.35%	0.106%
160	14.329	14.304	14.358	VV	905	15525	0.31%	0.095%
161	14.383	14.358	14.429	VV	288	7591	0.15%	0.046%
162	14.456	14.429	14.501	VV	403	10594	0.21%	0.065%
163	14.563	14.501	14.599	VV	306	12814	0.26%	0.078%
164	14.622	14.599	14.651	VV	261	4853	0.10%	0.030%
165	14.677	14.651	14.794	VV	365	10407	0.21%	0.064%
166	14.838	14.794	14.904	VV	449	11648	0.23%	0.071%
167	14.934	14.904	14.951	VV	1593	23083	0.46%	0.141%
168	14.975	14.951	15.018	VV	1816	35886	0.72%	0.220%
169	15.040	15.018	15.073	VV	471	8224	0.17%	0.050%
170	15.097	15.073	15.121	VV	227	4693	0.09%	0.029%
171	15.187	15.121	15.213	VV	157	6700	0.13%	0.041%
172	15.248	15.213	15.321	VV	192	8265	0.17%	0.051%
173	15.372	15.321	15.491	VV	21176	306210	6.15%	1.875%
174	15.515	15.491	15.558	VV	1006	19952	0.40%	0.122%
175	15.597	15.558	15.680	VV	1635	28891	0.58%	0.177%
176	15.702	15.680	15.724	VV	90	1541	0.03%	0.009%
177	15.770	15.724	15.808	PV	166	4797	0.10%	0.029%
178	15.835	15.808	15.861	VV	162	3090	0.06%	0.019%
179	15.893	15.861	15.987	PV	633	16909	0.34%	0.104%
180	16.016	15.987	16.061	VV	1114	16885	0.34%	0.103%
181	16.072	16.061	16.124	VV	138	2850	0.06%	0.017%
182	16.156	16.124	16.175	PV	150	2335	0.05%	0.014%
183	16.215	16.175	16.262	PV	142	4807	0.10%	0.029%
184	16.388	16.262	16.440	VV	2198	51072	1.03%	0.313%
185	16.495	16.440	16.554	VV	2229	58003	1.16%	0.355%
186	16.582	16.554	16.608	VV	902	13677	0.27%	0.084%
187	16.632	16.608	16.688	VV	430	10341	0.21%	0.063%
188	16.700	16.688	16.717	VV	158	1675	0.03%	0.010%
189	16.750	16.717	16.791	PV	595	11907	0.24%	0.073%
190	16.814	16.791	16.841	VV	422	5677	0.11%	0.035%
191	16.870	16.841	16.921	VV	1596	21748	0.44%	0.133%
192	16.967	16.921	16.991	PBA	1284	20605	0.41%	0.126%
193	17.018	16.991	17.074	BV	536	10547	0.21%	0.065%
194	17.120	17.074	17.150	PV	105	3523	0.07%	0.022%

					rterres			
195	17.179	17.150	17.204	PV	138	2435	0.05%	0.015%
196	17.228	17.204	17.274	VV	497	7030	0.14%	0.043%
197	17.331	17.274	17.384	VV	1081	24881	0.50%	0.152%
198	17.416	17.384	17.464	VV	2536	39016	0.78%	0.239%
199	17.502	17.464	17.537	VV	367	7499	0.15%	0.046%
200	17.562	17.537	17.612	VV	171	4557	0.09%	0.028%
201	17.636	17.612	17.654	PV	90	1783	0.04%	0.011%
202	17.701	17.654	17.745	VV	174	4267	0.09%	0.026%
203	17.810	17.745	17.834	VV	1130	22236	0.45%	0.136%
204	17.854	17.834	17.918	VV	1669	24725	0.50%	0.151%
205	17.945	17.918	17.994	PV	699	11468	0.23%	0.070%
206	18.093	17.994	18.161	VV	459	7921	0.16%	0.049%
207	18.212	18.161	18.256	PV	10808	219260	4.40%	1.343%
208	18.280	18.256	18.343	VV	6496	94255	1.89%	0.577%
209	18.373	18.343	18.428	VV	408	10792	0.22%	0.066%
210	18.493	18.428	18.564	VV	2033	35101	0.70%	0.215%
211	18.633	18.564	18.653	VV	500	11942	0.24%	0.073%
212	18.686	18.653	18.741	VV	1960	39248	0.79%	0.240%
213	18.788	18.741	18.831	VV	1036	27665	0.56%	0.169%
214	18.854	18.831	18.881	VV	553	12842	0.26%	0.079%
215	19.041	18.881	19.071	VV	6793	159848	3.21%	0.979%
216	19.092	19.071	19.141	VV	2437	68595	1.38%	0.420%
217	19.169	19.141	19.214	VV	1417	46319	0.93%	0.284%
218	19.227	19.214	19.246	VV	861	14566	0.29%	0.089%
219	19.282	19.246	19.308	VV	928	28888	0.58%	0.177%
220	19.340	19.308	19.362	VV	1017	28476	0.57%	0.174%
221	19.387	19.362	19.421	VV	995	30750	0.62%	0.188%
222	19.474	19.421	19.501	VV	1969	61042	1.23%	0.374%
223	19.578	19.501	19.611	VV	1843	94348	1.89%	0.578%
224	19.652	19.611	19.682	VV	2076	70220	1.41%	0.430%
225	19.720	19.682	19.744	VV	1748	61242	1.23%	0.375%
226	19.770	19.744	19.788	VV	1830	46213	0.93%	0.283%
227	19.847	19.788	19.898	VV	3615	164769	3.31%	1.009%
228	19.948	19.898	19.971	VV	2209	93206	1.87%	0.571%
229	20.072	19.971	20.112	VV	3428	227200	4.56%	1.391%
230	20.214	20.112	20.248	VV	4163	270559	5.43%	1.657%
231	20.380	20.248	20.414	VV	4683	388406	7.80%	2.378%
232	20.538	20.414	20.881	VV	8546	1233694	24.77%	7.554%
233	20.902	20.881	20.941	VV	2884	98998	1.99%	0.606%
234	20.984	20.941	21.025	VV	2869	134582	2.70%	0.824%
235	21.056	21.025	21.069	VV	2494	64791	1.30%	0.397%
236	21.120	21.069	21.141	VV	2518	107376	2.16%	0.658%
237	21.159	21.141	21.241	VV	2482	138100	2.77%	0.846%
238	21.306	21.241	21.344	VV	2188	133439	2.68%	0.817%
239	21.348	21.344	21.377	VV	2538	40045	0.80%	0.245%
240	21.438	21.377	21.481	VV	2056	114848	2.31%	0.703%
241	21.532	21.481	21.581	VV	1651	94761	1.90%	0.580%
242	21.598	21.581	21.688	VV	1481	87144	1.75%	0.534%
243	21.706	21.688	21.743	VV	1268	40399	0.81%	0.247%
244	21.819	21.743	21.928	VV	1202	117661	2.36%	0.720%
245	21.964	21.928	22.018	VV	897	41912	0.84%	0.257%
246	22.052	22.018	22.094	VV	691	30090	0.60%	0.184%

rteres									
247	22.105	22.094	22.204	VV	820	25792	0.52%	0.158%	
248	22.327	22.204	22.362	VV	214	12053	0.24%	0.074%	
249	22.377	22.362	22.401	PBA	70	8479	0.17%	0.052%	
Sum of corrected areas:						16330739			

Aliphatic EPH 050625.M Wed May 14 03:43:51 2025

A
B
C
D
E
F
G
H
I
J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
 Data File : FC068848.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 14:31
 Operator : YP/AJ
 Sample : PB167974BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167974BL

Integration File: autoint1.e
 Quant Time: May 14 03:12:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.709	4495541	39.387 ug/ml
Spiked Amount	50.000	Recovery	= 78.77%
12) S 1-chlorooctadecane (S...	13.142	3453231	43.044 ug/ml
Spiked Amount	50.000	Recovery	= 86.09%

Target Compounds

(f)=RT Delta > 1/2 Window

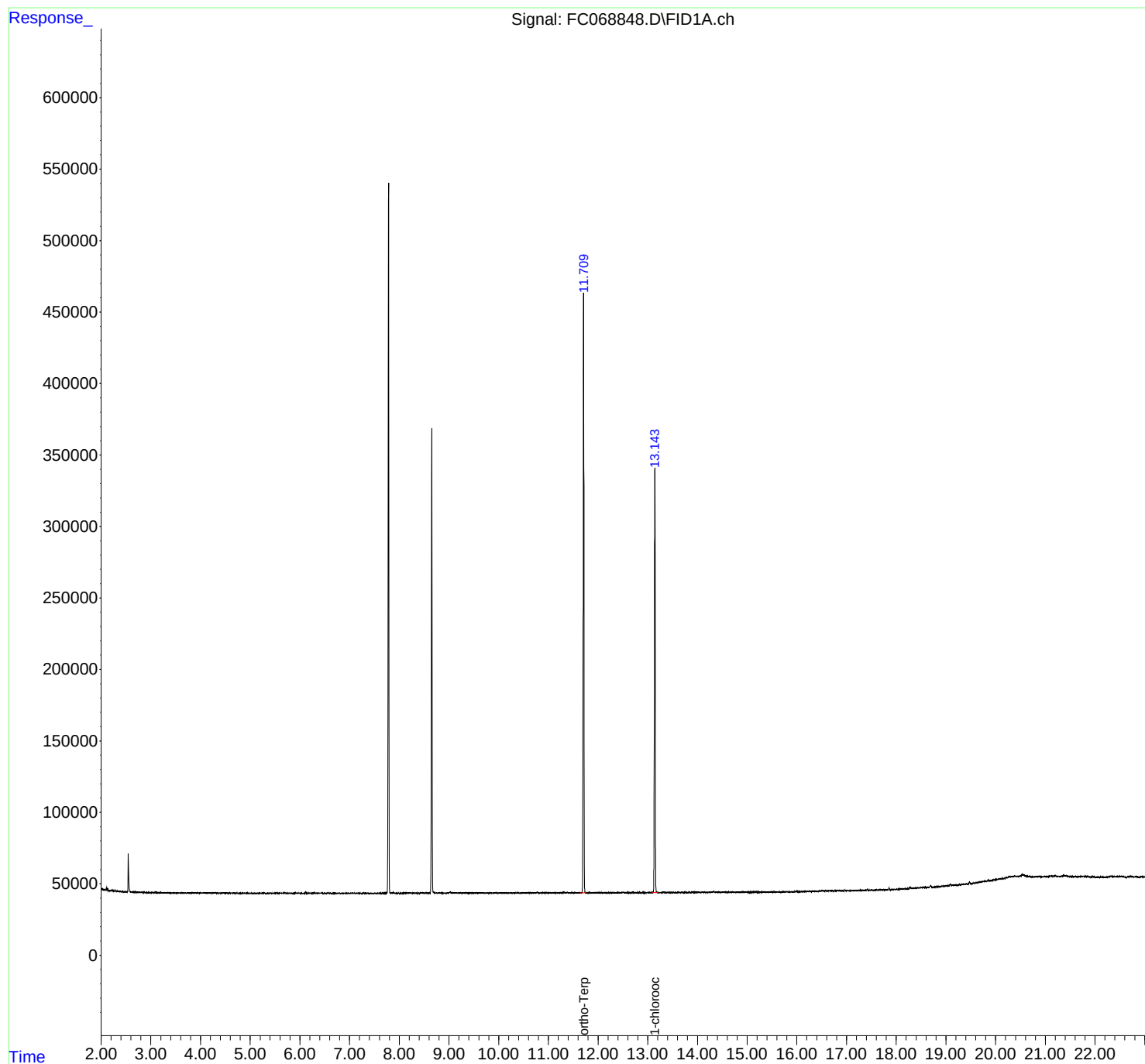
(m)=manual int.

