SAMPLE DATA

Raw Data: **FE055259.D**

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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	B-2-5-1	SDG No.:	Q2818
Lab Sample ID:	Q2818-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
08/12/25 08:45	08/13/25 9:17	PB169207

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	177		10	13.5	22.8	mg/kg	FE055283.D
Aliphatic C9-C28	Aliphatic C9-C28	88.4		1	1.04	4.56	mg/kg	FE055259.D
Total AliphaticEPH	Total AliphaticEPH	265			14.5	27.4	mg/kg	
Total EPH	Total EPH	265			14.5	27.4	mg/kg	

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FE055259.D**

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Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	B-2-5-1	SDG No.:	Q2818
Lab Sample ID:	Q2818-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055259.D	1	08/12/25	08/12/25	PB169207

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		88.4		1.04	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		162	E	1.35	2.28	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		59.1		40 - 140	118%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		57.3		40 - 140	115%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2818-01	Acq On:	12 Aug 2025 16:27
Client Sample ID:	B-2-5-1	Operator:	YP\AJ
Data file:	FE055259.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.959	3118496	26.703	300	ug/ml
Aliphatic C12-C16	6.960	10.413	10124600	80.85	200	ug/ml
Aliphatic C16-C21	10.414	13.793	37716984	298.382	300	ug/ml
Aliphatic C21-C28	13.794	17.466	91164955	756.52	400	ug/ml
Aliphatic C28-C40	17.467	22.498	243727810	2140	600	ug/ml
Aliphatic EPH	3.323	22.498	385852845	3300		ug/ml
ortho-Terphenyl (SURR)	12.091	12.091	8181382	57.29		ug/ml
1-chlorooctadecane (SURR)	13.529	13.529	6358946	59.14		ug/ml
Aliphatic C9-C28	3.323	17.466	142125035	1160	1200	ug/ml

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Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	B-2-5-1DL	SDG No.:	Q2818
Lab Sample ID:	Q2818-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055283.D	10	08/12/25	08/13/25	PB169207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	99.3		10.4	45.6	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	177		13.5	22.8	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	6.61		40 - 140	132%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	6.24		40 - 140	125%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2818-01DL	Acq On:	13 Aug 2025 09:17
Client Sample ID:	B-2-5-1DL	Operator:	YP\AJ
Data file:	FE055283.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.320	6.955	679748	5.821	300	ug/ml
Aliphatic C12-C16	6.956	10.408	2068283	16.516	200	ug/ml
Aliphatic C16-C21	10.409	13.788	7825523	61.908	300	ug/ml
Aliphatic C21-C28	13.789	17.461	5582187	46.323	400	ug/ml
Aliphatic C28-C40	17.462	22.486	26627313	233.599	600	ug/ml
Aliphatic EPH	3.320	22.486	42783054	364.167		ug/ml
ortho-Terphenyl (SURR)	12.083	12.083	891597	6.24		ug/ml
1-chlorooctadecane (SURR)	13.521	13.521	711160	6.61		ug/ml
Aliphatic C9-C28	3.320	17.461	16155741	130.568	1200	ug/ml

Raw Data: **FE055260.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	B-3-5-2	SDG No.:	Q2818
Lab Sample ID:	Q2818-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.1
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
08/12/25 08:45	08/13/25 9:48	PB169207

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	137		5	6.61	11.2	mg/kg	FE055284.D
Aliphatic C9-C28	Aliphatic C9-C28	60.6		1	1.02	4.48	mg/kg	FE055260.D
Total AliphaticEPH	Total AliphaticEPH	198			7.63	15.7	mg/kg	
Total EPH	Total EPH	198			7.63	15.7	mg/kg	

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FE055260.D**

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Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	B-3-5-2	SDG No.:	Q2818
Lab Sample ID:	Q2818-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.1
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
FE055260.D	1	08/12/25	08/12/25	PB169207

