



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	05/01/25
Project:	Amsterdam	Date Received:	05/01/25
Client Sample ID:	GB1	SDG No.:	Q1939
Lab Sample ID:	Q1939-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.8
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
05/02/25 09:15	05/05/25 12:00	PB167833

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	6.23		1	1.39	2.36	mg/kg	FC068764.D
Aliphatic C9-C28	Aliphatic C9-C28	5.37		1	1.07	4.71	mg/kg	FC068764.D
Total AliphaticEPH	Total AliphaticEPH	11.6			2.46	7.08	mg/kg	
Total EPH	Total EPH	11.6			2.46	7.08	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:	05/01/25
Project:	Amsterdam	Date Received:	05/01/25
Client Sample ID:	GB1	SDG No.:	Q1939
Lab Sample ID:	Q1939-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.8
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
FC068764.D	1	05/02/25	05/05/25	PB167833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.37		1.07	4.71	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.23		1.39	2.36	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.4		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.9		40 - 140	60%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1939-01	Acq On:	05 May 2025 12:00
Client Sample ID:	GB1	Operator:	YP/AJ
Data file:	FC068764.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	3.342	6.643	264625	2.513	300	ug/ml
Aliphatic C12-C16	6.644	10.043	541080	5.288	200	ug/ml
Aliphatic C16-C21	10.044	13.410	811156	8.209	300	ug/ml
Aliphatic C21-C28	13.411	17.073	4930006	52.344	400	ug/ml
Aliphatic C28-C40	17.074	22.072	7135066	79.382	600	ug/ml
Aliphatic EPH	3.342	22.072	13681933	147.736		ug/ml
ortho-Terphenyl (SURR)	11.712	11.712	3812834	29.94		ug/ml
1-chlorooctadecane (SURR)	13.145	13.145	3477612	37.44		ug/ml
Aliphatic C9-C28	3.342	17.073	6546867	68.354	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	05/01/25
Project:	Amsterdam	Date Received:	05/01/25
Client Sample ID:	GB2	SDG No.:	Q1939
Lab Sample ID:	Q1939-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/02/25 09:15	05/02/25 19:24	PB167833

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	3.28		1	1.51	2.56	mg/kg FE053630.D
Aliphatic C9-C28	Aliphatic C9-C28	88.5		1	1.16	5.12	mg/kg FE053630.D
Total AliphaticEPH	Total AliphaticEPH	91.8			2.67	7.68	mg/kg
Total EPH	Total EPH	91.8			2.67	7.68	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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J = Estimated Value

B = Analyte Found in Associated Method Blank

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D = Dilution

Report of Analysis

Client:	G Environmental	Date Collected:	05/01/25
Project:	Amsterdam	Date Received:	05/01/25
Client Sample ID:	GB2	SDG No.:	Q1939
Lab Sample ID:	Q1939-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053630.D	1	05/02/25	05/02/25	PB167833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	88.5		1.16	5.12	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.28		1.51	2.56	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	22.3		40 - 140	45%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	21.5		40 - 140	43%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1939-03	Acq On:	02 May 2025 19:24
Client Sample ID:	GB2	Operator:	YP\AJ
Data file:	FE053630.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.114	6.755	10468117	75.548	300	ug/ml
Aliphatic C12-C16	6.756	10.204	77015519	543.104	200	ug/ml
Aliphatic C16-C21	10.205	13.579	56743374	390.354	300	ug/ml
Aliphatic C21-C28	13.580	17.248	4064777	28.59	400	ug/ml
Aliphatic C28-C40	17.249	22.135	4960118	38.436	600	ug/ml
Aliphatic EPH	3.114	22.135	153251905	1080		ug/ml
ortho-Terphenyl (SURR)	11.865	11.865	3877342	21.5		ug/ml
1-chlorooctadecane (SURR)	13.311	13.311	3020419	22.34		ug/ml
Aliphatic C9-C28	3.114	17.248	148291787	1040	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	05/01/25
Project:	Amsterdam	Date Received:	05/01/25
Client Sample ID:	GB3	SDG No.:	Q1939
Lab Sample ID:	Q1939-05	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
05/02/25 09:15	05/05/25 11:44	PB167833

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.85	J	1	1.36	2.31	mg/kg	FE053637.D
Aliphatic C9-C28	Aliphatic C9-C28	1.58	J	1	1.05	4.61	mg/kg	FE053637.D
Total AliphaticEPH	Total AliphaticEPH	3.43	J		2.41	6.92	mg/kg	
Total EPH	Total EPH	3.43	J		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.

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MDL = Method Detection Limit

LOD = Limit of Detection

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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:	05/01/25
Project:	Amsterdam	Date Received:	05/01/25
Client Sample ID:	GB3	SDG No.:	Q1939
Lab Sample ID:	Q1939-05	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 :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053637.D	1	05/02/25	05/05/25	PB167833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	1.58	J	1.05	4.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.85	J	1.36	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.7		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.8		40 - 140	64%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1939-05	Acq On:	05 May 2025 11:44
Client Sample ID:	GB3	Operator:	YP\AJ
Data file:	FE053637.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.112	6.755	321009	2.317	300	ug/ml
Aliphatic C12-C16	6.756	10.204	505742	3.566	200	ug/ml
Aliphatic C16-C21	10.205	13.579	981435	6.752	300	ug/ml
Aliphatic C21-C28	13.580	17.249	1131049	7.955	400	ug/ml
Aliphatic C28-C40	17.250	22.140	3105193	24.062	600	ug/ml
Aliphatic EPH	3.112	22.140	6044428	44.652		ug/ml
ortho-Terphenyl (SURR)	11.867	11.867	5741828	31.84		ug/ml
1-chlorooctadecane (SURR)	13.312	13.312	5360543	39.66		ug/ml
Aliphatic C9-C28	3.112	17.249	2939235	20.59	1200	ug/ml



QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01
Lab Code: CHEM CASE No.: Q1939 SAS No.: Q1939 SDG No.: Q1939
Run Number: FC050225AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB167833BL	77	74		0
PB167833BS	78	75		0
PB167833BSD	76	73		0
MH-QMS	51	47		0
MH-QMSD	49	46		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

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01
Lab Code: CHEM CASE No.: Q1939 SAS No.: Q1939 SDG No.: Q1939
Run Number: FC050525AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)	TOT OUT
GB1	75	60	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

A
B
C
D
E
F
G
H
I
J

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01
Lab Code: CHEM CASE No.: Q1939 SAS No.: Q1939 SDG No.: Q1939
Run Number: FE050225AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)	TOT OUT
GB2	45	43	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

A
B
C
D
E
F
G
H
I
J

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01
Lab Code: CHEM CASE No.: Q1939 SAS No.: Q1939 SDG No.: Q1939
Run Number: FE050525AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)	TOT OUT
GB3	79	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

A
B
C
D
E
F
G
H
I
J

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

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

Lab Code: CHEM **Cas No:** Q1939 **SAS No :** Q1939 **SDG No:** Q1939

Sample No : Q1928-01MS **Datafile:** FC068754.D

Client ID : MH-QMS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	34.4	5.93	37.6	92		(40-140)
Aliphatic C9-C28	114.7	4.64	105	88		(40-140)

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

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

Lab Code: CHEM **Cas No:** Q1939 **SAS No :** Q1939 **SDG No:** Q1939

Sample No : Q1928-01MSD **Datafile:** FC068755.D

Client ID : MH-QMSD

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	34.4	5.93	37.5	92		0.11 (40-140)	25
Aliphatic C9-C28	114.5	4.64	104	87		0.5 (40-140)	25

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** G Environmental
Lab Code: CHEM **Cas No:** Q1939 **SAS No :** Q1939 **SDG No:** Q1939
Sample No : PB167833BS **Datafile:** FC068750.D
Client ID : PB167833BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	30.0	26.5	88		(40-140)
Aliphatic C9-C28	99.9	95.3	94		(40-140)

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

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

Lab Code: CHEM **Cas No:** Q1939 **SAS No :** Q1939 **SDG No:** Q1939

Sample No : PB167833BSD **Datafile:** FC068751.D

Client ID : PB167833BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	30.0	26.1	87		1.5 (40-140)	50
Aliphatic C9-C28	99.9	93.9	93		1.4 (40-140)	50

4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167833BL

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM Case No.: Q1939

SAS No.: Q1939 SDG NO.: Q1939

Instrument ID: FID_C

Lab Sample ID: PB167833BL

Matrix: (soil/water) Solid

Date Extracted: 5/2/2025 9:15:00 AM

Level: (low/med) low

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

EPA SAMPLE NO.	LAB SAMPLE ID
PB167833BS	PB167833BS
PB167833BSD	PB167833BSD
MH-QMS	Q1928-01MS
MH-QMSD	Q1928-01MSD
GB1	Q1939-01
GB2	Q1939-03
GB3	Q1939-05

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	PB167833BL	SDG No.:	Q1939
Lab Sample ID:	PB167833BL	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
05/02/25 09:15	05/02/25 16:33	PB167833

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	FC068749.D
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	4.00	mg/kg	FC068749.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	6.00	mg/kg	
Total EPH	Total EPH	2.09	U		2.09	6.00	mg/kg	

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

U = Not Detected

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Amsterdam		Date Received:	
Client Sample ID:	PB167833BL		SDG No.:	Q1939
Lab Sample ID:	PB167833BL		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
FC068749.D	1	05/02/25	05/02/25	PB167833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.5		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.2		40 - 140	74%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167833BL	Acq On:	02 May 2025 16:33
Client Sample ID:	PB167833BL	Operator:	YP/AJ
Data file:	FC068749.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.343	6.645	0	0	300	ug/ml
Aliphatic C12-C16	6.646	10.046	0	0	200	ug/ml
Aliphatic C16-C21	10.047	13.415	0	0	300	ug/ml
Aliphatic C21-C28	13.416	17.079	0	0	400	ug/ml
Aliphatic C28-C40	17.080	22.085	0	0	600	ug/ml
Aliphatic EPH	3.343	22.085	0	0		ug/ml
ortho-Terphenyl (SURR)	11.716	11.716	4742359	37.24		ug/ml
1-chlorooctadecane (SURR)	13.149	13.149	3580214	38.54		ug/ml
Aliphatic C9-C28	3.343	17.079	0	0	1200	ug/ml

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Amsterdam		Date Received:		
Client Sample ID:	PB167833BS		SDG No.:	Q1939	
Lab Sample ID:	PB167833BS		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
05/02/25 09:15	05/02/25 17:11	PB167833

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	26.5		1	1.18	2.00	mg/kg	FC068750.D
Aliphatic C9-C28	Aliphatic C9-C28	95.3	E	1	0.91	3.99	mg/kg	FC068750.D
Total AliphaticEPH	Total AliphaticEPH	122			2.09	5.99	mg/kg	
Total EPH	Total EPH	122			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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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Amsterdam		Date Received:	
Client Sample ID:	PB167833BS		SDG No.:	Q1939
Lab Sample ID:	PB167833BS		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
FC068750.D	1	05/02/25	05/02/25	PB167833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	95.3	E	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.5		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.0		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.3		40 - 140	75%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167833BS	Acq On:	02 May 2025 17:11
Client Sample ID:	PB167833BS	Operator:	YP/AJ
Data file:	FC068750.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	3.343	6.645	23606409	224.221	300	ug/ml
Aliphatic C12-C16	6.646	10.046	38960672	380.763	200	ug/ml
Aliphatic C16-C21	10.047	13.415	35112294	355.328	300	ug/ml
Aliphatic C21-C28	13.416	17.079	44232371	469.631	400	ug/ml
Aliphatic C28-C40	17.080	22.085	35723885	397.449	600	ug/ml
Aliphatic EPH	3.343	22.085	177635631	1830		ug/ml
ortho-Terphenyl (SURR)	11.716	11.716	4746439	37.27		ug/ml
1-chlorooctadecane (SURR)	13.149	13.149	3617879	38.95		ug/ml
Aliphatic C9-C28	3.343	17.079	141911746	1430	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	PB167833BSD	SDG No.:	Q1939
Lab Sample ID:	PB167833BSD	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
05/02/25 09:15	05/02/25 17:49	PB167833

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	26.1		1	1.18	2.00	mg/kg	FC068751.D
Aliphatic C9-C28	Aliphatic C9-C28	93.9	E	1	0.91	3.99	mg/kg	FC068751.D
Total AliphaticEPH	Total AliphaticEPH	120			2.09	5.99	mg/kg	
Total EPH	Total EPH	120			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:	Amsterdam		Date Received:	
Client Sample ID:	PB167833BSD		SDG No.:	Q1939
Lab Sample ID:	PB167833BSD		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
FC068751.D	1	05/02/25	05/02/25	PB167833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	93.9	E	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.1		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.2		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.5		40 - 140	73%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167833BSD	Acq On:	02 May 2025 17:49
Client Sample ID:	PB167833BSD	Operator:	YP/AJ
Data file:	FC068751.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	3.343	6.645	23206454	220.422	300	ug/ml
Aliphatic C12-C16	6.646	10.046	38598655	377.225	200	ug/ml
Aliphatic C16-C21	10.047	13.415	34449254	348.618	300	ug/ml
Aliphatic C21-C28	13.416	17.079	43680812	463.775	400	ug/ml
Aliphatic C28-C40	17.080	22.085	35159652	391.172	600	ug/ml
Aliphatic EPH	3.343	22.085	175094827	1800		ug/ml
ortho-Terphenyl (SURR)	11.716	11.716	4644152	36.47		ug/ml
1-chlorooctadecane (SURR)	13.148	13.148	3546426	38.18		ug/ml
Aliphatic C9-C28	3.343	17.079	139935175	1410	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	MH-QMS	SDG No.:	Q1939
Lab Sample ID:	Q1928-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.1
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
05/02/25 09:15	05/02/25 19:42	PB167833

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	37.6		1	1.35	2.29	mg/kg	FC068754.D
Aliphatic C9-C28	Aliphatic C9-C28	105	E	1	1.04	4.59	mg/kg	FC068754.D
Total AliphaticEPH	Total AliphaticEPH	143			2.39	6.88	mg/kg	
Total EPH	Total EPH	143			2.39	6.88	mg/kg	

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	MH-QMS	SDG No.:	Q1939
Lab Sample ID:	Q1928-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.1
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
FC068754.D	1	05/02/25	05/02/25	PB167833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	105	E	1.04	4.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	37.6		1.35	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.3		40 - 140	51%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.3		40 - 140	47%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1928-01MS	Acq On:	02 May 2025 19:42
Client Sample ID:	MH-QMS	Operator:	YP/AJ
Data file:	FC068754.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.343	6.645	20467143	194.403	300	ug/ml
Aliphatic C12-C16	6.646	10.046	36278177	354.547	200	ug/ml
Aliphatic C16-C21	10.047	13.415	35082923	355.031	300	ug/ml
Aliphatic C21-C28	13.416	17.079	44564003	473.152	400	ug/ml
Aliphatic C28-C40	17.080	22.085	44154139	491.241	600	ug/ml
Aliphatic EPH	3.343	22.085	180546385	1870		ug/ml
ortho-Terphenyl (SURR)	11.714	11.714	2971417	23.33		ug/ml
1-chlorooctadecane (SURR)	13.147	13.147	2351177	25.31		ug/ml
Aliphatic C9-C28	3.343	17.079	136392246	1380	1200	ug/ml

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	MH-QMSD	SDG No.:	Q1939
Lab Sample ID:	Q1928-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/02/25 09:15	05/02/25 20:19	PB167833

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	37.5		1	1.35	2.29	mg/kg	FC068755.D
Aliphatic C9-C28	Aliphatic C9-C28	105	E	1	1.04	4.59	mg/kg	FC068755.D
Total AliphaticEPH	Total AliphaticEPH	142			2.39	6.88	mg/kg	
Total EPH	Total EPH	142			2.39	6.88	mg/kg	

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Amsterdam		Date Received:		
Client Sample ID:	MH-QMSD		SDG No.:	Q1939	
Lab Sample ID:	Q1928-01MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.1	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068755.D	1	05/02/25	05/02/25	PB167833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	105	E	1.04	4.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	37.5		1.35	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	24.4		40 - 140	49%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.0		40 - 140	46%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1928-01MSD	Acq On:	02 May 2025 20:19
Client Sample ID:	MH-QMSD	Operator:	YP/AJ
Data file:	FC068755.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.343	6.645	20934135	198.839	300	ug/ml
Aliphatic C12-C16	6.646	10.046	36195213	353.736	200	ug/ml
Aliphatic C16-C21	10.047	13.415	34515943	349.293	300	ug/ml
Aliphatic C21-C28	13.416	17.079	44160526	468.868	400	ug/ml
Aliphatic C28-C40	17.080	22.085	44146600	491.157	600	ug/ml
Aliphatic EPH	3.343	22.085	179952417	1860		ug/ml
ortho-Terphenyl (SURR)	11.714	11.714	2930800	23.02		ug/ml
1-chlorooctadecane (SURR)	13.147	13.147	2271721	24.45		ug/ml
Aliphatic C9-C28	3.343	17.079	135805817	1370	1200	ug/ml



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FC040925AL

AreaCount

Parameter Range	FC068515.D	FC068516.D	FC068517.D	FC068518.D	FC068519.D	
Aliphatic C9-C12	28917690.000	15222657.000	6286032.000	3422392.000	1645296.000	
Aliphatic C12-C16	18431489.000	9897338.000	4088590.000	2253140.000	1056103.000	
Aliphatic C16-C21	26693561.000	14380121.000	5937795.000	3290227.000	1508988.000	
Aliphatic C21-C28	34681529.000	18246305.000	7529133.000	4137443.000	1908822.000	
Aliphatic C28-C40	51686216.000	25852842.000	10689091.000	5728785.000	2776165.000	
Aliphatic EPH	160410485.000	83599263.000	34530641.000	18831987.000	8895374.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	105282.0026666	6.555				
Aliphatic C12-C16	102322.575	7.446				
Aliphatic C16-C21	98816.5386664	7.616				
Aliphatic C21-C28	94185.337	6.542				
Aliphatic C28-C40	89882.8349998	4.545				
Aliphatic EPH	96276.6184442	6.125				

Concentration

Parameter Range	FC068515.D	FC068516.D	FC068517.D	FC068518.D	FC068519.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	FC068515.D	FC068516.D	FC068517.D	FC068518.D	FC068519.D	
Aliphatic C9-C12	96392.300000	101484.380000	104767.200000	114079.733333	109686.400000	
Aliphatic C12-C16	92157.445000	98973.380000	102214.750000	112657.000000	105610.300000	
Aliphatic C16-C21	88978.536666	95867.473333	98963.250000	109674.233333	100599.200000	

Initial Calibration Report for SequenceID : FC040925AL

Aliphatic C21-C28	86703.822500	91231.525000	94114.162500	103436.075000	95441.100000	
Aliphatic C28-C40	86143.693333	86176.140000	89075.758333	95479.750000	92538.833333	
Aliphatic EPH	89116.936111	92888.070000	95918.447222	104622.150000	98837.488888	

Initial Calibration Report for SequenceID : FE041725AL

AreaCount

Parameter Range	FE053387.D	FE053388.D	FE053389.D	FE053390.D	FE053391.D	
Aliphatic C9-C12	40273090.000	19897378.000	8360865.000	4326048.000	2135544.000	
Aliphatic C12-C16	27441716.000	13492815.000	5715907.000	2962308.000	1458806.000	
Aliphatic C16-C21	41381922.000	20604545.000	8806501.000	4584729.000	2278742.000	
Aliphatic C21-C28	52866206.000	26808218.000	11424282.000	6149304.000	2962608.000	
Aliphatic C28-C40	71474370.000	36798070.000	15512235.000	8329821.000	4060883.000	
Aliphatic EPH	233437304.000	117601026.000	49819790.000	26352210.000	12896583.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	138562.3539998	3.618				
Aliphatic C12-C16	141806.081	3.959				
Aliphatic C16-C21	145363.7646664	5.098				
Aliphatic C21-C28	142174.626	6.444				
Aliphatic C28-C40	129049.1849998	6.424				
Aliphatic EPH	137688.0073328	5.4				

Concentration

Parameter Range	FE053387.D	FE053388.D	FE053389.D	FE053390.D	FE053391.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	FE053387.D	FE053388.D	FE053389.D	FE053390.D	FE053391.D	
Aliphatic C9-C12	134243.633333	132649.186666	139347.750000	144201.600000	142369.600000	
Aliphatic C12-C16	137208.580000	134928.150000	142897.675000	148115.400000	145880.600000	
Aliphatic C16-C21	137939.740000	137363.633333	146775.016666	152824.300000	151916.133333	

Initial Calibration Report for SequenceID : FE041725AL

Aliphatic C21-C28	132165.515000	134041.090000	142803.525000	153732.600000	148130.400000	
Aliphatic C28-C40	119123.950000	122660.233333	129268.625000	138830.350000	135362.766666	
Aliphatic EPH	129687.391111	130667.806666	138388.305555	146401.166666	143295.366666	

Continuing Calibration Report for SequenceID : FC050225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC068748.D

Aliphatic C9-C12	5997337.000	60.000	3.343	6.645	99955.617	105282.003	5.059
Aliphatic C12-C16	3867344.000	40.000	6.646	10.046	96683.600	102322.575	5.511
Aliphatic C16-C21	5592959.000	60.000	10.047	13.415	93215.983	98816.539	5.668
Aliphatic C21-C28	7186492.000	80.000	13.416	17.079	89831.150	94185.337	4.623
Aliphatic C28-C40	11519078.000	120.000	17.080	22.085	95992.317	89882.835	-6.797
Aliphatic EPH	34163210.000	360.000	3.343	22.085	94897.806	96276.618	1.432

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	02 May 2025 15:56
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068748.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.343	6.645	5997337.000	60.000	ug/ml
Aliphatic C12-C16	6.646	10.046	3867344.000	40.000	ug/ml
Aliphatic C16-C21	10.047	13.415	5592959.000	60.000	ug/ml
Aliphatic C21-C28	13.416	17.079	7186492.000	80.000	ug/ml
Aliphatic C28-C40	17.080	22.085	11519078.000	120.000	ug/ml
Aliphatic EPH	3.343	22.085	34163210.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FC050225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC068758.D

Aliphatic C9-C12	5796149.000	60.000	3.343	6.645	96602.483	105282.003	8.244
Aliphatic C12-C16	3655219.000	40.000	6.646	10.046	91380.475	102322.575	10.694
Aliphatic C16-C21	5276212.000	60.000	10.047	13.415	87936.867	98816.539	11.010
Aliphatic C21-C28	6971161.000	80.000	13.416	17.079	87139.513	94185.337	7.481
Aliphatic C28-C40	11514316.000	120.000	17.080	22.085	95952.633	89882.835	-6.753
Aliphatic EPH	33213057.000	360.000	3.343	22.085	92258.492	96276.618	4.174

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	02 May 2025 22:47
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068758.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.343	6.645	5796149.000	60.000	ug/ml
Aliphatic C12-C16	6.646	10.046	3655219.000	40.000	ug/ml
Aliphatic C16-C21	10.047	13.415	5276212.000	60.000	ug/ml
Aliphatic C21-C28	13.416	17.079	6971161.000	80.000	ug/ml
Aliphatic C28-C40	17.080	22.085	11514316.000	120.000	ug/ml
Aliphatic EPH	3.343	22.085	33213057.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FC050525AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC068761.D

Aliphatic C9-C12	6153886.000	60.000	3.342	6.643	102564.767	105282.003	2.581
Aliphatic C12-C16	4011540.000	40.000	6.644	10.043	100288.500	102322.575	1.988
Aliphatic C16-C21	5821248.000	60.000	10.044	13.410	97020.800	98816.539	1.817
Aliphatic C21-C28	7504771.000	80.000	13.411	17.073	93809.638	94185.337	0.399
Aliphatic C28-C40	11707657.000	120.000	17.074	22.072	97563.808	89882.835	-8.546
Aliphatic EPH	35199102.000	360.000	3.342	22.072	97775.283	96276.618	-1.557

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	05 May 2025 10:11
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068761.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.342	6.643	6153886.000	60.000	ug/ml
Aliphatic C12-C16	6.644	10.043	4011540.000	40.000	ug/ml
Aliphatic C16-C21	10.044	13.410	5821248.000	60.000	ug/ml
Aliphatic C21-C28	13.411	17.073	7504771.000	80.000	ug/ml
Aliphatic C28-C40	17.074	22.072	11707657.000	120.000	ug/ml
Aliphatic EPH	3.342	22.072	35199102.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FC050525AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FC068766.D

Aliphatic C9-C12	6034329.000	60.000	3.342	6.643	100572.150	105282.003	4.474
Aliphatic C12-C16	3891947.000	40.000	6.644	10.043	97298.675	102322.575	4.910
Aliphatic C16-C21	5644445.000	60.000	10.044	13.410	94074.083	98816.539	4.799
Aliphatic C21-C28	7443449.000	80.000	13.411	17.073	93043.113	94185.337	1.213
Aliphatic C28-C40	12269931.000	120.000	17.074	22.072	102249.425	89882.835	-13.759
Aliphatic EPH	35284101.000	360.000	3.342	22.072	98011.392	96276.618	-1.802

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	05 May 2025 13:13
Client Sample ID:		Operator:	YP/AJ
Data file:	FC068766.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.342	6.643	6034329.000	60.000	ug/ml
Aliphatic C12-C16	6.644	10.043	3891947.000	40.000	ug/ml
Aliphatic C16-C21	10.044	13.410	5644445.000	60.000	ug/ml
Aliphatic C21-C28	13.411	17.073	7443449.000	80.000	ug/ml
Aliphatic C28-C40	17.074	22.072	12269931.000	120.000	ug/ml
Aliphatic EPH	3.342	22.072	35284101.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FE050225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE053618.D

Aliphatic C9-C12	8509712.000	60.000	3.114	6.755	141828.533	138562.354	-2.357
Aliphatic C12-C16	5638130.000	40.000	6.756	10.204	140953.250	141806.081	0.601
Aliphatic C16-C21	8230190.000	60.000	10.205	13.579	137169.833	145363.765	5.637
Aliphatic C21-C28	10288413.000	80.000	13.580	17.248	128605.163	142174.626	9.544
Aliphatic C28-C40	14723785.000	120.000	17.249	22.135	122698.208	129049.185	4.921
Aliphatic EPH	47390230.000	360.000	3.114	22.135	131639.528	137688.007	4.393

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	02 May 2025 10:11
Client Sample ID:		Operator:	YP\AJ
Data file:	FE053618.D	Misc:	
Instrument:	FID_E	ALS Vial:	4
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.114	6.755	8509712.000	60.000	ug/ml
Aliphatic C12-C16	6.756	10.204	5638130.000	40.000	ug/ml
Aliphatic C16-C21	10.205	13.579	8230190.000	60.000	ug/ml
Aliphatic C21-C28	13.580	17.248	10288413.000	80.000	ug/ml
Aliphatic C28-C40	17.249	22.135	14723785.000	120.000	ug/ml
Aliphatic EPH	3.114	22.135	47390230.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FE050225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE053633.D

Aliphatic C9-C12	7523288.000	60.000	3.114	6.755	125388.133	138562.354	9.508
Aliphatic C12-C16	5185546.000	40.000	6.756	10.204	129638.650	141806.081	8.580
Aliphatic C16-C21	7773718.000	60.000	10.205	13.579	129561.967	145363.765	10.871
Aliphatic C21-C28	10140274.000	80.000	13.580	17.248	126753.425	142174.626	10.847
Aliphatic C28-C40	15671059.000	120.000	17.249	22.135	130592.158	129049.185	-1.196
Aliphatic EPH	46293885.000	360.000	3.114	22.135	128594.125	137688.007	6.605

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	02 May 2025 21:25
Client Sample ID:		Operator:	YP\AJ
Data file:	FE053633.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.114	6.755	7523288.000	60.000	ug/ml
Aliphatic C12-C16	6.756	10.204	5185546.000	40.000	ug/ml
Aliphatic C16-C21	10.205	13.579	7773718.000	60.000	ug/ml
Aliphatic C21-C28	13.580	17.248	10140274.000	80.000	ug/ml
Aliphatic C28-C40	17.249	22.135	15671059.000	120.000	ug/ml
Aliphatic EPH	3.114	22.135	46293885.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FE050525AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE053636.D

Aliphatic C9-C12	9053371.000	60.000	3.112	6.755	150889.517	138562.354	-8.896
Aliphatic C12-C16	6123271.000	40.000	6.756	10.204	153081.775	141806.081	-7.951
Aliphatic C16-C21	9060193.000	60.000	10.205	13.579	151003.217	145363.765	-3.880
Aliphatic C21-C28	11308512.000	80.000	13.580	17.249	141356.400	142174.626	0.576
Aliphatic C28-C40	14043864.000	120.000	17.250	22.140	117032.200	129049.185	9.312
Aliphatic EPH	49589211.000	360.000	3.112	22.140	137747.808	137688.007	-0.043

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	05 May 2025 11:14
Client Sample ID:		Operator:	YPAJ
Data file:	FE053636.D	Misc:	
Instrument:	FID_E	ALS Vial:	4
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.112	6.755	9053371.000	60.000	ug/ml
Aliphatic C12-C16	6.756	10.204	6123271.000	40.000	ug/ml
Aliphatic C16-C21	10.205	13.579	9060193.000	60.000	ug/ml
Aliphatic C21-C28	13.580	17.249	11308512.000	80.000	ug/ml
Aliphatic C28-C40	17.250	22.140	14043864.000	120.000	ug/ml
Aliphatic EPH	3.112	22.140	49589211.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FE050525AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE053640.D

Aliphatic C9-C12	9038765.000	60.000	3.112	6.755	150646.083	138562.354	-8.721
Aliphatic C12-C16	6131080.000	40.000	6.756	10.204	153277.000	141806.081	-8.089
Aliphatic C16-C21	9075695.000	60.000	10.205	13.579	151261.583	145363.765	-4.057
Aliphatic C21-C28	11352728.000	80.000	13.580	17.249	141909.100	142174.626	0.187
Aliphatic C28-C40	14676919.000	120.000	17.250	22.140	122307.658	129049.185	5.224
Aliphatic EPH	50275187.000	360.000	3.112	22.140	139653.297	137688.007	-1.427

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J

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	05 May 2025 13:44
Client Sample ID:		Operator:	YP\AJ
Data file:	FE053640.D	Misc:	
Instrument:	FID_E	ALS Vial:	4
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.112	6.755	9038765.000	60.000	ug/ml
Aliphatic C12-C16	6.756	10.204	6131080.000	40.000	ug/ml
Aliphatic C16-C21	10.205	13.579	9075695.000	60.000	ug/ml
Aliphatic C21-C28	13.580	17.249	11352728.000	80.000	ug/ml
Aliphatic C28-C40	17.250	22.140	14676919.000	120.000	ug/ml
Aliphatic EPH	3.112	22.140	50275187.000	360.000	ug/ml



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050525AL\
 Data File : FC068764.D
 Signal(s) : FID1A.ch
 Acq On : 05 May 2025 12:00
 Operator : YP/AJ
 Sample : Q1939-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 GB1

Integration File: autoint1.e
 Quant Time: May 06 03:49:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.712	3812834	29.943 ug/ml
Spiked Amount	50.000	Recovery	= 59.89%
12) S 1-chlorooctadecane (S...	13.145	3477612	37.436 ug/ml
Spiked Amount	50.000	Recovery	= 74.87%

Target Compounds

(f)=RT Delta > 1/2 Window

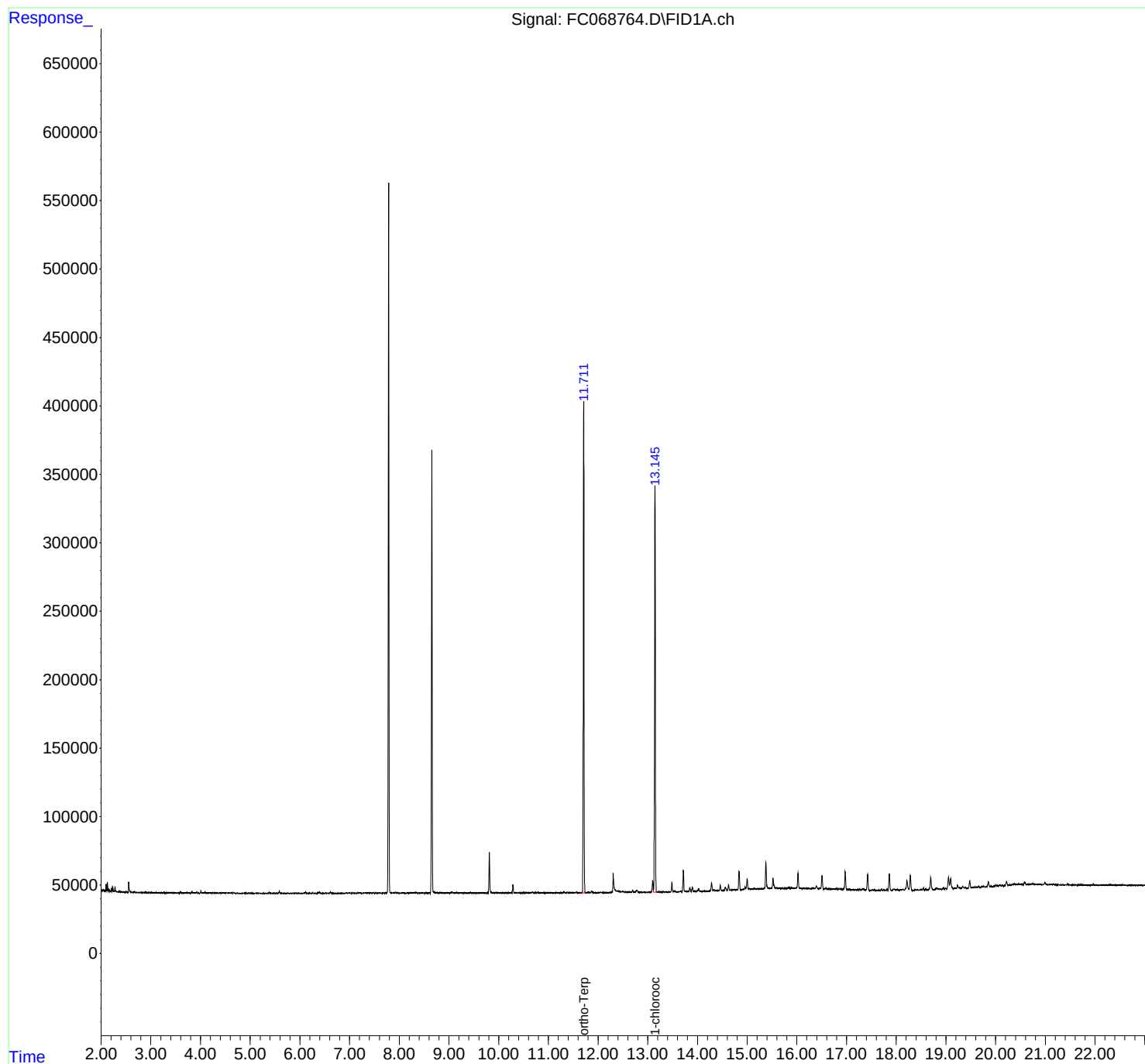
(m)=manual int.