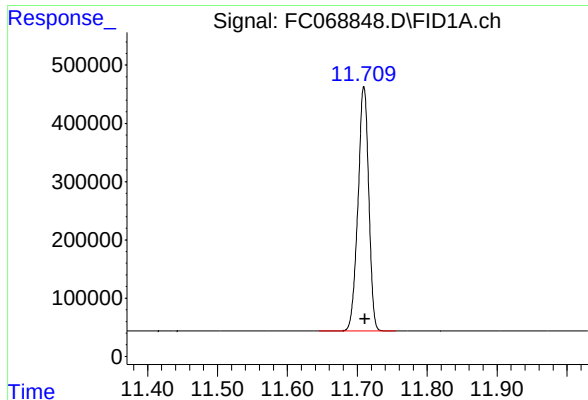
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
Data File : FC068848.D
Signal(s) : FID1A.ch
Acq On : 13 May 2025 14:31
Operator : YP/AJ
Sample : PB167974BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB167974BL

Integration File: autoint1.e
Quant Time: May 14 03:12:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
Quant Title : GC Extractables
QLast Update : Wed May 07 08:52:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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

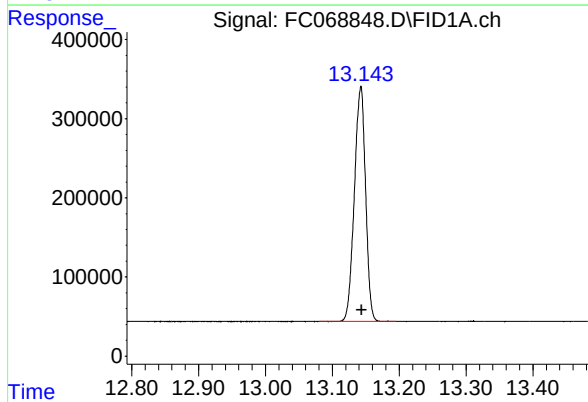




#9 ortho-Terphenyl (SURR)

R.T.: 11.709 min
Delta R.T.: -0.001 min
Response: 4495541
Conc: 39.39 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167974BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.142 min
Delta R.T.: -0.002 min
Response: 3453231
Conc: 43.04 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
 Data File : FC068848.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 14:31
 Sample : PB167974BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.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	11.709	11.645	11.755	BB	419408	4495541	100.00%	56.556%
2	13.142	13.080	13.195	BB	295557	3453231	76.81%	43.444%
Sum of corrected areas:						7948773		

Aliphatic EPH 050625.M Wed May 14 03:36:49 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
 Data File : FC068849.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 15:08
 Operator : YP/AJ
 Sample : PB167974BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167974BS

Integration File: autoint1.e
 Quant Time: May 14 03:13:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.709	4422950	38.751 ug/ml
Spiked Amount 50.000		Recovery =	77.50%
12) S 1-chlorooctadecane (S...	13.141	3462600	43.161 ug/ml
Spiked Amount 50.000		Recovery =	86.32%
Target Compounds			
1) T n-Nonane (C9)	3.449	4609115	45.825 ug/ml
2) T n-Decane (C10)	4.521	4881416	48.990 ug/ml
3) T A~Naphthalene (C11.7)	6.115	5700780	51.702 ug/ml
4) T n-Dodecane (C12)	6.542	5007738	51.532 ug/ml
5) T A~2-methylnaphthalene...	7.173	5256962	48.978 ug/ml
6) T n-Tetradecane (C14)	8.341	5232492	56.614 ug/ml
7) T n-Hexadecane (C16)	9.943	5302293	59.214 ug/ml
8) T n-Octadecane (C18)	11.386	5266443	60.038 ug/ml
10) T n-Eicosane (C20)	12.697	5365249	62.959 ug/ml
11) T n-Heneicosane (C21)	13.309	5128884	60.808 ug/ml
13) T n-Docosane (C22)	13.894	5091739	60.864 ug/ml
14) T n-Tetracosane (C24)	14.994	10476547	125.910 ug/ml
15) T n-Hexacosane (C26)	16.022	4981305	60.122 ug/ml
16) T n-Octacosane (C28)	16.972	5030760	60.871 ug/ml
17) T n-Tricontane (C30)	17.862	5015132	59.272 ug/ml
18) T n-Dotriacontane (C32)	18.693	4992234	57.958 ug/ml
19) T n-Tetratriacontane (C34)	19.478	5073106	59.543 ug/ml
20) T n-Hexatriacontane (C36)	20.218	4904532	57.064 ug/ml
21) T n-Octatriacontane (C38)	20.992	4883801	58.221 ug/ml
22) T n-Tetracontane (C40)	21.968	4876617	59.503 ug/ml

(f)=RT Delta > 1/2 Window

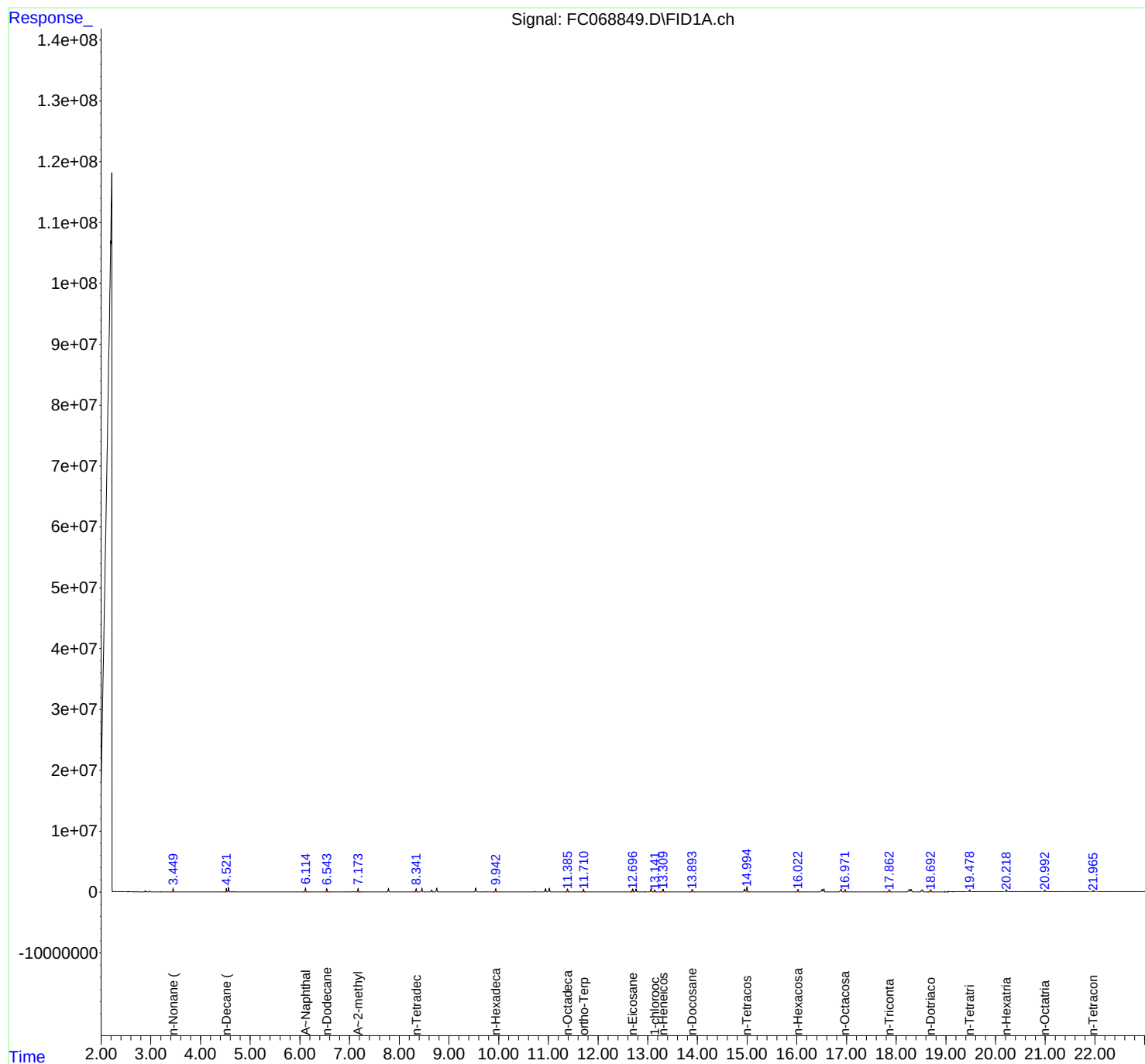
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
Data File : FC068849.D
Signal(s) : FID1A.ch
Acq On : 13 May 2025 15:08
Operator : YP/AJ
Sample : PB167974BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB167974BS

Integration File: autoint1.e
Quant Time: May 14 03:13:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
Quant Title : GC Extractables
QLast Update : Wed May 07 08:52:03 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\FC051325AL\
 Data File : FC068849.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 15:08
 Sample : PB167974BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.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	3.449	3.395	3.487	BB	551698	4609115	43.99%	2.303%
2	4.521	4.467	4.543	BV	553684	4881416	46.59%	2.439%
3	4.566	4.543	4.609	VV	608418	5334410	50.92%	2.665%
4	6.115	6.050	6.180	BB	621326	5700780	54.41%	2.848%
5	6.542	6.484	6.589	BB	511178	5007738	47.80%	2.502%
6	7.173	7.130	7.234	BB	550654	5256962	50.18%	2.626%
7	8.341	8.285	8.382	BB	523160	5232492	49.94%	2.614%
8	8.458	8.390	8.499	BB	607020	5888427	56.21%	2.942%
9	8.756	8.707	8.792	BB	597468	5929615	56.60%	2.962%
10	9.540	9.474	9.604	BB	589016	6030111	57.56%	3.013%
11	9.943	9.875	9.994	BB	489092	5302293	50.61%	2.649%
12	10.945	10.859	10.984	BV	526457	5800726	55.37%	2.898%
13	11.021	10.984	11.075	VV	545601	5707012	54.47%	2.851%
14	11.386	11.340	11.427	BB	448874	5266443	50.27%	2.631%
15	11.709	11.652	11.757	BB	405649	4422950	42.22%	2.210%
16	12.697	12.627	12.728	BV	446910	5365249	51.21%	2.680%
17	12.767	12.728	12.815	PB	481796	5710742	54.51%	2.853%
18	13.067	12.994	13.095	BV	498441	5590573	53.36%	2.793%
19	13.141	13.095	13.197	VB	288053	3462600	33.05%	1.730%
20	13.309	13.237	13.359	BB	434213	5128884	48.96%	2.562%
21	13.894	13.827	13.944	BB	415017	5091739	48.60%	2.544%
22	14.947	14.880	14.966	BV	431382	5526870	52.75%	2.761%
23	14.994	14.966	15.054	VB	797239	10476547	100.00%	5.234%
24	16.022	15.959	16.069	BB	389670	4981305	47.55%	2.489%
25	16.507	16.424	16.523	BV	381431	5712243	54.52%	2.854%
26	16.543	16.523	16.602	VB	470832	5659179	54.02%	2.827%
27	16.890	16.812	16.930	BV	407759	5494864	52.45%	2.745%
28	16.972	16.930	17.015	VB	365362	5030760	48.02%	2.513%
29	17.862	17.795	17.917	BB	354188	5015132	47.87%	2.506%
30	18.265	18.177	18.279	BV	374989	5872345	56.05%	2.934%
31	18.302	18.279	18.370	VB	395399	5367208	51.23%	2.681%
32	18.522	18.439	18.567	BB	354842	5576394	53.23%	2.786%
33	18.693	18.627	18.742	BB	349328	4992234	47.65%	2.494%
34	19.478	19.407	19.525	BB	349828	5073106	48.42%	2.534%
35	20.218	20.150	20.260	BB	338942	4904532	46.81%	2.450%

						rters			
36	20.992	20.910	21.039	BB	274878	4883801	46.62%	2.440%	
37	21.968	21.870	22.062	BB	189404	4876617	46.55%	2.436%	
						Sum of corrected areas:	200163412		

Aliphatic EPH 050625.M Wed May 14 03:37:58 2025

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
 Data File : FC068850.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 15:46
 Operator : YP/AJ
 Sample : PB167974BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167974BSD

Integration File: autoint1.e
 Quant Time: May 14 03:13:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.710	4358963	38.190 ug/ml
Spiked Amount 50.000		Recovery =	76.38%
12) S 1-chlorooctadecane (S...	13.141	3420285	42.633 ug/ml
Spiked Amount 50.000		Recovery =	85.27%
Target Compounds			
1) T n-Nonane (C9)	3.450	4644219	46.174 ug/ml
2) T n-Decane (C10)	4.521	4906571	49.242 ug/ml
3) T A~Naphthalene (C11.7)	6.115	5674741	51.466 ug/ml
4) T n-Dodecane (C12)	6.543	4989369	51.343 ug/ml
5) T A~2-methylnaphthalene...	7.173	5214519	48.583 ug/ml
6) T n-Tetradecane (C14)	8.341	5173808	55.979 ug/ml
7) T n-Hexadecane (C16)	9.943	5228995	58.396 ug/ml
8) T n-Octadecane (C18)	11.386	5195780	59.233 ug/ml
10) T n-Eicosane (C20)	12.696	5295180	62.137 ug/ml
11) T n-Heneicosane (C21)	13.308	5063729	60.036 ug/ml
13) T n-Docosane (C22)	13.896	5027362	60.094 ug/ml
14) T n-Tetracosane (C24)	14.994	10362672	124.541 ug/ml
15) T n-Hexacosane (C26)	16.023	4923519	59.424 ug/ml
16) T n-Octacosane (C28)	16.972	4966626	60.095 ug/ml
17) T n-Tricontane (C30)	17.862	4947948	58.478 ug/ml
18) T n-Dotriacontane (C32)	18.695	4928684	57.220 ug/ml
19) T n-Tetratriacontane (C34)	19.478	5007147	58.769 ug/ml
20) T n-Hexatriacontane (C36)	20.218	4852149	56.454 ug/ml
21) T n-Octatriacontane (C38)	20.992	4848446	57.800 ug/ml
22) T n-Tetracontane (C40)	21.968	4842928	59.092 ug/ml