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		60.6		1.02	4.48	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		127	E	1.32	2.24	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		48.5		40 - 140	97%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		47.7		40 - 140	95%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2818-02	Acq On:	12 Aug 2025 16:57
Client Sample ID:	B-3-5-2	Operator:	YP\AJ
Data file:	FE055260.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.959	2939994	25.175	300	ug/ml
Aliphatic C12-C16	6.960	10.413	7929563	63.321	200	ug/ml
Aliphatic C16-C21	10.414	13.793	30479203	241.124	300	ug/ml
Aliphatic C21-C28	13.794	17.466	58136525	482.438	400	ug/ml
Aliphatic C28-C40	17.467	22.498	194490719	1710	600	ug/ml
Aliphatic EPH	3.323	22.498	293976004	2520		ug/ml
ortho-Terphenyl (SURR)	12.091	12.091	6816848	47.74		ug/ml
1-chlorooctadecane (SURR)	13.527	13.527	5219546	48.54		ug/ml
Aliphatic C9-C28	3.323	17.466	99485285	812.058	1200	ug/ml

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Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/11/25
Project:	Reserve Turgyan Farms	Date Received:	08/11/25
Client Sample ID:	B-3-5-2DL	SDG No.:	Q2818
Lab Sample ID:	Q2818-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.1
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
FE055284.D	5	08/12/25	08/13/25	PB169207

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		70.3		5.10	22.4	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		137		6.61	11.2	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		10.6		40 - 140	106%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		10.3		40 - 140	103%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2818-02DL	Acq On:	13 Aug 2025 09:48
Client Sample ID:	B-3-5-2DL	Operator:	YP\AJ
Data file:	FE055284.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.320	6.955	698779	5.984	300	ug/ml
Aliphatic C12-C16	6.956	10.408	2999741	23.954	200	ug/ml
Aliphatic C16-C21	10.409	13.788	8146827	64.45	300	ug/ml
Aliphatic C21-C28	13.789	17.461	11291169	93.698	400	ug/ml
Aliphatic C28-C40	17.462	22.486	42098359	369.325	600	ug/ml
Aliphatic EPH	3.320	22.486	65234875	557.412		ug/ml
ortho-Terphenyl (SURR)	12.084	12.084	1465865	10.26		ug/ml
1-chlorooctadecane (SURR)	13.521	13.521	1137612	10.58		ug/ml
Aliphatic C9-C28	3.320	17.461	23136516	188.086	1200	ug/ml

QC SUMMARY

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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG No.: Q2818

Run Number: FC081225AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB169207BL	74	70		0
PB169207BS	70	66		0
PB169207BSD	70	66		0
BIN0009-DRIVEWAY-TP-WEST	73	69		0
BIN0009-DRIVEWAY-TP-WEST	77	72		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

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

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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG No.: Q2818

Run Number: FE081225AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
B-2-5-1	118	115		0
B-3-5-2	97	95		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

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

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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG No.: Q2818

Run Number: FE081325AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
B-2-5-1DL	132	125		0
B-3-5-2DL	106	103		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

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

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Earth Engineering Inc.

Lab Code: ACE **SDG No:** Q2818

Sample No : Q2830-03MS **Datafile:** FC069649.D **Client ID :** BIN0009-DRIVEWAY-TP-WESTMS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	35.0	6.87	33.2	75		(40-140)
Aliphatic C9-C28	116.6	2.91	72.4	60		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	3.9	0.0027	1.0726	27	*	(40-140)
n-Decane (C10)	3.9	0.0100	2.9390	75		(40-140)
Naphthalene (C11.7)	3.9	0.0110	1.8979	48		(40-140)
n-Dodecane (C12)	3.9	0.0102	1.8543	47		(40-140)
2-methylnaphthalene (C12.89)	3.9	0.0078	2.0260	52		(40-140)
n-Tetradecane (C14)	3.9	0.0068	2.2273	57		(40-140)
n-Hexadecane (C16)	3.9	0.0062	2.4193	62		(40-140)
n-Octadecane (C18)	3.9	0.0134	2.4524	63		(40-140)
n-Eicosane (C20)	3.9	0.0088	2.6068	67		(40-140)
n-Heneicosane (C21)	3.9	0.0076	2.5588	65		(40-140)
n-Docosane (C22)	3.9	0.0137	2.5383	65		(40-140)
n-Tetracosane (C24)	7.8	0.0414	5.1258	65		(40-140)
n-Hexacosane (C26)	3.9	0.0234	2.5367	64		(40-140)
n-Octacosane (C28)	3.9	0.0276	2.5377	64		(40-140)
n-Tricontane (C30)	3.9	0.0559	2.4749	62		(40-140)
n-Dotriacontane (C32)	3.9	0.0999	2.5811	64		(40-140)
n-Tetratriacontane (C34)	3.9	0.0660	2.8600	72		(40-140)
n-Hexatriacontane (C36)	3.9	0.2581	3.2733	77		(40-140)
n-Octatriacontane (C38)	3.9	0.7850	3.7602	76		(40-140)
n-Tetracontane (C40)	3.9	0.0466	3.5367	89		(40-140)