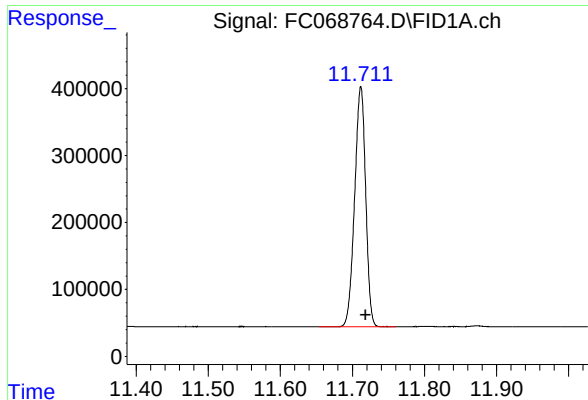
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050525AL\
Data File : FC068764.D
Signal(s) : FID1A.ch
Acq On : 05 May 2025 12:00
Operator : YP/AJ
Sample : Q1939-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
GB1

Integration File: autoint1.e
Quant Time: May 06 03:49:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
Quant Title : GC Extractables
QLast Update : Tue Apr 08 17:31:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

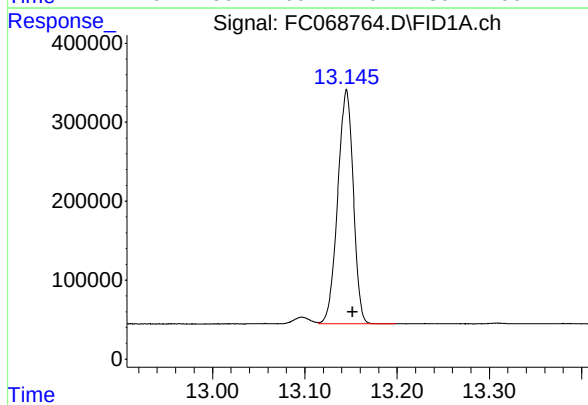




#9 ortho-Terphenyl (SURR)

R.T.: 11.712 min
Delta R.T.: -0.007 min
Response: 3812834
Conc: 29.94 ug/ml

Instrument :
FID_C
ClientSampleId :
GB1



#12 1-chlorooctadecane (SURR)

R.T.: 13.145 min
Delta R.T.: -0.007 min
Response: 3477612
Conc: 37.44 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050525AL\
 Data File : FC068764.D
 Signal(s) : FID1A.ch
 Acq On : 05 May 2025 12:00
 Sample : Q1939-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.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	3.228	3.205	3.275	BV	113	1935	0.05%	0.009%
2	3.279	3.275	3.301	PV	126	803	0.02%	0.004%
3	3.322	3.301	3.427	VV	231	8369	0.22%	0.040%
4	3.444	3.427	3.478	VV	189	2480	0.06%	0.012%
5	3.496	3.478	3.505	VV	116	967	0.03%	0.005%
6	3.522	3.505	3.545	VV	128	1209	0.03%	0.006%
7	3.592	3.545	3.667	PV	867	12248	0.32%	0.058%
8	3.689	3.667	3.745	VV	269	5296	0.14%	0.025%
9	3.760	3.745	3.795	VV	195	3173	0.08%	0.015%
10	3.828	3.795	3.907	VV	1343	15044	0.39%	0.071%
11	3.927	3.907	3.986	VV	1003	10151	0.27%	0.048%
12	4.009	3.986	4.042	VV	1650	15144	0.40%	0.072%
13	4.090	4.042	4.114	VV	872	9102	0.24%	0.043%
14	4.124	4.114	4.182	VV	127	3316	0.09%	0.016%
15	4.195	4.182	4.240	VV	91	2219	0.06%	0.010%
16	4.281	4.240	4.306	VV	198	4702	0.12%	0.022%
17	4.315	4.306	4.354	VV	180	3457	0.09%	0.016%
18	4.365	4.354	4.378	VV	146	1403	0.04%	0.007%
19	4.445	4.378	4.478	VV	161	5647	0.15%	0.027%
20	4.487	4.478	4.501	VV	143	1315	0.03%	0.006%
21	4.520	4.501	4.595	VV	500	10770	0.28%	0.051%
22	4.606	4.595	4.644	VV	177	3083	0.08%	0.015%
23	4.664	4.644	4.713	VV	677	9108	0.24%	0.043%
24	4.732	4.713	4.768	VV	117	2217	0.06%	0.010%
25	4.806	4.768	4.831	VV	85	2284	0.06%	0.011%
26	4.871	4.845	4.882	VV	140	1688	0.04%	0.008%
27	4.900	4.882	4.958	VV	152	3195	0.08%	0.015%
28	4.971	4.958	5.030	VV	110	1925	0.05%	0.009%
29	5.071	5.030	5.080	PV	131	1807	0.05%	0.009%
30	5.107	5.080	5.194	VV	181	4229	0.11%	0.020%
31	5.202	5.194	5.226	PV	117	1322	0.03%	0.006%
32	5.240	5.226	5.298	VV	121	3227	0.08%	0.015%
33	5.301	5.298	5.308	VV	118	406	0.01%	0.002%
34	5.344	5.308	5.357	VV	133	2808	0.07%	0.013%
35	5.378	5.357	5.412	VV	548	6651	0.17%	0.031%
36	5.417	5.412	5.442	VV	90	1206	0.03%	0.006%

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37	5.455	5.442	5.489	VV	92	1766	0.05%	0.008%
38	5.559	5.489	5.570	PV	204	4169	0.11%	0.020%
39	5.586	5.570	5.618	VV	1677	16912	0.44%	0.080%
40	5.627	5.618	5.640	VV	227	1364	0.04%	0.006%
41	5.661	5.640	5.743	VV	163	5089	0.13%	0.024%
42	5.752	5.743	5.791	VV	148	1663	0.04%	0.008%
43	5.813	5.791	5.824	VV	124	1701	0.04%	0.008%
44	5.868	5.824	5.893	VV	156	3825	0.10%	0.018%
45	5.903	5.893	5.935	VV	160	2342	0.06%	0.011%
46	5.946	5.935	5.962	PV	102	1033	0.03%	0.005%
47	5.978	5.962	5.991	VV	122	1263	0.03%	0.006%
48	5.999	5.991	6.014	VV	122	1113	0.03%	0.005%
49	6.024	6.014	6.058	VV	98	2056	0.05%	0.010%
50	6.080	6.058	6.094	VV	269	4013	0.11%	0.019%
51	6.116	6.094	6.243	VV	1062	20426	0.54%	0.096%
52	6.258	6.243	6.273	VV	304	3260	0.09%	0.015%
53	6.286	6.273	6.321	VV	137	3020	0.08%	0.014%
54	6.396	6.321	6.431	VV	753	17061	0.45%	0.081%
55	6.442	6.431	6.481	VV	186	3266	0.09%	0.015%
56	6.491	6.481	6.500	VV	117	694	0.02%	0.003%
57	6.542	6.500	6.589	VV	194	4989	0.13%	0.024%
58	6.614	6.589	6.668	VV	797	10801	0.28%	0.051%
59	6.674	6.668	6.741	VV	144	2715	0.07%	0.013%
60	6.815	6.741	6.849	VV	118	4108	0.11%	0.019%
61	6.940	6.849	6.972	VV	335	7014	0.18%	0.033%
62	6.984	6.972	7.021	VV	154	2903	0.08%	0.014%
63	7.062	7.021	7.071	VV	141	2966	0.08%	0.014%
64	7.083	7.071	7.105	VV	158	1851	0.05%	0.009%
65	7.213	7.124	7.235	VV	219	6747	0.18%	0.032%
66	7.245	7.235	7.268	VV	118	1685	0.04%	0.008%
67	7.336	7.268	7.361	VV	207	6850	0.18%	0.032%
68	7.374	7.361	7.394	VV	137	2699	0.07%	0.013%
69	7.407	7.394	7.445	VV	189	3699	0.10%	0.017%
70	7.469	7.445	7.504	VV	285	4538	0.12%	0.021%
71	7.522	7.504	7.549	VV	169	2334	0.06%	0.011%
72	7.556	7.549	7.569	VV	100	824	0.02%	0.004%
73	7.607	7.569	7.644	PV	136	2950	0.08%	0.014%
74	7.675	7.644	7.714	VV	127	3504	0.09%	0.017%
75	7.721	7.714	7.744	VV	146	1863	0.05%	0.009%
76	7.880	7.863	7.910	VV	589	10324	0.27%	0.049%
77	7.924	7.910	7.944	VV	558	6859	0.18%	0.032%
78	7.952	7.944	7.978	VV	238	3285	0.09%	0.016%
79	7.985	7.978	8.024	VV	138	2789	0.07%	0.013%
80	8.036	8.024	8.048	VV	125	1465	0.04%	0.007%
81	8.060	8.048	8.132	VV	162	4654	0.12%	0.022%
82	8.173	8.132	8.185	VV	134	2978	0.08%	0.014%
83	8.211	8.185	8.221	VV	258	3929	0.10%	0.019%
84	8.231	8.221	8.268	VV	294	6553	0.17%	0.031%
85	8.306	8.268	8.322	VV	463	10404	0.27%	0.049%
86	8.339	8.322	8.424	VV	702	11458	0.30%	0.054%
87	8.465	8.424	8.525	VV	228	4720	0.12%	0.022%
88	8.531	8.525	8.539	VV	77	525	0.01%	0.002%
89	8.568	8.539	8.611	VV	175	3676	0.10%	0.017%

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90	8.811	8.791	8.829	VV	400	5857	0.15%	0.028%
91	8.839	8.829	8.861	VV	292	3713	0.10%	0.018%
92	8.868	8.861	8.878	VV	176	1490	0.04%	0.007%
93	8.882	8.878	8.924	VV	182	2855	0.07%	0.013%
94	8.963	8.924	8.997	VV	217	5133	0.13%	0.024%
95	9.059	8.997	9.109	VV	907	20202	0.53%	0.095%
96	9.164	9.109	9.211	VV	315	7418	0.19%	0.035%
97	9.226	9.211	9.245	VV	141	2049	0.05%	0.010%
98	9.263	9.245	9.281	VV	140	1703	0.04%	0.008%
99	9.291	9.281	9.337	VV	87	2260	0.06%	0.011%
100	9.351	9.337	9.378	VV	119	1888	0.05%	0.009%
101	9.386	9.378	9.401	VV	86	1039	0.03%	0.005%
102	9.407	9.401	9.415	VV	82	540	0.01%	0.003%
103	9.442	9.415	9.511	PV	152	4230	0.11%	0.020%
104	9.545	9.511	9.581	VV	242	4980	0.13%	0.024%
105	9.617	9.581	9.626	VV	176	3099	0.08%	0.015%
106	9.631	9.626	9.648	VV	123	1192	0.03%	0.006%
107	9.658	9.648	9.701	VV	142	2709	0.07%	0.013%
108	9.719	9.701	9.741	VV	138	1995	0.05%	0.009%
109	9.814	9.741	9.923	VV	29455	320082	8.39%	1.512%
110	9.943	9.923	9.964	VV	482	6593	0.17%	0.031%
111	9.977	9.964	10.011	VV	177	3196	0.08%	0.015%
112	10.043	10.011	10.070	VV	204	3988	0.10%	0.019%
113	10.130	10.070	10.141	VV	129	3348	0.09%	0.016%
114	10.158	10.141	10.181	VV	136	1840	0.05%	0.009%
115	10.193	10.181	10.244	VV	96	2690	0.07%	0.013%
116	10.254	10.244	10.261	PV	54	561	0.01%	0.003%
117	10.288	10.261	10.354	VV	6115	69466	1.82%	0.328%
118	10.381	10.354	10.401	VV	285	5850	0.15%	0.028%
119	10.424	10.401	10.509	VV	214	7242	0.19%	0.034%
120	10.548	10.509	10.609	VV	282	8357	0.22%	0.039%
121	10.632	10.609	10.651	VV	259	4254	0.11%	0.020%
122	10.678	10.651	10.715	VV	765	12014	0.31%	0.057%
123	10.783	10.715	10.809	PV	477	10962	0.29%	0.052%
124	10.820	10.809	10.846	VV	139	2002	0.05%	0.009%
125	10.870	10.846	10.891	VV	174	2791	0.07%	0.013%
126	10.903	10.891	10.928	VV	195	2789	0.07%	0.013%
127	10.940	10.928	10.955	VV	248	2409	0.06%	0.011%
128	10.967	10.955	10.986	VV	128	1738	0.05%	0.008%
129	11.021	10.986	11.037	VV	154	2971	0.08%	0.014%
130	11.061	11.037	11.085	VV	138	2334	0.06%	0.011%
131	11.167	11.085	11.188	VV	144	5773	0.15%	0.027%
132	11.192	11.188	11.201	VV	147	708	0.02%	0.003%
133	11.215	11.201	11.241	VV	107	1560	0.04%	0.007%
134	11.251	11.241	11.292	VV	113	1996	0.05%	0.009%
135	11.317	11.292	11.345	VV	785	10466	0.27%	0.049%
136	11.387	11.345	11.415	VV	759	11036	0.29%	0.052%
137	11.435	11.415	11.445	VV	216	2531	0.07%	0.012%
138	11.465	11.445	11.478	VV	279	4242	0.11%	0.020%
139	11.483	11.478	11.527	VV	296	3071	0.08%	0.015%
140	11.548	11.527	11.565	VV	343	3837	0.10%	0.018%
141	11.580	11.565	11.607	VV	227	3121	0.08%	0.015%

					rteres			
142	11.628	11.607	11.644	PV	141	1363	0.04%	0.006%
143	11.655	11.644	11.662	VV	96	712	0.02%	0.003%
144	11.712	11.662	11.761	VV	358258	3815716	100.00%	18.022%
145	11.803	11.761	11.825	VV	608	11024	0.29%	0.052%
146	11.840	11.825	11.853	VV	333	4245	0.11%	0.020%
147	11.873	11.853	11.927	VV	1410	18079	0.47%	0.085%
148	11.940	11.927	11.954	VV	123	1216	0.03%	0.006%
149	11.995	11.954	12.024	PV	139	3313	0.09%	0.016%
150	12.056	12.024	12.095	VV	456	8144	0.21%	0.038%
151	12.105	12.095	12.129	VV	107	1667	0.04%	0.008%
152	12.148	12.129	12.188	PV	230	3896	0.10%	0.018%
153	12.202	12.188	12.212	VV	123	1003	0.03%	0.005%
154	12.305	12.212	12.374	VV	13847	214626	5.62%	1.014%
155	12.389	12.374	12.411	VV	1410	26261	0.69%	0.124%
156	12.419	12.411	12.468	VV	1123	27698	0.73%	0.131%
157	12.496	12.468	12.601	VV	830	43443	1.14%	0.205%
158	12.635	12.601	12.671	VV	740	17741	0.46%	0.084%
159	12.695	12.671	12.718	VV	1630	23341	0.61%	0.110%
160	12.781	12.718	12.807	VV	1753	40313	1.06%	0.190%
161	12.817	12.807	12.883	VV	398	9359	0.25%	0.044%
162	12.910	12.883	12.938	VV	207	4486	0.12%	0.021%
163	13.056	12.938	13.071	VV	518	12761	0.33%	0.060%
164	13.097	13.071	13.114	VV	8531	104635	2.74%	0.494%
165	13.145	13.114	13.178	VV	295168	3484396	91.32%	16.457%
166	13.189	13.178	13.213	VV	385	5712	0.15%	0.027%
167	13.231	13.213	13.248	VV	364	5044	0.13%	0.024%
168	13.261	13.248	13.283	VV	359	4291	0.11%	0.020%
169	13.308	13.283	13.334	VV	830	12822	0.34%	0.061%
170	13.357	13.334	13.375	VV	385	6840	0.18%	0.032%
171	13.383	13.375	13.411	VV	387	5162	0.14%	0.024%
172	13.433	13.411	13.455	VV	356	7218	0.19%	0.034%
173	13.484	13.455	13.520	VV	7056	92150	2.42%	0.435%
174	13.541	13.520	13.632	VV	1169	34567	0.91%	0.163%
175	13.650	13.632	13.684	VV	522	14009	0.37%	0.066%
176	13.715	13.684	13.778	VV	15942	208744	5.47%	0.986%
177	13.847	13.778	13.870	VV	3342	59410	1.56%	0.281%
178	13.895	13.870	13.963	VV	3646	66642	1.75%	0.315%
179	14.024	13.963	14.093	VV	2655	70416	1.85%	0.333%
180	14.130	14.093	14.178	VV	811	33262	0.87%	0.157%
181	14.200	14.178	14.236	VV	740	23214	0.61%	0.110%
182	14.283	14.236	14.313	VV	6727	116690	3.06%	0.551%
183	14.332	14.313	14.361	VV	1618	35022	0.92%	0.165%
184	14.393	14.361	14.415	VV	1165	32571	0.85%	0.154%
185	14.458	14.415	14.495	VV	4928	93393	2.45%	0.441%
186	14.561	14.495	14.598	VV	3498	104510	2.74%	0.494%
187	14.625	14.598	14.651	VV	5257	84290	2.21%	0.398%
188	14.675	14.651	14.698	VV	1402	37240	0.98%	0.176%
189	14.749	14.698	14.789	VV	1691	77939	2.04%	0.368%
190	14.837	14.789	14.873	VV	14778	241807	6.34%	1.142%
191	14.914	14.873	14.925	VV	1832	51500	1.35%	0.243%
192	14.958	14.925	14.975	VV	3159	69570	1.82%	0.329%
193	14.999	14.975	15.026	VV	9448	149541	3.92%	0.706%
194	15.046	15.026	15.075	VV	2487	62438	1.64%	0.295%

					rteres			
195	15.099	15.075	15.116	VV	1951	46380	1.22%	0.219%
196	15.140	15.116	15.176	VV	2550	74522	1.95%	0.352%
197	15.199	15.176	15.218	VV	2092	49340	1.29%	0.233%
198	15.262	15.218	15.286	VV	2190	83502	2.19%	0.394%
199	15.376	15.286	15.468	VV	21261	497012	13.03%	2.347%
200	15.520	15.468	15.561	VV	9731	240742	6.31%	1.137%
201	15.572	15.561	15.587	VV	2681	40122	1.05%	0.189%
202	15.602	15.587	15.633	VV	2800	69393	1.82%	0.328%
203	15.653	15.633	15.691	VV	2421	77899	2.04%	0.368%
204	15.702	15.691	15.722	VV	2320	41609	1.09%	0.197%
205	15.732	15.722	15.751	VV	2218	37641	0.99%	0.178%
206	15.786	15.751	15.801	VV	2389	67553	1.77%	0.319%
207	15.840	15.801	15.871	VV	2846	104164	2.73%	0.492%
208	15.889	15.871	15.958	VV	2677	122356	3.21%	0.578%
209	16.022	15.958	16.056	VV	13257	271302	7.11%	1.281%
210	16.078	16.056	16.107	VV	2388	66534	1.74%	0.314%
211	16.119	16.107	16.145	VV	2094	45995	1.21%	0.217%
212	16.175	16.145	16.211	VV	2136	81583	2.14%	0.385%
213	16.244	16.211	16.284	VV	2042	86546	2.27%	0.409%
214	16.335	16.284	16.362	VV	2348	98095	2.57%	0.463%
215	16.392	16.362	16.441	VV	3958	120890	3.17%	0.571%
216	16.505	16.441	16.541	VV	11598	240147	6.29%	1.134%
217	16.588	16.563	16.611	VV	1933	50490	1.32%	0.238%
218	16.635	16.611	16.658	VV	1655	44094	1.16%	0.208%
219	16.670	16.658	16.688	VV	1599	28002	0.73%	0.132%
220	16.722	16.688	16.737	VV	1564	44961	1.18%	0.212%
221	16.758	16.737	16.783	VV	1698	42286	1.11%	0.200%
222	16.805	16.783	16.832	VV	1692	46040	1.21%	0.217%
223	16.859	16.832	16.914	VV	1517	66890	1.75%	0.316%
224	16.973	16.914	17.003	VV	13995	224940	5.90%	1.062%
225	17.020	17.003	17.088	VV	1281	52833	1.38%	0.250%
226	17.102	17.088	17.168	VV	875	36207	0.95%	0.171%
227	17.179	17.168	17.194	VV	800	12051	0.32%	0.057%
228	17.262	17.194	17.284	VV	1147	44762	1.17%	0.211%
229	17.337	17.284	17.388	VV	1438	55817	1.46%	0.264%
230	17.423	17.388	17.465	VV	12105	181649	4.76%	0.858%
231	17.506	17.490	17.534	VV	620	12753	0.33%	0.060%
232	17.557	17.534	17.612	VV	523	18008	0.47%	0.085%
233	17.640	17.612	17.668	VV	380	9641	0.25%	0.046%
234	17.703	17.668	17.730	VV	1104	20041	0.53%	0.095%
235	17.752	17.730	17.775	VV	542	8963	0.23%	0.042%
236	17.814	17.775	17.835	VV	945	18515	0.49%	0.087%
237	17.860	17.835	17.893	VV	12281	165583	4.34%	0.782%
238	17.952	17.893	18.008	PV	1167	39084	1.02%	0.185%
239	18.021	18.008	18.070	VV	866	19062	0.50%	0.090%
240	18.133	18.070	18.158	VV	1099	29566	0.77%	0.140%
241	18.216	18.158	18.256	VV	7316	147408	3.86%	0.696%
242	18.283	18.256	18.331	VV	11083	165494	4.34%	0.782%
243	18.384	18.331	18.404	VV	539	12481	0.33%	0.059%
244	18.421	18.404	18.441	VV	441	7894	0.21%	0.037%
245	18.453	18.441	18.465	VV	334	3766	0.10%	0.018%
246	18.499	18.465	18.514	VV	466	10181	0.27%	0.048%

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247	18.548	18.514	18.571	VV	1429	28598	0.75%	0.135%
248	18.594	18.571	18.621	VV	911	17048	0.45%	0.081%
249	18.693	18.621	18.761	VV	9327	172600	4.52%	0.815%
250	18.815	18.761	18.855	VV	1542	55692	1.46%	0.263%
251	18.865	18.855	18.891	VV	1006	19375	0.51%	0.092%
252	18.903	18.891	18.918	VV	751	11080	0.29%	0.052%
253	18.950	18.918	18.974	VV	1331	35003	0.92%	0.165%
254	18.995	18.974	19.014	VV	1454	27469	0.72%	0.130%
255	19.050	19.014	19.073	VV	9247	166850	4.37%	0.788%
256	19.094	19.073	19.155	VV	8434	183751	4.82%	0.868%
257	19.186	19.155	19.201	VV	1369	33946	0.89%	0.160%
258	19.235	19.201	19.308	VV	3197	119087	3.12%	0.562%
259	19.338	19.308	19.367	VV	2483	66422	1.74%	0.314%
260	19.387	19.367	19.434	VV	1915	62184	1.63%	0.294%
261	19.478	19.434	19.506	VV	6538	135128	3.54%	0.638%
262	19.551	19.506	19.561	VV	1990	59941	1.57%	0.283%
263	19.583	19.561	19.604	VV	2209	52538	1.38%	0.248%
264	19.659	19.604	19.689	VV	2585	109748	2.88%	0.518%
265	19.724	19.689	19.744	VV	2433	71217	1.87%	0.336%
266	19.766	19.744	19.800	VV	2645	77452	2.03%	0.366%
267	19.854	19.800	19.885	VV	6000	172546	4.52%	0.815%
268	19.913	19.885	19.934	VV	2585	71287	1.87%	0.337%
269	20.005	19.934	20.025	VV	3111	146176	3.83%	0.690%
270	20.037	20.025	20.058	VV	2973	57370	1.50%	0.271%
271	20.080	20.058	20.112	VV	3446	103740	2.72%	0.490%
272	20.132	20.112	20.165	VV	3244	96845	2.54%	0.457%
273	20.221	20.165	20.250	VV	6120	199348	5.22%	0.942%
274	20.287	20.250	20.307	VV	3603	116110	3.04%	0.548%
275	20.384	20.307	20.421	VV	4057	256765	6.73%	1.213%
276	20.462	20.421	20.478	VV	3868	127200	3.33%	0.601%
277	20.492	20.478	20.526	VV	3854	109324	2.87%	0.516%
278	20.586	20.526	20.627	VV	5115	249400	6.54%	1.178%
279	20.766	20.627	20.831	VV	4062	470683	12.34%	2.223%
280	20.837	20.831	20.858	VV	3716	58517	1.53%	0.276%
281	20.889	20.858	20.928	VV	3671	152043	3.98%	0.718%
282	20.937	20.928	20.945	VV	3506	36695	0.96%	0.173%
283	20.993	20.945	21.041	VV	4615	221083	5.79%	1.044%
284	21.050	21.041	21.069	VV	3526	57361	1.50%	0.271%
285	21.151	21.069	21.163	VV	3524	195295	5.12%	0.922%
286	21.194	21.163	21.233	VV	3449	141833	3.72%	0.670%
287	21.248	21.233	21.258	VV	3336	49669	1.30%	0.235%
288	21.265	21.258	21.273	VV	3306	29516	0.77%	0.139%
289	21.282	21.273	21.312	VV	3250	75867	1.99%	0.358%
290	21.319	21.312	21.338	VV	3267	51100	1.34%	0.241%
291	21.348	21.338	21.405	VV	3294	126789	3.32%	0.599%
292	21.448	21.405	21.501	VV	3625	190609	5.00%	0.900%
293	21.510	21.501	21.522	VV	3157	39068	1.02%	0.185%
294	21.530	21.522	21.558	VV	3110	64956	1.70%	0.307%
295	21.569	21.558	21.578	VV	3056	36346	0.95%	0.172%
296	21.595	21.578	21.686	VV	3150	197158	5.17%	0.931%
297	21.692	21.686	21.759	VV	3060	131513	3.45%	0.621%
298	21.763	21.759	21.824	VV	2972	111780	2.93%	0.528%
299	21.837	21.824	21.878	VV	2868	92003	2.41%	0.435%

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300	21.887	21.878	21.915	VV	2800	60838	1.59%	0.287%
301	21.969	21.915	22.025	VV	3312	195588	5.13%	0.924%
302	22.033	22.025	22.096	VV	2863	118590	3.11%	0.560%
303	22.106	22.096	22.110	VV	2776	23277	0.61%	0.110%
304	22.127	22.110	22.201	VBA	2869	156577	4.10%	0.740%
					Sum of corrected areas:	21172997		