(f)=RT Delta > 1/2 Window

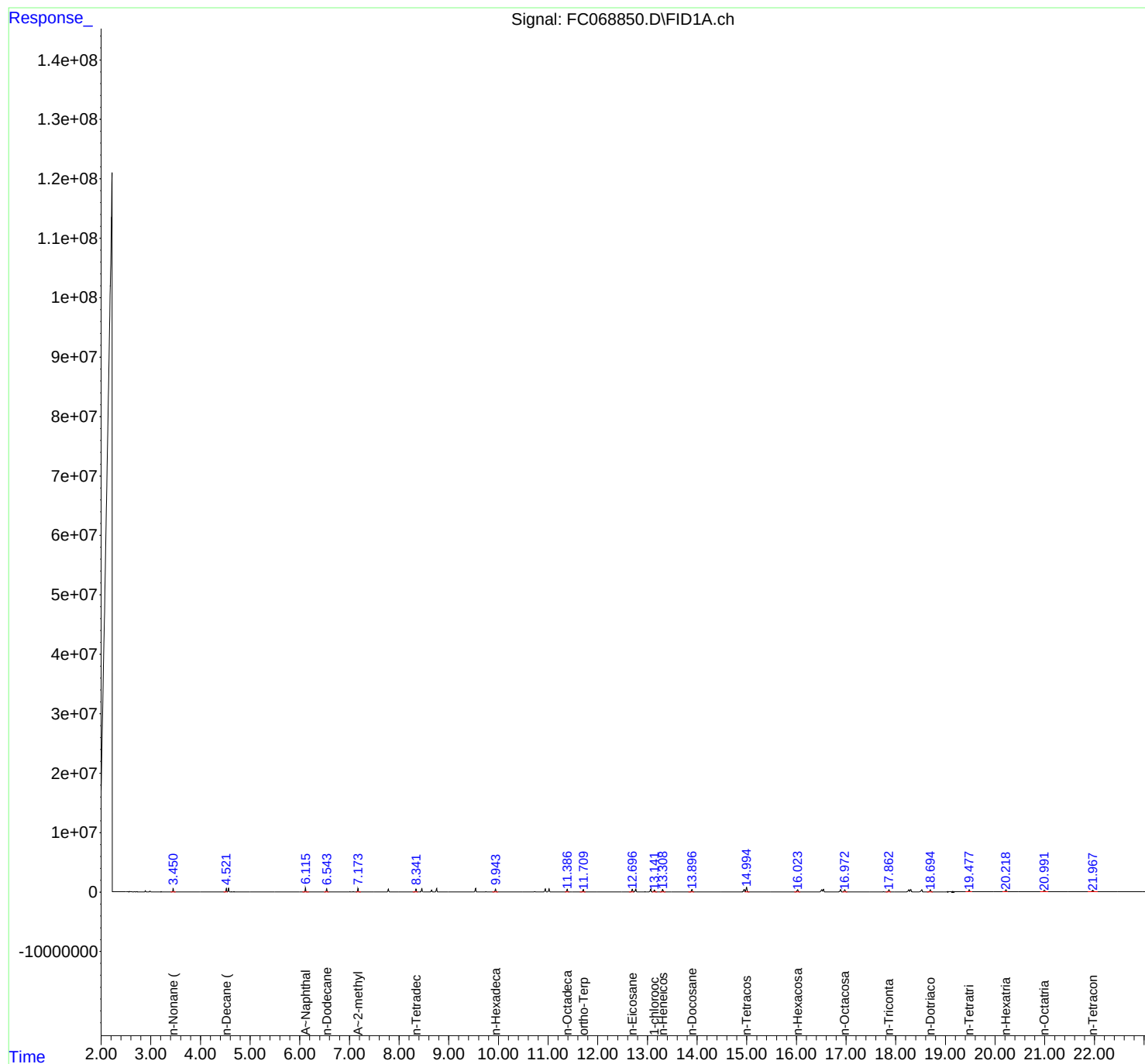
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
Data File : FC068850.D
Signal(s) : FID1A.ch
Acq On : 13 May 2025 15:46
Operator : YP/AJ
Sample : PB167974BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB167974BSD

Integration File: autoint1.e
Quant Time: May 14 03:13:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
Quant Title : GC Extractables
QLast Update : Wed May 07 08:52:03 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\FC051325AL\
 Data File : FC068850.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 15:46
 Sample : PB167974BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.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	3.450	3.397	3.502	BB	564756	4644219	44.82%	2.342%
2	4.521	4.465	4.544	BV	553191	4906571	47.35%	2.475%
3	4.566	4.544	4.608	VV	613680	5348680	51.61%	2.698%
4	6.115	6.052	6.180	BB	634448	5674741	54.76%	2.862%
5	6.543	6.487	6.580	BB	524922	4989369	48.15%	2.516%
6	7.173	7.130	7.233	BB	554394	5214519	50.32%	2.630%
7	8.341	8.273	8.375	BB	490584	5173808	49.93%	2.609%
8	8.459	8.403	8.498	BB	578717	5814665	56.11%	2.933%
9	8.757	8.707	8.793	BB	603018	5851788	56.47%	2.951%
10	9.540	9.473	9.603	BB	591674	5956476	57.48%	3.004%
11	9.943	9.875	9.992	BB	489438	5228995	50.46%	2.637%
12	10.945	10.860	10.980	BV	530148	5732966	55.32%	2.891%
13	11.021	10.980	11.075	VV	527324	5653207	54.55%	2.851%
14	11.386	11.340	11.423	BB	448245	5195780	50.14%	2.620%
15	11.710	11.640	11.753	BB	395275	4358963	42.06%	2.198%
16	12.696	12.627	12.728	BV	443602	5295180	51.10%	2.671%
17	12.768	12.728	12.813	VB	489538	5635735	54.38%	2.842%
18	13.067	12.993	13.095	BV	489325	5519161	53.26%	2.784%
19	13.141	13.095	13.197	VB	298702	3420285	33.01%	1.725%
20	13.308	13.250	13.363	BB	422921	5063729	48.87%	2.554%
21	13.896	13.827	13.940	BB	418755	5027362	48.51%	2.535%
22	14.946	14.873	14.966	BV	404949	5481552	52.90%	2.765%
23	14.994	14.966	15.055	VB	787026	10362672	100.00%	5.226%
24	16.023	15.957	16.077	BB	374034	4923519	47.51%	2.483%
25	16.507	16.435	16.522	BV	365759	5607800	54.12%	2.828%
26	16.543	16.522	16.613	VB	444963	5620929	54.24%	2.835%
27	16.889	16.813	16.932	BV	418001	5435158	52.45%	2.741%
28	16.972	16.932	17.025	VB	375603	4966626	47.93%	2.505%
29	17.862	17.797	17.903	BB	365249	4947948	47.75%	2.495%
30	18.264	18.178	18.278	BV	369347	5807301	56.04%	2.929%
31	18.302	18.278	18.372	VB	411706	5410807	52.21%	2.729%
32	18.524	18.438	18.585	BB	371865	5531114	53.38%	2.790%
33	18.695	18.628	18.748	BB	360151	4928684	47.56%	2.486%
34	19.478	19.407	19.535	BB	350295	5007147	48.32%	2.525%
35	20.218	20.150	20.255	BB	332000	4852149	46.82%	2.447%
36	20.992	20.910	21.068	BB	263462	4848446	46.79%	2.445%

37 21.968 21.865 22.065 BB 200133 4842928 46.73% 2.442%
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Sum of corrected areas: 198280978

Aliphatic EPH 050625.M Wed May 14 03:39:21 2025

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
 Data File : FC068853.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 17:41
 Operator : YP/AJ
 Sample : Q1987-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 GC1MS

Integration File: autoint1.e
 Quant Time: May 14 03:13:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.709	3646047	31.944 ug/ml
Spiked Amount 50.000		Recovery =	63.89%
12) S 1-chlorooctadecane (S...	13.141	2889403	36.016 ug/ml
Spiked Amount 50.000		Recovery =	72.03%
Target Compounds			
1) T n-Nonane (C9)	3.445	3824941	38.029 ug/ml
2) T n-Decane (C10)	4.519	4387774	44.036 ug/ml
3) T A~Naphthalene (C11.7)	6.114	5314897	48.203 ug/ml
4) T n-Dodecane (C12)	6.542	4714507	48.514 ug/ml
5) T A~2-methylnaphthalene...	7.173	4980650	46.404 ug/ml
6) T n-Tetradecane (C14)	8.341	4959775	53.663 ug/ml
7) T n-Hexadecane (C16)	9.943	5178939	57.837 ug/ml
8) T n-Octadecane (C18)	11.386	5268092	60.057 ug/ml
10) T n-Eicosane (C20)	12.697	5445200	63.897 ug/ml
11) T n-Heneicosane (C21)	13.309	5234271	62.058 ug/ml
13) T n-Docosane (C22)	13.896	5224478	62.450 ug/ml
14) T n-Tetracosane (C24)	14.994	10677355	128.323 ug/ml
15) T n-Hexacosane (C26)	16.023	5125223	61.859 ug/ml
16) T n-Octacosane (C28)	16.972	5142575	62.224 ug/ml
17) T n-Tricontane (C30)	17.862	5107177	60.360 ug/ml
18) T n-Dotriacontane (C32)	18.694	5069289	58.852 ug/ml
19) T n-Tetratriacontane (C34)	19.478	5124982	60.152 ug/ml
20) T n-Hexatriacontane (C36)	20.218	4985804	58.009 ug/ml
21) T n-Octatriacontane (C38)	20.993	5006508	59.684 ug/ml
22) T n-Tetracontane (C40)	21.969	5044507	61.552 ug/ml

(f)=RT Delta > 1/2 Window

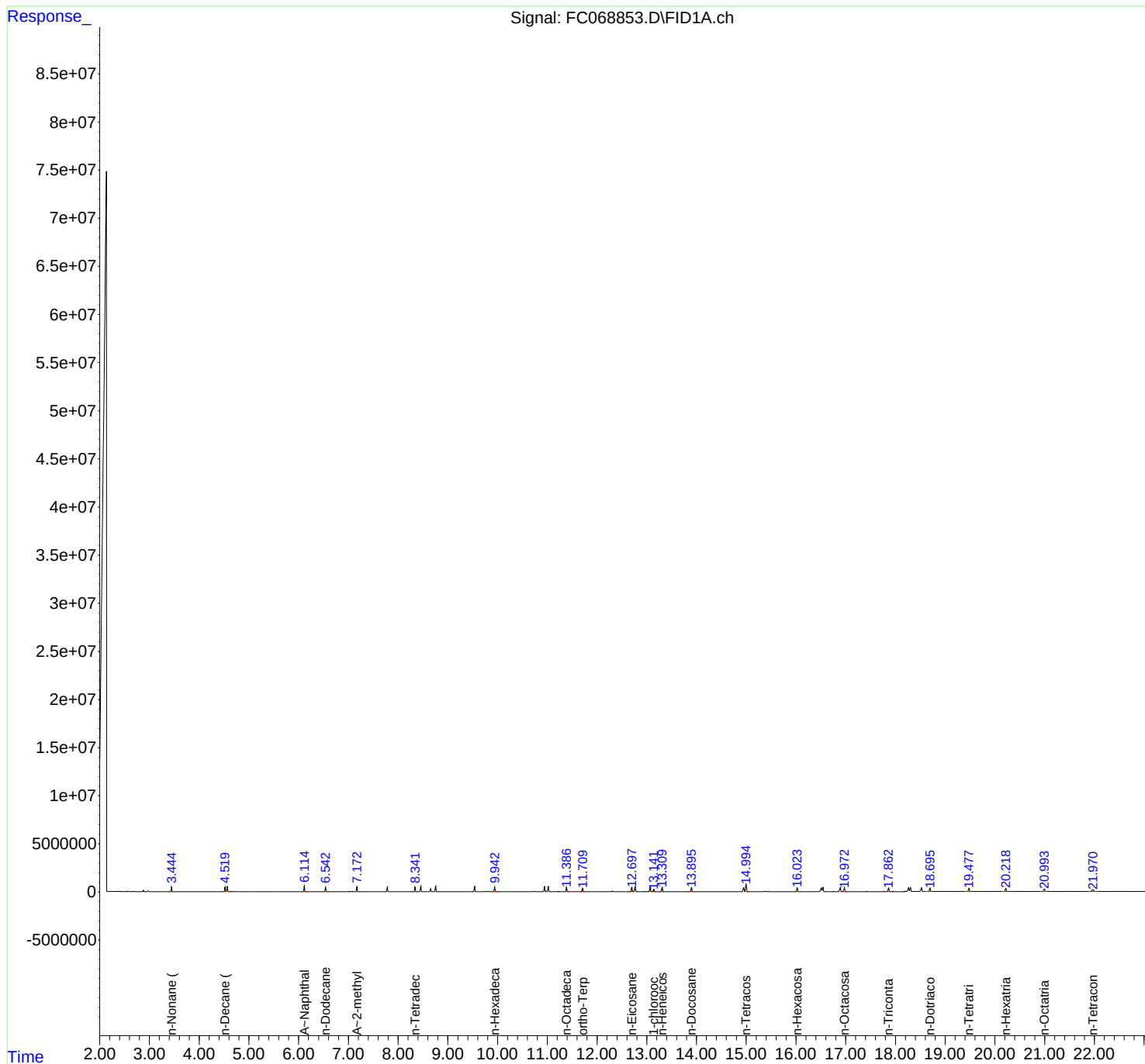
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
Data File : FC068853.D
Signal(s) : FID1A.ch
Acq On : 13 May 2025 17:41
Operator : YP/AJ
Sample : Q1987-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GC1MS