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Earth Engineering Inc.

Lab Code: ACE **SDG No:** Q2818

Sample No : Q2830-03MSD **Datafile:** FC069650.D **Client ID :** BIN0009-DRIVEWAY-TP-WESTMSD

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	35.0	6.87	35.3	81		7.66 | (40-140)	50
Aliphatic C9-C28	116.6	2.91	67.6	56		7.1 | (40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD | QC LIMITS (%)	QC Limit Of RPD
n-Nonane (C9)	3.9	0.0027	1.1279	29	*	7.14 | (40-140)	50
n-Decane (C10)	3.9	0.0100	3.0919	79		5.19 | (40-140)	50
Naphthalene (C11.7)	3.9	0.0110	1.9632	50		4.08 | (40-140)	50
n-Dodecane (C12)	3.9	0.0102	1.9170	49		4.17 | (40-140)	50
2-methylnaphthalene (C12.89)	3.9	0.0078	2.0593	53		1.9 | (40-140)	50
n-Tetradecane (C14)	3.9	0.0068	2.1884	56		1.77 | (40-140)	50
n-Hexadecane (C16)	3.9	0.0062	2.3791	61		1.63 | (40-140)	50
n-Octadecane (C18)	3.9	0.0134	2.4955	64		1.57 | (40-140)	50
n-Eicosane (C20)	3.9	0.0088	2.7025	69		2.94 | (40-140)	50
n-Heneicosane (C21)	3.9	0.0076	2.6638	68		4.51 | (40-140)	50
n-Docosane (C22)	3.9	0.0137	2.6560	68		4.51 | (40-140)	50
n-Tetracosane (C24)	7.8	0.0414	5.3754	68		4.51 | (40-140)	50
n-Hexacosane (C26)	3.9	0.0234	2.6626	68		6.06 | (40-140)	50
n-Octacosane (C28)	3.9	0.0276	2.6581	67		4.58 | (40-140)	50
n-Tricontane (C30)	3.9	0.0559	2.6042	65		4.72 | (40-140)	50
n-Dotriacontane (C32)	3.9	0.0999	2.7185	67		4.58 | (40-140)	50
n-Tetratriacontane (C34)	3.9	0.0660	3.0070	75		4.08 | (40-140)	50
n-Hexatriacontane (C36)	3.9	0.2581	3.3956	80		3.82 | (40-140)	50
n-Octatriacontane (C38)	3.9	0.7850	3.9968	82		7.59 | (40-140)	50
n-Tetracontane (C40)	3.9	0.0466	3.7034	94		5.46 | (40-140)	50

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Earth Engineering Inc.