Aliphatic EPH 040925.M Tue May 06 04:13:40 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050225AL\
Data File : FE053630.D
Signal(s) : FID1B.ch
Acq On : 02 May 2025 19:24
Operator : YP\AJ
Sample : Q1939-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GB2

Integration File: autoint1.e
Quant Time: May 03 00:28:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
Quant Title : GC Extractables
QLast Update : Tue Apr 29 06:49:03 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)	11.865	3877342	21.498 ug/ml
Spiked Amount	50.000	Recovery	= 43.00%
12) S 1-chlorooctadecane (S...	13.311	3020419	22.344 ug/ml
Spiked Amount	50.000	Recovery	= 44.69%

Target Compounds

(f)=RT Delta > 1/2 Window

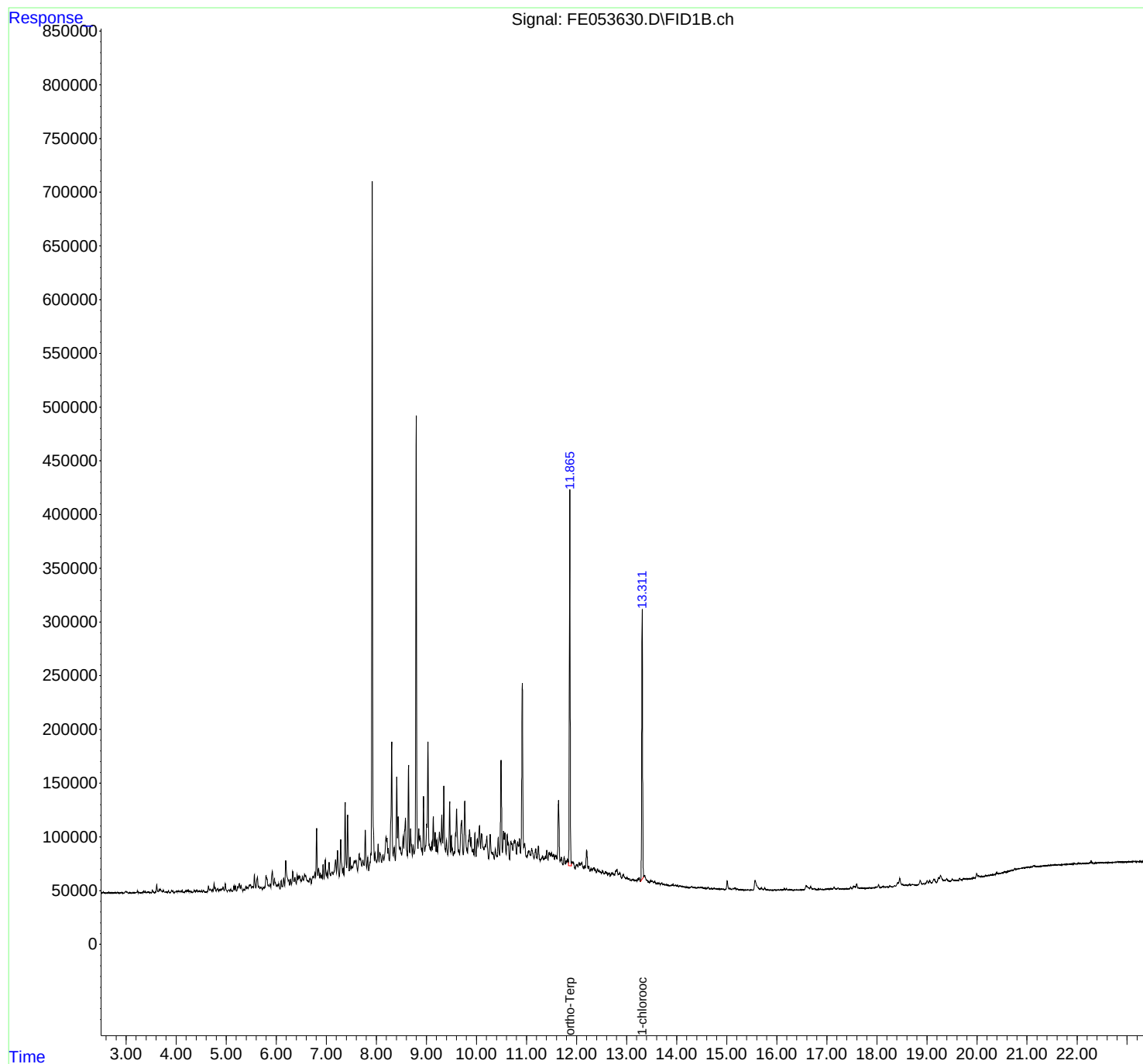
(m)=manual int.

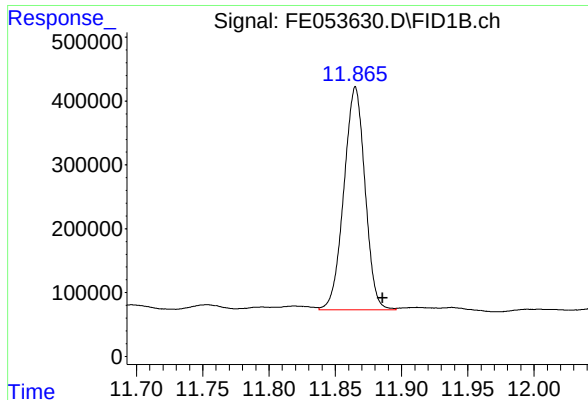
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050225AL\
Data File : FE053630.D
Signal(s) : FID1B.ch
Acq On : 02 May 2025 19:24
Operator : YP\AJ
Sample : Q1939-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GB2

Integration File: autoint1.e
Quant Time: May 03 00:28:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
Quant Title : GC Extractables
QLast Update : Tue Apr 29 06:49:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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

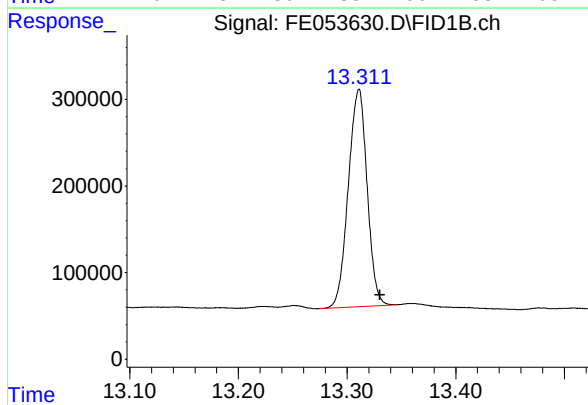




#9 ortho-Terphenyl (SURR)

R.T.: 11.865 min
Delta R.T.: -0.021 min
Response: 3877342
Conc: 21.50 ug/ml

Instrument :
FID_E
ClientSampleId :
GB2



#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: -0.020 min
Response: 3020419
Conc: 22.34 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050225AL\
 Data File : FE053630.D
 Signal(s) : FID1B.ch
 Acq On : 02 May 2025 19:24
 Sample : Q1939-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.825	2.804	2.861	PV	646	9863	0.21%	0.006%
2	2.901	2.861	2.944	PV	566	9300	0.20%	0.006%
3	2.990	2.944	3.005	PV	1770	24973	0.53%	0.015%
4	3.017	3.005	3.042	VV	1094	13844	0.29%	0.009%
5	3.079	3.042	3.100	VV	278	4831	0.10%	0.003%
6	3.135	3.100	3.154	PV	481	6682	0.14%	0.004%
7	3.171	3.154	3.183	VV	392	4710	0.10%	0.003%
8	3.227	3.183	3.246	VV	1819	28943	0.62%	0.018%
9	3.256	3.246	3.303	VV	583	9181	0.20%	0.006%
10	3.354	3.303	3.371	PV	2228	32225	0.69%	0.020%
11	3.384	3.371	3.404	VV	1037	13451	0.29%	0.008%
12	3.429	3.404	3.444	VV	878	14803	0.31%	0.009%
13	3.455	3.444	3.481	VV	891	12332	0.26%	0.008%
14	3.494	3.481	3.508	VV	529	5855	0.12%	0.004%
15	3.526	3.508	3.570	VV	2917	43798	0.93%	0.027%
16	3.611	3.570	3.644	VV	7846	109966	2.34%	0.068%
17	3.662	3.644	3.673	VV	3412	42781	0.91%	0.026%
18	3.685	3.673	3.728	VV	3493	75692	1.61%	0.047%
19	3.745	3.728	3.776	VV	2344	41351	0.88%	0.026%
20	3.793	3.776	3.828	VV	1153	25229	0.54%	0.016%
21	3.847	3.828	3.872	VV	2150	26380	0.56%	0.016%
22	3.909	3.872	3.960	VV	2081	55924	1.19%	0.035%
23	4.009	3.960	4.023	VV	2049	37995	0.81%	0.024%
24	4.044	4.023	4.060	VV	1788	31357	0.67%	0.019%
25	4.076	4.060	4.096	VV	1749	31046	0.66%	0.019%
26	4.115	4.096	4.141	VV	1845	34451	0.73%	0.021%
27	4.211	4.141	4.224	VV	2281	60970	1.30%	0.038%
28	4.241	4.224	4.261	VV	2832	42016	0.89%	0.026%
29	4.278	4.261	4.298	VV	1436	26383	0.56%	0.016%
30	4.308	4.298	4.327	VV	1010	13269	0.28%	0.008%
31	4.363	4.327	4.392	VV	2285	51594	1.10%	0.032%

					rt	Area	%Area	%I
32	4.411	4.392	4.436	VV	2856	46965	1.00%	0.029%
33	4.468	4.436	4.492	VV	1332	40384	0.86%	0.025%
34	4.509	4.492	4.525	VV	1787	24753	0.53%	0.015%
35	4.543	4.525	4.568	VV	1860	33462	0.71%	0.021%
36	4.580	4.568	4.592	VV	794	10515	0.22%	0.007%
37	4.646	4.592	4.668	VV	6014	105773	2.25%	0.065%
38	4.683	4.668	4.710	VV	3491	64289	1.37%	0.040%
39	4.725	4.710	4.739	VV	2888	39677	0.84%	0.025%
40	4.758	4.739	4.772	VV	8784	101653	2.16%	0.063%
41	4.780	4.772	4.798	VV	4988	53121	1.13%	0.033%
42	4.833	4.798	4.851	VV	3446	87761	1.87%	0.054%
43	4.871	4.851	4.880	VV	2821	42100	0.90%	0.026%
44	4.891	4.880	4.902	VV	3053	35479	0.75%	0.022%
45	4.938	4.902	4.959	VV	5344	118876	2.53%	0.074%
46	4.982	4.959	5.022	VV	8516	142020	3.02%	0.088%
47	5.055	5.022	5.073	VV	2712	59832	1.27%	0.037%
48	5.090	5.073	5.124	VV	3321	64336	1.37%	0.040%
49	5.153	5.124	5.168	VV	6358	91047	1.94%	0.056%
50	5.185	5.168	5.208	VV	6350	92200	1.96%	0.057%
51	5.232	5.208	5.241	VV	5678	74458	1.58%	0.046%
52	5.260	5.241	5.281	VV	8447	150039	3.19%	0.093%
53	5.296	5.281	5.332	VV	6837	128018	2.72%	0.079%
54	5.355	5.332	5.371	VV	2867	56176	1.20%	0.035%
55	5.393	5.371	5.407	VV	5807	89268	1.90%	0.055%
56	5.418	5.407	5.429	VV	4851	58731	1.25%	0.036%
57	5.462	5.429	5.506	VV	6988	270327	5.75%	0.167%
58	5.525	5.506	5.543	VV	5345	111485	2.37%	0.069%
59	5.563	5.543	5.593	VV	16347	269585	5.74%	0.167%
60	5.623	5.593	5.646	VV	14337	295652	6.29%	0.183%
61	5.657	5.646	5.674	VV	5805	83281	1.77%	0.052%
62	5.692	5.674	5.720	VV	5217	116384	2.48%	0.072%
63	5.743	5.720	5.756	VV	5020	91358	1.94%	0.057%
64	5.796	5.756	5.857	VV	15404	534324	11.37%	0.331%
65	5.878	5.857	5.891	VV	7942	132266	2.81%	0.082%
66	5.922	5.891	5.948	VV	19847	433154	9.22%	0.268%
67	5.964	5.948	6.016	VV	12715	343369	7.31%	0.212%
68	6.028	6.016	6.038	VV	7403	89750	1.91%	0.056%
69	6.051	6.038	6.076	VV	8157	132275	2.81%	0.082%
70	6.099	6.076	6.118	VV	11019	173795	3.70%	0.108%
71	6.149	6.118	6.168	VV	13447	266906	5.68%	0.165%
72	6.190	6.168	6.267	VV	29199	885245	18.84%	0.548%
73	6.285	6.267	6.304	VV	12207	210106	4.47%	0.130%
74	6.331	6.304	6.356	VV	19399	411181	8.75%	0.254%
75	6.373	6.356	6.400	VV	13820	294508	6.27%	0.182%
76	6.418	6.400	6.430	VV	16323	221271	4.71%	0.137%
77	6.442	6.430	6.453	VV	14837	187037	3.98%	0.116%
78	6.465	6.453	6.506	VV	15236	405588	8.63%	0.251%
79	6.523	6.506	6.544	VV	14774	282335	6.01%	0.175%

80	6.568	6.544	6.581	VV	16802	326023	6.94%	0.202%
81	6.590	6.581	6.654	VV	15615	513327	10.92%	0.318%
82	6.671	6.654	6.701	VV	12640	318074	6.77%	0.197%
83	6.734	6.701	6.750	VV	15066	380194	8.09%	0.235%
84	6.774	6.750	6.785	VV	18300	329355	7.01%	0.204%
85	6.807	6.785	6.829	VV	59615	869338	18.50%	0.538%
86	6.845	6.829	6.868	VV	22077	427356	9.09%	0.264%
87	6.881	6.868	6.895	VV	17804	252472	5.37%	0.156%
88	6.906	6.895	6.919	VV	15555	212340	4.52%	0.131%
89	6.936	6.919	6.956	VV	25724	404975	8.62%	0.251%
90	6.979	6.956	7.003	VV	30180	573832	12.21%	0.355%
91	7.016	7.003	7.030	VV	18594	263093	5.60%	0.163%
92	7.056	7.030	7.086	VV	27800	675362	14.37%	0.418%
93	7.116	7.086	7.135	VV	18917	519457	11.05%	0.321%
94	7.186	7.135	7.205	VV	30372	931251	19.81%	0.576%
95	7.226	7.205	7.260	VV	38912	841699	17.91%	0.521%
96	7.288	7.260	7.326	VV	48916	1123685	23.91%	0.695%
97	7.337	7.326	7.352	VV	22099	306637	6.52%	0.190%
98	7.377	7.352	7.407	VV	83490	1377380	29.31%	0.852%
99	7.426	7.407	7.458	VV	71134	1244564	26.48%	0.770%
100	7.476	7.458	7.493	VV	32462	539787	11.49%	0.334%
101	7.504	7.493	7.516	VV	23890	318684	6.78%	0.197%
102	7.558	7.516	7.570	VV	29097	840084	17.88%	0.520%
103	7.595	7.570	7.625	VV	29628	867374	18.46%	0.537%
104	7.657	7.625	7.673	VV	35590	812629	17.29%	0.503%
105	7.685	7.673	7.710	VV	31320	631437	13.44%	0.391%
106	7.731	7.710	7.754	VV	29688	711215	15.13%	0.440%
107	7.780	7.754	7.808	VV	57612	1178240	25.07%	0.729%
108	7.828	7.808	7.849	VV	32315	650586	13.84%	0.403%
109	7.975	7.962	8.006	VV	36359	814389	17.33%	0.504%
110	8.036	8.006	8.054	VV	44730	982584	20.91%	0.608%
111	8.072	8.054	8.106	VV	36786	1017626	21.65%	0.630%
112	8.132	8.106	8.150	VV	34493	835105	17.77%	0.517%
113	8.193	8.150	8.204	VV	51241	1298644	27.63%	0.804%
114	8.213	8.204	8.260	VV	50260	1333506	28.37%	0.825%
115	8.307	8.260	8.337	VV	138781	2984995	63.51%	1.847%
116	8.358	8.337	8.379	VV	41412	921179	19.60%	0.570%
117	8.409	8.379	8.425	VV	106863	1754338	37.33%	1.086%
118	8.437	8.425	8.507	VV	69939	2238720	47.63%	1.385%
119	8.536	8.507	8.549	VV	51243	1078692	22.95%	0.668%
120	8.582	8.549	8.620	VV	68127	2137073	45.47%	1.322%
121	8.643	8.620	8.667	VV	117918	1876656	39.93%	1.161%
122	8.686	8.667	8.720	VV	58629	1392541	29.63%	0.862%
123	8.736	8.720	8.756	VV	43814	837955	17.83%	0.519%
124	8.848	8.832	8.861	VV	58699	883634	18.80%	0.547%
125	8.873	8.861	8.902	VV	51593	1143084	24.32%	0.707%
126	8.910	8.902	8.923	VV	40670	498988	10.62%	0.309%

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127	8.944	8.923	8.969	VV	88625	1568238	33.37%	0.970%
128	9.032	8.969	9.094	VV	139068	4397364	93.57%	2.721%
129	9.109	9.094	9.120	VV	46284	671166	14.28%	0.415%
130	9.138	9.120	9.158	VV	69628	1211689	25.78%	0.750%
131	9.176	9.158	9.194	VV	55480	1021226	21.73%	0.632%
132	9.209	9.194	9.224	VV	48272	770695	16.40%	0.477%
133	9.262	9.224	9.291	VV	55505	1875009	39.90%	1.160%
134	9.308	9.291	9.326	VV	71216	1188542	25.29%	0.735%
135	9.350	9.326	9.385	VV	97453	2037647	43.36%	1.261%
136	9.403	9.385	9.428	VV	48041	1063464	22.63%	0.658%
137	9.466	9.428	9.485	VV	83765	1765571	37.57%	1.093%
138	9.499	9.485	9.538	VV	51893	1292145	27.49%	0.800%
139	9.555	9.538	9.564	VV	36638	558235	11.88%	0.345%
140	9.604	9.564	9.639	VV	76787	2395557	50.97%	1.482%
141	9.647	9.639	9.663	VV	38853	541261	11.52%	0.335%
142	9.705	9.663	9.737	VV	66306	2220742	47.25%	1.374%
143	9.768	9.737	9.822	VV	84208	2603445	55.40%	1.611%
144	9.862	9.822	9.882	VV	57538	1715579	36.50%	1.062%
145	9.894	9.882	9.921	VV	50586	1022406	21.75%	0.633%
146	9.933	9.921	9.951	VV	39592	671629	14.29%	0.416%
147	9.969	9.951	9.992	VV	54276	1055585	22.46%	0.653%
148	10.017	9.992	10.034	VV	48953	1080183	22.98%	0.668%
149	10.060	10.034	10.083	VV	61268	1506775	32.06%	0.932%
150	10.103	10.083	10.151	VV	53925	1848825	39.34%	1.144%
151	10.207	10.151	10.244	VV	51562	2342753	49.85%	1.450%
152	10.276	10.244	10.304	VV	53199	1464912	31.17%	0.907%
153	10.313	10.304	10.356	VV	36873	1061593	22.59%	0.657%
154	10.379	10.356	10.408	VV	39326	1080946	23.00%	0.669%
155	10.435	10.408	10.463	VV	49947	1295665	27.57%	0.802%
156	10.492	10.463	10.520	VV	122629	2388069	50.81%	1.478%
157	10.544	10.520	10.557	VV	56015	1057163	22.49%	0.654%
158	10.569	10.557	10.594	VV	54389	1028668	21.89%	0.637%
159	10.614	10.594	10.663	VV	52694	1724399	36.69%	1.067%
160	10.689	10.663	10.728	VV	46788	1588432	33.80%	0.983%
161	10.772	10.728	10.802	VV	47031	1905636	40.55%	1.179%
162	10.824	10.802	10.841	VV	45878	985695	20.97%	0.610%
163	10.861	10.841	10.881	VV	49020	1020085	21.71%	0.631%
164	10.917	10.881	10.946	VV	194164	3673573	78.17%	2.273%
165	10.963	10.946	11.011	VV	44600	1469919	31.28%	0.910%
166	11.046	11.011	11.082	VV	37380	1494013	31.79%	0.925%
167	11.102	11.082	11.151	VV	39770	1481850	31.53%	0.917%
168	11.184	11.151	11.211	VV	39525	1259141	26.79%	0.779%
169	11.238	11.211	11.278	VV	42014	1347278	28.67%	0.834%
170	11.319	11.278	11.341	VV	32836	1173149	24.96%	0.726%
171	11.375	11.341	11.386	VV	32470	838872	17.85%	0.519%
172	11.407	11.386	11.430	VV	38039	881013	18.75%	0.545%
173	11.450	11.430	11.479	VV	35802	987038	21.00%	0.611%
174	11.497	11.479	11.527	VV	35405	976770	20.78%	0.604%

175	11.544	11.527	11.559	VV	34183	638920	13.59%	0.395%
176	11.574	11.559	11.586	VV	32785	511342	10.88%	0.316%
177	11.592	11.586	11.609	VV	32642	442240	9.41%	0.274%
178	11.641	11.609	11.672	VV	84797	1910811	40.66%	1.182%
179	11.696	11.672	11.731	VV	31294	988517	21.03%	0.612%
180	11.753	11.731	11.776	VV	31644	762159	16.22%	0.472%
181	11.795	11.776	11.808	VV	27935	513941	10.94%	0.318%
182	11.819	11.808	11.838	VV	29432	512256	10.90%	0.317%
183	11.865	11.838	11.896	VV	370593	4699756	100.00%	2.908%
184	11.911	11.896	11.927	VV	27197	498404	10.60%	0.308%
185	11.937	11.927	11.974	VV	27321	686632	14.61%	0.425%
186	12.003	11.974	12.027	VV	24495	742291	15.79%	0.459%
187	12.051	12.027	12.069	VV	26434	623046	13.26%	0.386%
188	12.105	12.069	12.138	VV	26518	1001455	21.31%	0.620%
189	12.160	12.138	12.175	VV	23632	495518	10.54%	0.307%
190	12.203	12.175	12.230	VV	37894	948127	20.17%	0.587%
191	12.244	12.230	12.271	VV	23024	519860	11.06%	0.322%
192	12.294	12.271	12.315	VV	20761	528534	11.25%	0.327%
193	12.350	12.315	12.397	VV	21719	977642	20.80%	0.605%
194	12.419	12.397	12.435	VV	20481	435940	9.28%	0.270%
195	12.451	12.435	12.500	VV	19047	695991	14.81%	0.431%
196	12.523	12.500	12.552	VV	18573	543016	11.55%	0.336%
197	12.583	12.552	12.624	VV	17893	718686	15.29%	0.445%
198	12.653	12.624	12.681	VV	16709	527238	11.22%	0.326%
199	12.703	12.681	12.758	VV	16965	727113	15.47%	0.450%
200	12.785	12.758	12.793	VV	18741	362423	7.71%	0.224%
201	12.807	12.793	12.832	VV	19943	418721	8.91%	0.259%
202	12.865	12.832	12.903	VV	17045	633146	13.47%	0.392%
203	12.929	12.903	12.992	VV	15163	698273	14.86%	0.432%
204	13.009	12.992	13.034	VV	12406	297851	6.34%	0.184%
205	13.046	13.034	13.073	VV	11177	247590	5.27%	0.153%
206	13.092	13.073	13.104	VV	10136	181403	3.86%	0.112%
207	13.122	13.104	13.134	VV	10356	187467	3.99%	0.116%
208	13.143	13.134	13.168	VV	10460	199602	4.25%	0.124%
209	13.182	13.168	13.201	VV	9603	187980	4.00%	0.116%
210	13.224	13.201	13.236	VV	11176	218176	4.64%	0.135%
211	13.252	13.236	13.274	VV	12199	238590	5.08%	0.148%
212	13.311	13.274	13.345	VV	262864	3479404	74.03%	2.153%
213	13.359	13.345	13.458	VV	14463	712661	15.16%	0.441%
214	13.478	13.458	13.491	VV	9410	164534	3.50%	0.102%
215	13.508	13.491	13.537	VV	9112	237523	5.05%	0.147%
216	13.557	13.537	13.599	VV	8693	281123	5.98%	0.174%
217	13.619	13.599	13.633	VV	7207	134643	2.86%	0.083%
218	13.646	13.633	13.675	VV	6991	164938	3.51%	0.102%
219	13.700	13.675	13.771	VV	7220	355127	7.56%	0.220%
220	13.784	13.771	13.872	VV	5502	311292	6.62%	0.193%
221	13.923	13.872	13.953	VV	5627	241435	5.14%	0.149%

					rt (min)	Area	%Area	%Area
222	13.972	13.953	14.003	VV	5127	142938	3.04%	0.088%
223	14.016	14.003	14.041	VV	4656	99975	2.13%	0.062%
224	14.064	14.041	14.132	VV	4516	216943	4.62%	0.134%
225	14.141	14.132	14.171	VV	3633	80924	1.72%	0.050%
226	14.182	14.171	14.253	VV	3378	150820	3.21%	0.093%
227	14.297	14.253	14.335	VV	3569	149698	3.19%	0.093%
228	14.354	14.335	14.415	VV	2819	124921	2.66%	0.077%
229	14.435	14.415	14.458	VV	2976	69441	1.48%	0.043%
230	14.500	14.458	14.524	VV	2931	109769	2.34%	0.068%
231	14.537	14.524	14.602	VV	2434	100016	2.13%	0.062%
232	14.628	14.602	14.674	VV	3305	94107	2.00%	0.058%
233	14.687	14.674	14.715	VV	1822	41447	0.88%	0.026%
234	14.759	14.715	14.784	VV	1955	71315	1.52%	0.044%
235	14.796	14.784	14.821	VV	1550	31011	0.66%	0.019%
236	14.839	14.821	14.864	VV	1375	34055	0.72%	0.021%
237	14.878	14.864	14.901	VV	1333	27041	0.58%	0.017%
238	14.917	14.901	14.966	VV	1345	41412	0.88%	0.026%
239	15.008	14.966	15.103	VV	8969	219165	4.66%	0.136%
240	15.126	15.103	15.144	VV	1813	37495	0.80%	0.023%
241	15.168	15.144	15.194	VV	2077	47376	1.01%	0.029%
242	15.216	15.194	15.271	VV	1213	37430	0.80%	0.023%
243	15.281	15.271	15.291	VV	673	6994	0.15%	0.004%
244	15.307	15.291	15.351	VV	601	15628	0.33%	0.010%
245	15.368	15.351	15.381	VV	406	5838	0.12%	0.004%
246	15.419	15.381	15.474	VV	440	19162	0.41%	0.012%
247	15.492	15.474	15.531	VV	401	10516	0.22%	0.007%
248	15.565	15.531	15.669	VV	9320	318252	6.77%	0.197%
249	15.691	15.669	15.729	VV	2265	50670	1.08%	0.031%
250	15.758	15.729	15.794	VV	2034	41053	0.87%	0.025%
251	15.814	15.794	15.858	VV	481	13076	0.28%	0.008%
252	15.885	15.858	15.921	VV	232	6167	0.13%	0.004%
253	15.953	15.921	15.994	VV	310	8858	0.19%	0.005%
254	16.014	15.994	16.060	VV	310	8639	0.18%	0.005%
255	16.090	16.060	16.127	VV	438	15107	0.32%	0.009%
256	16.152	16.127	16.172	VV	1352	20780	0.44%	0.013%
257	16.193	16.172	16.230	VV	1419	21566	0.46%	0.013%
258	16.256	16.230	16.307	VV	565	12022	0.26%	0.007%
259	16.324	16.307	16.344	VV	105	1644	0.03%	0.001%
260	16.397	16.344	16.417	PV	157	5201	0.11%	0.003%
261	16.438	16.417	16.457	VV	142	1868	0.04%	0.001%
262	16.493	16.457	16.524	PV	232	5794	0.12%	0.004%
263	16.531	16.524	16.541	VV	164	1265	0.03%	0.001%
264	16.588	16.541	16.657	VV	3820	143562	3.05%	0.089%
265	16.678	16.657	16.730	VV	2881	66930	1.42%	0.041%
266	16.751	16.730	16.794	VV	1069	22179	0.47%	0.014%
267	16.840	16.794	16.858	VV	274	6374	0.14%	0.004%
268	16.868	16.858	16.884	VV	190	2226	0.05%	0.001%
269	16.901	16.884	16.914	VV	155	2005	0.04%	0.001%

270	16.918	16.914	16.937	VV	120	633	0.01%	0.000%
271	16.969	16.937	16.980	VV	146	1948	0.04%	0.001%
272	17.006	16.980	17.044	VV	432	9767	0.21%	0.006%
273	17.071	17.044	17.095	VV	741	15132	0.32%	0.009%
274	17.109	17.095	17.121	VV	525	7548	0.16%	0.005%
275	17.145	17.121	17.175	VV	1982	33758	0.72%	0.021%
276	17.192	17.175	17.203	VV	491	7144	0.15%	0.004%
277	17.223	17.203	17.254	VV	1320	20737	0.44%	0.013%
278	17.268	17.254	17.290	VV	262	3542	0.08%	0.002%
279	17.307	17.290	17.331	VV	166	2732	0.06%	0.002%
280	17.377	17.331	17.414	VV	296	6214	0.13%	0.004%
281	17.477	17.414	17.500	PV	1384	21332	0.45%	0.013%
282	17.535	17.500	17.571	VV	1910	58359	1.24%	0.036%
283	17.596	17.571	17.658	VV	4534	88701	1.89%	0.055%
284	17.682	17.658	17.734	VV	483	14925	0.32%	0.009%
285	17.751	17.734	17.781	VV	231	4231	0.09%	0.003%
286	17.802	17.781	17.834	VV	299	4429	0.09%	0.003%
287	17.860	17.834	17.897	PV	186	2615	0.06%	0.002%
288	17.918	17.897	17.940	PV	167	2310	0.05%	0.001%
289	17.994	17.940	18.007	PV	749	15305	0.33%	0.009%
290	18.034	18.007	18.067	VV	2889	44665	0.95%	0.028%
291	18.126	18.067	18.151	VV	1120	22725	0.48%	0.014%
292	18.160	18.151	18.191	VV	426	6334	0.13%	0.004%
293	18.207	18.191	18.221	VV	249	2295	0.05%	0.001%
294	18.260	18.221	18.304	PV	829	14794	0.31%	0.009%
295	18.351	18.304	18.374	VV	1128	17436	0.37%	0.011%
296	18.415	18.374	18.424	VV	3318	60996	1.30%	0.038%
297	18.457	18.424	18.553	VV	7344	216434	4.61%	0.134%
298	18.579	18.553	18.618	VV	1079	29585	0.63%	0.018%
299	18.647	18.618	18.672	VV	1327	24347	0.52%	0.015%
300	18.714	18.672	18.801	VV	987	37424	0.80%	0.023%
301	18.867	18.801	18.924	PV	4096	98857	2.10%	0.061%
302	18.934	18.924	18.951	VV	540	7588	0.16%	0.005%
303	19.004	18.951	19.034	VV	3301	76463	1.63%	0.047%
304	19.057	19.034	19.094	VV	3208	61776	1.31%	0.038%
305	19.138	19.094	19.194	VV	3563	116471	2.48%	0.072%
306	19.230	19.194	19.245	VV	4482	84771	1.80%	0.052%
307	19.272	19.245	19.341	VV	6569	222297	4.73%	0.138%
308	19.346	19.341	19.366	VV	1776	23663	0.50%	0.015%
309	19.391	19.366	19.474	VV	2739	76470	1.63%	0.047%
310	19.506	19.474	19.541	VV	1768	40483	0.86%	0.025%
311	19.567	19.541	19.604	VV	576	14182	0.30%	0.009%
312	19.615	19.604	19.621	VV	106	559	0.01%	0.000%
313	19.654	19.621	19.694	PV	1788	31067	0.66%	0.019%
314	19.738	19.694	19.781	VV	875	31578	0.67%	0.020%
315	19.802	19.781	19.821	VV	623	11558	0.25%	0.007%
316	19.934	19.821	19.963	VV	743	34235	0.73%	0.021%