Integration File: autoint1.e
Quant Time: May 14 03:13:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
Quant Title : GC Extractables
QLast Update : Wed May 07 08:52:03 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\FC051325AL\
 Data File : FC068853.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 17:41
 Sample : Q1987-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.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	3.342	3.304	3.390	PV	348	7016	0.07%	0.003%
2	3.401	3.390	3.409	PV	119	597	0.01%	0.000%
3	3.445	3.409	3.525	VV	471034	3829376	35.83%	1.879%
4	3.572	3.525	3.613	PV	281	6347	0.06%	0.003%
5	3.627	3.613	3.641	VV	242	2910	0.03%	0.001%
6	3.648	3.641	3.677	VV	325	3285	0.03%	0.002%
7	3.693	3.677	3.704	PV	215	2505	0.02%	0.001%
8	3.738	3.704	3.795	VV	1250	21843	0.20%	0.011%
9	3.830	3.795	3.879	VV	452	8339	0.08%	0.004%
10	3.886	3.879	3.904	VV	128	875	0.01%	0.000%
11	3.943	3.904	3.984	VV	450	9161	0.09%	0.004%
12	3.990	3.984	4.004	VV	165	847	0.01%	0.000%
13	4.026	4.004	4.048	PV	308	3895	0.04%	0.002%
14	4.061	4.048	4.072	VV	109	783	0.01%	0.000%
15	4.090	4.072	4.108	VV	1199	10087	0.09%	0.005%
16	4.124	4.108	4.171	VV	258	4706	0.04%	0.002%
17	4.182	4.171	4.201	VV	76	1018	0.01%	0.000%
18	4.213	4.201	4.244	VV	103	1144	0.01%	0.001%
19	4.284	4.244	4.334	PV	561	9151	0.09%	0.004%
20	4.360	4.334	4.388	VV	166	4000	0.04%	0.002%
21	4.431	4.388	4.468	VV	149	4272	0.04%	0.002%
22	4.519	4.468	4.541	VV	482783	4392120	41.10%	2.155%
23	4.564	4.541	4.607	VV	542639	4754945	44.49%	2.333%
24	4.625	4.607	4.647	VV	4865	46337	0.43%	0.023%
25	4.671	4.647	4.737	VV	8449	80265	0.75%	0.039%
26	4.772	4.737	4.791	VV	268	4444	0.04%	0.002%
27	4.804	4.791	4.840	VV	256	4598	0.04%	0.002%
28	4.853	4.840	4.864	VV	188	1960	0.02%	0.001%
29	4.875	4.864	4.920	VV	169	4097	0.04%	0.002%
30	4.933	4.920	4.961	VV	180	2616	0.02%	0.001%
31	4.999	4.961	5.044	PV	148	4023	0.04%	0.002%
32	5.068	5.044	5.081	VV	116	1337	0.01%	0.001%
33	5.110	5.081	5.133	PV	152	2967	0.03%	0.001%
34	5.157	5.133	5.174	VV	271	2961	0.03%	0.001%
35	5.187	5.174	5.197	VV	127	1078	0.01%	0.001%
36	5.213	5.197	5.253	VV	168	2807	0.03%	0.001%

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37	5.267	5.253	5.304	VV	70	1392	0.01%	0.001%
38	5.315	5.304	5.345	VV	61	657	0.01%	0.000%
39	5.375	5.345	5.399	VV	407	4077	0.04%	0.002%
40	5.446	5.399	5.479	VV	120	2434	0.02%	0.001%
41	5.490	5.479	5.504	VV	73	872	0.01%	0.000%
42	5.557	5.504	5.569	VV	1379	14488	0.14%	0.007%
43	5.582	5.569	5.640	VV	1771	20475	0.19%	0.010%
44	5.649	5.640	5.675	VV	166	2367	0.02%	0.001%
45	5.684	5.675	5.695	VV	108	850	0.01%	0.000%
46	5.721	5.695	5.784	VV	148	3881	0.04%	0.002%
47	5.802	5.784	5.818	VV	92	1161	0.01%	0.001%
48	5.864	5.818	5.878	VV	132	2567	0.02%	0.001%
49	5.906	5.878	5.928	VV	178	2365	0.02%	0.001%
50	5.969	5.928	5.988	VV	123	2045	0.02%	0.001%
51	5.991	5.988	5.998	VV	97	361	0.00%	0.000%
52	6.016	5.998	6.047	PV	91	1623	0.02%	0.001%
53	6.068	6.047	6.080	VV	302	3504	0.03%	0.002%
54	6.114	6.080	6.149	VV	590559	5317705	49.76%	2.609%
55	6.158	6.149	6.180	VV	733	9304	0.09%	0.005%
56	6.194	6.180	6.228	VV	411	7532	0.07%	0.004%
57	6.256	6.228	6.314	VV	344	10451	0.10%	0.005%
58	6.387	6.314	6.474	VV	506	17700	0.17%	0.009%
59	6.542	6.474	6.587	VV	481243	4721413	44.18%	2.317%
60	6.610	6.587	6.669	VV	1013	13969	0.13%	0.007%
61	6.689	6.669	6.761	VV	476	7396	0.07%	0.004%
62	6.830	6.761	6.847	VV	219	5696	0.05%	0.003%
63	6.865	6.847	6.889	VV	129	2353	0.02%	0.001%
64	6.903	6.889	6.918	VV	114	1057	0.01%	0.001%
65	6.936	6.918	6.946	VV	322	3721	0.03%	0.002%
66	6.961	6.946	6.978	VV	404	4580	0.04%	0.002%
67	7.012	6.978	7.050	VV	5801	55110	0.52%	0.027%
68	7.078	7.050	7.127	VV	13580	131478	1.23%	0.065%
69	7.173	7.127	7.251	VV	496881	4990493	46.70%	2.449%
70	7.268	7.251	7.288	VV	257	3952	0.04%	0.002%
71	7.309	7.288	7.340	VV	1599	23200	0.22%	0.011%
72	7.361	7.340	7.377	VV	2635	31374	0.29%	0.015%
73	7.387	7.377	7.409	VV	1323	14154	0.13%	0.007%
74	7.438	7.409	7.450	VV	1134	13803	0.13%	0.007%
75	7.465	7.450	7.488	VV	1360	15463	0.14%	0.008%
76	7.511	7.488	7.522	VV	429	5537	0.05%	0.003%
77	7.531	7.522	7.547	VV	417	4973	0.05%	0.002%
78	7.560	7.547	7.581	VV	392	4418	0.04%	0.002%
79	7.644	7.581	7.667	VV	646	10109	0.09%	0.005%
80	7.685	7.667	7.730	VV	313	6539	0.06%	0.003%
81	7.877	7.850	7.907	VV	548	11241	0.11%	0.006%
82	7.921	7.907	7.982	VV	434	8074	0.08%	0.004%
83	8.033	7.982	8.068	VV	613	10503	0.10%	0.005%
84	8.090	8.068	8.132	VV	458	7663	0.07%	0.004%
85	8.150	8.132	8.164	VV	222	2772	0.03%	0.001%
86	8.251	8.164	8.291	VV	377	20041	0.19%	0.010%
87	8.341	8.291	8.388	VV	478577	4967087	46.48%	2.437%
88	8.397	8.388	8.411	VV	179	1688	0.02%	0.001%
89	8.458	8.411	8.501	VV	574001	5636895	52.75%	2.766%

					rteres			
90	8.508	8.501	8.521	VV	210	2425	0.02%	0.001%
91	8.528	8.521	8.551	VV	213	3342	0.03%	0.002%
92	8.567	8.551	8.615	VV	236	5774	0.05%	0.003%
93	8.756	8.719	8.791	VV	559530	5701517	53.35%	2.797%
94	8.807	8.791	8.856	VV	428	8388	0.08%	0.004%
95	8.874	8.856	8.928	VV	184	3339	0.03%	0.002%
96	8.958	8.928	9.004	VV	235	6375	0.06%	0.003%
97	9.023	9.004	9.038	VV	836	10147	0.09%	0.005%
98	9.055	9.038	9.133	VV	704	14336	0.13%	0.007%
99	9.159	9.133	9.209	VV	647	9881	0.09%	0.005%
100	9.220	9.209	9.271	VV	104	2060	0.02%	0.001%
101	9.345	9.271	9.385	PV	150	4821	0.05%	0.002%
102	9.396	9.385	9.444	VV	229	4447	0.04%	0.002%
103	9.460	9.444	9.476	VV	249	2873	0.03%	0.001%
104	9.540	9.476	9.569	VV	566353	5879684	55.02%	2.885%
105	9.578	9.569	9.600	VV	690	8605	0.08%	0.004%
106	9.612	9.600	9.657	VV	274	6147	0.06%	0.003%
107	9.679	9.657	9.694	VV	493	7489	0.07%	0.004%
108	9.716	9.694	9.731	VV	2274	30128	0.28%	0.015%
109	9.750	9.731	9.788	VV	8879	96618	0.90%	0.047%
110	9.811	9.788	9.860	VV	21332	226114	2.12%	0.111%
111	9.875	9.860	9.904	VV	585	7659	0.07%	0.004%
112	9.943	9.904	9.992	VV	475254	5180441	48.47%	2.542%
113	10.005	9.992	10.013	VV	123	1522	0.01%	0.001%
114	10.032	10.013	10.065	VV	348	5889	0.06%	0.003%
115	10.078	10.065	10.111	PV	141	1528	0.01%	0.001%
116	10.123	10.111	10.138	VV	96	1037	0.01%	0.001%
117	10.141	10.138	10.196	VV	88	2024	0.02%	0.001%
118	10.223	10.196	10.260	VV	207	3336	0.03%	0.002%
119	10.285	10.260	10.309	VV	1356	15252	0.14%	0.007%
120	10.330	10.309	10.342	PV	149	1941	0.02%	0.001%
121	10.380	10.342	10.432	VV	223	6097	0.06%	0.003%
122	10.463	10.432	10.528	VV	240	6559	0.06%	0.003%
123	10.539	10.528	10.562	VV	130	2000	0.02%	0.001%
124	10.585	10.562	10.623	VV	178	5435	0.05%	0.003%
125	10.675	10.623	10.703	VV	939	16170	0.15%	0.008%
126	10.730	10.703	10.858	VV	11789	174778	1.64%	0.086%
127	10.945	10.858	10.981	PV	538936	5853051	54.77%	2.872%
128	11.021	10.981	11.071	VV	540765	5774777	54.04%	2.833%
129	11.093	11.071	11.138	VV	963	16641	0.16%	0.008%
130	11.186	11.138	11.202	VV	1099	16388	0.15%	0.008%
131	11.222	11.202	11.255	VV	3956	43635	0.41%	0.021%
132	11.278	11.255	11.287	VV	140	1887	0.02%	0.001%
133	11.313	11.287	11.338	VV	426	6593	0.06%	0.003%
134	11.386	11.338	11.440	VV	463446	5274814	49.36%	2.588%
135	11.461	11.440	11.514	VV	307	7982	0.07%	0.004%
136	11.545	11.514	11.566	VV	221	3938	0.04%	0.002%
137	11.575	11.566	11.608	VV	165	2433	0.02%	0.001%
138	11.635	11.608	11.655	PV	125	1684	0.02%	0.001%
139	11.709	11.655	11.760	VV	346156	3649547	34.15%	1.791%
140	11.798	11.760	11.821	VV	1089	17474	0.16%	0.009%
141	11.838	11.821	11.854	VV	1058	12980	0.12%	0.006%