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317	19.995	19.963	20.018	VV	4429	78535	1.67%	0.049%
318	20.029	20.018	20.101	VV	2105	67065	1.43%	0.042%
319	20.175	20.101	20.191	VV	1157	47731	1.02%	0.030%
320	20.271	20.191	20.301	VV	1434	79154	1.68%	0.049%
321	20.395	20.301	20.448	VV	2756	141701	3.02%	0.088%
322	20.551	20.448	20.584	VV	2625	166814	3.55%	0.103%
323	20.754	20.584	20.791	VV	4085	375969	8.00%	0.233%
324	21.130	20.791	21.202	VV	4725	980896	20.87%	0.607%
325	21.384	21.202	21.403	VV	3353	412405	8.78%	0.255%
326	21.489	21.403	21.504	VV	3162	189193	4.03%	0.117%
327	21.553	21.504	21.612	VV	3130	190951	4.06%	0.118%
328	21.744	21.612	21.756	VV	2369	213612	4.55%	0.132%
329	21.896	21.756	21.921	VV	2027	206175	4.39%	0.128%
330	22.030	21.921	22.088	VV	1755	157442	3.35%	0.097%
331	22.106	22.088	22.118	VV	1091	18727	0.40%	0.012%
332	22.209	22.118	22.221	VV	674	48163	1.02%	0.030%
333	22.281	22.221	22.335	VV	1815	55295	1.18%	0.034%
					Sum of corrected areas:			
					161597332			

Aliphatic EPH 041725.M Sat May 03 01:47:15 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050525AL\
 Data File : FE053637.D
 Signal(s) : FID1B.ch
 Acq On : 05 May 2025 11:44
 Operator : YP\AJ
 Sample : Q1939-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 GB3

Integration File: sample.E
 Quant Time: May 06 04:17:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.867	5741828	31.835 ug/ml
Spiked Amount	50.000	Recovery	= 63.67%
12) S 1-chlorooctadecane (S...	13.312	5360543	39.656 ug/ml
Spiked Amount	50.000	Recovery	= 79.31%

Target Compounds

(f)=RT Delta > 1/2 Window

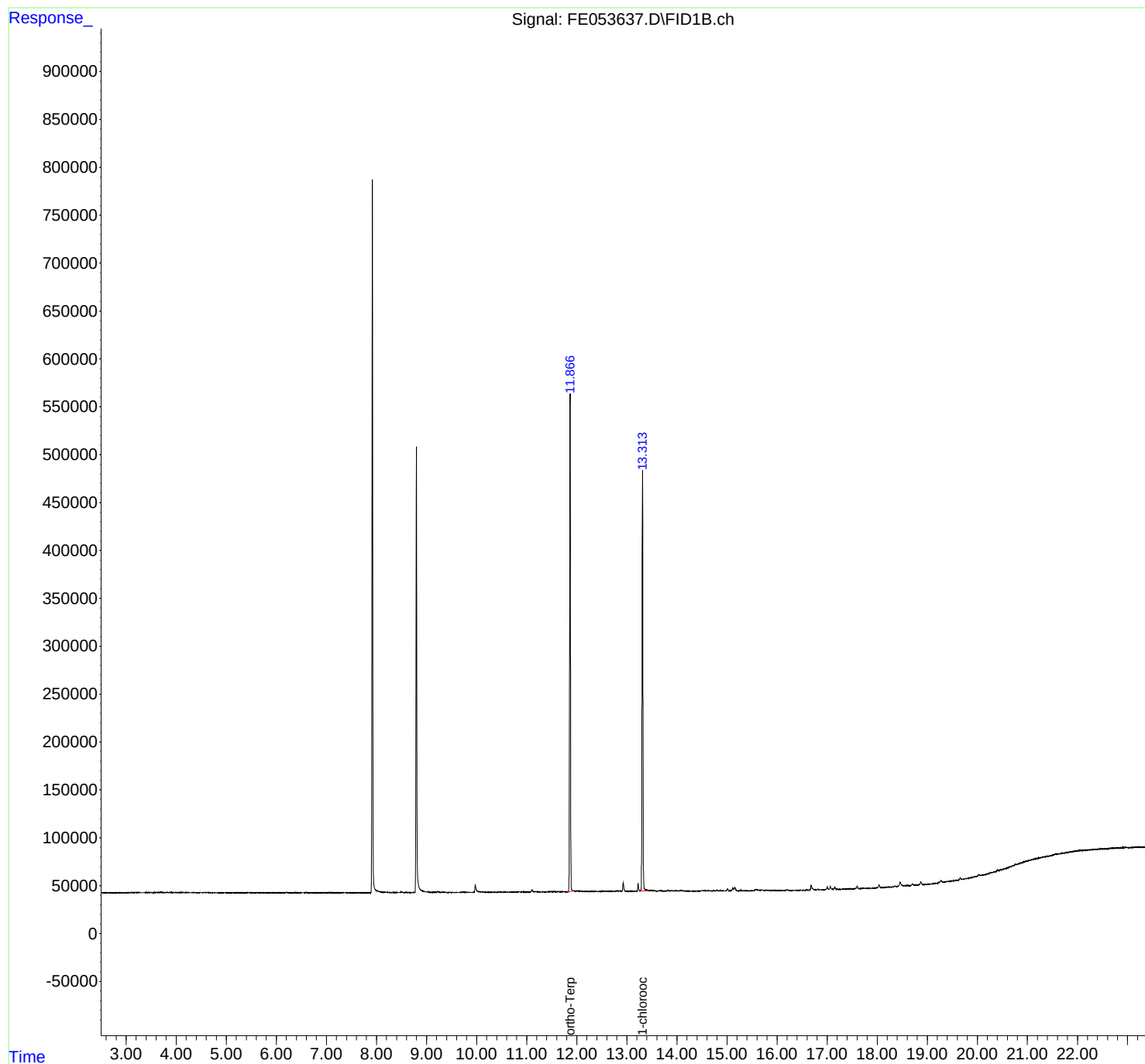
(m)=manual int.

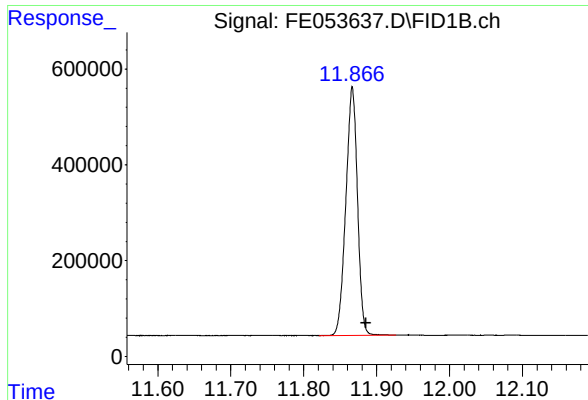
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050525AL\
Data File : FE053637.D
Signal(s) : FID1B.ch
Acq On : 05 May 2025 11:44
Operator : YP\AJ
Sample : Q1939-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
GB3

Integration File: sample.E
Quant Time: May 06 04:17:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
Quant Title : GC Extractables
QLast Update : Tue Apr 29 06:49:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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

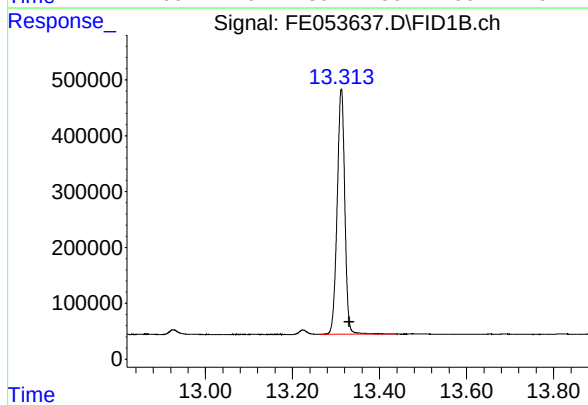




#9 ortho-Terphenyl (SURR)

R.T.: 11.867 min
Delta R.T.: -0.019 min
Response: 5741828
Conc: 31.84 ug/ml

Instrument :
FID_E
ClientSampleId :
GB3



#12 1-chlorooctadecane (SURR)

R.T.: 13.312 min
Delta R.T.: -0.018 min
Response: 5360543
Conc: 39.66 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050525AL\
 Data File : FE053637.D
 Signal(s) : FID1B.ch
 Acq On : 05 May 2025 11:44
 Sample : Q1939-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.824	2.805	2.835	BV	25	296	0.01%	0.002%
2	2.847	2.835	2.944	VV	84	2786	0.05%	0.016%
3	2.958	2.944	3.015	VV	93	2536	0.04%	0.015%
4	3.055	3.015	3.076	VV	170	3897	0.07%	0.023%
5	3.093	3.076	3.121	VV	166	3488	0.06%	0.020%
6	3.132	3.121	3.169	VV	194	4043	0.07%	0.023%
7	3.211	3.169	3.248	VV	231	6848	0.12%	0.040%
8	3.273	3.248	3.315	VV	172	4522	0.08%	0.026%
9	3.328	3.315	3.351	VV	160	2416	0.04%	0.014%
10	3.368	3.351	3.381	VV	197	2753	0.05%	0.016%
11	3.403	3.381	3.448	VV	576	10453	0.18%	0.060%
12	3.472	3.448	3.504	VV	181	4683	0.08%	0.027%
13	3.515	3.504	3.549	VV	163	4369	0.08%	0.025%
14	3.562	3.549	3.595	VV	261	5411	0.09%	0.031%
15	3.611	3.595	3.644	VV	328	6695	0.12%	0.039%
16	3.663	3.644	3.678	VV	316	4767	0.08%	0.028%
17	3.697	3.678	3.741	VV	1164	18582	0.32%	0.107%
18	3.753	3.741	3.790	VV	244	5496	0.10%	0.032%
19	3.816	3.790	3.868	VV	649	15203	0.26%	0.088%
20	3.899	3.868	3.975	VV	725	17692	0.31%	0.102%
21	3.985	3.975	3.992	VV	240	1851	0.03%	0.011%
22	4.046	3.992	4.072	VV	281	10400	0.18%	0.060%
23	4.106	4.072	4.120	VV	237	6093	0.11%	0.035%
24	4.130	4.120	4.151	VV	268	3645	0.06%	0.021%
25	4.155	4.151	4.167	VV	229	1629	0.03%	0.009%
26	4.197	4.167	4.225	VV	308	7542	0.13%	0.044%
27	4.241	4.225	4.261	VV	250	3970	0.07%	0.023%
28	4.271	4.261	4.302	VV	175	3751	0.06%	0.022%
29	4.323	4.302	4.358	VV	242	5494	0.09%	0.032%
30	4.368	4.358	4.394	VV	204	2895	0.05%	0.017%
31	4.407	4.394	4.428	VV	169	2397	0.04%	0.014%
32	4.436	4.428	4.454	VV	173	2210	0.04%	0.013%
33	4.474	4.454	4.581	VV	427	13020	0.23%	0.075%
34	4.589	4.581	4.635	VV	205	5108	0.09%	0.030%
35	4.647	4.635	4.745	VV	303	10137	0.18%	0.059%
36	4.759	4.745	4.774	VV	153	1913	0.03%	0.011%

					rterses			
37	4.784	4.774	4.835	VV	173	4094	0.07%	0.024%
38	4.841	4.835	4.888	VV	135	3211	0.06%	0.019%
39	4.898	4.888	4.914	VV	147	1880	0.03%	0.011%
40	4.932	4.914	4.947	VV	177	2416	0.04%	0.014%
41	4.979	4.947	5.018	VV	188	4259	0.07%	0.025%
42	5.032	5.018	5.045	VV	90	1157	0.02%	0.007%
43	5.048	5.045	5.081	VV	127	1199	0.02%	0.007%
44	5.137	5.081	5.165	VV	176	4566	0.08%	0.026%
45	5.180	5.165	5.221	VV	143	2704	0.05%	0.016%
46	5.231	5.221	5.281	VV	101	2021	0.03%	0.012%
47	5.303	5.281	5.326	VV	140	1894	0.03%	0.011%
48	5.350	5.326	5.373	VV	84	1493	0.03%	0.009%
49	5.385	5.373	5.400	VV	138	1104	0.02%	0.006%
50	5.434	5.400	5.520	VV	311	9162	0.16%	0.053%
51	5.538	5.520	5.552	VV	97	1348	0.02%	0.008%
52	5.572	5.552	5.595	VV	108	1906	0.03%	0.011%
53	5.616	5.595	5.650	PV	188	3346	0.06%	0.019%
54	5.665	5.650	5.679	VV	143	1239	0.02%	0.007%
55	5.698	5.679	5.708	VV	130	1529	0.03%	0.009%
56	5.727	5.708	5.851	VV	148	8067	0.14%	0.047%
57	5.859	5.851	5.903	VV	108	2490	0.04%	0.014%
58	5.914	5.903	5.958	VV	87	2137	0.04%	0.012%
59	5.995	5.958	6.011	VV	98	1632	0.03%	0.009%
60	6.022	6.011	6.040	VV	116	1063	0.02%	0.006%
61	6.067	6.040	6.126	VV	129	3313	0.06%	0.019%
62	6.152	6.126	6.167	PV	100	967	0.02%	0.006%
63	6.195	6.167	6.284	VV	624	16285	0.28%	0.094%
64	6.299	6.284	6.329	VV	187	2680	0.05%	0.015%
65	6.364	6.329	6.406	VV	287	6409	0.11%	0.037%
66	6.431	6.406	6.481	VV	136	4140	0.07%	0.024%
67	6.499	6.481	6.575	VV	261	10946	0.19%	0.063%
68	6.590	6.575	6.641	VV	301	7184	0.12%	0.042%
69	6.649	6.641	6.717	VV	226	4942	0.09%	0.029%
70	6.729	6.717	6.751	VV	180	2238	0.04%	0.013%
71	6.775	6.751	6.825	VV	211	6305	0.11%	0.036%
72	6.832	6.825	6.875	VV	112	2984	0.05%	0.017%
73	6.882	6.875	6.921	VV	99	2039	0.04%	0.012%
74	6.939	6.921	6.951	PV	117	1401	0.02%	0.008%
75	6.960	6.951	6.978	VV	150	1454	0.03%	0.008%
76	6.985	6.978	6.998	VV	111	857	0.01%	0.005%
77	7.011	6.998	7.035	VV	133	2032	0.04%	0.012%
78	7.067	7.035	7.101	VV	308	5945	0.10%	0.034%
79	7.105	7.101	7.115	VV	114	716	0.01%	0.004%
80	7.118	7.115	7.148	VV	175	1967	0.03%	0.011%
81	7.158	7.148	7.183	VV	126	1969	0.03%	0.011%
82	7.203	7.183	7.215	VV	182	2405	0.04%	0.014%
83	7.223	7.215	7.235	VV	137	1258	0.02%	0.007%
84	7.244	7.235	7.276	VV	139	2160	0.04%	0.012%
85	7.294	7.276	7.321	VV	215	4308	0.07%	0.025%
86	7.338	7.321	7.361	VV	278	5008	0.09%	0.029%
87	7.376	7.361	7.412	VV	233	4667	0.08%	0.027%
88	7.435	7.412	7.459	VV	213	3705	0.06%	0.021%
89	7.476	7.459	7.528	VV	190	4440	0.08%	0.026%

					rt	Area	%Area	%Area
90	7.542	7.528	7.581	VV	124	3151	0.05%	0.018%
91	7.614	7.581	7.625	VV	224	4096	0.07%	0.024%
92	7.627	7.625	7.662	VV	169	2450	0.04%	0.014%
93	7.673	7.662	7.711	VV	172	2854	0.05%	0.016%
94	7.722	7.711	7.751	VV	173	2322	0.04%	0.013%
95	7.760	7.751	7.812	VV	143	2268	0.04%	0.013%
96	7.848	7.812	7.861	PV	135	1373	0.02%	0.008%
97	8.209	8.201	8.235	VV	477	8597	0.15%	0.050%
98	8.244	8.235	8.274	VV	408	7410	0.13%	0.043%
99	8.302	8.274	8.351	VV	367	13400	0.23%	0.077%
100	8.410	8.351	8.430	VV	430	14052	0.24%	0.081%
101	8.491	8.430	8.570	VV	1153	39121	0.68%	0.226%
102	8.599	8.570	8.624	VV	464	10481	0.18%	0.061%
103	8.645	8.624	8.668	VV	356	5869	0.10%	0.034%
104	8.673	8.668	8.711	VV	159	2556	0.04%	0.015%
105	9.030	9.016	9.069	VV	781	18851	0.33%	0.109%
106	9.084	9.069	9.098	VV	453	7468	0.13%	0.043%
107	9.102	9.098	9.131	VV	427	7918	0.14%	0.046%
108	9.142	9.131	9.168	VV	471	8224	0.14%	0.048%
109	9.180	9.168	9.191	VV	427	4975	0.09%	0.029%
110	9.226	9.191	9.291	VV	1146	31623	0.55%	0.183%
111	9.320	9.291	9.349	VV	651	14522	0.25%	0.084%
112	9.357	9.349	9.371	VV	299	3617	0.06%	0.021%
113	9.381	9.371	9.435	VV	261	6059	0.10%	0.035%
114	9.468	9.435	9.490	VV	204	4646	0.08%	0.027%
115	9.503	9.490	9.558	VV	226	5290	0.09%	0.031%
116	9.565	9.558	9.581	VV	131	1506	0.03%	0.009%
117	9.607	9.581	9.665	VV	211	5509	0.10%	0.032%
118	9.704	9.665	9.732	VV	436	8697	0.15%	0.050%
119	9.778	9.732	9.861	VV	246	11459	0.20%	0.066%
120	9.879	9.861	9.914	VV	140	2903	0.05%	0.017%
121	9.933	9.914	9.948	VV	228	3040	0.05%	0.018%
122	9.975	9.948	10.075	VV	7736	158644	2.74%	0.917%
123	10.102	10.075	10.191	VV	778	25171	0.44%	0.146%
124	10.208	10.191	10.235	VV	226	4005	0.07%	0.023%
125	10.278	10.235	10.361	VV	239	6749	0.12%	0.039%
126	10.377	10.361	10.385	PV	78	581	0.01%	0.003%
127	10.448	10.385	10.478	PV	539	11599	0.20%	0.067%
128	10.492	10.478	10.526	VV	436	8062	0.14%	0.047%
129	10.552	10.526	10.598	VV	325	11380	0.20%	0.066%
130	10.612	10.598	10.622	VV	224	2611	0.05%	0.015%
131	10.631	10.622	10.665	VV	198	3304	0.06%	0.019%
132	10.692	10.665	10.738	VV	233	7693	0.13%	0.044%
133	10.770	10.738	10.810	VV	411	11794	0.20%	0.068%
134	10.819	10.810	10.828	VV	275	2614	0.05%	0.015%
135	10.846	10.828	10.884	VV	637	13174	0.23%	0.076%
136	10.921	10.884	11.015	VV	564	22515	0.39%	0.130%
137	11.105	11.015	11.160	VV	2555	56737	0.98%	0.328%
138	11.184	11.160	11.212	VV	745	15301	0.26%	0.088%
139	11.221	11.212	11.268	VV	381	10020	0.17%	0.058%
140	11.275	11.268	11.306	VV	244	5233	0.09%	0.030%
141	11.316	11.306	11.345	VV	232	4362	0.08%	0.025%

					rteres			
142	11.351	11.345	11.385	VV	204	3703	0.06%	0.021%
143	11.410	11.385	11.437	VV	325	7393	0.13%	0.043%
144	11.481	11.437	11.505	VV	599	13881	0.24%	0.080%
145	11.514	11.505	11.527	VV	285	3304	0.06%	0.019%
146	11.550	11.527	11.577	VV	693	12668	0.22%	0.073%
147	11.594	11.577	11.608	VV	244	4056	0.07%	0.023%
148	11.632	11.608	11.685	VV	637	16362	0.28%	0.095%
149	11.705	11.685	11.724	VV	428	7268	0.13%	0.042%
150	11.745	11.724	11.781	VV	444	9835	0.17%	0.057%
151	11.798	11.781	11.821	VV	319	5784	0.10%	0.033%
152	11.867	11.821	11.927	VV	516310	5783801	100.00%	33.437%
153	11.942	11.927	11.987	VV	1409	35915	0.62%	0.208%
154	12.018	11.987	12.041	VV	1221	31471	0.54%	0.182%
155	12.055	12.041	12.069	VV	905	13362	0.23%	0.077%
156	12.087	12.069	12.132	VV	1002	23036	0.40%	0.133%
157	12.160	12.132	12.175	VV	450	8893	0.15%	0.051%
158	12.222	12.175	12.267	VV	751	23737	0.41%	0.137%
159	12.307	12.267	12.353	VV	608	21967	0.38%	0.127%
160	12.384	12.353	12.420	VV	663	17407	0.30%	0.101%
161	12.430	12.420	12.459	VV	419	8109	0.14%	0.047%
162	12.545	12.459	12.565	VV	552	26171	0.45%	0.151%
163	12.574	12.565	12.607	VV	559	11634	0.20%	0.067%
164	12.673	12.607	12.688	VV	638	22941	0.40%	0.133%
165	12.701	12.688	12.751	VV	586	15124	0.26%	0.087%
166	12.808	12.751	12.828	VV	1065	28999	0.50%	0.168%
167	12.864	12.828	12.901	VV	1061	30026	0.52%	0.174%
168	12.926	12.901	13.046	VV	9059	153024	2.65%	0.885%
169	13.068	13.046	13.101	VV	537	13511	0.23%	0.078%
170	13.117	13.101	13.157	VV	668	15203	0.26%	0.088%
171	13.169	13.157	13.197	VV	460	8900	0.15%	0.051%
172	13.224	13.197	13.265	VV	8414	117403	2.03%	0.679%
173	13.312	13.265	13.456	VV	440362	5443070	94.11%	31.467%
174	13.477	13.456	13.536	VV	1551	48966	0.85%	0.283%
175	13.552	13.536	13.603	VV	747	23648	0.41%	0.137%
176	13.654	13.603	13.668	VV	906	25102	0.43%	0.145%
177	13.689	13.668	13.767	VV	963	32601	0.56%	0.188%
178	13.822	13.767	13.858	VV	1209	35544	0.61%	0.205%
179	13.885	13.858	13.911	VV	1148	21489	0.37%	0.124%
180	13.927	13.911	13.948	VV	724	12209	0.21%	0.071%
181	13.968	13.948	13.995	VV	915	18256	0.32%	0.106%
182	14.018	13.995	14.037	VV	808	15665	0.27%	0.091%
183	14.064	14.037	14.085	VV	1124	21793	0.38%	0.126%
184	14.095	14.085	14.118	VV	979	14529	0.25%	0.084%
185	14.139	14.118	14.160	VV	690	12776	0.22%	0.074%
186	14.178	14.160	14.214	VV	371	9456	0.16%	0.055%
187	14.224	14.214	14.245	VV	274	4358	0.08%	0.025%
188	14.279	14.245	14.389	VV	340	17303	0.30%	0.100%
189	14.406	14.389	14.421	VV	164	2448	0.04%	0.014%
190	14.504	14.421	14.550	VV	1115	30621	0.53%	0.177%
191	14.571	14.550	14.603	VV	734	14507	0.25%	0.084%
192	14.629	14.603	14.706	VV	754	21456	0.37%	0.124%
193	14.741	14.706	14.771	VV	658	15905	0.27%	0.092%
194	14.798	14.771	14.838	VV	1460	27508	0.48%	0.159%

					rteres			
195	14.876	14.838	14.936	VV	674	22857	0.40%	0.132%
196	14.959	14.936	14.970	VV	237	3892	0.07%	0.023%
197	15.010	14.970	15.050	VV	2383	41315	0.71%	0.239%
198	15.070	15.050	15.085	VV	309	5275	0.09%	0.030%
199	15.115	15.085	15.134	VV	3337	52509	0.91%	0.304%
200	15.155	15.134	15.248	VV	3889	90777	1.57%	0.525%
201	15.275	15.248	15.365	VV	746	22240	0.38%	0.129%
202	15.370	15.365	15.404	VV	168	2920	0.05%	0.017%
203	15.431	15.404	15.448	VV	294	5477	0.09%	0.032%
204	15.470	15.448	15.488	VV	358	5694	0.10%	0.033%
205	15.500	15.488	15.534	VV	83	1778	0.03%	0.010%
206	15.572	15.534	15.662	PV	1455	70718	1.22%	0.409%
207	15.694	15.662	15.734	VV	1260	34792	0.60%	0.201%
208	15.746	15.734	15.765	VV	478	8187	0.14%	0.047%
209	15.789	15.765	15.812	VV	958	18049	0.31%	0.104%
210	15.829	15.812	15.863	VV	590	12275	0.21%	0.071%
211	15.874	15.863	15.886	VV	328	3877	0.07%	0.022%
212	15.902	15.886	15.911	VV	293	4034	0.07%	0.023%
213	15.950	15.911	16.006	VV	514	19448	0.34%	0.112%
214	16.021	16.006	16.061	VV	303	6878	0.12%	0.040%
215	16.076	16.061	16.095	VV	230	2781	0.05%	0.016%
216	16.117	16.095	16.141	VV	287	4323	0.07%	0.025%
217	16.193	16.141	16.274	VV	1182	24975	0.43%	0.144%
218	16.295	16.274	16.306	PV	132	1615	0.03%	0.009%
219	16.326	16.306	16.346	VV	155	1879	0.03%	0.011%
220	16.388	16.346	16.410	PV	211	4182	0.07%	0.024%
221	16.428	16.410	16.454	VV	170	2899	0.05%	0.017%
222	16.481	16.454	16.512	VV	203	4832	0.08%	0.028%
223	16.538	16.512	16.557	PV	159	2717	0.05%	0.016%
224	16.589	16.557	16.608	VV	319	4910	0.08%	0.028%
225	16.679	16.608	16.741	VV	5095	111369	1.93%	0.644%
226	16.759	16.741	16.783	VV	452	7187	0.12%	0.042%
227	16.811	16.783	16.858	VV	773	16523	0.29%	0.096%
228	16.873	16.858	16.901	VV	212	3479	0.06%	0.020%
229	17.002	16.901	17.037	VV	2468	44700	0.77%	0.258%
230	17.064	17.037	17.121	VV	2816	55381	0.96%	0.320%
231	17.147	17.121	17.246	VV	2061	50779	0.88%	0.294%
232	17.315	17.246	17.350	PV	210	6625	0.11%	0.038%
233	17.374	17.350	17.395	VV	123	2233	0.04%	0.013%
234	17.446	17.395	17.464	VV	332	8129	0.14%	0.047%
235	17.475	17.464	17.501	VV	206	2589	0.04%	0.015%
236	17.598	17.501	17.638	PV	2856	52047	0.90%	0.301%
237	17.719	17.638	17.755	VV	341	13625	0.24%	0.079%
238	17.778	17.755	17.805	VV	161	2714	0.05%	0.016%
239	17.861	17.805	17.905	VV	151	4941	0.09%	0.029%
240	17.925	17.905	17.958	PV	135	2197	0.04%	0.013%
241	18.037	17.958	18.096	PV	3291	60671	1.05%	0.351%
242	18.174	18.096	18.188	VV	329	8790	0.15%	0.051%
243	18.260	18.188	18.284	VV	186	8122	0.14%	0.047%
244	18.352	18.284	18.378	PV	667	13544	0.23%	0.078%
245	18.460	18.378	18.532	VV	4561	124194	2.15%	0.718%
246	18.541	18.532	18.555	VV	466	5515	0.10%	0.032%

					rteres			
247	18.611	18.555	18.650	VV	348	16587	0.29%	0.096%
248	18.659	18.650	18.665	VV	151	1130	0.02%	0.007%
249	18.702	18.665	18.757	VV	1557	38334	0.66%	0.222%
250	18.782	18.757	18.793	VV	135	2557	0.04%	0.015%
251	18.871	18.793	18.915	PV	3071	59081	1.02%	0.342%
252	19.056	18.915	19.071	VV	121	4033	0.07%	0.023%
253	19.272	19.071	19.328	PV	2413	54944	0.95%	0.318%
254	19.525	19.328	19.541	VV	176	9082	0.16%	0.053%
255	19.657	19.541	19.708	PV	1683	26264	0.45%	0.152%
256	20.034	19.708	20.061	PV	1135	-12846	-0.22%	-0.074%
257	20.400	20.061	20.431	PV	1279	5096	0.09%	0.029%
258	22.061	20.431	22.082	VV	1296	2572117	44.47%	14.870%
259	22.094	22.082	22.108	VV	833	12878	0.22%	0.074%
260	22.159	22.108	22.171	VV	251	13533	0.23%	0.078%

Sum of corrected areas: 17297838

Aliphatic EPH 041725.M Tue May 06 04:46:32 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
 Data File : FC068749.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2025 16:33
 Operator : YP/AJ
 Sample : PB167833BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167833BL

A
B
C
D
E
F
G
H
I
J

Integration File: sample.E
 Quant Time: May 05 11:47:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.716	4742359	37.242 ug/ml
Spiked Amount	50.000	Recovery	= 74.48%
12) S 1-chlorooctadecane (S...	13.149	3580214	38.541 ug/ml
Spiked Amount	50.000	Recovery	= 77.08%

Target Compounds

(f)=RT Delta > 1/2 Window

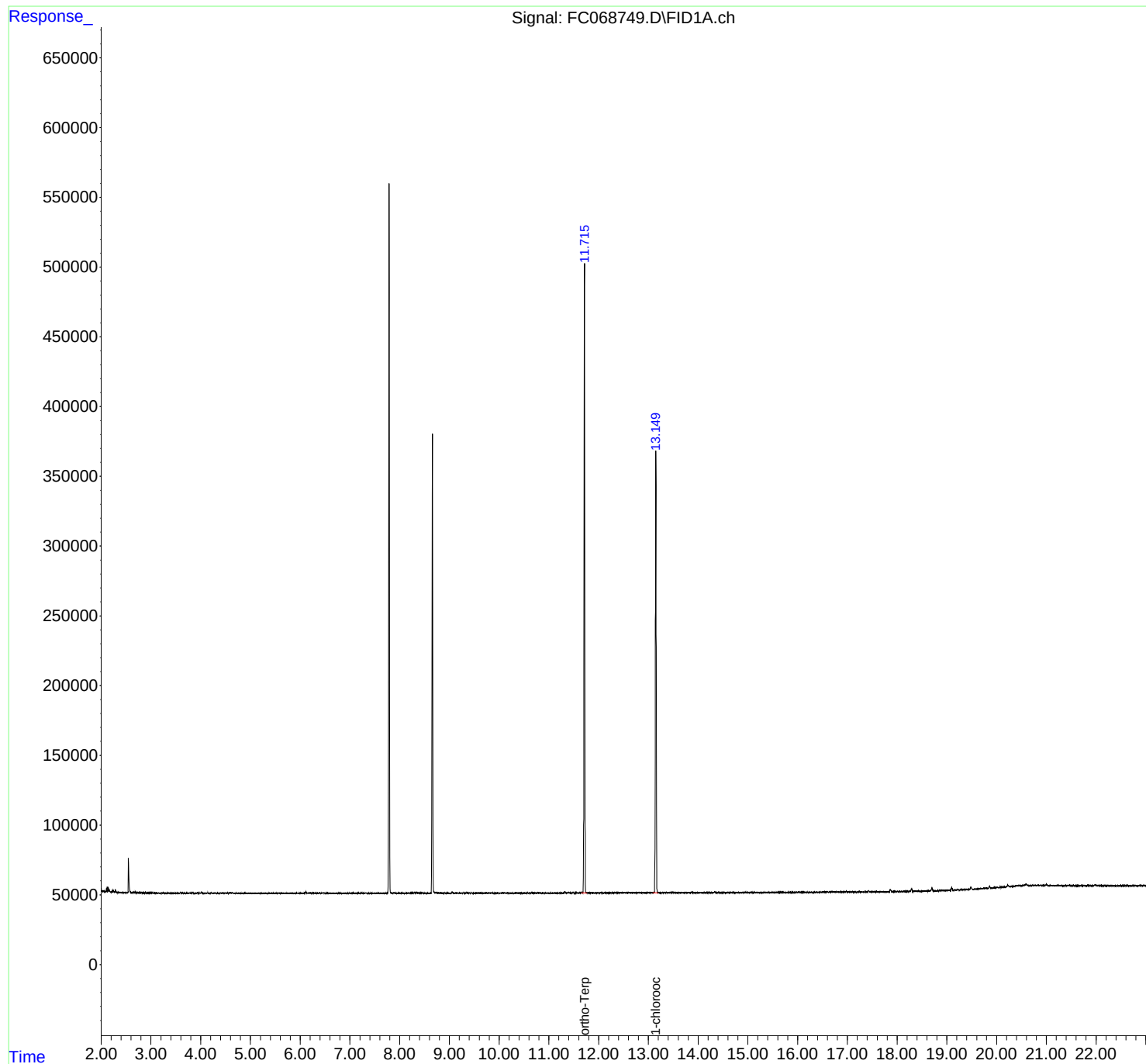
(m)=manual int.

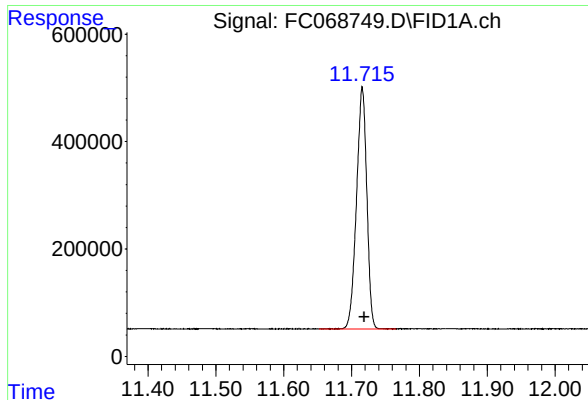
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
Data File : FC068749.D
Signal(s) : FID1A.ch
Acq On : 02 May 2025 16:33
Operator : YP/AJ
Sample : PB167833BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB167833BL

Integration File: sample.E
Quant Time: May 05 11:47:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
Quant Title : GC Extractables
QLast Update : Tue Apr 08 17:31:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

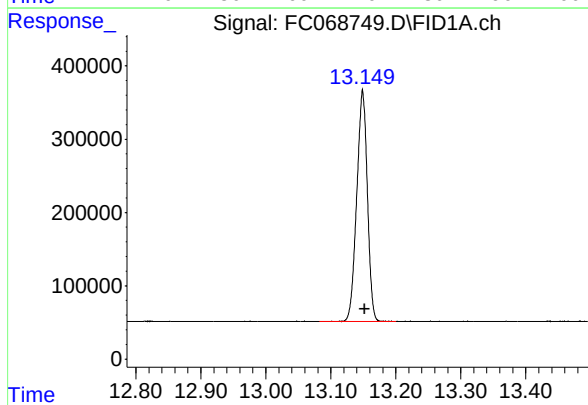




#9 ortho-Terphenyl (SURR)

R.T.: 11.716 min
Delta R.T.: -0.003 min
Response: 4742359
Conc: 37.24 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167833BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.149 min
Delta R.T.: -0.003 min
Response: 3580214
Conc: 38.54 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
 Data File : FC068749.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2025 16:33
 Sample : PB167833BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.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	11.716	11.652	11.765	BB	450311	4742359	100.00%	56.982%
2	13.149	13.082	13.200	BB	315366	3580214	75.49%	43.018%
Sum of corrected areas:						8322574		

Aliphatic EPH 040925.M Mon May 05 11:58:08 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
 Data File : FC068750.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2025 17:11
 Operator : YP/AJ
 Sample : PB167833BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167833BS

Integration File: sample.E
 Quant Time: May 05 11:47:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.716	4746439	37.274 ug/ml
Spiked Amount 50.000		Recovery =	74.55%
12) S 1-chlorooctadecane (S...	13.149	3617879	38.946 ug/ml
Spiked Amount 50.000		Recovery =	77.89%
Target Compounds			
1) T n-Nonane (C9)	3.451	4183534	39.721 ug/ml
2) T n-Decane (C10)	4.525	4448055	42.218 ug/ml
3) T A~Naphthalene (C11.7)	6.119	5332662	45.789 ug/ml
4) T n-Dodecane (C12)	6.547	4612969	43.865 ug/ml
5) T A~2-methylnaphthalene...	7.177	4930620	42.690 ug/ml
6) T n-Tetradecane (C14)	8.346	4713974	45.854 ug/ml
7) T n-Hexadecane (C16)	9.948	4660594	45.763 ug/ml
8) T n-Octadecane (C18)	11.392	4602652	45.737 ug/ml
10) T n-Eicosane (C20)	12.704	4697131	47.754 ug/ml
11) T n-Heneicosane (C21)	13.316	4504471	46.220 ug/ml
13) T n-Docosane (C22)	13.904	4486199	46.443 ug/ml
14) T n-Tetracosane (C24)	15.002	9584037	100.689 ug/ml
15) T n-Hexacosane (C26)	16.033	4462728	47.778 ug/ml
16) T n-Octacosane (C28)	16.982	4556968	49.772 ug/ml
17) T n-Tricontane (C30)	17.872	4581526	49.836 ug/ml
18) T n-Dotriacontane (C32)	18.704	4590126	50.040 ug/ml
19) T n-Tetratriacontane (C34)	19.489	4662560	52.189 ug/ml
20) T n-Hexatriacontane (C36)	20.230	4484131	50.058 ug/ml
21) T n-Octatriacontane (C38)	21.006	4416902	49.958 ug/ml
22) T n-Tetracontane (C40)	21.987	4332224	49.059 ug/ml

(f)=RT Delta > 1/2 Window

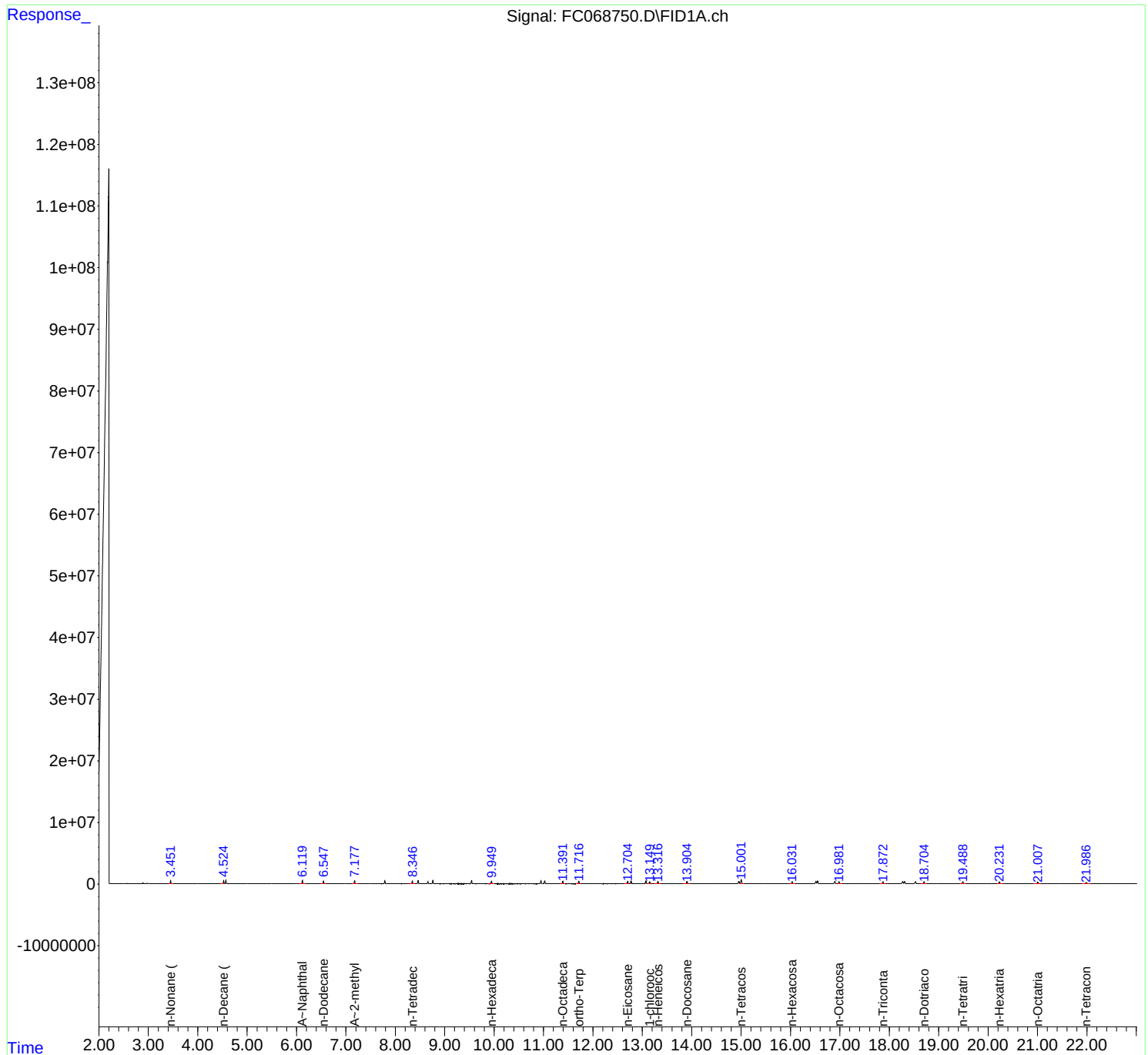
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
Data File : FC068750.D
Signal(s) : FID1A.ch
Acq On : 02 May 2025 17:11
Operator : YP/AJ
Sample : PB167833BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB167833BS

Integration File: sample.E
Quant Time: May 05 11:47:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
Quant Title : GC Extractables
QLast Update : Tue Apr 08 17:31:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
 Data File : FC068750.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2025 17:11
 Sample : PB167833BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.260	2.252	2.292	VV	28026	457215	4.77%	0.240%
2	2.357	2.340	2.384	VV	16559	271185	2.83%	0.142%
3	2.396	2.384	2.430	VV	13969	189029	1.97%	0.099%
4	2.456	2.430	2.500	VV	26993	323426	3.37%	0.170%
5	2.515	2.500	2.557	VV	6647	106834	1.11%	0.056%
6	2.568	2.557	2.596	VV	62783	551950	5.76%	0.289%
7	2.608	2.596	2.649	VV	10832	115646	1.21%	0.061%
8	2.665	2.649	2.689	VV	15734	128492	1.34%	0.067%
9	2.713	2.689	2.755	VB	29270	249755	2.61%	0.131%
10	2.889	2.844	2.940	BB	171816	1268914	13.24%	0.665%
11	2.979	2.940	3.012	BV	94663	1146788	11.97%	0.601%
12	3.451	3.410	3.504	BB	513949	4183534	43.65%	2.193%
13	4.525	4.465	4.547	BV	500407	4448055	46.41%	2.331%
14	4.569	4.547	4.614	VV	567852	4909217	51.22%	2.573%
15	4.631	4.614	4.655	VV	4852	44805	0.47%	0.023%
16	4.677	4.655	4.710	VB	8534	75167	0.78%	0.039%
17	6.119	6.057	6.187	BB	579885	5332662	55.64%	2.795%
18	6.547	6.494	6.587	BB	474593	4612969	48.13%	2.418%
19	7.017	7.000	7.059	BB	5030	43449	0.45%	0.023%
20	7.083	7.062	7.122	BB	13279	127723	1.33%	0.067%
21	7.177	7.129	7.239	BB	518769	4930620	51.45%	2.584%
22	7.789	7.724	7.840	BB	499620	4714279	49.19%	2.471%
23	8.346	8.290	8.394	BB	458495	4713974	49.19%	2.471%
24	8.463	8.409	8.507	BB	553600	5472540	57.10%	2.868%
25	8.661	8.604	8.709	BB	321187	3188274	33.27%	1.671%
26	8.761	8.709	8.807	BB	558613	5486626	57.25%	2.875%
27	9.545	9.485	9.610	BB	541375	5535555	57.76%	2.901%
28	9.755	9.737	9.797	VB	8357	87038	0.91%	0.046%
29	9.948	9.882	10.000	BB	409386	4660594	48.63%	2.443%
30	10.737	10.704	10.772	BB	11107	146466	1.53%	0.077%
31	10.951	10.865	10.985	BV	507351	5337078	55.69%	2.797%
32	11.026	10.985	11.050	PBA	473925	5219141	54.46%	2.735%
33	11.229	11.210	11.264	VB	3455	36023	0.38%	0.019%
34	11.392	11.344	11.440	BB	403921	4602652	48.02%	2.412%
35	11.716	11.659	11.754	BB	430891	4746439	49.52%	2.488%
36	12.704	12.635	12.736	BV	397958	4697131	49.01%	2.462%

rteres								
37	12.774	12.736	12.805	VB	466573	5300681	55.31%	2.778%
38	12.955	12.902	12.979	BB	5401	57536	0.60%	0.030%
39	13.074	13.000	13.102	BV	460895	5211115	54.37%	2.731%
40	13.149	13.102	13.182	VB	302677	3617879	37.75%	1.896%
41	13.316	13.245	13.367	BB	369913	4504471	47.00%	2.361%
42	13.904	13.834	13.957	BB	370609	4486199	46.81%	2.351%
43	14.955	14.887	14.974	BV	394909	5184915	54.10%	2.717%
44	15.002	14.974	15.055	VB	699018	9584037	100.00%	5.023%
45	16.033	15.990	16.090	BB	334132	4462728	46.56%	2.339%
46	16.516	16.437	16.531	BV	358033	5386897	56.21%	2.823%
47	16.551	16.531	16.595	VBA	456892	5361004	55.94%	2.810%
48	16.898	16.819	16.942	BV	382873	5209623	54.36%	2.730%
49	16.982	16.942	17.040	VB	339247	4556968	47.55%	2.388%
50	17.760	17.710	17.792	BB	3748	52916	0.55%	0.028%
51	17.872	17.805	17.929	BB	339361	4581526	47.80%	2.401%
52	18.272	18.190	18.287	BV	322482	3356045	35.02%	1.759%
53	18.533	18.455	18.597	BB	345853	5247455	54.75%	2.750%
54	18.704	18.637	18.757	BB	321437	4590126	47.89%	2.406%
55	19.489	19.440	19.549	BB	322988	4662560	48.65%	2.444%
56	20.230	20.180	20.294	BB	312370	4484131	46.79%	2.350%
57	21.006	20.920	21.065	BB	251143	4416902	46.09%	2.315%
58	21.987	21.892	22.072	BB	174626	4332224	45.20%	2.270%
Sum of corrected areas:						190809185		

Aliphatic EPH 040925.M Mon May 05 11:58:46 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
 Data File : FC068751.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2025 17:49
 Operator : YP/AJ
 Sample : PB167833BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167833BSD

Integration File: sample.E
 Quant Time: May 05 11:47:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.716	4644152	36.471 ug/ml
Spiked Amount 50.000		Recovery =	72.94%
12) S 1-chlorooctadecane (S...	13.148	3546426	38.177 ug/ml
Spiked Amount 50.000		Recovery =	76.35%
Target Compounds			
1) T n-Nonane (C9)	3.451	4118059	39.099 ug/ml
2) T n-Decane (C10)	4.524	4374445	41.519 ug/ml
3) T A~Naphthalene (C11.7)	6.119	5243339	45.022 ug/ml
4) T n-Dodecane (C12)	6.547	4522055	43.000 ug/ml
5) T A~2-methylnaphthalene...	7.177	4840351	41.909 ug/ml
6) T n-Tetradecane (C14)	8.346	4608046	44.824 ug/ml
7) T n-Hexadecane (C16)	9.947	4544897	44.627 ug/ml
8) T n-Octadecane (C18)	11.392	4489707	44.615 ug/ml
10) T n-Eicosane (C20)	12.704	4591075	46.676 ug/ml
11) T n-Heneicosane (C21)	13.316	4406271	45.213 ug/ml
13) T n-Docosane (C22)	13.903	4396944	45.519 ug/ml
14) T n-Tetracosane (C24)	15.002	9463793	99.426 ug/ml
15) T n-Hexacosane (C26)	16.032	4393779	47.040 ug/ml
16) T n-Octacosane (C28)	16.980	4499166	49.140 ug/ml
17) T n-Tricontane (C30)	17.871	4534830	49.328 ug/ml
18) T n-Dotriacontane (C32)	18.704	4545874	49.558 ug/ml
19) T n-Tetratriacontane (C34)	19.489	4606977	51.567 ug/ml
20) T n-Hexatriacontane (C36)	20.230	4420385	49.346 ug/ml
21) T n-Octatriacontane (C38)	21.006	4356609	49.276 ug/ml
22) T n-Tetracontane (C40)	21.987	4274678	48.408 ug/ml

(f)=RT Delta > 1/2 Window

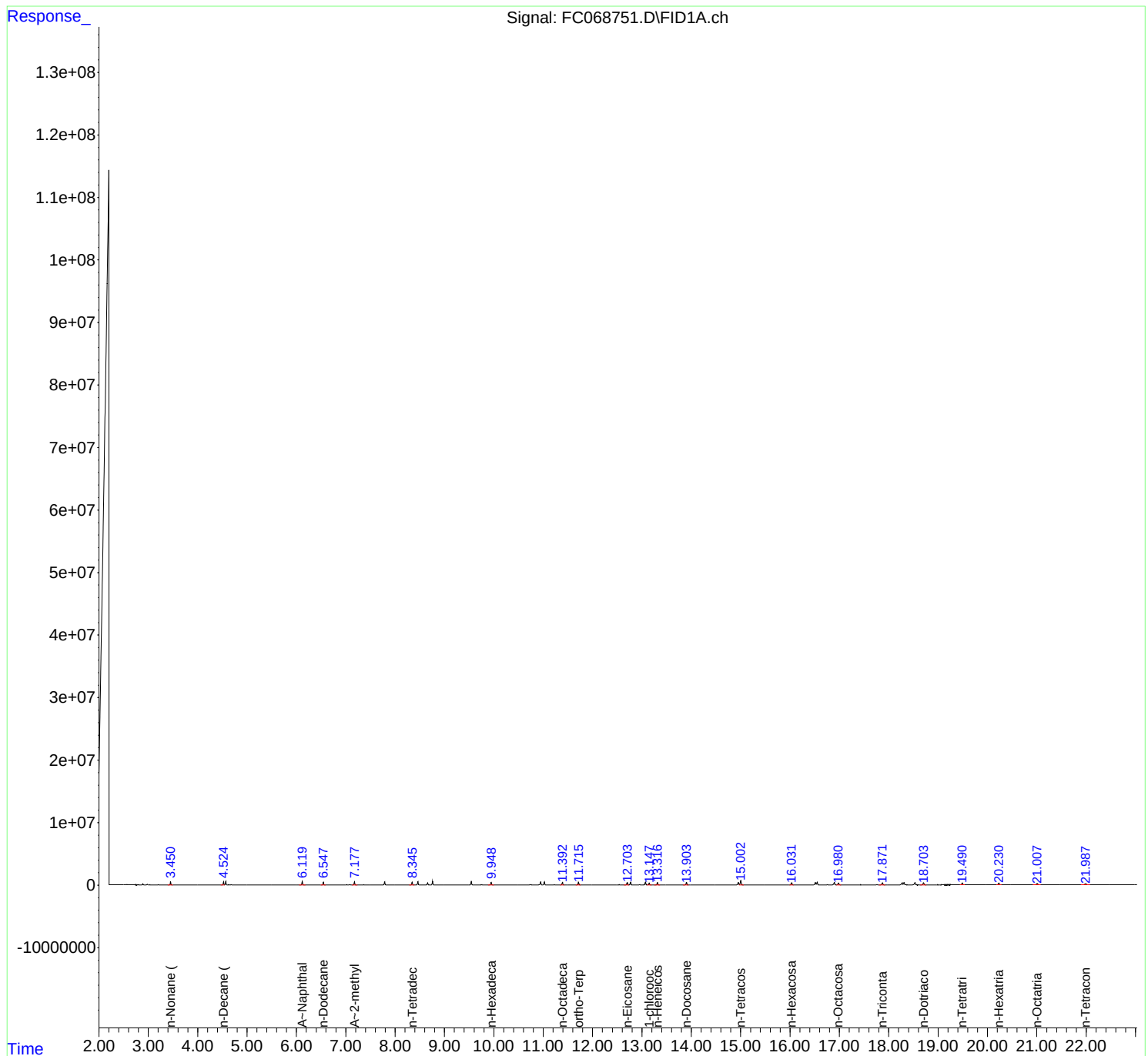
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
Data File : FC068751.D
Signal(s) : FID1A.ch
Acq On : 02 May 2025 17:49
Operator : YP/AJ
Sample : PB167833BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB167833BSD

Integration File: sample.E
Quant Time: May 05 11:47:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
Quant Title : GC Extractables
QLast Update : Tue Apr 08 17:31:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
 Data File : FC068751.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2025 17:49
 Sample : PB167833BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.244	2.235	2.252	VV	20468	182804	1.93%	0.097%
2	2.259	2.252	2.292	VV	24033	359797	3.80%	0.192%
3	2.356	2.322	2.385	VV	13376	260607	2.75%	0.139%
4	2.396	2.385	2.428	VV	10931	101570	1.07%	0.054%
5	2.455	2.428	2.502	VB	23870	206524	2.18%	0.110%
6	2.515	2.502	2.555	BV	4102	30567	0.32%	0.016%
7	2.567	2.555	2.596	PV	59430	507167	5.36%	0.270%
8	2.608	2.596	2.642	VV	9338	80646	0.85%	0.043%
9	2.664	2.642	2.687	PV	14964	112040	1.18%	0.060%
10	2.712	2.687	2.755	VB	28270	237292	2.51%	0.126%
11	2.889	2.838	2.922	BB	169221	1247059	13.18%	0.664%
12	2.978	2.935	3.015	BV	94028	1128131	11.92%	0.601%
13	3.451	3.392	3.498	BB	498772	4118059	43.51%	2.193%
14	4.524	4.465	4.547	BV	501346	4374445	46.22%	2.330%
15	4.569	4.547	4.613	VV	551667	4829380	51.03%	2.572%
16	4.630	4.613	4.652	VV	4791	44273	0.47%	0.024%
17	4.677	4.652	4.712	VB	8581	74903	0.79%	0.040%
18	6.119	6.055	6.182	BB	567751	5243339	55.40%	2.793%
19	6.547	6.492	6.593	BB	461495	4522055	47.78%	2.409%
20	7.016	7.000	7.048	BB	5183	44541	0.47%	0.024%
21	7.082	7.062	7.128	BB	13190	124392	1.31%	0.066%
22	7.177	7.128	7.238	BB	501834	4840351	51.15%	2.578%
23	7.789	7.725	7.832	BB	508091	4876480	51.53%	2.597%
24	8.346	8.285	8.388	BB	455465	4608046	48.69%	2.454%
25	8.462	8.407	8.510	BB	548107	5364922	56.69%	2.858%
26	8.660	8.605	8.710	BB	328767	3305632	34.93%	1.761%
27	8.760	8.712	8.805	BB	548286	5379997	56.85%	2.866%
28	9.544	9.475	9.610	BB	531700	5424597	57.32%	2.889%
29	9.755	9.737	9.800	VB	8210	84800	0.90%	0.045%
30	9.947	9.880	10.000	BB	410472	4544897	48.02%	2.421%
31	10.737	10.707	10.773	BB	10832	144963	1.53%	0.077%
32	10.950	10.867	10.987	BV	498797	5239226	55.36%	2.791%
33	11.026	10.987	11.050	PBA	489037	5144166	54.36%	2.740%
34	11.228	11.209	11.270	VB	3379	35183	0.37%	0.019%
35	11.392	11.343	11.427	BB	406601	4489707	47.44%	2.391%
36	11.716	11.658	11.760	BB	425661	4644152	49.07%	2.474%

rteres								
37	12.704	12.633	12.737	BV	380737	4591075	48.51%	2.445%
38	12.773	12.737	12.800	VB	465993	5214312	55.10%	2.777%
39	12.955	12.902	12.977	BB	5407	57720	0.61%	0.031%
40	13.074	13.000	13.100	BV	433842	5126631	54.17%	2.731%
41	13.148	13.100	13.195	VB	292148	3546426	37.47%	1.889%
42	13.316	13.247	13.367	BB	387243	4406271	46.56%	2.347%
43	13.903	13.832	13.947	BB	360970	4396944	46.46%	2.342%
44	14.953	14.883	14.973	BV	387973	5148358	54.40%	2.742%
45	15.002	14.973	15.063	VB	697917	9463793	100.00%	5.041%
46	16.032	15.990	16.072	BB	344256	4393779	46.43%	2.340%
47	16.514	16.443	16.530	BV	359103	5328632	56.31%	2.838%
48	16.550	16.530	16.595	VBA	450105	5294837	55.95%	2.820%
49	16.897	16.820	16.942	BV	392886	5155303	54.47%	2.746%
50	16.980	16.942	17.033	VB	334346	4499166	47.54%	2.396%
51	17.760	17.708	17.788	BB	3637	52401	0.55%	0.028%
52	17.871	17.805	17.930	BB	337976	4534830	47.92%	2.415%
53	18.272	18.187	18.287	BV	286232	3181018	33.61%	1.694%
54	18.530	18.455	18.598	BB	351784	5186880	54.81%	2.763%
55	18.704	18.638	18.760	BB	327889	4545874	48.03%	2.421%
56	19.489	19.440	19.540	BB	316638	4606977	48.68%	2.454%
57	20.230	20.180	20.285	BB	311144	4420385	46.71%	2.355%
58	21.006	20.920	21.077	BB	231245	4356609	46.03%	2.321%
59	21.987	21.893	22.078	BB	168721	4274678	45.17%	2.277%
Sum of corrected areas:						187739609		

Aliphatic EPH 040925.M Mon May 05 11:59:06 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
 Data File : FC068754.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2025 19:42
 Operator : YP/AJ
 Sample : Q1928-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MH-QMS

Integration File: sample.E
 Quant Time: May 05 11:48:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.714	2971417	23.335 ug/ml
Spiked Amount 50.000		Recovery =	46.67%
12) S 1-chlorooctadecane (S...	13.147	2351177	25.310 ug/ml
Spiked Amount 50.000		Recovery =	50.62%
Target Compounds			
1) T n-Nonane (C9)	3.445	3474612	32.990 ug/ml
2) T n-Decane (C10)	4.521	3858767	36.625 ug/ml
3) T A~Naphthalene (C11.7)	6.117	4555844	39.119 ug/ml
4) T n-Dodecane (C12)	6.546	3991671	37.957 ug/ml
5) T A~2-methylnaphthalene...	7.176	4219335	36.532 ug/ml
6) T n-Tetradecane (C14)	8.344	4145350	40.323 ug/ml
7) T n-Hexadecane (C16)	9.947	4393332	43.139 ug/ml
8) T n-Octadecane (C18)	11.391	4524307	44.959 ug/ml
10) T n-Eicosane (C20)	12.703	4664047	47.418 ug/ml
11) T n-Heneicosane (C21)	13.315	4453647	45.699 ug/ml
13) T n-Docosane (C22)	13.902	4435323	45.917 ug/ml
14) T n-Tetracosane (C24)	15.000	9305303	97.761 ug/ml
15) T n-Hexacosane (C26)	16.031	4344438	46.512 ug/ml
16) T n-Octacosane (C28)	16.980	4407162	48.135 ug/ml
17) T n-Tricontane (C30)	17.870	4419685	48.076 ug/ml
18) T n-Dotriacontane (C32)	18.702	4409721	48.074 ug/ml
19) T n-Tetratriacontane (C34)	19.487	4472132	50.058 ug/ml
20) T n-Hexatriacontane (C36)	20.228	4314181	48.161 ug/ml
21) T n-Octatriacontane (C38)	21.004	4284800	48.464 ug/ml
22) T n-Tetracontane (C40)	21.983	4246318	48.086 ug/ml