					rteres			
142	11.868	11.854	11.905	VV	1097	18749	0.18%	0.009%
143	11.918	11.905	11.950	VV	549	7610	0.07%	0.004%
144	11.987	11.950	12.020	VV	394	7156	0.07%	0.004%
145	12.054	12.020	12.079	VV	305	6297	0.06%	0.003%
146	12.097	12.079	12.119	VV	256	4430	0.04%	0.002%
147	12.144	12.119	12.188	VV	278	4918	0.05%	0.002%
148	12.216	12.188	12.224	VV	142	1914	0.02%	0.001%
149	12.232	12.224	12.241	VV	113	871	0.01%	0.000%
150	12.300	12.241	12.372	VV	28776	368894	3.45%	0.181%
151	12.387	12.372	12.463	VV	1293	47651	0.45%	0.023%
152	12.536	12.463	12.610	VV	2677	77261	0.72%	0.038%
153	12.639	12.610	12.661	VV	591	13144	0.12%	0.006%
154	12.697	12.661	12.729	VV	459992	5461290	51.10%	2.680%
155	12.767	12.729	12.832	VV	503811	5877604	55.00%	2.884%
156	12.893	12.832	12.921	VV	195	7537	0.07%	0.004%
157	12.947	12.921	13.028	VV	6081	77759	0.73%	0.038%
158	13.067	13.028	13.094	VV	479913	5732477	53.64%	2.813%
159	13.141	13.094	13.208	VV	234946	2899610	27.13%	1.423%
160	13.252	13.208	13.270	VV	380	8386	0.08%	0.004%
161	13.309	13.270	13.383	VV	443800	5243612	49.07%	2.573%
162	13.400	13.383	13.462	VV	259	7816	0.07%	0.004%
163	13.504	13.462	13.523	VV	416	11423	0.11%	0.006%
164	13.561	13.523	13.630	VV	926	43862	0.41%	0.022%
165	13.649	13.630	13.664	VV	641	11265	0.11%	0.006%
166	13.684	13.664	13.704	VV	834	14747	0.14%	0.007%
167	13.736	13.704	13.781	VV	1006	24601	0.23%	0.012%
168	13.796	13.781	13.814	VV	378	6061	0.06%	0.003%
169	13.844	13.814	13.857	VV	947	14845	0.14%	0.007%
170	13.896	13.857	13.997	VV	426901	5236263	49.00%	2.569%
171	14.019	13.997	14.050	VV	411	7825	0.07%	0.004%
172	14.070	14.050	14.100	VV	632	9918	0.09%	0.005%
173	14.114	14.100	14.135	VV	203	3499	0.03%	0.002%
174	14.141	14.135	14.194	VV	158	3562	0.03%	0.002%
175	14.200	14.194	14.211	VV	84	807	0.01%	0.000%
176	14.218	14.211	14.240	VV	142	1808	0.02%	0.001%
177	14.283	14.240	14.308	VV	993	16447	0.15%	0.008%
178	14.330	14.308	14.351	VV	764	11149	0.10%	0.005%
179	14.368	14.351	14.415	VV	249	7279	0.07%	0.004%
180	14.420	14.415	14.429	VV	130	1053	0.01%	0.001%
181	14.459	14.429	14.505	VV	470	10741	0.10%	0.005%
182	14.559	14.505	14.606	VV	317	10805	0.10%	0.005%
183	14.626	14.606	14.642	VV	216	2745	0.03%	0.001%
184	14.678	14.642	14.731	VV	414	8325	0.08%	0.004%
185	14.742	14.731	14.764	VV	165	1910	0.02%	0.001%
186	14.770	14.764	14.794	VV	127	1364	0.01%	0.001%
187	14.837	14.794	14.878	VV	438	9678	0.09%	0.005%
188	14.947	14.878	14.966	VV	408260	5625419	52.64%	2.760%
189	14.994	14.966	15.065	VV	783996	10687044	100.00%	5.244%
190	15.077	15.065	15.151	VV	300	9835	0.09%	0.005%
191	15.172	15.151	15.222	VV	1675	24251	0.23%	0.012%
192	15.283	15.222	15.321	VV	170	6168	0.06%	0.003%
193	15.373	15.321	15.488	VV	19709	280795	2.63%	0.138%
194	15.516	15.488	15.555	VV	1468	25893	0.24%	0.013%

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195	15.597	15.555	15.628	VV	1388	22122	0.21%	0.011%
196	15.642	15.628	15.668	VV	210	2795	0.03%	0.001%
197	15.692	15.668	15.708	VV	150	2185	0.02%	0.001%
198	15.722	15.708	15.768	VV	127	4305	0.04%	0.002%
199	15.781	15.768	15.805	VV	231	3023	0.03%	0.001%
200	15.850	15.805	15.872	VV	1074	15710	0.15%	0.008%
201	15.894	15.872	15.954	VV	605	15086	0.14%	0.007%
202	16.023	15.954	16.068	VV	406066	5136023	48.06%	2.520%
203	16.074	16.068	16.128	VV	208	4860	0.05%	0.002%
204	16.158	16.128	16.167	PV	143	2286	0.02%	0.001%
205	16.189	16.167	16.203	VV	455	6433	0.06%	0.003%
206	16.225	16.203	16.274	VV	866	13729	0.13%	0.007%
207	16.326	16.274	16.339	PV	382	7360	0.07%	0.004%
208	16.358	16.339	16.366	VV	718	8354	0.08%	0.004%
209	16.388	16.366	16.428	VV	1855	32928	0.31%	0.016%
210	16.507	16.428	16.522	VV	371317	5760571	53.90%	2.826%
211	16.542	16.522	16.570	VV	457965	5659214	52.95%	2.777%
212	16.582	16.570	16.611	VV	1418	21057	0.20%	0.010%
213	16.629	16.611	16.661	VV	485	9425	0.09%	0.005%
214	16.690	16.661	16.720	VV	219	5402	0.05%	0.003%
215	16.748	16.720	16.784	PV	3231	40987	0.38%	0.020%
216	16.817	16.784	16.836	VV	354	6109	0.06%	0.003%
217	16.889	16.836	16.918	PV	428979	5481035	51.29%	2.689%
218	16.972	16.918	16.991	PBA	361886	4537531	42.46%	2.226%
219	17.019	16.991	17.091	BV	-18208	-721358	-6.75%	-0.354%
220	17.104	17.091	17.151	PV	104	2363	0.02%	0.001%
221	17.254	17.151	17.281	PV	224	11998	0.11%	0.006%
222	17.333	17.281	17.379	VV	1050	24432	0.23%	0.012%
223	17.418	17.379	17.458	VV	2347	38144	0.36%	0.019%
224	17.504	17.458	17.544	VV	214	7055	0.07%	0.003%
225	17.571	17.544	17.621	VV	219	5197	0.05%	0.003%
226	17.645	17.621	17.678	PV	186	3878	0.04%	0.002%
227	17.749	17.678	17.788	PV	4189	68081	0.64%	0.033%
228	17.861	17.788	17.915	VV	377512	5118618	47.90%	2.511%
229	17.948	17.915	17.988	VV	738	11065	0.10%	0.005%
230	18.101	17.988	18.128	PV	287	7028	0.07%	0.003%
231	18.262	18.128	18.280	PV	385614	6236647	58.36%	3.060%
232	18.300	18.280	18.357	VV	387526	5334840	49.92%	2.618%
233	18.377	18.357	18.458	VV	780	31198	0.29%	0.015%
234	18.521	18.458	18.605	VV	376600	5672241	53.08%	2.783%
235	18.693	18.605	18.742	VV	371926	5106464	47.78%	2.505%
236	18.787	18.742	18.828	VV	1062	36450	0.34%	0.018%
237	18.852	18.828	18.884	VV	813	21348	0.20%	0.010%
238	18.972	18.884	18.994	VV	651	34659	0.32%	0.017%
239	19.042	18.994	19.072	VV	6105	130388	1.22%	0.064%
240	19.089	19.072	19.140	VV	3004	76656	0.72%	0.038%
241	19.172	19.140	19.218	VV	1228	45826	0.43%	0.022%
242	19.286	19.218	19.306	VV	1056	48116	0.45%	0.024%
243	19.342	19.306	19.366	VV	1124	35282	0.33%	0.017%
244	19.388	19.366	19.418	VV	1108	31305	0.29%	0.015%
245	19.478	19.418	19.523	VV	347734	5196838	48.63%	2.550%
246	19.580	19.523	19.610	VV	2037	90578	0.85%	0.044%

					rterres			
247	19.653	19.610	19.691	VV	2099	83302	0.78%	0.041%
248	19.768	19.691	19.788	VV	1921	100785	0.94%	0.049%
249	19.849	19.788	19.921	VV	3805	201581	1.89%	0.099%
250	20.015	19.921	20.040	VV	2875	168557	1.58%	0.083%
251	20.079	20.040	20.095	VV	3617	104562	0.98%	0.051%
252	20.121	20.095	20.154	VV	4506	131171	1.23%	0.064%
253	20.218	20.154	20.271	VV	345223	5210980	48.76%	2.557%
254	20.356	20.271	20.417	VV	6375	364113	3.41%	0.179%
255	20.460	20.417	20.534	VV	3987	260304	2.44%	0.128%
256	20.578	20.534	20.687	VV	4513	342348	3.20%	0.168%
257	20.702	20.687	20.719	VV	3432	64727	0.61%	0.032%
258	20.732	20.719	20.745	VV	3402	52080	0.49%	0.026%
259	20.764	20.745	20.844	VV	3375	189373	1.77%	0.093%
260	20.856	20.844	20.908	VV	3129	114598	1.07%	0.056%
261	20.992	20.908	21.119	VV	271173	5356518	50.12%	2.628%
262	21.160	21.119	21.287	VV	2540	237044	2.22%	0.116%
263	21.305	21.287	21.351	VV	2159	78987	0.74%	0.039%
264	21.375	21.351	21.394	VV	1966	50088	0.47%	0.025%
265	21.441	21.394	21.498	VV	2456	124270	1.16%	0.061%
266	21.539	21.498	21.601	VV	1645	97484	0.91%	0.048%
267	21.656	21.601	21.681	VV	1537	70091	0.66%	0.034%
268	21.696	21.681	21.737	VV	1442	44146	0.41%	0.022%
269	21.776	21.737	21.796	VV	1183	41116	0.38%	0.020%
270	21.813	21.796	21.851	VV	1112	34682	0.32%	0.017%
271	21.867	21.851	21.894	VV	1027	24019	0.22%	0.012%
272	21.969	21.894	22.113	VV	195385	5126598	47.97%	2.515%
273	22.184	22.113	22.388	VV	1172	73564	0.69%	0.036%
Sum of corrected areas:					203810606			

Aliphatic EPH 050625.M Wed May 14 03:45:20 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
 Data File : FC068854.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 18:19
 Operator : YP/AJ
 Sample : Q1987-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 GC1MSD

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: May 14 03:13:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.709	3632007	31.821 ug/ml
Spiked Amount 50.000		Recovery =	63.64%
12) S 1-chlorooctadecane (S...	13.141	2861387	35.667 ug/ml
Spiked Amount 50.000		Recovery =	71.33%
Target Compounds			
1) T n-Nonane (C9)	3.444	3741865	37.203 ug/ml
2) T n-Decane (C10)	4.519	4298454	43.139 ug/ml
3) T A~Naphthalene (C11.7)	6.114	5216720	47.312 ug/ml
4) T n-Dodecane (C12)	6.542	4633975	47.686 ug/ml
5) T A~2-methylnaphthalene...	7.172	4901961	45.671 ug/ml
6) T n-Tetradecane (C14)	8.341	4894000	52.951 ug/ml
7) T n-Hexadecane (C16)	9.942	5121649	57.197 ug/ml
8) T n-Octadecane (C18)	11.386	5204275	59.330 ug/ml
10) T n-Eicosane (C20)	12.697	5347901	62.755 ug/ml
11) T n-Heneicosane (C21)	13.309	5124888	60.761 ug/ml
13) T n-Docosane (C22)	13.896	5102090	60.987 ug/ml
14) T n-Tetracosane (C24)	14.995	10452446	125.620 ug/ml
15) T n-Hexacosane (C26)	16.023	5019131	60.578 ug/ml
16) T n-Octacosane (C28)	16.971	5038012	60.959 ug/ml
17) T n-Tricontane (C30)	17.863	5003852	59.138 ug/ml
18) T n-Dotriacontane (C32)	18.693	4972422	57.728 ug/ml
19) T n-Tetratriacontane (C34)	19.478	5034952	59.096 ug/ml
20) T n-Hexatriacontane (C36)	20.218	4901919	57.033 ug/ml
21) T n-Octatriacontane (C38)	20.991	4916134	58.607 ug/ml
22) T n-Tetracontane (C40)	21.968	4965121	60.583 ug/ml