(f)=RT Delta > 1/2 Window

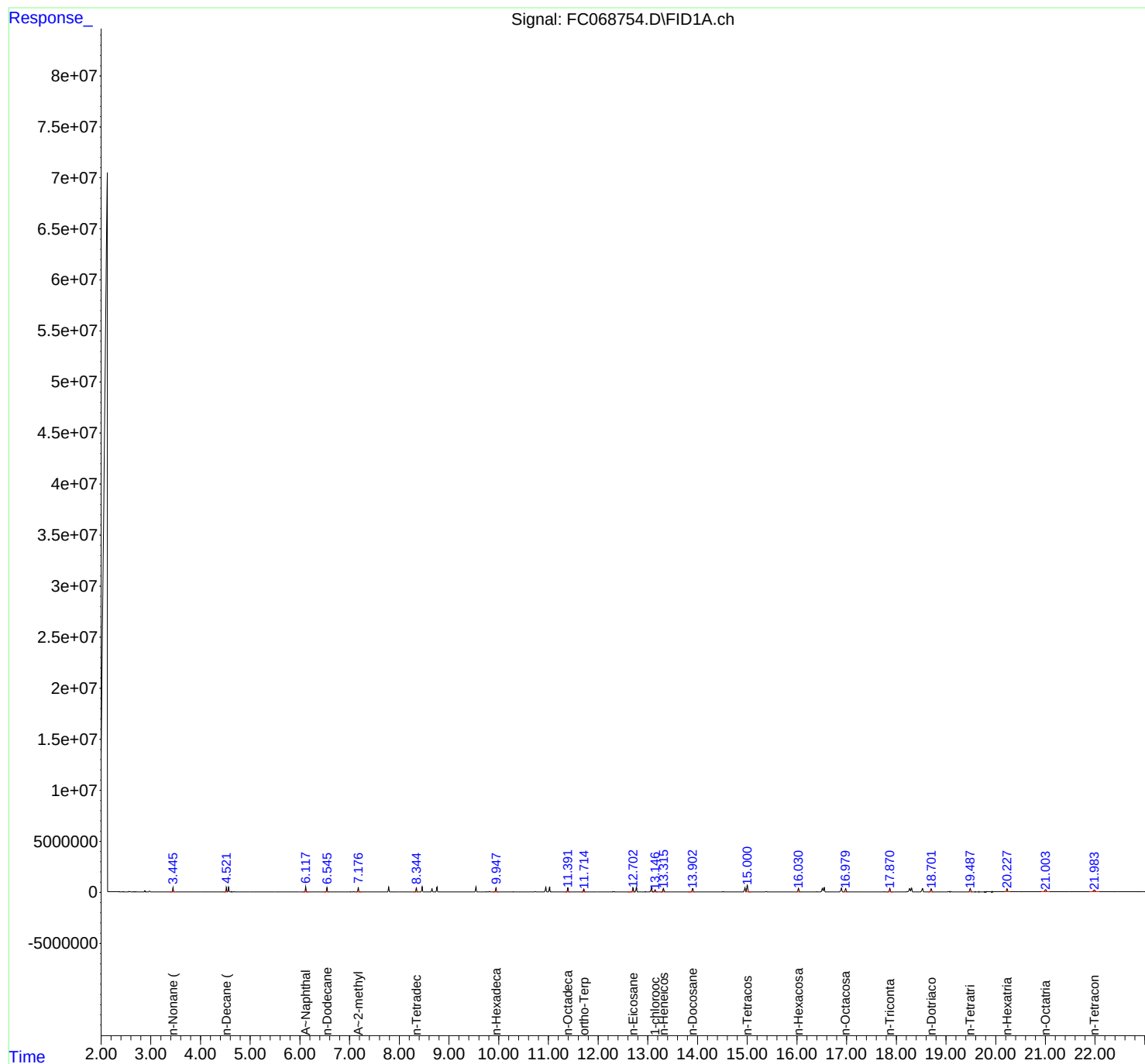
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
Data File : FC068754.D
Signal(s) : FID1A.ch
Acq On : 02 May 2025 19:42
Operator : YP/AJ
Sample : Q1928-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
MH-QMS

Integration File: sample.E
Quant Time: May 05 11:48:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
Quant Title : GC Extractables
QLast Update : Tue Apr 08 17:31:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
 Data File : FC068754.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2025 19:42
 Sample : Q1928-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.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	3.275	3.238	3.307	BV	189	2603	0.03%	0.001%
2	3.339	3.307	3.375	VV	335	6631	0.07%	0.004%
3	3.389	3.375	3.408	PV	71	690	0.01%	0.000%
4	3.445	3.408	3.491	PV	422038	3476741	37.04%	1.870%
5	3.496	3.491	3.512	VV	153	813	0.01%	0.000%
6	3.574	3.512	3.583	PV	203	2627	0.03%	0.001%
7	3.596	3.583	3.613	VV	459	3881	0.04%	0.002%
8	3.628	3.613	3.637	VV	126	1319	0.01%	0.001%
9	3.649	3.637	3.684	VV	176	2270	0.02%	0.001%
10	3.694	3.684	3.708	VV	211	1789	0.02%	0.001%
11	3.718	3.708	3.727	VV	246	2601	0.03%	0.001%
12	3.742	3.727	3.818	VV	1011	16938	0.18%	0.009%
13	3.832	3.818	3.894	VV	596	7277	0.08%	0.004%
14	3.930	3.894	3.958	VV	390	6920	0.07%	0.004%
15	3.967	3.958	3.982	VV	202	1673	0.02%	0.001%
16	4.013	3.982	4.070	VV	752	10048	0.11%	0.005%
17	4.092	4.070	4.111	VV	1138	10401	0.11%	0.006%
18	4.126	4.111	4.137	VV	213	2273	0.02%	0.001%
19	4.146	4.137	4.176	VV	178	2209	0.02%	0.001%
20	4.199	4.176	4.252	VV	118	3512	0.04%	0.002%
21	4.286	4.252	4.308	VV	536	7360	0.08%	0.004%
22	4.318	4.308	4.490	VV	192	15313	0.16%	0.008%
23	4.521	4.490	4.543	VV	440531	3862883	41.16%	2.078%
24	4.566	4.543	4.610	VV	475203	4142198	44.13%	2.228%
25	4.627	4.610	4.649	VV	4299	40786	0.43%	0.022%
26	4.674	4.649	4.713	VV	7438	71916	0.77%	0.039%
27	4.728	4.713	4.760	VV	202	4083	0.04%	0.002%
28	4.773	4.760	4.796	VV	251	3945	0.04%	0.002%
29	4.807	4.796	4.835	VV	267	3375	0.04%	0.002%
30	4.855	4.835	4.878	VV	212	3284	0.03%	0.002%
31	4.896	4.878	4.921	VV	155	2800	0.03%	0.002%
32	4.943	4.921	4.968	VV	189	2991	0.03%	0.002%
33	5.006	4.968	5.058	VV	168	5098	0.05%	0.003%
34	5.070	5.058	5.084	VV	128	1305	0.01%	0.001%
35	5.095	5.084	5.148	VV	150	4238	0.05%	0.002%
36	5.168	5.148	5.218	VV	173	5188	0.06%	0.003%

					rt	ret	area	%area	%total
37	5.243	5.218	5.330	VV	233	8103	0.09%	0.004%	
38	5.345	5.330	5.360	PV	127	1245	0.01%	0.001%	
39	5.380	5.360	5.416	VV	562	6143	0.07%	0.003%	
40	5.427	5.416	5.438	VV	91	875	0.01%	0.000%	
41	5.478	5.438	5.510	VV	156	4480	0.05%	0.002%	
42	5.521	5.510	5.531	VV	145	979	0.01%	0.001%	
43	5.560	5.531	5.573	VV	1369	13098	0.14%	0.007%	
44	5.587	5.573	5.707	VV	1947	28445	0.30%	0.015%	
45	5.717	5.707	5.773	VV	179	5002	0.05%	0.003%	
46	5.839	5.773	5.850	VV	179	5460	0.06%	0.003%	
47	5.863	5.850	5.893	VV	164	3132	0.03%	0.002%	
48	5.908	5.893	5.955	VV	225	4657	0.05%	0.003%	
49	5.965	5.955	6.014	VV	127	3950	0.04%	0.002%	
50	6.117	6.014	6.154	VV	495437	4565606	48.64%	2.456%	
51	6.161	6.154	6.182	VV	743	9271	0.10%	0.005%	
52	6.202	6.182	6.228	VV	486	9510	0.10%	0.005%	
53	6.263	6.228	6.294	VV	458	12101	0.13%	0.007%	
54	6.306	6.294	6.344	VV	247	6243	0.07%	0.003%	
55	6.389	6.344	6.418	VV	757	15764	0.17%	0.008%	
56	6.438	6.418	6.471	VV	354	8400	0.09%	0.005%	
57	6.498	6.471	6.514	VV	361	6487	0.07%	0.003%	
58	6.546	6.514	6.601	VV	413779	4002265	42.64%	2.153%	
59	6.615	6.601	6.668	VV	1162	15182	0.16%	0.008%	
60	6.696	6.668	6.721	VV	512	7004	0.07%	0.004%	
61	6.729	6.721	6.734	VV	136	967	0.01%	0.001%	
62	6.744	6.734	6.757	VV	202	1979	0.02%	0.001%	
63	6.766	6.757	6.775	VV	177	1542	0.02%	0.001%	
64	6.840	6.775	6.853	VV	236	7187	0.08%	0.004%	
65	6.871	6.853	6.891	VV	205	3145	0.03%	0.002%	
66	6.905	6.891	6.918	VV	198	2446	0.03%	0.001%	
67	6.941	6.918	6.951	VV	387	4637	0.05%	0.002%	
68	6.964	6.951	6.990	VV	440	5158	0.05%	0.003%	
69	7.015	6.990	7.051	VV	4811	48229	0.51%	0.026%	
70	7.082	7.051	7.118	VV	11610	116105	1.24%	0.062%	
71	7.176	7.118	7.241	VV	432232	4232369	45.09%	2.277%	
72	7.250	7.241	7.288	VV	358	7093	0.08%	0.004%	
73	7.313	7.288	7.348	VV	1496	22691	0.24%	0.012%	
74	7.365	7.348	7.381	VV	2329	27864	0.30%	0.015%	
75	7.391	7.381	7.416	VV	1248	14321	0.15%	0.008%	
76	7.441	7.416	7.454	VV	1058	13238	0.14%	0.007%	
77	7.469	7.454	7.489	VV	1179	14467	0.15%	0.008%	
78	7.513	7.489	7.524	VV	377	6117	0.07%	0.003%	
79	7.537	7.524	7.552	VV	414	5694	0.06%	0.003%	
80	7.564	7.552	7.588	VV	422	5443	0.06%	0.003%	
81	7.613	7.588	7.630	VV	236	4356	0.05%	0.002%	
82	7.650	7.630	7.671	VV	681	9409	0.10%	0.005%	
83	7.689	7.671	7.741	VV	351	10014	0.11%	0.005%	
84	7.788	7.741	7.842	VV	482035	4649418	49.54%	2.501%	
85	7.849	7.842	7.856	VV	335	2675	0.03%	0.001%	
86	7.882	7.856	7.914	VV	612	15087	0.16%	0.008%	
87	7.926	7.914	8.013	VV	514	14108	0.15%	0.008%	
88	8.039	8.013	8.071	VV	585	11172	0.12%	0.006%	
89	8.094	8.071	8.111	VV	538	7535	0.08%	0.004%	

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90	8.122	8.111	8.137	VV	232	3129	0.03%	0.002%
91	8.166	8.137	8.183	VV	399	7303	0.08%	0.004%
92	8.205	8.183	8.224	VV	319	7250	0.08%	0.004%
93	8.246	8.224	8.286	VV	430	14518	0.15%	0.008%
94	8.344	8.286	8.380	VV	410040	4156588	44.29%	2.236%
95	8.403	8.380	8.420	VV	249	4737	0.05%	0.003%
96	8.461	8.420	8.561	VV	487106	4771178	50.84%	2.567%
97	8.569	8.561	8.618	VV	299	6514	0.07%	0.004%
98	8.659	8.618	8.724	VV	308829	3146472	33.52%	1.693%
99	8.759	8.724	8.798	VV	478062	4829706	51.46%	2.598%
100	8.811	8.798	8.838	VV	528	8091	0.09%	0.004%
101	8.843	8.838	8.859	VV	243	2610	0.03%	0.001%
102	8.880	8.859	8.924	VV	387	7377	0.08%	0.004%
103	8.966	8.924	8.982	VV	300	6022	0.06%	0.003%
104	9.027	8.982	9.048	VV	813	13326	0.14%	0.007%
105	9.062	9.048	9.137	VV	646	15951	0.17%	0.009%
106	9.165	9.137	9.189	VV	707	9941	0.11%	0.005%
107	9.199	9.189	9.221	VV	275	3183	0.03%	0.002%
108	9.227	9.221	9.279	VV	178	3277	0.03%	0.002%
109	9.301	9.279	9.333	VV	197	3729	0.04%	0.002%
110	9.351	9.333	9.372	VV	267	3706	0.04%	0.002%
111	9.401	9.372	9.437	VV	221	5146	0.05%	0.003%
112	9.466	9.437	9.505	PV	284	6607	0.07%	0.004%
113	9.544	9.505	9.572	VV	498899	5027687	53.57%	2.705%
114	9.583	9.572	9.608	VV	821	10767	0.11%	0.006%
115	9.620	9.608	9.650	VV	345	6040	0.06%	0.003%
116	9.684	9.650	9.697	VV	505	8802	0.09%	0.005%
117	9.723	9.697	9.736	VV	2022	28048	0.30%	0.015%
118	9.755	9.736	9.790	VV	7973	85208	0.91%	0.046%
119	9.816	9.790	9.868	VV	35618	377404	4.02%	0.203%
120	9.880	9.868	9.904	VV	657	8587	0.09%	0.005%
121	9.947	9.904	10.008	VV	411854	4409527	46.98%	2.372%
122	10.039	10.008	10.089	VV	363	8276	0.09%	0.004%
123	10.119	10.089	10.157	VV	193	4079	0.04%	0.002%
124	10.168	10.157	10.188	VV	83	1558	0.02%	0.001%
125	10.195	10.188	10.207	VV	96	1125	0.01%	0.001%
126	10.225	10.207	10.263	VV	185	3257	0.03%	0.002%
127	10.291	10.263	10.315	VV	4433	47046	0.50%	0.025%
128	10.336	10.315	10.366	VV	370	6136	0.07%	0.003%
129	10.385	10.366	10.406	VV	306	5144	0.05%	0.003%
130	10.425	10.406	10.446	VV	163	2573	0.03%	0.001%
131	10.463	10.446	10.525	VV	271	5950	0.06%	0.003%
132	10.549	10.525	10.564	VV	195	2969	0.03%	0.002%
133	10.580	10.564	10.601	VV	221	3833	0.04%	0.002%
134	10.614	10.601	10.625	VV	215	2682	0.03%	0.001%
135	10.642	10.625	10.659	VV	370	5666	0.06%	0.003%
136	10.680	10.659	10.704	VV	848	11794	0.13%	0.006%
137	10.737	10.704	10.821	VV	10229	156662	1.67%	0.084%
138	10.828	10.821	10.855	VV	176	2044	0.02%	0.001%
139	10.871	10.855	10.887	PV	196	1892	0.02%	0.001%
140	10.950	10.887	10.991	VV	478202	5102118	54.36%	2.745%
141	11.025	10.991	11.078	VV	470099	5053475	53.84%	2.718%

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142	11.097	11.078	11.125	VV	964	14294	0.15%	0.008%
143	11.133	11.125	11.154	VV	252	3498	0.04%	0.002%
144	11.161	11.154	11.169	VV	220	1815	0.02%	0.001%
145	11.193	11.169	11.208	VV	988	13048	0.14%	0.007%
146	11.227	11.208	11.293	VV	3597	40932	0.44%	0.022%
147	11.320	11.293	11.344	VV	401	6542	0.07%	0.004%
148	11.391	11.344	11.437	VV	402052	4533899	48.31%	2.439%
149	11.473	11.437	11.522	VV	438	11115	0.12%	0.006%
150	11.550	11.522	11.568	VV	200	3273	0.03%	0.002%
151	11.585	11.568	11.602	VV	152	2277	0.02%	0.001%
152	11.662	11.602	11.678	VV	163	4510	0.05%	0.002%
153	11.714	11.678	11.764	VV	291128	2975085	31.70%	1.600%
154	11.804	11.764	11.822	VV	386	8687	0.09%	0.005%
155	11.844	11.822	11.858	VV	828	10447	0.11%	0.006%
156	11.875	11.858	11.909	VV	1206	18417	0.20%	0.010%
157	11.922	11.909	11.968	VV	457	7692	0.08%	0.004%
158	11.992	11.968	12.026	VV	368	6584	0.07%	0.004%
159	12.055	12.026	12.091	VV	379	9178	0.10%	0.005%
160	12.110	12.091	12.131	VV	323	5369	0.06%	0.003%
161	12.153	12.131	12.198	VV	295	6939	0.07%	0.004%
162	12.228	12.198	12.241	VV	207	3585	0.04%	0.002%
163	12.306	12.241	12.379	VV	22134	297284	3.17%	0.160%
164	12.393	12.379	12.414	VV	1475	25800	0.27%	0.014%
165	12.421	12.414	12.473	VV	1034	28706	0.31%	0.015%
166	12.541	12.473	12.613	VV	2520	75744	0.81%	0.041%
167	12.640	12.613	12.663	VV	686	15389	0.16%	0.008%
168	12.703	12.663	12.734	VV	405888	4675314	49.81%	2.515%
169	12.772	12.734	12.871	VV	448502	5191238	55.31%	2.793%
170	12.907	12.871	12.925	VV	325	8125	0.09%	0.004%
171	12.954	12.925	12.994	VV	5511	70496	0.75%	0.038%
172	13.007	12.994	13.030	VV	379	6995	0.07%	0.004%
173	13.072	13.030	13.100	VV	439065	5063841	53.95%	2.724%
174	13.147	13.100	13.184	VV	197821	2365262	25.20%	1.272%
175	13.261	13.223	13.276	VV	511	11100	0.12%	0.006%
176	13.315	13.276	13.352	VV	360645	4468824	47.61%	2.404%
177	13.361	13.352	13.384	VV	363	5882	0.06%	0.003%
178	13.401	13.384	13.421	VV	350	6081	0.06%	0.003%
179	13.444	13.421	13.468	VV	365	7817	0.08%	0.004%
180	13.507	13.468	13.531	VV	816	20112	0.21%	0.011%
181	13.548	13.531	13.559	VV	719	11081	0.12%	0.006%
182	13.590	13.559	13.604	VV	769	19159	0.20%	0.010%
183	13.613	13.604	13.637	VV	714	13866	0.15%	0.007%
184	13.655	13.637	13.672	VV	763	14104	0.15%	0.008%
185	13.691	13.672	13.710	VV	934	17532	0.19%	0.009%
186	13.741	13.710	13.791	VV	1146	34130	0.36%	0.018%
187	13.813	13.791	13.824	VV	516	10238	0.11%	0.006%
188	13.849	13.824	13.864	VV	1067	18694	0.20%	0.010%
189	13.902	13.864	13.939	VV	353039	4450279	47.42%	2.394%
190	13.952	13.939	13.981	VV	603	13631	0.15%	0.007%
191	14.028	13.981	14.058	VV	1478	32777	0.35%	0.018%
192	14.077	14.058	14.095	VV	933	14666	0.16%	0.008%
193	14.105	14.095	14.115	VV	502	5888	0.06%	0.003%
194	14.138	14.115	14.186	VV	572	20791	0.22%	0.011%

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195	14.201	14.186	14.225	VV	555	10630	0.11%	0.006%
196	14.291	14.225	14.320	VV	1138	39716	0.42%	0.021%
197	14.336	14.320	14.431	VV	1032	44608	0.48%	0.024%
198	14.471	14.431	14.495	VV	1741	37285	0.40%	0.020%
199	14.519	14.495	14.551	VV	8538	118244	1.26%	0.064%
200	14.560	14.551	14.581	VV	945	15960	0.17%	0.009%
201	14.588	14.581	14.615	VV	895	15630	0.17%	0.008%
202	14.633	14.615	14.650	VV	704	14015	0.15%	0.008%
203	14.684	14.650	14.712	VV	1160	29293	0.31%	0.016%
204	14.754	14.712	14.784	VV	822	31907	0.34%	0.017%
205	14.845	14.784	14.891	VV	1047	51364	0.55%	0.028%
206	14.953	14.891	14.973	VV	372712	5048697	53.79%	2.716%
207	15.000	14.973	15.128	VV	680934	9385599	100.00%	5.049%
208	15.184	15.154	15.232	VV	1883	53015	0.56%	0.029%
209	15.251	15.232	15.274	VV	897	21147	0.23%	0.011%
210	15.281	15.274	15.321	VV	779	20536	0.22%	0.011%
211	15.380	15.321	15.462	VV	16078	285805	3.05%	0.154%
212	15.472	15.462	15.498	VV	867	16631	0.18%	0.009%
213	15.525	15.498	15.560	VV	1419	38348	0.41%	0.021%
214	15.605	15.560	15.648	VV	2167	54344	0.58%	0.029%
215	15.652	15.648	15.701	VV	668	17008	0.18%	0.009%
216	15.712	15.701	15.718	VV	488	4878	0.05%	0.003%
217	15.727	15.718	15.741	VV	600	6579	0.07%	0.004%
218	15.757	15.741	15.776	VV	578	10542	0.11%	0.006%
219	15.792	15.776	15.823	VV	602	13804	0.15%	0.007%
220	15.860	15.823	15.884	VV	1443	27008	0.29%	0.015%
221	15.902	15.884	15.970	VV	908	29595	0.32%	0.016%
222	16.030	15.970	16.078	VV	346376	4374219	46.61%	2.353%
223	16.090	16.078	16.146	VV	531	14600	0.16%	0.008%
224	16.199	16.146	16.216	VV	575	15243	0.16%	0.008%
225	16.234	16.216	16.284	VV	1089	19174	0.20%	0.010%
226	16.397	16.284	16.450	VV	3872	84015	0.90%	0.045%
227	16.513	16.450	16.529	VV	360227	5193100	55.33%	2.794%
228	16.549	16.529	16.578	VV	433522	5164199	55.02%	2.778%
229	16.592	16.578	16.627	VV	1488	25829	0.28%	0.014%
230	16.638	16.627	16.684	VV	406	10767	0.11%	0.006%
231	16.689	16.684	16.731	VV	300	6981	0.07%	0.004%
232	16.756	16.731	16.800	VV	2945	41666	0.44%	0.022%
233	16.832	16.800	16.837	VV	251	5014	0.05%	0.003%
234	16.895	16.837	16.929	VV	373899	5011290	53.39%	2.696%
235	16.980	16.929	17.018	VV	335235	4430756	47.21%	2.383%
236	17.029	17.018	17.041	VV	566	7018	0.07%	0.004%
237	17.056	17.041	17.114	VV	622	13179	0.14%	0.007%
238	17.125	17.114	17.157	VV	168	2220	0.02%	0.001%
239	17.191	17.157	17.208	PV	184	2854	0.03%	0.002%
240	17.343	17.208	17.386	VV	1229	31624	0.34%	0.017%
241	17.427	17.386	17.465	VV	1778	30561	0.33%	0.016%
242	17.513	17.465	17.561	PV	409	9093	0.10%	0.005%
243	17.603	17.561	17.637	VV	123	3034	0.03%	0.002%
244	17.656	17.637	17.681	PV	203	2719	0.03%	0.001%
245	17.758	17.681	17.787	PV	3625	55209	0.59%	0.030%
246	17.870	17.787	17.931	VV	340550	4431012	47.21%	2.384%

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247	17.957	17.931	18.000	VV	1032	16413	0.17%	0.009%	
248	18.063	18.000	18.084	PV	148	4134	0.04%	0.002%	
249	18.109	18.084	18.176	VV	369	8178	0.09%	0.004%	
250	18.269	18.176	18.286	VV	345307	5477702	58.36%	2.947%	
251	18.307	18.286	18.368	VV	379280	4910318	52.32%	2.641%	
252	18.380	18.368	18.448	VV	724	22981	0.24%	0.012%	
253	18.456	18.448	18.471	VV	250	3292	0.04%	0.002%	
254	18.528	18.471	18.617	VV	335370	5025300	53.54%	2.703%	
255	18.643	18.617	18.656	VV	512	10039	0.11%	0.005%	
256	18.702	18.656	18.757	VV	303573	4425164	47.15%	2.380%	
257	18.787	18.757	18.838	VV	1295	32349	0.34%	0.017%	
258	18.859	18.838	18.897	VV	569	12421	0.13%	0.007%	
259	18.911	18.897	18.930	VV	208	3399	0.04%	0.002%	
260	18.981	18.930	19.016	VV	483	13687	0.15%	0.007%	
261	19.050	19.016	19.082	VV	4622	91053	0.97%	0.049%	
262	19.099	19.082	19.158	VV	2351	57267	0.61%	0.031%	
263	19.195	19.158	19.217	VV	668	18340	0.20%	0.010%	
264	19.262	19.217	19.321	VV	584	29371	0.31%	0.016%	
265	19.345	19.321	19.376	VV	642	16517	0.18%	0.009%	
266	19.397	19.376	19.416	VV	521	10906	0.12%	0.006%	
267	19.487	19.416	19.531	VV	317858	4503382	47.98%	2.423%	
268	19.557	19.531	19.574	VV	908	19944	0.21%	0.011%	
269	19.592	19.574	19.621	VV	1199	25908	0.28%	0.014%	
270	19.664	19.621	19.699	VV	1163	42601	0.45%	0.023%	
271	19.781	19.699	19.801	VV	1209	54320	0.58%	0.029%	
272	19.857	19.801	19.886	VV	2579	87852	0.94%	0.047%	
273	19.896	19.886	19.908	VV	1196	15685	0.17%	0.008%	
274	19.915	19.908	19.927	VV	1176	13065	0.14%	0.007%	
275	19.958	19.927	19.991	VV	1267	44037	0.47%	0.024%	
276	20.022	19.991	20.051	VV	1572	48658	0.52%	0.026%	
277	20.086	20.051	20.104	VV	2118	56851	0.61%	0.031%	
278	20.131	20.104	20.168	VV	2642	79514	0.85%	0.043%	
279	20.228	20.168	20.291	VV	306413	4450585	47.42%	2.394%	
280	20.365	20.291	20.425	VV	4330	197415	2.10%	0.106%	
281	20.470	20.425	20.520	VV	2316	115827	1.23%	0.062%	
282	20.590	20.520	20.632	VV	2923	154512	1.65%	0.083%	
283	20.641	20.632	20.664	VV	2020	38597	0.41%	0.021%	
284	20.677	20.664	20.687	VV	1974	26938	0.29%	0.014%	
285	20.698	20.687	20.714	VV	1970	31353	0.33%	0.017%	
286	20.720	20.714	20.757	VV	1927	48669	0.52%	0.026%	
287	20.780	20.757	20.796	VV	2048	45475	0.48%	0.024%	
288	20.803	20.796	20.873	VV	1993	83986	0.89%	0.045%	
289	20.898	20.873	20.934	VV	1777	62837	0.67%	0.034%	
290	21.004	20.934	21.078	VV	213406	4419607	47.09%	2.377%	
291	21.117	21.078	21.139	VV	1600	55358	0.59%	0.030%	
292	21.167	21.139	21.204	VV	1451	53666	0.57%	0.029%	
293	21.215	21.204	21.232	VV	1326	20528	0.22%	0.011%	
294	21.241	21.232	21.251	VV	1190	13773	0.15%	0.007%	
295	21.256	21.251	21.300	VV	1220	32702	0.35%	0.018%	
296	21.336	21.300	21.368	VV	1212	46172	0.49%	0.025%	
297	21.374	21.368	21.388	VV	1090	12423	0.13%	0.007%	
298	21.399	21.388	21.405	VV	1043	10600	0.11%	0.006%	
299	21.459	21.405	21.535	VV	1438	83975	0.89%	0.045%	

					rteres			
300	21.547	21.535	21.603	VV	912	33671	0.36%	0.018%
301	21.623	21.603	21.657	VV	780	23228	0.25%	0.012%
302	21.676	21.657	21.777	VV	729	43765	0.47%	0.024%
303	21.790	21.777	21.825	VV	575	14916	0.16%	0.008%
304	21.834	21.825	21.871	VV	607	13292	0.14%	0.007%
305	21.983	21.906	22.121	VV	170397	4271295	45.51%	2.298%
306	22.137	22.121	22.147	VV	116	1119	0.01%	0.001%
Sum of corrected areas:					185897086			

Aliphatic EPH 040925.M Mon May 05 12:00:34 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
 Data File : FC068755.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2025 20:19
 Operator : YP/AJ
 Sample : Q1928-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MH-QMSD

Integration File: sample.E
 Quant Time: May 05 11:49:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.714	2930800	23.016 ug/ml
Spiked Amount 50.000		Recovery =	46.03%
12) S 1-chlorooctadecane (S...	13.147	2271721	24.455 ug/ml
Spiked Amount 50.000		Recovery =	48.91%
Target Compounds			
1) T n-Nonane (C9)	3.447	3589621	34.082 ug/ml
2) T n-Decane (C10)	4.522	3962068	37.605 ug/ml
3) T A~Naphthalene (C11.7)	6.118	4661571	40.027 ug/ml
4) T n-Dodecane (C12)	6.546	4042734	38.443 ug/ml
5) T A~2-methylnaphthalene...	7.176	4282473	37.078 ug/ml
6) T n-Tetradecane (C14)	8.345	4121660	40.092 ug/ml
7) T n-Hexadecane (C16)	9.947	4298951	42.212 ug/ml
8) T n-Octadecane (C18)	11.391	4374877	43.474 ug/ml
10) T n-Eicosane (C20)	12.704	4477221	45.519 ug/ml
11) T n-Heneicosane (C21)	13.315	4274596	43.861 ug/ml
13) T n-Docosane (C22)	13.903	4255877	44.059 ug/ml
14) T n-Tetracosane (C24)	15.000	9192026	96.571 ug/ml
15) T n-Hexacosane (C26)	16.031	4221848	45.200 ug/ml
16) T n-Octacosane (C28)	16.980	4314401	47.122 ug/ml
17) T n-Tricontane (C30)	17.871	4346666	47.281 ug/ml
18) T n-Dotriacontane (C32)	18.704	4340625	47.320 ug/ml
19) T n-Tetratriacontane (C34)	19.488	4407975	49.340 ug/ml
20) T n-Hexatriacontane (C36)	20.229	4255451	47.505 ug/ml
21) T n-Octatriacontane (C38)	21.006	4234337	47.893 ug/ml
22) T n-Tetracontane (C40)	21.983	4200791	47.571 ug/ml