(f)=RT Delta > 1/2 Window

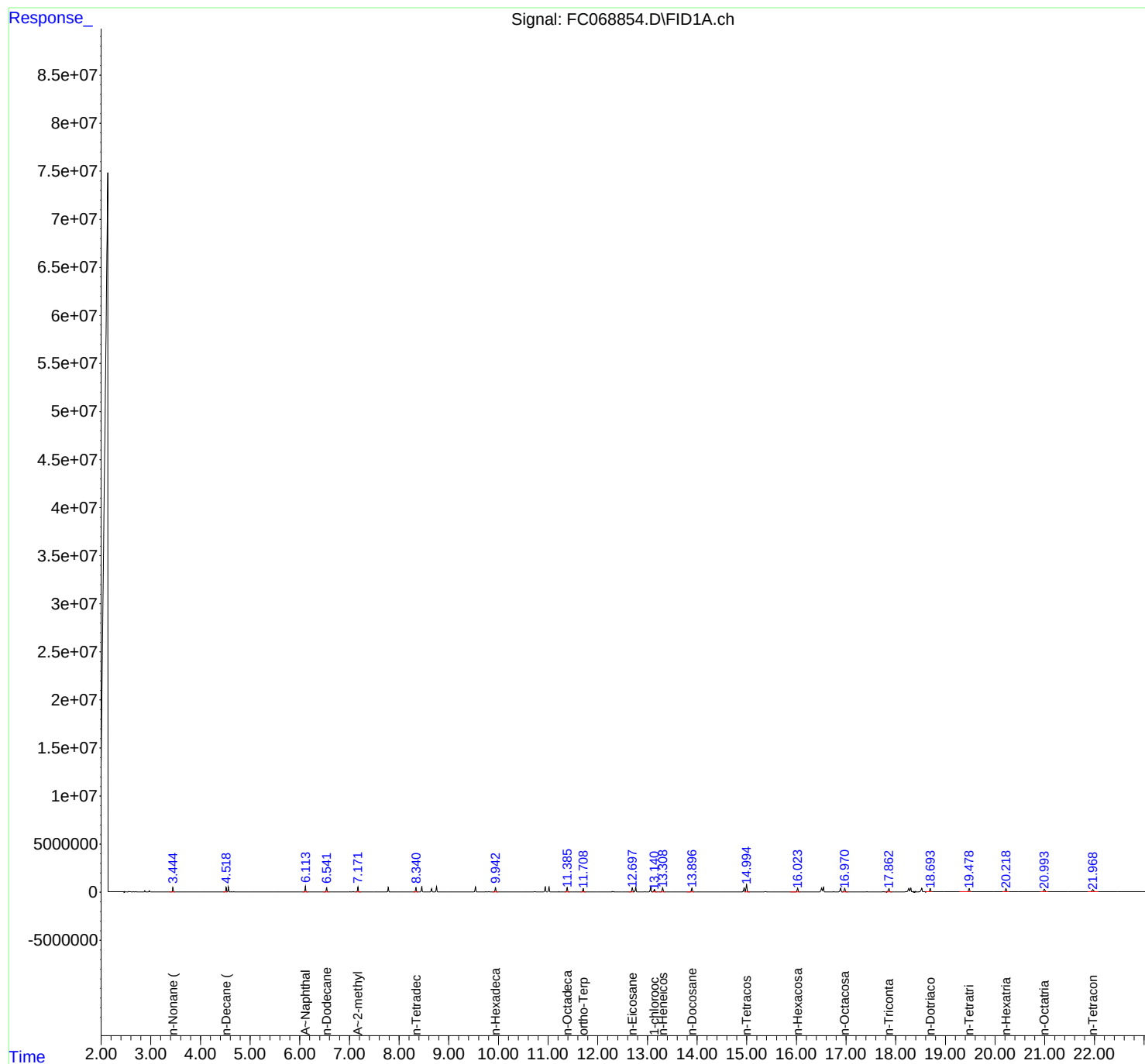
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
Data File : FC068854.D
Signal(s) : FID1A.ch
Acq On : 13 May 2025 18:19
Operator : YP/AJ
Sample : Q1987-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GC1MSD

Integration File: autoint1.e
Quant Time: May 14 03:13:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
Quant Title : GC Extractables
QLast Update : Wed May 07 08:52:03 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\FC051325AL\
 Data File : FC068854.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 18:19
 Sample : Q1987-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.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	3.269	3.242	3.303	PV	227	4374	0.04%	0.002%
2	3.340	3.303	3.379	PV	324	6936	0.07%	0.003%
3	3.387	3.379	3.396	PV	97	690	0.01%	0.000%
4	3.444	3.396	3.542	VV	451805	3747521	35.80%	1.864%
5	3.572	3.542	3.612	PV	279	4942	0.05%	0.002%
6	3.625	3.612	3.633	VV	204	1872	0.02%	0.001%
7	3.647	3.633	3.671	VV	245	3123	0.03%	0.002%
8	3.691	3.671	3.705	VV	260	2841	0.03%	0.001%
9	3.738	3.705	3.795	VV	1202	20177	0.19%	0.010%
10	3.802	3.795	3.812	VV	146	1347	0.01%	0.001%
11	3.829	3.812	3.850	VV	489	5061	0.05%	0.003%
12	3.860	3.850	3.871	VV	86	1173	0.01%	0.001%
13	3.875	3.871	3.904	VV	162	1366	0.01%	0.001%
14	3.942	3.904	3.982	PV	443	9099	0.09%	0.005%
15	3.991	3.982	4.000	VV	47	337	0.00%	0.000%
16	4.027	4.000	4.075	VV	307	4450	0.04%	0.002%
17	4.090	4.075	4.115	VV	1205	10290	0.10%	0.005%
18	4.123	4.115	4.195	VV	237	4301	0.04%	0.002%
19	4.211	4.195	4.241	VV	153	2043	0.02%	0.001%
20	4.248	4.241	4.261	PV	82	708	0.01%	0.000%
21	4.283	4.261	4.306	VV	611	6460	0.06%	0.003%
22	4.343	4.306	4.358	VV	189	3948	0.04%	0.002%
23	4.367	4.358	4.418	VV	199	4130	0.04%	0.002%
24	4.429	4.418	4.458	VV	140	2496	0.02%	0.001%
25	4.467	4.458	4.476	VV	123	1056	0.01%	0.001%
26	4.518	4.476	4.540	VV	488030	4301109	41.09%	2.139%
27	4.563	4.540	4.606	VV	529889	4656715	44.49%	2.316%
28	4.624	4.606	4.646	VV	4843	44025	0.42%	0.022%
29	4.671	4.646	4.751	VV	8243	76852	0.73%	0.038%
30	4.774	4.751	4.787	VV	217	2314	0.02%	0.001%
31	4.804	4.787	4.838	VV	206	2732	0.03%	0.001%
32	4.851	4.838	4.862	VV	212	1820	0.02%	0.001%
33	4.869	4.862	4.890	VV	123	1614	0.02%	0.001%
34	4.899	4.890	4.915	VV	127	1234	0.01%	0.001%
35	4.936	4.927	4.961	VV	141	1338	0.01%	0.001%
36	4.972	4.961	4.982	VV	127	993	0.01%	0.000%

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37	4.996	4.982	5.037	VV	127	2212	0.02%	0.001%
38	5.106	5.037	5.134	VV	137	3483	0.03%	0.002%
39	5.154	5.134	5.185	PV	161	2563	0.02%	0.001%
40	5.212	5.185	5.231	PV	177	2289	0.02%	0.001%
41	5.237	5.231	5.335	VV	122	3428	0.03%	0.002%
42	5.375	5.335	5.419	VV	430	6826	0.07%	0.003%
43	5.447	5.419	5.484	VV	122	3215	0.03%	0.002%
44	5.494	5.484	5.536	VV	96	2324	0.02%	0.001%
45	5.556	5.536	5.569	VV	1391	13347	0.13%	0.007%
46	5.582	5.569	5.641	VV	1705	20659	0.20%	0.010%
47	5.657	5.641	5.678	VV	214	2618	0.03%	0.001%
48	5.723	5.678	5.748	PV	171	3822	0.04%	0.002%
49	5.754	5.748	5.801	VV	140	2930	0.03%	0.001%
50	5.807	5.801	5.820	VV	71	697	0.01%	0.000%
51	5.903	5.820	5.929	VV	210	7396	0.07%	0.004%
52	5.941	5.929	5.984	VV	154	2512	0.02%	0.001%
53	6.011	5.984	6.023	VV	126	1694	0.02%	0.001%
54	6.071	6.023	6.081	VV	324	5170	0.05%	0.003%
55	6.114	6.081	6.148	VV	576530	5220558	49.87%	2.596%
56	6.157	6.148	6.174	VV	664	7777	0.07%	0.004%
57	6.198	6.174	6.231	VV	391	8836	0.08%	0.004%
58	6.258	6.231	6.297	VV	383	8575	0.08%	0.004%
59	6.308	6.297	6.318	VV	171	1844	0.02%	0.001%
60	6.353	6.318	6.365	VV	215	4725	0.05%	0.002%
61	6.385	6.365	6.415	VV	555	8819	0.08%	0.004%
62	6.439	6.415	6.457	VV	248	5416	0.05%	0.003%
63	6.478	6.457	6.498	VV	207	4132	0.04%	0.002%
64	6.542	6.498	6.587	VV	466132	4640850	44.33%	2.308%
65	6.609	6.587	6.657	VV	1077	15021	0.14%	0.007%
66	6.690	6.657	6.736	VV	490	9837	0.09%	0.005%
67	6.746	6.736	6.764	VV	160	2001	0.02%	0.001%
68	6.775	6.764	6.805	VV	167	2590	0.02%	0.001%
69	6.830	6.805	6.851	VV	216	4144	0.04%	0.002%
70	6.862	6.851	6.878	VV	178	2127	0.02%	0.001%
71	6.935	6.878	6.944	VV	282	4734	0.05%	0.002%
72	6.961	6.944	6.980	VV	382	5076	0.05%	0.003%
73	7.011	6.980	7.041	VV	5554	52997	0.51%	0.026%
74	7.077	7.041	7.127	VV	13362	130114	1.24%	0.065%
75	7.172	7.127	7.255	VV	505371	4911169	46.92%	2.442%
76	7.269	7.255	7.284	VV	203	2615	0.02%	0.001%
77	7.309	7.284	7.341	VV	1636	23613	0.23%	0.012%
78	7.361	7.341	7.411	VV	2636	45747	0.44%	0.023%
79	7.437	7.411	7.449	VV	1135	13858	0.13%	0.007%
80	7.464	7.449	7.487	VV	1346	15744	0.15%	0.008%
81	7.512	7.487	7.525	VV	413	6477	0.06%	0.003%
82	7.531	7.525	7.551	VV	380	5145	0.05%	0.003%
83	7.561	7.551	7.605	VV	423	6051	0.06%	0.003%
84	7.644	7.605	7.668	VV	700	9982	0.10%	0.005%
85	7.686	7.668	7.718	VV	388	5968	0.06%	0.003%
86	7.876	7.847	7.910	VV	521	12689	0.12%	0.006%
87	7.921	7.910	7.939	VV	370	3886	0.04%	0.002%
88	7.948	7.939	7.968	VV	174	2465	0.02%	0.001%
89	7.982	7.968	8.012	VV	165	3343	0.03%	0.002%