(f)=RT Delta > 1/2 Window

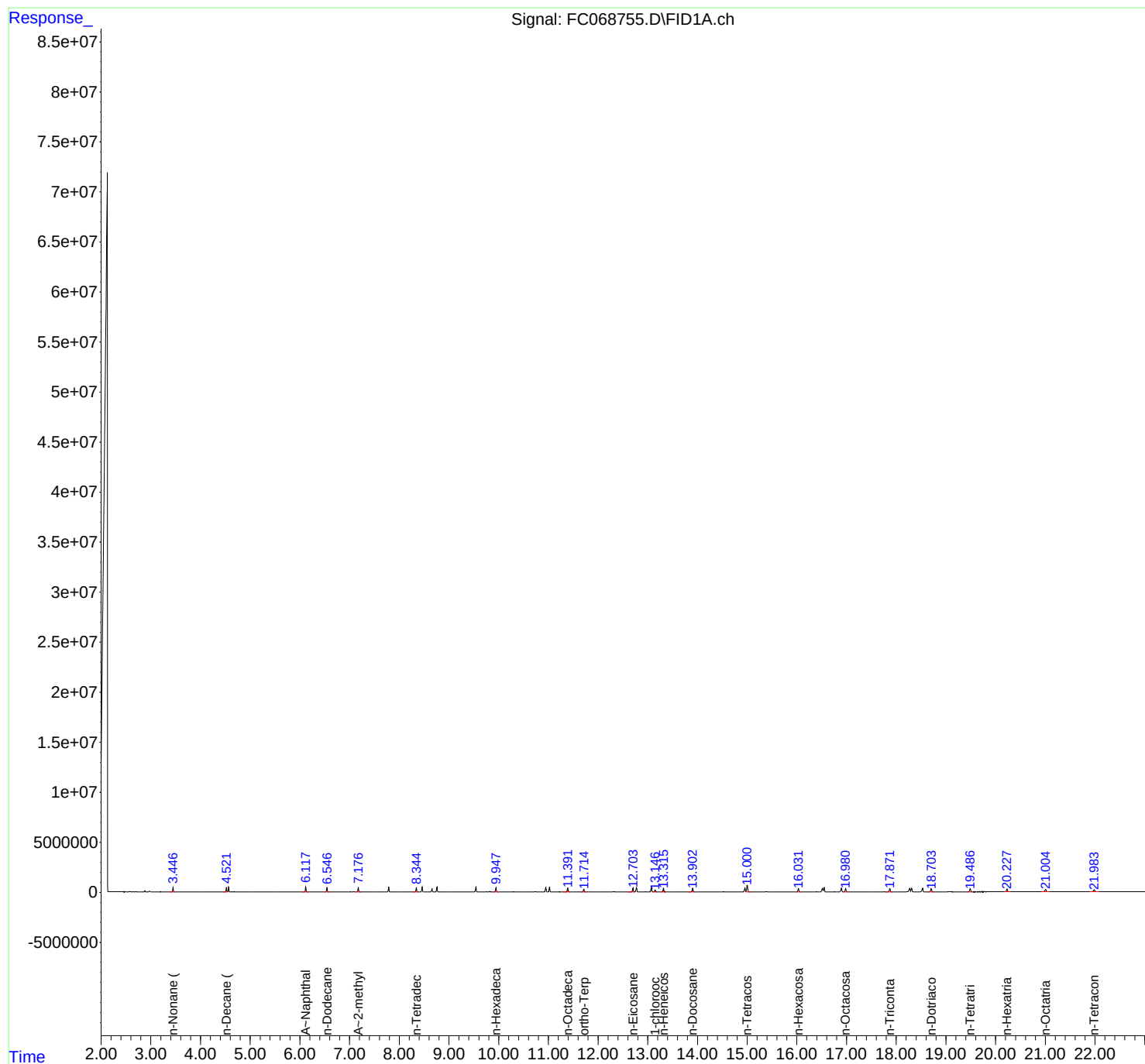
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
Data File : FC068755.D
Signal(s) : FID1A.ch
Acq On : 02 May 2025 20:19
Operator : YP/AJ
Sample : Q1928-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
MH-QMSD

Integration File: sample.E
Quant Time: May 05 11:49:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
Quant Title : GC Extractables
QLast Update : Tue Apr 08 17:31:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
 Data File : FC068755.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2025 20:19
 Sample : Q1928-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.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	3.271	3.204	3.308	BV	-47	-13329	-0.14%	-0.007%
2	3.329	3.308	3.391	PV	255	6763	0.07%	0.004%
3	3.400	3.391	3.414	PV	81	719	0.01%	0.000%
4	3.447	3.414	3.558	VV	435973	3591393	38.78%	1.940%
5	3.596	3.558	3.618	VV	553	7572	0.08%	0.004%
6	3.649	3.618	3.672	PV	251	3874	0.04%	0.002%
7	3.719	3.672	3.726	VV	263	5144	0.06%	0.003%
8	3.743	3.726	3.796	VV	1105	17926	0.19%	0.010%
9	3.832	3.796	3.852	VV	721	8078	0.09%	0.004%
10	3.862	3.852	3.914	VV	97	1929	0.02%	0.001%
11	3.931	3.914	3.994	VV	494	8573	0.09%	0.005%
12	4.014	3.994	4.071	PV	929	10234	0.11%	0.006%
13	4.092	4.071	4.111	PV	1122	9736	0.11%	0.005%
14	4.123	4.111	4.172	VV	185	4405	0.05%	0.002%
15	4.185	4.172	4.204	VV	120	1166	0.01%	0.001%
16	4.214	4.204	4.249	VV	148	2057	0.02%	0.001%
17	4.287	4.249	4.311	VV	489	7384	0.08%	0.004%
18	4.322	4.311	4.381	VV	201	5620	0.06%	0.003%
19	4.391	4.381	4.428	VV	116	2523	0.03%	0.001%
20	4.439	4.428	4.494	VV	190	5047	0.05%	0.003%
21	4.522	4.494	4.544	VV	445101	3965256	42.82%	2.141%
22	4.566	4.544	4.610	VV	489410	4272039	46.13%	2.307%
23	4.628	4.610	4.654	VV	4431	42165	0.46%	0.023%
24	4.675	4.654	4.708	VV	7751	70626	0.76%	0.038%
25	4.713	4.708	4.764	VV	156	4069	0.04%	0.002%
26	4.777	4.764	4.793	VV	240	2744	0.03%	0.001%
27	4.807	4.793	4.828	VV	198	2466	0.03%	0.001%
28	4.831	4.828	4.839	VV	211	806	0.01%	0.000%
29	4.858	4.839	4.880	VV	172	3082	0.03%	0.002%
30	4.891	4.880	4.920	VV	150	2380	0.03%	0.001%
31	4.931	4.920	4.968	VV	172	2605	0.03%	0.001%
32	4.978	4.968	4.988	VV	65	752	0.01%	0.000%
33	5.006	4.988	5.087	VV	160	5295	0.06%	0.003%
34	5.101	5.087	5.148	VV	140	3441	0.04%	0.002%
35	5.164	5.148	5.192	VV	177	2691	0.03%	0.001%
36	5.203	5.192	5.207	PV	92	804	0.01%	0.000%

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37	5.222	5.207	5.234	VV	149	1933	0.02%	0.001%
38	5.253	5.234	5.287	VV	181	3412	0.04%	0.002%
39	5.298	5.287	5.307	VV	86	700	0.01%	0.000%
40	5.327	5.307	5.342	VV	120	1531	0.02%	0.001%
41	5.380	5.342	5.515	PV	674	12353	0.13%	0.007%
42	5.525	5.515	5.532	VV	78	536	0.01%	0.000%
43	5.560	5.532	5.573	VV	1186	11955	0.13%	0.006%
44	5.587	5.573	5.654	VV	1940	21829	0.24%	0.012%
45	5.671	5.654	5.709	VV	127	2269	0.02%	0.001%
46	5.719	5.709	5.737	VV	88	940	0.01%	0.001%
47	5.748	5.737	5.770	VV	113	1541	0.02%	0.001%
48	5.791	5.770	5.821	VV	118	2030	0.02%	0.001%
49	5.844	5.821	5.857	VV	118	1386	0.01%	0.001%
50	5.867	5.857	5.888	VV	151	1233	0.01%	0.001%
51	5.921	5.888	5.949	VV	134	2701	0.03%	0.001%
52	5.984	5.949	6.018	PV	139	3128	0.03%	0.002%
53	6.076	6.018	6.088	VV	348	6315	0.07%	0.003%
54	6.118	6.088	6.152	VV	515298	4662519	50.35%	2.518%
55	6.162	6.152	6.187	VV	733	10839	0.12%	0.006%
56	6.202	6.187	6.243	VV	421	9900	0.11%	0.005%
57	6.261	6.243	6.289	VV	444	7975	0.09%	0.004%
58	6.313	6.289	6.331	VV	201	4252	0.05%	0.002%
59	6.389	6.331	6.424	VV	727	17361	0.19%	0.009%
60	6.431	6.424	6.444	VV	249	2546	0.03%	0.001%
61	6.452	6.444	6.513	VV	267	6988	0.08%	0.004%
62	6.546	6.513	6.601	VV	410605	4048077	43.71%	2.186%
63	6.615	6.601	6.642	VV	1189	13285	0.14%	0.007%
64	6.651	6.642	6.664	VV	135	1490	0.02%	0.001%
65	6.694	6.664	6.715	VV	575	6448	0.07%	0.003%
66	6.741	6.715	6.774	VV	188	3553	0.04%	0.002%
67	6.788	6.774	6.814	VV	150	2460	0.03%	0.001%
68	6.837	6.814	6.858	VV	215	3163	0.03%	0.002%
69	6.869	6.858	6.918	VV	164	3521	0.04%	0.002%
70	6.940	6.918	6.952	VV	348	4370	0.05%	0.002%
71	6.964	6.952	6.986	VV	315	4498	0.05%	0.002%
72	7.016	6.986	7.056	VV	4838	47539	0.51%	0.026%
73	7.082	7.056	7.128	VV	11771	115010	1.24%	0.062%
74	7.176	7.128	7.239	VV	443699	4292555	46.35%	2.318%
75	7.248	7.239	7.291	VV	279	5920	0.06%	0.003%
76	7.313	7.291	7.343	VV	1449	19198	0.21%	0.010%
77	7.365	7.343	7.381	VV	2238	26996	0.29%	0.015%
78	7.391	7.381	7.423	VV	1135	14159	0.15%	0.008%
79	7.442	7.423	7.454	VV	974	10233	0.11%	0.006%
80	7.468	7.454	7.491	VV	1152	13245	0.14%	0.007%
81	7.515	7.491	7.524	VV	388	4408	0.05%	0.002%
82	7.538	7.524	7.549	VV	437	4594	0.05%	0.002%
83	7.565	7.549	7.595	VV	396	5386	0.06%	0.003%
84	7.605	7.595	7.613	VV	175	1165	0.01%	0.001%
85	7.649	7.613	7.678	VV	642	9639	0.10%	0.005%
86	7.695	7.678	7.736	VV	260	5373	0.06%	0.003%
87	7.789	7.736	7.837	VV	492539	4663386	50.35%	2.518%
88	7.883	7.837	7.914	VV	518	14249	0.15%	0.008%
89	7.926	7.914	7.979	VV	533	9359	0.10%	0.005%

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90	7.988	7.979	8.017	VV	146	2288	0.02%	0.001%
91	8.038	8.017	8.073	VV	554	7901	0.09%	0.004%
92	8.096	8.073	8.133	VV	375	6285	0.07%	0.003%
93	8.166	8.133	8.187	VV	282	5236	0.06%	0.003%
94	8.206	8.187	8.228	VV	299	5336	0.06%	0.003%
95	8.244	8.228	8.269	VV	388	7945	0.09%	0.004%
96	8.279	8.269	8.291	VV	329	3979	0.04%	0.002%
97	8.345	8.291	8.382	VV	402890	4131234	44.61%	2.231%
98	8.461	8.382	8.501	VV	484068	4797324	51.80%	2.591%
99	8.512	8.501	8.554	VV	266	6375	0.07%	0.003%
100	8.570	8.554	8.594	VV	259	4089	0.04%	0.002%
101	8.659	8.594	8.723	VV	313266	3135753	33.86%	1.693%
102	8.759	8.723	8.795	VV	488116	4856978	52.45%	2.623%
103	8.812	8.795	8.846	VV	480	7631	0.08%	0.004%
104	8.878	8.846	8.905	VV	368	6932	0.07%	0.004%
105	8.916	8.905	8.938	VV	93	1374	0.01%	0.001%
106	8.971	8.938	9.010	VV	183	5676	0.06%	0.003%
107	9.027	9.010	9.043	VV	827	8978	0.10%	0.005%
108	9.061	9.043	9.103	VV	543	11308	0.12%	0.006%
109	9.116	9.103	9.129	VV	170	2016	0.02%	0.001%
110	9.164	9.129	9.190	VV	691	10022	0.11%	0.005%
111	9.206	9.190	9.218	VV	194	2626	0.03%	0.001%
112	9.227	9.218	9.240	VV	131	1441	0.02%	0.001%
113	9.250	9.240	9.284	VV	104	1684	0.02%	0.001%
114	9.317	9.284	9.335	PV	150	2170	0.02%	0.001%
115	9.349	9.335	9.359	VV	176	1670	0.02%	0.001%
116	9.370	9.359	9.382	VV	106	1397	0.02%	0.001%
117	9.422	9.382	9.446	VV	174	4451	0.05%	0.002%
118	9.465	9.446	9.494	VV	264	3408	0.04%	0.002%
119	9.544	9.494	9.574	VV	490818	5027612	54.29%	2.715%
120	9.585	9.574	9.610	VV	765	10418	0.11%	0.006%
121	9.621	9.610	9.628	VV	278	2814	0.03%	0.002%
122	9.634	9.628	9.654	VV	253	3110	0.03%	0.002%
123	9.684	9.668	9.697	VV	524	5902	0.06%	0.003%
124	9.723	9.697	9.736	VV	1946	26371	0.28%	0.014%
125	9.755	9.736	9.790	VV	7941	83529	0.90%	0.045%
126	9.816	9.790	9.867	VV	36726	375337	4.05%	0.203%
127	9.881	9.867	9.908	VV	613	8413	0.09%	0.005%
128	9.947	9.908	10.002	VV	398293	4309329	46.53%	2.327%
129	10.041	10.002	10.071	VV	300	6954	0.08%	0.004%
130	10.079	10.071	10.103	VV	128	1466	0.02%	0.001%
131	10.120	10.103	10.144	VV	152	2408	0.03%	0.001%
132	10.170	10.144	10.183	VV	92	1747	0.02%	0.001%
133	10.193	10.183	10.205	VV	108	1015	0.01%	0.001%
134	10.223	10.205	10.260	PV	201	3289	0.04%	0.002%
135	10.291	10.260	10.315	VV	4451	47049	0.51%	0.025%
136	10.335	10.315	10.374	VV	385	8168	0.09%	0.004%
137	10.385	10.374	10.444	VV	305	7133	0.08%	0.004%
138	10.463	10.444	10.478	VV	275	3470	0.04%	0.002%
139	10.493	10.478	10.520	VV	214	2484	0.03%	0.001%
140	10.587	10.520	10.624	VV	254	9939	0.11%	0.005%
141	10.641	10.624	10.660	VV	372	5477	0.06%	0.003%

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142	10.680	10.660	10.702	VV	834	10106	0.11%	0.005%
143	10.736	10.702	10.811	VV	10293	152898	1.65%	0.083%
144	10.819	10.811	10.831	VV	176	1548	0.02%	0.001%
145	10.835	10.831	10.857	VV	116	989	0.01%	0.001%
146	10.875	10.857	10.888	PV	146	1693	0.02%	0.001%
147	10.950	10.888	10.986	VV	473160	5087885	54.94%	2.748%
148	11.025	10.986	11.077	VV	476366	5048816	54.52%	2.727%
149	11.097	11.077	11.128	VV	852	13060	0.14%	0.007%
150	11.137	11.128	11.151	VV	202	2244	0.02%	0.001%
151	11.192	11.151	11.208	VV	978	13737	0.15%	0.007%
152	11.228	11.208	11.269	VV	3714	39474	0.43%	0.021%
153	11.282	11.269	11.293	VV	126	1544	0.02%	0.001%
154	11.319	11.293	11.351	VV	382	6573	0.07%	0.004%
155	11.391	11.351	11.441	VV	386852	4375633	47.25%	2.363%
156	11.474	11.441	11.516	VV	442	9850	0.11%	0.005%
157	11.550	11.516	11.569	VV	302	4553	0.05%	0.002%
158	11.583	11.569	11.631	VV	286	4131	0.04%	0.002%
159	11.660	11.631	11.681	PV	185	3503	0.04%	0.002%
160	11.714	11.681	11.768	VV	268288	2934150	31.68%	1.585%
161	11.806	11.768	11.824	VV	479	8903	0.10%	0.005%
162	11.843	11.824	11.857	VV	949	10762	0.12%	0.006%
163	11.875	11.857	11.914	VV	1258	20537	0.22%	0.011%
164	11.925	11.914	11.948	VV	465	5866	0.06%	0.003%
165	11.992	11.948	12.014	VV	280	5051	0.05%	0.003%
166	12.052	12.014	12.090	VV	316	8416	0.09%	0.005%
167	12.105	12.090	12.132	VV	238	3929	0.04%	0.002%
168	12.157	12.132	12.204	VV	313	4887	0.05%	0.003%
169	12.216	12.204	12.234	VV	147	1653	0.02%	0.001%
170	12.306	12.234	12.380	VV	22419	292516	3.16%	0.158%
171	12.392	12.380	12.474	VV	1482	54347	0.59%	0.029%
172	12.489	12.474	12.501	VV	692	10476	0.11%	0.006%
173	12.542	12.501	12.604	VV	2428	60233	0.65%	0.033%
174	12.639	12.604	12.668	VV	677	17261	0.19%	0.009%
175	12.704	12.668	12.735	VV	387493	4484628	48.42%	2.422%
176	12.772	12.735	12.844	VV	436475	5182173	55.96%	2.799%
177	12.856	12.844	12.878	VV	232	4096	0.04%	0.002%
178	12.882	12.878	12.891	VV	222	1396	0.02%	0.001%
179	12.908	12.891	12.924	VV	257	4187	0.05%	0.002%
180	12.954	12.924	12.992	VV	5602	68894	0.74%	0.037%
181	13.001	12.992	13.022	VV	327	5475	0.06%	0.003%
182	13.072	13.022	13.101	VV	456659	5072770	54.78%	2.740%
183	13.147	13.101	13.181	VV	194414	2283985	24.66%	1.233%
184	13.190	13.181	13.221	VV	383	7270	0.08%	0.004%
185	13.262	13.221	13.276	VV	474	11577	0.13%	0.006%
186	13.315	13.276	13.394	VV	363275	4293864	46.36%	2.319%
187	13.402	13.394	13.414	VV	280	2894	0.03%	0.002%
188	13.437	13.414	13.462	VV	375	7770	0.08%	0.004%
189	13.505	13.462	13.528	VV	847	20475	0.22%	0.011%
190	13.552	13.528	13.567	VV	717	14833	0.16%	0.008%
191	13.604	13.567	13.645	VV	785	32256	0.35%	0.017%
192	13.655	13.645	13.669	VV	673	9273	0.10%	0.005%
193	13.690	13.669	13.716	VV	878	19919	0.22%	0.011%
194	13.740	13.716	13.783	VV	1079	28904	0.31%	0.016%

					rteres			
195	13.795	13.783	13.825	VV	552	12325	0.13%	0.007%
196	13.850	13.825	13.865	VV	1021	17261	0.19%	0.009%
197	13.902	13.865	14.003	VV	358627	4290655	46.33%	2.317%
198	14.029	14.003	14.053	VV	1522	23960	0.26%	0.013%
199	14.077	14.053	14.096	VV	895	14417	0.16%	0.008%
200	14.124	14.096	14.177	VV	558	22235	0.24%	0.012%
201	14.188	14.177	14.204	VV	493	7407	0.08%	0.004%
202	14.215	14.204	14.239	VV	515	9407	0.10%	0.005%
203	14.256	14.239	14.267	VV	592	8696	0.09%	0.005%
204	14.291	14.267	14.318	VV	1125	24200	0.26%	0.013%
205	14.337	14.318	14.365	VV	956	20124	0.22%	0.011%
206	14.399	14.365	14.429	VV	680	22141	0.24%	0.012%
207	14.471	14.429	14.494	VV	1754	36378	0.39%	0.020%
208	14.520	14.494	14.554	VV	8358	118131	1.28%	0.064%
209	14.563	14.554	14.591	VV	906	17530	0.19%	0.009%
210	14.595	14.591	14.610	VV	801	8189	0.09%	0.004%
211	14.630	14.610	14.658	VV	701	18104	0.20%	0.010%
212	14.684	14.658	14.725	VV	995	29543	0.32%	0.016%
213	14.753	14.725	14.788	VV	738	24502	0.26%	0.013%
214	14.804	14.788	14.813	VV	610	8189	0.09%	0.004%
215	14.853	14.813	14.881	VV	1011	30904	0.33%	0.017%
216	14.954	14.881	14.973	VV	389351	5090031	54.96%	2.749%
217	15.000	14.973	15.121	VV	666654	9261079	100.00%	5.001%
218	15.138	15.121	15.164	VV	774	19534	0.21%	0.011%
219	15.184	15.164	15.286	VV	1887	69557	0.75%	0.038%
220	15.296	15.286	15.324	VV	779	15342	0.17%	0.008%
221	15.380	15.324	15.474	VV	15976	279416	3.02%	0.151%
222	15.481	15.474	15.499	VV	789	10878	0.12%	0.006%
223	15.524	15.499	15.561	VV	1384	36207	0.39%	0.020%
224	15.605	15.561	15.640	VV	2055	47503	0.51%	0.026%
225	15.658	15.640	15.703	VV	581	17903	0.19%	0.010%
226	15.710	15.703	15.737	VV	502	9155	0.10%	0.005%
227	15.767	15.737	15.834	VV	541	27676	0.30%	0.015%
228	15.860	15.834	15.880	VV	1382	22188	0.24%	0.012%
229	15.904	15.880	15.971	VV	789	28858	0.31%	0.016%
230	16.030	15.971	16.073	VV	336741	4249345	45.88%	2.295%
231	16.090	16.073	16.121	VV	481	10479	0.11%	0.006%
232	16.134	16.121	16.180	VV	314	8717	0.09%	0.005%
233	16.198	16.180	16.214	VV	567	7790	0.08%	0.004%
234	16.234	16.214	16.294	VV	1035	19145	0.21%	0.010%
235	16.331	16.294	16.348	VV	311	6654	0.07%	0.004%
236	16.396	16.348	16.448	VV	3905	70379	0.76%	0.038%
237	16.514	16.448	16.529	VV	364874	5249750	56.69%	2.835%
238	16.549	16.529	16.578	VV	434546	5190057	56.04%	2.803%
239	16.592	16.578	16.630	VV	1499	27236	0.29%	0.015%
240	16.643	16.630	16.674	VV	408	9953	0.11%	0.005%
241	16.691	16.674	16.724	VV	387	9743	0.11%	0.005%
242	16.757	16.724	16.801	VV	2782	44624	0.48%	0.024%
243	16.838	16.801	16.844	VV	344	7229	0.08%	0.004%
244	16.896	16.844	16.932	VV	394518	5061230	54.65%	2.733%
245	16.980	16.932	17.018	VV	331634	4335399	46.81%	2.341%
246	17.029	17.018	17.044	VV	585	7764	0.08%	0.004%

					rteres			
247	17.054	17.044	17.124	VV	607	11977	0.13%	0.006%
248	17.179	17.124	17.216	PV	188	4467	0.05%	0.002%
249	17.226	17.216	17.291	VV	137	3558	0.04%	0.002%
250	17.342	17.291	17.388	VV	1248	25363	0.27%	0.014%
251	17.427	17.388	17.484	VV	1868	32308	0.35%	0.017%
252	17.514	17.484	17.568	PV	417	8798	0.09%	0.005%
253	17.587	17.568	17.631	VV	173	3742	0.04%	0.002%
254	17.649	17.631	17.686	VV	150	2556	0.03%	0.001%
255	17.759	17.686	17.789	PV	3530	54552	0.59%	0.029%
256	17.871	17.789	17.928	VV	315524	4351310	46.98%	2.350%
257	17.957	17.928	17.989	VV	1024	14863	0.16%	0.008%
258	18.054	17.989	18.068	PV	121	3317	0.04%	0.002%
259	18.111	18.068	18.173	VV	444	7344	0.08%	0.004%
260	18.271	18.173	18.286	PV	363290	5562794	60.07%	3.004%
261	18.309	18.286	18.364	VV	349355	4990915	53.89%	2.695%
262	18.381	18.364	18.454	VV	793	24993	0.27%	0.013%
263	18.464	18.454	18.473	VV	262	2520	0.03%	0.001%
264	18.530	18.473	18.620	VV	354067	5085305	54.91%	2.746%
265	18.642	18.620	18.658	VV	518	8684	0.09%	0.005%
266	18.704	18.658	18.754	VV	295650	4350702	46.98%	2.350%
267	18.788	18.754	18.848	VV	1146	32123	0.35%	0.017%
268	18.859	18.848	18.928	VV	554	11678	0.13%	0.006%
269	18.980	18.928	19.021	VV	425	11598	0.13%	0.006%
270	19.052	19.021	19.081	VV	4712	89275	0.96%	0.048%
271	19.099	19.081	19.157	VV	2380	58223	0.63%	0.031%
272	19.185	19.157	19.219	VV	611	18200	0.20%	0.010%
273	19.266	19.219	19.278	VV	536	16187	0.17%	0.009%
274	19.288	19.278	19.318	VV	473	9811	0.11%	0.005%
275	19.351	19.318	19.372	VV	637	14290	0.15%	0.008%
276	19.399	19.372	19.428	VV	522	13597	0.15%	0.007%
277	19.488	19.428	19.533	VV	296737	4436297	47.90%	2.396%
278	19.563	19.533	19.573	VV	939	18587	0.20%	0.010%
279	19.592	19.573	19.623	VV	1180	26241	0.28%	0.014%
280	19.663	19.623	19.694	VV	1144	36561	0.39%	0.020%
281	19.775	19.694	19.801	VV	1168	53335	0.58%	0.029%
282	19.859	19.801	19.911	VV	2518	105076	1.13%	0.057%
283	19.913	19.911	19.930	VV	1150	11658	0.13%	0.006%
284	19.961	19.930	19.980	VV	1294	34213	0.37%	0.018%
285	20.025	19.980	20.051	VV	1532	54823	0.59%	0.030%
286	20.089	20.051	20.111	VV	2198	63966	0.69%	0.035%
287	20.133	20.111	20.165	VV	2792	69821	0.75%	0.038%
288	20.229	20.165	20.294	VV	291011	4401393	47.53%	2.377%
289	20.309	20.294	20.314	VV	1896	21108	0.23%	0.011%
290	20.367	20.314	20.434	VV	4428	180454	1.95%	0.097%
291	20.471	20.434	20.493	VV	2324	73762	0.80%	0.040%
292	20.576	20.493	20.738	VV	5708	485253	5.24%	0.262%
293	20.784	20.738	20.948	VV	2044	228402	2.47%	0.123%
294	21.006	20.948	21.105	VV	234191	4386405	47.36%	2.369%
295	21.113	21.105	21.144	VV	1590	34662	0.37%	0.019%
296	21.153	21.144	21.294	VV	1464	113770	1.23%	0.061%
297	21.323	21.294	21.421	VV	1159	79688	0.86%	0.043%
298	21.456	21.421	21.546	VV	1438	76444	0.83%	0.041%
299	21.564	21.546	21.572	VV	782	11725	0.13%	0.006%

					rteres			
300	21.584	21.572	21.611	VV	782	17314	0.19%	0.009%
301	21.614	21.611	21.663	VV	738	20243	0.22%	0.011%
302	21.682	21.663	21.711	VV	692	17838	0.19%	0.010%
303	21.718	21.711	21.767	VV	645	17395	0.19%	0.009%
304	21.804	21.767	21.891	VV	609	32913	0.36%	0.018%
305	21.902	21.891	21.911	VV	348	3521	0.04%	0.002%
306	21.983	21.911	22.081	VV	170572	4220659	45.57%	2.279%
307	22.090	22.081	22.099	VV	181	1317	0.01%	0.001%
308	22.106	22.099	22.113	VV	143	717	0.01%	0.000%
309	22.124	22.113	22.151	VV	111	1328	0.01%	0.001%
Sum of corrected areas:					185167346			

Aliphatic EPH 040925.M Mon May 05 12:00:54 2025



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

Manual Integration Report

Sequence:

FC040925AL

Instrument

FID_c

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason



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

Manual Integration Report

Sequence:	FC050225AL	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	FC068748.D	n-Octatriacontane (C38)	yogesh	5/5/2025 11:56:48 AM	mohammad	5/6/2025 4:46:17	Peak Integrated by Software

Manual Integration Report

Sequence:

FC050525AL

Instrument

FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1937-02	FC068770.D	1-chlorooctadecane (SURR)	yogesh	5/6/2025 9:19:48 AM	mohammad	5/7/2025 6:08:25	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC068778.D	n-Octadecane (C18)	yogesh	5/6/2025 9:19:50 AM	mohammad	5/7/2025 6:08:25	Peak Integrated by Software



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

Manual Integration Report

Sequence:

FE041725AL

Instrument

FID_e

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:

FE050225AL

Instrument

FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FE053618.D	n-Tetracontane (C40)	yogesh	5/5/2025 8:40:13 AM	mohammad	5/6/2025 4:47:23	Peak Integrated by Software
Q1932-03	FE053620.D	ortho-Terphenyl (SURR)	yogesh	5/5/2025 8:40:15 AM	mohammad	5/6/2025 4:47:49	Peak Integrated by Software
Q1932-05	FE053621.D	ortho-Terphenyl (SURR)	yogesh	5/5/2025 8:40:16 AM	mohammad	5/6/2025 4:47:30	Peak Integrated by Software
Q1933-02	FE053624.D	ortho-Terphenyl (SURR)	yogesh	5/5/2025 8:40:18 AM	mohammad	5/6/2025 4:47:32	Peak Integrated by Software
Q1935-06	FE053628.D	ortho-Terphenyl (SURR)	yogesh	5/5/2025 8:40:19 AM	mohammad	5/6/2025 4:47:35	Peak Integrated by Software

Manual Integration Report

Sequence:

FE050525AL

Instrument

FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FE053636.D	n-Octatriacontane (C38)	yogesh	5/6/2025 8:03:06 AM	mohammad	5/7/2025 6:08:32	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE053636.D	n-Tetracontane (C40)	yogesh	5/6/2025 8:03:06 AM	mohammad	5/7/2025 6:08:32	Peak Integrated by Software
Q1932-03DL	FE053638.D	ortho-Terphenyl (SURR)	yogesh	5/6/2025 8:03:08 AM	mohammad	5/7/2025 6:08:32	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE053658.D	n-Tetracontane (C40)	yogesh	5/6/2025 8:03:10 AM	mohammad	5/7/2025 6:08:32	Peak Integrated by Software

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC040925AL

Review By	yogesh	Review On	4/8/2025 3:04:36 PM
Supervise By	mohammad	Supervise On	4/10/2025 5:31:03 AM
SubDirectory	FC040925AL	HP Acquire Method	HP Processing Method FC040925AL
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	FC068513.D	08 Apr 2025 13:05	YP/AJ	Ok
2	I.BLK	FC068514.D	08 Apr 2025 13:42	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC068515.D	08 Apr 2025 14:19	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC068516.D	08 Apr 2025 14:56	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC068517.D	08 Apr 2025 15:34	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC068518.D	08 Apr 2025 16:12	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC068519.D	08 Apr 2025 16:48	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC068520.D	08 Apr 2025 17:26	YP/AJ	Ok
9	I.BLK	FC068521.D	08 Apr 2025 18:41	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC068522.D	08 Apr 2025 19:18	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC050225AL

Review By	yogesh	Review On	5/2/2025 10:00:15 AM
Supervise By	mohammad	Supervise On	5/6/2025 4:46:28 AM
SubDirectory	FC050225AL	HP Acquire Method	HP Processing Method FC040925AL
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	FC068740.D	02 May 2025 09:42	YP/AJ	Ok
2	I.BLK	FC068741.D	02 May 2025 10:17	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC068742.D	02 May 2025 10:53	YP/AJ	Ok
4	PB167840BL	FC068743.D	02 May 2025 11:36	YP/AJ	Ok
5	PB167840BS	FC068744.D	02 May 2025 13:26	YP/AJ	Ok
6	PB167840BSD	FC068745.D	02 May 2025 14:03	YP/AJ	Ok
7	Q1901-06	FC068746.D	02 May 2025 14:40	YP/AJ	Ok
8	I.BLK	FC068747.D	02 May 2025 15:18	YP/AJ	Ok
9	20 PPM ALIPHATIC HC STD	FC068748.D	02 May 2025 15:56	YP/AJ	Ok,M
10	PB167833BL	FC068749.D	02 May 2025 16:33	YP/AJ	Ok
11	PB167833BS	FC068750.D	02 May 2025 17:11	YP/AJ	Ok
12	PB167833BSD	FC068751.D	02 May 2025 17:49	YP/AJ	Ok
13	Q1928-01	FC068752.D	02 May 2025 18:27	YP/AJ	Ok
14	Q1928-01D	FC068753.D	02 May 2025 19:05	YP/AJ	Ok
15	Q1928-01MS	FC068754.D	02 May 2025 19:42	YP/AJ	Ok
16	Q1928-01MSD	FC068755.D	02 May 2025 20:19	YP/AJ	Ok
17	Q1928-02	FC068756.D	02 May 2025 20:57	YP/AJ	ReRun
18	I.BLK	FC068757.D	02 May 2025 22:11	YP/AJ	Ok
19	20 PPM ALIPHATIC HC STD	FC068758.D	02 May 2025 22:47	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC050525AL

Review By	yogesh	Review On	5/5/2025 11:42:23 AM
Supervise By	mohammad	Supervise On	5/7/2025 6:08:25 AM
SubDirectory	FC050525AL	HP Acquire Method	HP Processing Method FC040925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24176 PP24174,PP24179		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC068759.D	05 May 2025 08:59	YP/AJ	Ok
2	I.BLK	FC068760.D	05 May 2025 09:35	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC068761.D	05 May 2025 10:11	YP/AJ	Ok
4	Q1935-02	FC068762.D	05 May 2025 10:48	YP/AJ	Ok
5	Q1928-02	FC068763.D	05 May 2025 11:24	YP/AJ	Ok
6	Q1939-01	FC068764.D	05 May 2025 12:00	YP/AJ	Ok
7	I.BLK	FC068765.D	05 May 2025 12:36	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD	FC068766.D	05 May 2025 13:13	YP/AJ	Ok
9	PB167855BL	FC068767.D	05 May 2025 13:49	YP/AJ	Ok
10	PB167855BS	FC068768.D	05 May 2025 14:26	YP/AJ	Ok
11	PB167855BSD	FC068769.D	05 May 2025 15:02	YP/AJ	Ok
12	Q1937-02	FC068770.D	05 May 2025 15:38	YP/AJ	Ok,M
13	Q1937-02D	FC068771.D	05 May 2025 16:15	YP/AJ	Ok
14	Q1937-02MS	FC068772.D	05 May 2025 16:51	YP/AJ	Ok
15	Q1937-02MSD	FC068773.D	05 May 2025 17:27	YP/AJ	Ok
16	Q1937-04	FC068774.D	05 May 2025 18:04	YP/AJ	Ok
17	Q1937-06	FC068775.D	05 May 2025 18:40	YP/AJ	Ok
18	Q1937-08	FC068776.D	05 May 2025 19:17	YP/AJ	Ok
19	I.BLK	FC068777.D	05 May 2025 20:30	YP/AJ	Ok
20	20 PPM ALIPHATIC HC STD	FC068778.D	05 May 2025 21:06	YP/AJ	Ok,M

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE041725AL

Review By	yogesh	Review On	4/16/2025 2:56:14 PM
Supervise By	mohammad	Supervise On	4/18/2025 1:20:00 AM
SubDirectory	FE041725AL	HP Acquire Method	HP Processing Method FE041725AL
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	FE053385.D	16 Apr 2025 14:34	YP\AJ	Ok
2	I.BLK	FE053386.D	16 Apr 2025 15:04	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE053387.D	16 Apr 2025 15:35	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE053388.D	16 Apr 2025 16:35	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FE053389.D	16 Apr 2025 17:05	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE053390.D	16 Apr 2025 17:36	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE053391.D	16 Apr 2025 18:06	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FE053392.D	16 Apr 2025 18:36	YP\AJ	Ok
9	I.BLK	FE053393.D	16 Apr 2025 19:36	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE053394.D	16 Apr 2025 20:06	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE050225AL

Review By	yogesh	Review On	5/2/2025 10:03:08 AM
Supervise By	mohammad	Supervise On	5/6/2025 4:48:01 AM
SubDirectory	FE050225AL	HP Acquire Method	HP Processing Method FE041725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24176 PP24174,PP24179		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE053616.D	02 May 2025 08:40	YP\AJ	Ok
2	I.BLK	FE053617.D	02 May 2025 09:10	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE053618.D	02 May 2025 10:11	YP\AJ	Ok,M
4	Q1932-01	FE053619.D	02 May 2025 13:52	YP\AJ	Ok
5	Q1932-03	FE053620.D	02 May 2025 14:22	YP\AJ	Dilution
6	Q1932-05	FE053621.D	02 May 2025 14:53	YP\AJ	Ok,M
7	Q1932-07	FE053622.D	02 May 2025 15:23	YP\AJ	Ok
8	Q1933-01	FE053623.D	02 May 2025 15:53	YP\AJ	Ok
9	Q1933-02	FE053624.D	02 May 2025 16:23	YP\AJ	Ok,M
10	Q1935-01	FE053625.D	02 May 2025 16:53	YP\AJ	Ok
11	Q1935-02	FE053626.D	02 May 2025 17:24	YP\AJ	ReRun
12	Q1935-05	FE053627.D	02 May 2025 17:54	YP\AJ	Ok
13	Q1935-06	FE053628.D	02 May 2025 18:24	YP\AJ	Ok,M
14	Q1939-01	FE053629.D	02 May 2025 18:54	YP\AJ	ReRun
15	Q1939-03	FE053630.D	02 May 2025 19:24	YP\AJ	Ok
16	Q1939-05	FE053631.D	02 May 2025 19:55	YP\AJ	ReRun
17	I.BLK	FE053632.D	02 May 2025 20:55	YP\AJ	Ok
18	20 PPM ALIPHATIC HC STD	FE053633.D	02 May 2025 21:25	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE050525AL

Review By	yogesh	Review On	5/5/2025 11:43:54 AM
Supervise By	mohammad	Supervise On	5/7/2025 6:08:32 AM
SubDirectory	FE050525AL	HP Acquire Method	HP Processing Method FE041725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24176 PP24174,PP24179		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE053634.D	05 May 2025 09:10	YP\AJ	Ok
2	I.BLK	FE053635.D	05 May 2025 09:40	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE053636.D	05 May 2025 11:14	YP\AJ	Ok,M
4	Q1939-05	FE053637.D	05 May 2025 11:44	YP\AJ	Ok
5	Q1932-03DL	FE053638.D	05 May 2025 12:14	YP\AJ	Not Ok
6	I.BLK	FE053639.D	05 May 2025 13:14	YP\AJ	Ok
7	20 PPM ALIPHATIC HC STD	FE053640.D	05 May 2025 13:44	YP\AJ	Ok
8	Q1936-02	FE053641.D	05 May 2025 14:14	YP\AJ	Ok
9	Q1936-04	FE053642.D	05 May 2025 14:45	YP\AJ	Ok
10	Q1936-06	FE053643.D	05 May 2025 15:14	YP\AJ	Ok
11	Q1936-08	FE053644.D	05 May 2025 15:45	YP\AJ	Ok
12	Q1937-10	FE053645.D	05 May 2025 16:15	YP\AJ	Ok
13	Q1937-12	FE053646.D	05 May 2025 16:45	YP\AJ	Ok
14	Q1938-02	FE053647.D	05 May 2025 17:16	YP\AJ	Ok
15	Q1938-04	FE053648.D	05 May 2025 17:46	YP\AJ	Ok
16	Q1938-06	FE053649.D	05 May 2025 18:16	YP\AJ	Ok
17	Q1938-08	FE053650.D	05 May 2025 18:46	YP\AJ	Ok
18	Q1946-01	FE053651.D	05 May 2025 19:16	YP\AJ	Ok
19	Q1946-02	FE053652.D	05 May 2025 19:46	YP\AJ	Ok
20	Q1947-01	FE053653.D	05 May 2025 20:16	YP\AJ	Ok
21	Q1947-02	FE053654.D	05 May 2025 20:47	YP\AJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE050525AL

Review By	yogesh	Review On	5/5/2025 11:43:54 AM
Supervise By	mohammad	Supervise On	5/7/2025 6:08:32 AM
SubDirectory	FE050525AL	HP Acquire Method	HP Processing Method FE041725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

22	Q1947-05	FE053655.D	05 May 2025 21:17	YP\AJ	Ok
23	Q1947-06	FE053656.D	05 May 2025 21:47	YP\AJ	Ok
24	I.BLK	FE053657.D	05 May 2025 22:47	YP\AJ	Ok
25	20 PPM ALIPHATIC HC STD	FE053658.D	05 May 2025 23:18	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC040925AL

Review By	yogesh	Review On	4/8/2025 3:04:36 PM
Supervise By	mohammad	Supervise On	4/10/2025 5:31:03 AM
SubDirectory	FC040925AL	HP Acquire Method	HP Processing Method FC040925AL
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	FC068513.D	08 Apr 2025 13:05		YP/AJ	Ok
2	I.BLK	I.BLK	FC068514.D	08 Apr 2025 13:42		YP/AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FC068515.D	08 Apr 2025 14:19		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC068516.D	08 Apr 2025 14:56		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068517.D	08 Apr 2025 15:34		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC068518.D	08 Apr 2025 16:12		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC068519.D	08 Apr 2025 16:48		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068520.D	08 Apr 2025 17:26		YP/AJ	Ok
9	I.BLK	I.BLK	FC068521.D	08 Apr 2025 18:41		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068522.D	08 Apr 2025 19:18		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC050225AL

Review By	yogesh	Review On	5/2/2025 10:00:15 AM
Supervise By	mohammad	Supervise On	5/6/2025 4:46:28 AM
SubDirectory	FC050225AL	HP Acquire Method	HP Processing Method FC040925AL
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	FC068740.D	02 May 2025 09:42		YP/AJ	Ok
2	I.BLK	I.BLK	FC068741.D	02 May 2025 10:17		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068742.D	02 May 2025 10:53		YP/AJ	Ok
4	PB167840BL	PB167840BL	FC068743.D	02 May 2025 11:36		YP/AJ	Ok
5	PB167840BS	PB167840BS	FC068744.D	02 May 2025 13:26	naphthalene break down - 0.194, 2-methylnephthalene break down - 0.352	YP/AJ	Ok
6	PB167840BSD	PB167840BSD	FC068745.D	02 May 2025 14:03	naphthalene break down - 0.194, 2-methylnephthalene break down - 0.331	YP/AJ	Ok
7	Q1901-06	FB04262025	FC068746.D	02 May 2025 14:40		YP/AJ	Ok
8	I.BLK	I.BLK	FC068747.D	02 May 2025 15:18		YP/AJ	Ok
9	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068748.D	02 May 2025 15:56		YP/AJ	Ok,M
10	PB167833BL	PB167833BL	FC068749.D	02 May 2025 16:33		YP/AJ	Ok
11	PB167833BS	PB167833BS	FC068750.D	02 May 2025 17:11		YP/AJ	Ok
12	PB167833BSD	PB167833BSD	FC068751.D	02 May 2025 17:49		YP/AJ	Ok
13	Q1928-01	MH-Q	FC068752.D	02 May 2025 18:27		YP/AJ	Ok
14	Q1928-01D	Q1928-01D	FC068753.D	02 May 2025 19:05		YP/AJ	Ok
15	Q1928-01MS	MH-QMS	FC068754.D	02 May 2025 19:42	FC068752.D	YP/AJ	Ok
16	Q1928-01MSD	MH-QMSD	FC068755.D	02 May 2025 20:19	FC068752.D!FC068754.D	YP/AJ	Ok

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC050225AL

Review By	yogesh	Review On	5/2/2025 10:00:15 AM
Supervise By	mohammad	Supervise On	5/6/2025 4:46:28 AM
SubDirectory	FC050225AL	HP Acquire Method	HP Processing Method FC040925AL
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			

17	Q1928-02	MH-Q-EPH	FC068756.D	02 May 2025 20:57	Surrogate Fail	YP/AJ	ReRun
18	I.BLK	I.BLK	FC068757.D	02 May 2025 22:11		YP/AJ	Ok
19	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068758.D	02 May 2025 22:47		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC050525AL

Review By	yogesh	Review On	5/5/2025 11:42:23 AM
Supervise By	mohammad	Supervise On	5/7/2025 6:08:25 AM
SubDirectory	FC050525AL	HP Acquire Method	HP Processing Method FC040925AL
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	FC068759.D	05 May 2025 08:59		YP/AJ	Ok
2	I.BLK	I.BLK	FC068760.D	05 May 2025 09:35		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068761.D	05 May 2025 10:11		YP/AJ	Ok
4	Q1935-02	MH-NN-EPH	FC068762.D	05 May 2025 10:48		YP/AJ	Ok
5	Q1928-02	MH-Q-EPH	FC068763.D	05 May 2025 11:24		YP/AJ	Ok
6	Q1939-01	GB1	FC068764.D	05 May 2025 12:00		YP/AJ	Ok
7	I.BLK	I.BLK	FC068765.D	05 May 2025 12:36		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068766.D	05 May 2025 13:13		YP/AJ	Ok
9	PB167855BL	PB167855BL	FC068767.D	05 May 2025 13:49		YP/AJ	Ok
10	PB167855BS	PB167855BS	FC068768.D	05 May 2025 14:26		YP/AJ	Ok
11	PB167855BSD	PB167855BSD	FC068769.D	05 May 2025 15:02		YP/AJ	Ok
12	Q1937-02	LARGE-PILE-A	FC068770.D	05 May 2025 15:38		YP/AJ	Ok,M
13	Q1937-02D	Q1937-02D	FC068771.D	05 May 2025 16:15		YP/AJ	Ok
14	Q1937-02MS	LARGE-PILE-AMS	FC068772.D	05 May 2025 16:51	FC068770.D	YP/AJ	Ok
15	Q1937-02MSD	LARGE-PILE-AMSD	FC068773.D	05 May 2025 17:27	FC068770.D!FC068772.D	YP/AJ	Ok
16	Q1937-04	LARGE-PILE-B	FC068774.D	05 May 2025 18:04		YP/AJ	Ok
17	Q1937-06	LARGE-PILE-C	FC068775.D	05 May 2025 18:40		YP/AJ	Ok
18	Q1937-08	LARGE-PILE-D	FC068776.D	05 May 2025 19:17		YP/AJ	Ok

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC050525AL

Review By	yogesh	Review On	5/5/2025 11:42:23 AM
Supervise By	mohammad	Supervise On	5/7/2025 6:08:25 AM
SubDirectory	FC050525AL	HP Acquire Method	HP Processing Method FC040925AL
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	I.BLK	I.BLK	FC068777.D	05 May 2025 20:30		YP/AJ	Ok
20	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC068778.D	05 May 2025 21:06		YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE041725AL

Review By	yogesh	Review On	4/16/2025 2:56:14 PM
Supervise By	mohammad	Supervise On	4/18/2025 1:20:00 AM
SubDirectory	FE041725AL	HP Acquire Method	HP Processing Method FE041725AL
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	FE053385.D	16 Apr 2025 14:34		YP\AJ	Ok
2	I.BLK	I.BLK	FE053386.D	16 Apr 2025 15:04		YP\AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FE053387.D	16 Apr 2025 15:35		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE053388.D	16 Apr 2025 16:35		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053389.D	16 Apr 2025 17:05		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE053390.D	16 Apr 2025 17:36		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE053391.D	16 Apr 2025 18:06		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053392.D	16 Apr 2025 18:36		YP\AJ	Ok
9	I.BLK	I.BLK	FE053393.D	16 Apr 2025 19:36		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053394.D	16 Apr 2025 20:06		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE050225AL

Review By	yogesh	Review On	5/2/2025 10:03:08 AM
Supervise By	mohammad	Supervise On	5/6/2025 4:48:01 AM
SubDirectory	FE050225AL	HP Acquire Method	HP Processing Method FE041725AL
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	FE053616.D	02 May 2025 08:40		YP\AJ	Ok
2	I.BLK	I.BLK	FE053617.D	02 May 2025 09:10		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053618.D	02 May 2025 10:11		YP\AJ	Ok,M
4	Q1932-01	COMP-4	FE053619.D	02 May 2025 13:52		YP\AJ	Ok
5	Q1932-03	COMP-5	FE053620.D	02 May 2025 14:22	need 5x dilution	YP\AJ	Dilution
6	Q1932-05	COMP-6	FE053621.D	02 May 2025 14:53		YP\AJ	Ok,M
7	Q1932-07	COMP-7	FE053622.D	02 May 2025 15:23		YP\AJ	Ok
8	Q1933-01	OK-01-050125	FE053623.D	02 May 2025 15:53		YP\AJ	Ok
9	Q1933-02	OK-01-050125-E2	FE053624.D	02 May 2025 16:23		YP\AJ	Ok,M
10	Q1935-01	MH-NN	FE053625.D	02 May 2025 16:53		YP\AJ	Ok
11	Q1935-02	MH-NN-EPH	FE053626.D	02 May 2025 17:24	Surr Fail	YP\AJ	ReRun
12	Q1935-05	MH-MM	FE053627.D	02 May 2025 17:54		YP\AJ	Ok
13	Q1935-06	MH-MM-EPH	FE053628.D	02 May 2025 18:24		YP\AJ	Ok,M
14	Q1939-01	Q1939-01	FE053629.D	02 May 2025 18:54	Surr Fail	YP\AJ	ReRun
15	Q1939-03	GB2	FE053630.D	02 May 2025 19:24		YP\AJ	Ok
16	Q1939-05	Q1939-05	FE053631.D	02 May 2025 19:55	Surr Fail	YP\AJ	ReRun
17	I.BLK	I.BLK	FE053632.D	02 May 2025 20:55		YP\AJ	Ok
18	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053633.D	02 May 2025 21:25		YP\AJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE050225AL

Review By	yogesh	Review On	5/2/2025 10:03:08 AM
Supervise By	mohammad	Supervise On	5/6/2025 4:48:01 AM
SubDirectory	FE050225AL	HP Acquire Method	HP Processing Method FE041725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC	PP24176		
Internal Standard/PEM			
ICV/I.BLK	PP24174,PP24179		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE050525AL

Review By	yogesh	Review On	5/5/2025 11:43:54 AM
Supervise By	mohammad	Supervise On	5/7/2025 6:08:32 AM
SubDirectory	FE050525AL	HP Acquire Method	HP Processing Method FE041725AL
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	FE053634.D	05 May 2025 09:10		YP\AJ	Ok
2	I.BLK	I.BLK	FE053635.D	05 May 2025 09:40		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053636.D	05 May 2025 11:14		YP\AJ	Ok,M
4	Q1939-05	GB3	FE053637.D	05 May 2025 11:44		YP\AJ	Ok
5	Q1932-03DL	COMP-5DL	FE053638.D	05 May 2025 12:14	Look like original	YP\AJ	Not Ok
6	I.BLK	I.BLK	FE053639.D	05 May 2025 13:14		YP\AJ	Ok
7	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053640.D	05 May 2025 13:44		YP\AJ	Ok
8	Q1936-02	SMALL-PILE-A	FE053641.D	05 May 2025 14:14		YP\AJ	Ok
9	Q1936-04	SMALL-PILE-B	FE053642.D	05 May 2025 14:45		YP\AJ	Ok
10	Q1936-06	SMALL-PILE-C	FE053643.D	05 May 2025 15:14		YP\AJ	Ok
11	Q1936-08	SMALL-PILE-D	FE053644.D	05 May 2025 15:45		YP\AJ	Ok
12	Q1937-10	LARGE-PILE-E	FE053645.D	05 May 2025 16:15		YP\AJ	Ok
13	Q1937-12	LARGE-PILE-F	FE053646.D	05 May 2025 16:45		YP\AJ	Ok
14	Q1938-02	LOWER-WALL-PILE-A	FE053647.D	05 May 2025 17:16		YP\AJ	Ok
15	Q1938-04	LOWER-WALL-PILE-B	FE053648.D	05 May 2025 17:46		YP\AJ	Ok
16	Q1938-06	LOWER-WALL-PILE-C	FE053649.D	05 May 2025 18:16		YP\AJ	Ok
17	Q1938-08	LOWER-WALL-PILE-D	FE053650.D	05 May 2025 18:46		YP\AJ	Ok
18	Q1946-01	BB-CONCRETE	FE053651.D	05 May 2025 19:16		YP\AJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE050525AL

Review By	yogesh	Review On	5/5/2025 11:43:54 AM
Supervise By	mohammad	Supervise On	5/7/2025 6:08:32 AM
SubDirectory	FE050525AL	HP Acquire Method	HP Processing Method FE041725AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

19	Q1946-02	BB-CONCRETE	FE053652.D	05 May 2025 19:46		YP\AJ	Ok
20	Q1947-01	MH-P	FE053653.D	05 May 2025 20:16		YP\AJ	Ok
21	Q1947-02	MH-P-EPH	FE053654.D	05 May 2025 20:47		YP\AJ	Ok
22	Q1947-05	MH-O	FE053655.D	05 May 2025 21:17		YP\AJ	Ok
23	Q1947-06	MH-O-EPH	FE053656.D	05 May 2025 21:47		YP\AJ	Ok
24	I.BLK	I.BLK	FE053657.D	05 May 2025 22:47		YP\AJ	Ok
25	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053658.D	05 May 2025 23:18		YP\AJ	Ok,M

M : Manual Integration

SOP ID: MNJDEP-EPH-7

Clean Up SOP #: N/A

Matrix : Solid

Welgh By: EH **Extraction By:** RS

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

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

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

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

Extraction Start Date : 05/02/2025

Extraction Start Time : 09:15

Extraction End Date : 05/02/2025

Extraction End Time : 13:15

Concentration By: EH

Supervisor By : RUPESH

Standarded 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	PP24465
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	EP2600
Baked Na2SO4	N/A	EP2607
Sand	N/A	E2865
Hexane	N/A	E3928
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

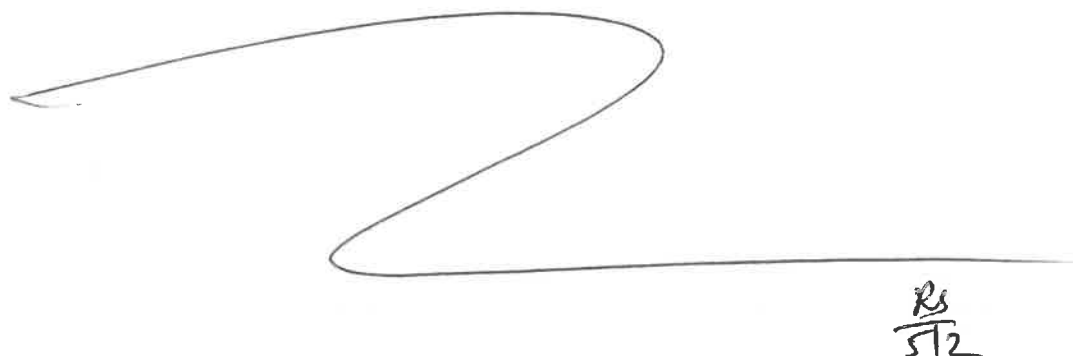
KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
<u>5/2/25</u>	<u>RS (E4-Lab)</u>	<u>Y-P.pestHPCD.</u>
<u>13:20</u>	Preparation Group	Analysis Group

Analytical Method: MNJDEP-EPH-7

Concentration Date: 05/02/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167833BL	PB167833BL	EPH_NF	30.01	N/A	RUPESH	Evelyn	2			U1-1
PB167833BS	PB167833BS	EPH_NF	30.02	N/A	RUPESH	Evelyn	2			2
PB167833BSD	PB167833BSD	EPH_NF	30.02	N/A	RUPESH	Evelyn	2			3
Q1928-01	MH-Q	EPH_NF	30.06	N/A	RUPESH	Evelyn	2	E		4
Q1928-01DUP	MH-QDUP	EPH_NF	30.05	N/A	RUPESH	Evelyn	2	E		5
Q1928-01MS	MH-QMS	EPH_NF	30.03	N/A	RUPESH	Evelyn	2	E		6
Q1928-01MSD	MH-QMSD	EPH_NF	30.08	N/A	RUPESH	Evelyn	2	E		U2-1
Q1928-02	MH-Q-EPH	EPH_NF	30.02	N/A	RUPESH	Evelyn	2			2
Q1932-01	COMP-4	EPH_NF	30.04	N/A	RUPESH	Evelyn	2	F		3
Q1932-03	COMP-5	EPH_NF	30.01	N/A	RUPESH	Evelyn	2	E		4
Q1932-05	COMP-6	EPH_NF	30.07	N/A	RUPESH	Evelyn	2	F		5
Q1932-07	COMP-7	EPH_NF	30.03	N/A	RUPESH	Evelyn	2	F		6
Q1933-01	OK-01-050125	EPH_NF	30.02	N/A	RUPESH	Evelyn	2	E		U3-1
Q1933-02	OK-01-050125-E2	EPH_NF	30.05	N/A	RUPESH	Evelyn	2			2
Q1935-01	MH-NN	EPH_NF	30.05	N/A	RUPESH	Evelyn	2	D		3
Q1935-02	MH-NN-EPH	EPH_NF	30.06	N/A	RUPESH	Evelyn	2			4
Q1935-05	MH-MM	EPH_NF	30.02	N/A	RUPESH	Evelyn	2	D		5
Q1935-06	MH-MM-EPH	EPH_NF	30.01	N/A	RUPESH	Evelyn	2			6
Q1939-01	GB1	EPH_NF	30.03	N/A	RUPESH	Evelyn	2	E		U6-1
Q1939-03	GB2	EPH_NF	30.07	N/A	RUPESH	Evelyn	2	E		2
Q1939-05	GB3	EPH_NF	30.04	N/A	RUPESH	Evelyn	2	E		3



162823
9:15

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1933 WorkList ID : 189283 Department : Extraction Date : 05-02-2025 08:45:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1928-01	MH-Q	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/01/2025	NJEPH
Q1928-02	MH-Q-EPH	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/01/2025	NJEPH
Q1932-01	COMP-4	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/01/2025	NJEPH
Q1932-03	COMP-5	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/01/2025	NJEPH
Q1932-05	COMP-6	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/01/2025	NJEPH
Q1932-07	COMP-7	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/01/2025	NJEPH
Q1933-01	OK-01-050125	Solid	EPH_NF	Cool 4 deg C	PSEG05	L31	05/01/2025	NJEPH
Q1933-02	OK-01-050125-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	L31	05/01/2025	NJEPH
Q1935-01	MH-NN	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/01/2025	NJEPH
Q1935-02	MH-NN-EPH	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/01/2025	NJEPH
Q1935-05	MH-MM	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/01/2025	NJEPH
Q1935-06	MH-MM-EPH	Solid	EPH_NF	Cool 4 deg C	PSEG03	L41	05/01/2025	NJEPH
Q1939-01	GB1	Solid	EPH_NF	Cool 4 deg C	GENV01	L51	05/01/2025	NJEPH
Q1939-03	GB2	Solid	EPH_NF	Cool 4 deg C	GENV01	L51	05/01/2025	NJEPH
Q1939-05	GB3	Solid	EPH_NF	Cool 4 deg C	GENV01	L51	05/01/2025	NJEPH

Date/Time

5/2/25

9:10

Raw Sample Received by:

RS (Ext-046)

CR SM

Raw Sample Relinquished by:

5/2/25

9:40

Raw Sample Received by:

CR SM

RS (Ext-046)

Raw Sample Relinquished by:

RS (Ext-046)

LAB CHRONICLE

OrderID:	Q1939	OrderDate:	5/1/2025 2:51:00 PM
Client:	G Environmental	Project:	Amsterdam
Contact:	Gary Landis	Location:	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1939-01	GB1	Solid	EPH_NF	NJEPH	05/01/25	05/02/25	05/05/25	05/01/25
Q1939-03	GB2	Solid	EPH_NF	NJEPH	05/01/25	05/02/25	05/02/25	05/01/25
Q1939-05	GB3	Solid	EPH_NF	NJEPH	05/01/25	05/02/25	05/05/25	05/01/25