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90	8.033	8.012	8.067	VV	583	8368	0.08%	0.004%	
91	8.089	8.067	8.185	VV	370	9558	0.09%	0.005%	
92	8.246	8.185	8.304	VV	349	17097	0.16%	0.009%	
93	8.341	8.304	8.386	VV	464310	4899188	46.80%	2.436%	
94	8.399	8.386	8.418	VV	139	1865	0.02%	0.001%	
95	8.457	8.418	8.515	VV	554651	5557909	53.10%	2.764%	
96	8.523	8.515	8.545	VV	177	2314	0.02%	0.001%	
97	8.565	8.545	8.604	VV	288	4828	0.05%	0.002%	
98	8.756	8.718	8.789	VV	555319	5625623	53.74%	2.798%	
99	8.807	8.789	8.855	VV	445	8536	0.08%	0.004%	
100	8.870	8.855	8.911	VV	222	3386	0.03%	0.002%	
101	8.961	8.911	8.980	PV	211	5198	0.05%	0.003%	
102	9.023	8.980	9.039	VV	876	11429	0.11%	0.006%	
103	9.057	9.039	9.135	VV	712	13295	0.13%	0.007%	
104	9.161	9.135	9.228	VV	626	9783	0.09%	0.005%	
105	9.236	9.228	9.275	VV	119	1741	0.02%	0.001%	
106	9.284	9.275	9.320	VV	59	866	0.01%	0.000%	
107	9.351	9.320	9.380	VV	111	2685	0.03%	0.001%	
108	9.417	9.380	9.435	VV	255	3833	0.04%	0.002%	
109	9.459	9.435	9.475	VV	235	2662	0.03%	0.001%	
110	9.540	9.475	9.568	VV	553748	5807140	55.48%	2.888%	
111	9.578	9.568	9.650	VV	719	12837	0.12%	0.006%	
112	9.680	9.650	9.693	VV	524	7519	0.07%	0.004%	
113	9.717	9.693	9.731	VV	2268	29565	0.28%	0.015%	
114	9.750	9.731	9.785	VV	8692	94524	0.90%	0.047%	
115	9.810	9.785	9.858	VV	21342	223248	2.13%	0.111%	
116	9.874	9.858	9.905	VV	494	7265	0.07%	0.004%	
117	9.942	9.905	10.011	PV	465806	5131343	49.02%	2.552%	
118	10.031	10.011	10.098	VV	387	7078	0.07%	0.004%	
119	10.129	10.098	10.155	VV	110	2121	0.02%	0.001%	
120	10.162	10.155	10.199	VV	143	2075	0.02%	0.001%	
121	10.221	10.199	10.257	VV	187	3487	0.03%	0.002%	
122	10.285	10.257	10.311	VV	1313	15106	0.14%	0.008%	
123	10.334	10.311	10.347	VV	182	2422	0.02%	0.001%	
124	10.361	10.347	10.367	VV	131	1519	0.01%	0.001%	
125	10.381	10.367	10.439	VV	244	5365	0.05%	0.003%	
126	10.460	10.439	10.501	VV	264	5352	0.05%	0.003%	
127	10.511	10.501	10.545	VV	124	2323	0.02%	0.001%	
128	10.583	10.545	10.622	VV	233	8231	0.08%	0.004%	
129	10.675	10.622	10.701	VV	932	16260	0.16%	0.008%	
130	10.732	10.701	10.771	PV	11715	164239	1.57%	0.082%	
131	10.779	10.771	10.831	VV	332	5998	0.06%	0.003%	
132	10.944	10.831	10.980	VV	535139	5769395	55.12%	2.869%	
133	11.021	10.980	11.074	VV	528901	5695258	54.41%	2.832%	
134	11.093	11.074	11.122	VV	1019	14932	0.14%	0.007%	
135	11.130	11.122	11.171	VV	213	5220	0.05%	0.003%	
136	11.187	11.171	11.203	VV	1126	12514	0.12%	0.006%	
137	11.222	11.203	11.267	VV	4020	44490	0.43%	0.022%	
138	11.277	11.267	11.290	VV	192	1780	0.02%	0.001%	
139	11.314	11.290	11.336	VV	352	6137	0.06%	0.003%	
140	11.386	11.336	11.428	VV	466256	5207240	49.75%	2.589%	
141	11.459	11.428	11.495	VV	311	6988	0.07%	0.003%	

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142	11.515	11.495	11.528	VV	115	1369	0.01%	0.001%
143	11.544	11.528	11.631	VV	202	5556	0.05%	0.003%
144	11.642	11.631	11.665	PV	100	1138	0.01%	0.001%
145	11.708	11.665	11.756	VV	339082	3635493	34.73%	1.808%
146	11.800	11.756	11.820	VV	1034	16619	0.16%	0.008%
147	11.838	11.820	11.853	VV	1010	11656	0.11%	0.006%
148	11.868	11.853	11.905	VV	973	17555	0.17%	0.009%
149	11.919	11.905	11.949	VV	533	7080	0.07%	0.004%
150	11.986	11.949	12.015	VV	435	7024	0.07%	0.003%
151	12.055	12.015	12.079	VV	264	6021	0.06%	0.003%
152	12.103	12.079	12.127	VV	302	4337	0.04%	0.002%
153	12.142	12.127	12.175	VV	221	2910	0.03%	0.001%
154	12.227	12.175	12.251	PV	99	2152	0.02%	0.001%
155	12.299	12.251	12.374	VV	29567	364136	3.48%	0.181%
156	12.388	12.374	12.408	VV	1274	21898	0.21%	0.011%
157	12.417	12.408	12.472	VV	878	25449	0.24%	0.013%
158	12.486	12.472	12.494	VV	635	7640	0.07%	0.004%
159	12.535	12.494	12.574	VV	2702	55898	0.53%	0.028%
160	12.595	12.574	12.611	VV	303	5656	0.05%	0.003%
161	12.640	12.611	12.657	VV	550	10329	0.10%	0.005%
162	12.697	12.657	12.728	VV	441612	5361875	51.22%	2.666%
163	12.767	12.728	12.833	VV	500053	5758043	55.01%	2.863%
164	12.862	12.833	12.884	VV	173	3992	0.04%	0.002%
165	12.897	12.884	12.925	VV	181	3307	0.03%	0.002%
166	12.947	12.925	13.017	VV	6169	74259	0.71%	0.037%
167	13.068	13.017	13.095	VV	481389	5614965	53.64%	2.792%
168	13.141	13.095	13.225	VV	239940	2871776	27.43%	1.428%
169	13.254	13.225	13.271	VV	325	6469	0.06%	0.003%
170	13.309	13.271	13.384	VV	411467	5133461	49.04%	2.553%
171	13.403	13.384	13.418	VV	204	2605	0.02%	0.001%
172	13.426	13.418	13.439	VV	185	1597	0.02%	0.001%
173	13.561	13.439	13.633	VV	951	55624	0.53%	0.028%
174	13.648	13.633	13.665	VV	650	10566	0.10%	0.005%
175	13.684	13.665	13.706	VV	805	14561	0.14%	0.007%
176	13.735	13.706	13.775	VV	981	22347	0.21%	0.011%
177	13.794	13.775	13.815	VV	332	6464	0.06%	0.003%
178	13.843	13.815	13.857	VV	910	14033	0.13%	0.007%
179	13.896	13.857	13.998	VV	415676	5116658	48.88%	2.544%
180	14.021	13.998	14.050	VV	389	6780	0.06%	0.003%
181	14.069	14.050	14.094	VV	658	8725	0.08%	0.004%
182	14.122	14.094	14.161	VV	215	5552	0.05%	0.003%
183	14.172	14.161	14.217	VV	120	3296	0.03%	0.002%
184	14.282	14.217	14.311	VV	955	18750	0.18%	0.009%
185	14.330	14.311	14.364	VV	706	11998	0.11%	0.006%
186	14.381	14.364	14.430	VV	257	5539	0.05%	0.003%
187	14.461	14.430	14.515	VV	385	10478	0.10%	0.005%
188	14.528	14.515	14.539	VV	242	2869	0.03%	0.001%
189	14.563	14.539	14.608	VV	321	7599	0.07%	0.004%
190	14.625	14.608	14.655	VV	224	3503	0.03%	0.002%
191	14.676	14.655	14.715	VV	441	6892	0.07%	0.003%
192	14.732	14.715	14.765	VV	168	3612	0.03%	0.002%
193	14.839	14.765	14.890	VV	521	15193	0.15%	0.008%
194	14.947	14.890	14.966	VV	435108	5532034	52.85%	2.751%

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195	14.995	14.966	15.075	VV	784861	10467733	100.00%	5.205%
196	15.102	15.075	15.143	VV	316	9351	0.09%	0.005%
197	15.172	15.143	15.220	VV	1667	27083	0.26%	0.013%
198	15.240	15.220	15.271	VV	221	5052	0.05%	0.003%
199	15.285	15.271	15.314	VV	206	3712	0.04%	0.002%
200	15.373	15.314	15.452	VV	19820	275700	2.63%	0.137%
201	15.465	15.452	15.489	VV	264	4732	0.05%	0.002%
202	15.517	15.489	15.558	VV	1453	26564	0.25%	0.013%
203	15.597	15.558	15.628	VV	1232	19879	0.19%	0.010%
204	15.646	15.628	15.671	VV	186	3430	0.03%	0.002%
205	15.704	15.671	15.716	VV	155	3163	0.03%	0.002%
206	15.758	15.716	15.772	VV	262	5400	0.05%	0.003%
207	15.785	15.772	15.815	VV	216	2876	0.03%	0.001%
208	15.851	15.815	15.875	PV	1118	15777	0.15%	0.008%
209	15.893	15.875	15.931	VV	608	10608	0.10%	0.005%
210	15.940	15.931	15.949	VV	200	1738	0.02%	0.001%
211	15.958	15.949	15.964	VV	178	1316	0.01%	0.001%
212	16.023	15.964	16.071	VV	389717	5010486	47.87%	2.492%
213	16.081	16.071	16.101	VV	122	1072	0.01%	0.001%
214	16.119	16.101	16.134	PV	97	1196	0.01%	0.001%
215	16.156	16.134	16.175	VV	103	1623	0.02%	0.001%
216	16.190	16.175	16.201	VV	458	4058	0.04%	0.002%
217	16.225	16.201	16.285	VV	894	12505	0.12%	0.006%
218	16.325	16.285	16.339	PV	215	5385	0.05%	0.003%
219	16.388	16.339	16.443	VV	1916	40488	0.39%	0.020%
220	16.506	16.443	16.522	VV	368866	5675413	54.22%	2.822%
221	16.543	16.522	16.615	VV	463859	5587103	53.37%	2.778%
222	16.632	16.615	16.651	VV	582	9045	0.09%	0.004%
223	16.665	16.651	16.721	VV	273	7252	0.07%	0.004%
224	16.749	16.721	16.795	PV	3097	40368	0.39%	0.020%
225	16.817	16.795	16.838	VV	348	3415	0.03%	0.002%
226	16.890	16.838	16.921	PV	412533	5400466	51.59%	2.686%
227	16.971	16.921	16.991	PBA	364420	4540368	43.37%	2.258%
228	17.019	16.991	17.075	BV	-14065	-492998	-4.71%	-0.245%
229	17.092	17.075	17.111	PV	60	1339	0.01%	0.001%
230	17.128	17.111	17.145	VV	116	1317	0.01%	0.001%
231	17.239	17.145	17.258	PV	203	9296	0.09%	0.005%
232	17.333	17.258	17.385	VV	913	25359	0.24%	0.013%
233	17.418	17.385	17.475	VV	2226	35319	0.34%	0.018%
234	17.504	17.475	17.547	PV	334	6336	0.06%	0.003%
235	17.575	17.547	17.614	VV	195	4664	0.04%	0.002%
236	17.651	17.614	17.681	VV	219	4199	0.04%	0.002%
237	17.750	17.681	17.782	PV	4092	64049	0.61%	0.032%
238	17.862	17.782	17.916	VV	344384	5019577	47.95%	2.496%
239	17.948	17.916	17.978	VV	770	11790	0.11%	0.006%
240	18.048	17.978	18.075	PV	178	6860	0.07%	0.003%
241	18.101	18.075	18.151	VV	273	5526	0.05%	0.003%
242	18.261	18.151	18.280	VV	379605	6140997	58.67%	3.054%
243	18.301	18.280	18.358	VV	406728	5296683	50.60%	2.634%
244	18.375	18.358	18.435	VV	861	25531	0.24%	0.013%
245	18.521	18.435	18.607	VV	357291	5590114	53.40%	2.780%
246	18.692	18.607	18.745	VV	354828	5005495	47.82%	2.489%

					rterres			
247	18.787	18.745	18.828	VV	1055	35058	0.33%	0.017%
248	18.854	18.828	18.891	VV	869	22502	0.21%	0.011%
249	18.974	18.891	18.994	VV	706	29702	0.28%	0.015%
250	19.042	18.994	19.073	VV	6137	128516	1.23%	0.064%
251	19.090	19.073	19.145	VV	2807	73096	0.70%	0.036%
252	19.173	19.145	19.215	VV	1292	42374	0.40%	0.021%
253	19.286	19.215	19.308	VV	957	47188	0.45%	0.023%
254	19.340	19.308	19.368	VV	1250	36982	0.35%	0.018%
255	19.387	19.368	19.409	VV	1202	26734	0.26%	0.013%
256	19.478	19.409	19.522	VV	353928	5115215	48.87%	2.544%
257	19.580	19.522	19.611	VV	2159	96644	0.92%	0.048%
258	19.652	19.611	19.691	VV	2139	86176	0.82%	0.043%
259	19.766	19.691	19.791	VV	1878	103273	0.99%	0.051%
260	19.848	19.791	19.917	VV	3553	186847	1.78%	0.093%
261	20.017	19.917	20.041	VV	2833	176811	1.69%	0.088%
262	20.076	20.041	20.093	VV	3672	99725	0.95%	0.050%
263	20.120	20.093	20.158	VV	4470	141831	1.35%	0.071%
264	20.218	20.158	20.272	VV	343060	5127124	48.98%	2.550%
265	20.355	20.272	20.415	VV	6349	361810	3.46%	0.180%
266	20.538	20.415	20.751	VV	8318	965261	9.22%	0.480%
267	20.774	20.751	20.873	VV	3225	225320	2.15%	0.112%
268	20.894	20.873	20.926	VV	3028	92259	0.88%	0.046%
269	20.991	20.926	21.068	VV	266074	5148994	49.19%	2.561%
270	21.144	21.068	21.203	VV	2594	204576	1.95%	0.102%
271	21.218	21.203	21.281	VV	2427	107730	1.03%	0.054%
272	21.298	21.281	21.365	VV	2238	105491	1.01%	0.052%
273	21.443	21.365	21.511	VV	2566	183702	1.75%	0.091%
274	21.526	21.511	21.565	VV	1797	55188	0.53%	0.027%
275	21.579	21.565	21.608	VV	1652	42172	0.40%	0.021%
276	21.661	21.608	21.741	VV	1560	117275	1.12%	0.058%
277	21.770	21.741	21.792	VV	1432	39499	0.38%	0.020%
278	21.807	21.792	21.869	VV	1286	51515	0.49%	0.026%
279	21.968	21.869	22.108	VV	199725	5077647	48.51%	2.525%
280	22.184	22.108	22.401	VBA	1267	80941	0.77%	0.040%

Sum of corrected areas: 201093058

Aliphatic EPH 050625.M Wed May 14 03:46:02 2025



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

Manual Integration Report

Sequence:

FC050625AL

Instrument

FID_c

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	FC051325AL	Instrument	FID_c
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FC068847.D	n-Dotriacontane (C32)	yogesh	5/14/2025 7:38:27 AM	mohammad	5/15/2025 3:42:27	Peak Integrated by Software

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC050625AL

Review By	yogesh	Review On	5/6/2025 2:50:27 PM
Supervise By	mohammad	Supervise On	5/8/2025 2:15:32 AM
SubDirectory	FC050625AL	HP Acquire Method	HP Processing Method FC050625AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC068779.D	06 May 2025 14:18	YP/AJ	Ok
2	I.BLK	FC068780.D	06 May 2025 14:55	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC068781.D	06 May 2025 15:33	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC068782.D	06 May 2025 16:11	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC068783.D	06 May 2025 16:48	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC068784.D	06 May 2025 17:26	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC068785.D	06 May 2025 18:03	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC068786.D	06 May 2025 18:40	YP/AJ	Ok
9	I.BLK	FC068787.D	06 May 2025 19:55	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC068788.D	06 May 2025 20:33	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC051325AL

Review By	yogesh	Review On	5/13/2025 10:53:21 AM
Supervise By	mohammad	Supervise On	5/15/2025 3:42:27 AM
SubDirectory	FC051325AL	HP Acquire Method	HP Processing Method FC050625AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC068841.D	13 May 2025 09:01	YP/AJ	Ok
2	I.BLK	FC068842.D	13 May 2025 09:38	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC068843.D	13 May 2025 10:16	YP/AJ	Ok
4	Q2002-02DL	FC068844.D	13 May 2025 10:53	YP/AJ	Ok
5	Q2004-03	FC068845.D	13 May 2025 11:31	YP/AJ	Ok
6	I.BLK	FC068846.D	13 May 2025 12:47	YP/AJ	Ok
7	20 PPM ALIPHATIC HC STD	FC068847.D	13 May 2025 13:26	YP/AJ	Ok,M
8	PB167974BL	FC068848.D	13 May 2025 14:31	YP/AJ	Ok
9	PB167974BS	FC068849.D	13 May 2025 15:08	YP/AJ	Ok
10	PB167974BSD	FC068850.D	13 May 2025 15:46	YP/AJ	Ok
11	Q1987-01	FC068851.D	13 May 2025 16:24	YP/AJ	Ok
12	Q1987-01D	FC068852.D	13 May 2025 17:02	YP/AJ	Ok
13	Q1987-01MS	FC068853.D	13 May 2025 17:41	YP/AJ	Ok
14	Q1987-01MSD	FC068854.D	13 May 2025 18:19	YP/AJ	Ok
15	Q2007-03	FC068855.D	13 May 2025 18:57	YP/AJ	Ok
16	Q2007-04	FC068856.D	13 May 2025 19:35	YP/AJ	Ok
17	Q2007-05	FC068857.D	13 May 2025 20:12	YP/AJ	Ok
18	I.BLK	FC068858.D	13 May 2025 21:28	YP/AJ	Ok
19	20 PPM ALIPHATIC HC STD	FC068859.D	13 May 2025 22:06	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC050625AL

Review By	yogesh	Review On	5/6/2025 2:50:27 PM
Supervise By	mohammad	Supervise On	5/8/2025 2:15:32 AM
SubDirectory	FC050625AL	HP Acquire Method	HP Processing Method FC050625AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC	PP24176		
Internal Standard/PEM	PP24174,PP24179		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC068779.D	06 May 2025 14:18		YP/AJ	Ok
2	I.BLK	I.BLK	FC068780.D	06 May 2025 14:55		YP/AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FC068781.D	06 May 2025 15:33		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC068782.D	06 May 2025 16:11		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068783.D	06 May 2025 16:48		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC068784.D	06 May 2025 17:26		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC068785.D	06 May 2025 18:03		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068786.D	06 May 2025 18:40		YP/AJ	Ok
9	I.BLK	I.BLK	FC068787.D	06 May 2025 19:55		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068788.D	06 May 2025 20:33		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC051325AL

Review By	yogesh	Review On	5/13/2025 10:53:21 AM
Supervise By	mohammad	Supervise On	5/15/2025 3:42:27 AM
SubDirectory	FC051325AL	HP Acquire Method	HP Processing Method FC050625AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC	PP24176		
Internal Standard/PEM	PP24174,PP24179		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC068841.D	13 May 2025 09:01		YP/AJ	Ok
2	I.BLK	I.BLK	FC068842.D	13 May 2025 09:38		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068843.D	13 May 2025 10:16		YP/AJ	Ok
4	Q2002-02DL	EO-02-05092025-E2DL	FC068844.D	13 May 2025 10:53		YP/AJ	Ok
5	Q2004-03	2811	FC068845.D	13 May 2025 11:31		YP/AJ	Ok
6	I.BLK	I.BLK	FC068846.D	13 May 2025 12:47		YP/AJ	Ok
7	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068847.D	13 May 2025 13:26		YP/AJ	Ok,M
8	PB167974BL	PB167974BL	FC068848.D	13 May 2025 14:31		YP/AJ	Ok
9	PB167974BS	PB167974BS	FC068849.D	13 May 2025 15:08		YP/AJ	Ok
10	PB167974BSD	PB167974BSD	FC068850.D	13 May 2025 15:46		YP/AJ	Ok
11	Q1987-01	GC1	FC068851.D	13 May 2025 16:24		YP/AJ	Ok
12	Q1987-01D	Q1987-01D	FC068852.D	13 May 2025 17:02		YP/AJ	Ok
13	Q1987-01MS	GC1MS	FC068853.D	13 May 2025 17:41	FC068851.D	YP/AJ	Ok
14	Q1987-01MSD	GC1MSD	FC068854.D	13 May 2025 18:19	FC068851.D!FC068853.D	YP/AJ	Ok
15	Q2007-03	OR-636-28	FC068855.D	13 May 2025 18:57		YP/AJ	Ok
16	Q2007-04	OR-636-29	FC068856.D	13 May 2025 19:35		YP/AJ	Ok
17	Q2007-05	OR-636-30	FC068857.D	13 May 2025 20:12		YP/AJ	Ok
18	I.BLK	I.BLK	FC068858.D	13 May 2025 21:28		YP/AJ	Ok

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC051325AL

Review By	yogesh	Review On	5/13/2025 10:53:21 AM
Supervise By	mohammad	Supervise On	5/15/2025 3:42:27 AM
SubDirectory	FC051325AL	HP Acquire Method	HP Processing Method FC050625AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC	PP24176		
Internal Standard/PEM	PP24174,PP24179		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068859.D	13 May 2025 22:06		YP/AJ	Ok
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M : Manual Integration

A
B
C
D
E
F
G
H
I
J

SOP ID: MNJDEP-EPH-7

Clean Up SOP #: N/A **Extraction Start Date :** 05/13/2025

Matrix : Solid **Extraction Start Time :** 09:35

Wegh By: EH **Extraction By:** RJ **Extraction End Date :** 05/13/2025

Balance check: RJ **Filter By:** RJ **Extraction End Time :** 13:45

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

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

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24462
Surrogate	1.0ML	100 PPM	PP24491
Fractionation Surrogate	1.0ML	100 PPM	PP24499
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	EP2611
Sand	N/A	E2865
Hexane	N/A	E3933
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

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

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
<u>5/13/25</u>	<u>RS (Ext-bch)</u>	<u>Y.P. Peshigoda</u>
<u>13:50</u>	Preparation Group	Analysis Group

Analytical Method: MNJDEP-EPH-7

Concentration Date: 05/13/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167974BL	PB167974BL	EPH_NF	30.02	N/A	ritesh	Evelyn	2			U3-1
PB167974BS	PB167974BS	EPH_NF	30.03	N/A	ritesh	Evelyn	2			2
PB167974BSD	PB167974BSD	EPH_NF	30.01	N/A	ritesh	Evelyn	2			3
Q1987-01	GC1	EPH_NF	30.06	N/A	ritesh	Evelyn	2	E		4
Q1987-01DUP	GC1DUP	EPH_NF	30.02	N/A	ritesh	Evelyn	2	E		5
Q1987-01MS	GC1MS	EPH_NF	30.03	N/A	ritesh	Evelyn	2	E		6
Q1987-01MSD	GC1MSD	EPH_NF	30.04	N/A	ritesh	Evelyn	2	E		U6-1
Q2007-03	OR-636-28	EPH_NF	30.01	N/A	ritesh	Evelyn	2			2
Q2007-04	OR-636-29	EPH_NF	30.04	N/A	ritesh	Evelyn	2			3
Q2007-05	OR-636-30	EPH_NF	30.05	N/A	ritesh	Evelyn	2			4
Q2007-09	OR-636-31	EPH_NF	30.07	N/A	ritesh	Evelyn	2			5
Q2007-10	OR-636-32	EPH_NF	30.08	N/A	ritesh	Evelyn	2			6
Q2007-11	OR-636-33	EPH_NF	30.03	N/A	ritesh	Evelyn	2			U1-1
Q2007-15	OR-636-34	EPH_NF	30.01	N/A	ritesh	Evelyn	2			2
Q2007-16	OR-636-35	EPH_NF	30.04	N/A	ritesh	Evelyn	2			3
Q2007-17	OR-636-36	EPH_NF	30.06	N/A	ritesh	Evelyn	2			4
Q2007-21	OR-636-37	EPH_NF	30.02	N/A	ritesh	Evelyn	2			5
Q2007-22	OR-636-38	EPH_NF	30.07	N/A	ritesh	Evelyn	2			6
Q2007-23	OR-636-39	EPH_NF	30.05	N/A	ritesh	Evelyn	2			U2-1
Q2007-27	OR-636-40	EPH_NF	30.01	N/A	ritesh	Evelyn	2			2
Q2007-28	OR-636-41	EPH_NF	30.04	N/A	ritesh	Evelyn	2			3
Q2007-29	OR-636-42	EPH_NF	30.09	N/A	ritesh	Evelyn	2			4
Q2007-33	OR-636-43	EPH_NF	30.02	N/A	ritesh	Evelyn	2			5
Q2007-34	OR-636-44	EPH_NF	30.03	N/A	ritesh	Evelyn	2			6
Q2007-35	OR-636-45	EPH_NF	30.06	N/A	ritesh	Evelyn	2			U7-1

1679744
9:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2007

WorkList ID : 189482

Department : Extraction

Date : 05-13-2025 08:53:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1987-01	GC1	Solid	EPH_NF	Cool 4 deg C	GENV01	L41	05/07/2025	NJEPH
Q2007-03	OR-636-28	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/09/2025	NJEPH
Q2007-04	OR-636-29	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/09/2025	NJEPH
Q2007-05	OR-636-30	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/09/2025	NJEPH
Q2007-09	OR-636-31	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/09/2025	NJEPH
Q2007-10	OR-636-32	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/09/2025	NJEPH
Q2007-11	OR-636-33	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/09/2025	NJEPH
Q2007-15	OR-636-34	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/09/2025	NJEPH
Q2007-16	OR-636-35	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/09/2025	NJEPH
Q2007-17	OR-636-36	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/09/2025	NJEPH
Q2007-21	OR-636-37	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/09/2025	NJEPH
Q2007-22	OR-636-38	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/09/2025	NJEPH
Q2007-23	OR-636-39	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/09/2025	NJEPH
Q2007-27	OR-636-40	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/09/2025	NJEPH
Q2007-28	OR-636-41	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/09/2025	NJEPH
Q2007-29	OR-636-42	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/09/2025	NJEPH
Q2007-33	OR-636-43	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/09/2025	NJEPH
Q2007-34	OR-636-44	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/09/2025	NJEPH
Q2007-35	OR-636-45	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/09/2025	NJEPH

Date/Time 05/13/25 9:30

Raw Sample Received by: RJ LEA-velb)

Raw Sample Relinquished by: CP SM

Date/Time 05/13/25 10:05

Raw Sample Received by: CP SM

Raw Sample Relinquished by: RJ LEA-velb)

LAB CHRONICLE

OrderID:	Q1987	OrderDate:	5/8/2025 1:07:00 PM
Client:	G Environmental	Project:	Hillside
Contact:	Gary Landis	Location:	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1987-01	GC1	Solid	EPH_NF	NJEPH	05/07/25	05/13/25	05/13/25	05/08/25