Lab Code: ACE **SDG No:** Q2818

Sample No : PB169207BS **Datafile:** FC069645.D **Client ID :** PB169207BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	30.0	21.6	72		(40-140)
Aliphatic C9-C28	100.1	54.7	55		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	3.3	1.63609	50		(40-140)
n-Decane (C10)	3.3	1.76347	53		(40-140)
Naphthalene (C11.7)	3.3	2.02752	61		(40-140)
n-Dodecane (C12)	3.3	1.96737	60		(40-140)
2-methylnaphthalene (C12.89)	3.3	2.02584	61		(40-140)
n-Tetradecane (C14)	3.3	2.06622	63		(40-140)
n-Hexadecane (C16)	3.3	2.06502	63		(40-140)
n-Octadecane (C18)	3.3	2.02989	62		(40-140)
n-Eicosane (C20)	3.3	2.14752	65		(40-140)
n-Heneicosane (C21)	3.3	2.10724	64		(40-140)
n-Docosane (C22)	3.3	2.08853	63		(40-140)
n-Tetracosane (C24)	6.7	4.13066	62		(40-140)
n-Hexacosane (C26)	3.3	2.06137	62		(40-140)
n-Octacosane (C28)	3.3	2.03852	62		(40-140)
n-Tricontane (C30)	3.3	1.97890	60		(40-140)
n-Dotriacontane (C32)	3.3	2.02757	61		(40-140)
n-Tetratriacontane (C34)	3.3	2.27428	69		(40-140)
n-Hexatriacontane (C36)	3.3	2.45442	74		(40-140)
n-Octatriacontane (C38)	3.3	2.72740	83		(40-140)
n-Tetracontane (C40)	3.3	2.83852	86		(40-140)

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Earth Engineering Inc.

Lab Code: ACE **SDG No:** Q2818

Sample No : PB169207BSD **Datafile:** FC069646.D **Client ID :** PB169207BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	30.0	21.6	72		0.06|	(40-140)	25
Aliphatic C9-C28	99.9	54.7	55		0.049|	(40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS(%)	QC Limit Of RPD
n-Nonane (C9)	3.3	1.63538	50		0|	(40-140)	25
n-Decane (C10)	3.3	1.76025	53		0|	(40-140)	25
Naphthalene (C11.7)	3.3	2.02227	61		0|	(40-140)	25
n-Dodecane (C12)	3.3	1.95844	59		1.68|	(40-140)	25
2-methylnaphthalene (C12.89)	3.3	2.02196	61		0|	(40-140)	25
n-Tetradecane (C14)	3.3	2.05573	62		1.6|	(40-140)	25
n-Hexadecane (C16)	3.3	2.04883	62		1.6|	(40-140)	25
n-Octadecane (C18)	3.3	2.01402	61		1.63|	(40-140)	25
n-Eicosane (C20)	3.3	2.13298	65		0|	(40-140)	25
n-Heneicosane (C21)	3.3	2.09214	63		1.57|	(40-140)	25
n-Docosane (C22)	3.3	2.07592	63		0|	(40-140)	25
n-Tetracosane (C24)	6.7	4.13776	62		0|	(40-140)	25
n-Hexacosane (C26)	3.3	2.05095	62		0|	(40-140)	25
n-Octacosane (C28)	3.3	2.02955	62		0|	(40-140)	25
n-Tricontane (C30)	3.3	1.96097	59		1.68|	(40-140)	25
n-Dotriacontane (C32)	3.3	2.00404	61		0|	(40-140)	25
n-Tetratriacontane (C34)	3.3	2.25480	68		1.46|	(40-140)	25
n-Hexatriacontane (C36)	3.3	2.43852	74		0|	(40-140)	25
n-Octatriacontane (C38)	3.3	2.71628	82		1.21|	(40-140)	25
n-Tetracontane (C40)	3.3	2.83634	86		0|	(40-140)	25

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4B

METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB169207BL

Lab Name: Alliance Contract: EARTH03

Lab Code: ACE SDG NO.: Q2818

Instrument ID: FID_C Lab Sample ID: PB169207BL

Matrix: (soil/water) Solid Date Extracted: 8/12/2025 8:45:00 A

Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB169207BS	PB169207BS
PB169207BSD	PB169207BSD
B-2-5-1	Q2818-01
B-3-5-2	Q2818-02
BIN0009-DRIVEWAY-TP-WESTMS	Q2830-03MS
BIN0009-DRIVEWAY-TP-WESTMS	Q2830-03MSD

COMMENTS:

QC SAMPLE DATA

Raw Data: **FC069644.D**

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Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	
Project:	Reserve Turgyan Farms	Date Received:	
Client Sample ID:	PB169207BL	SDG No.:	Q2818
Lab Sample ID:	PB169207BL	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
08/12/25 08:45	08/12/25 20:22	PB169207

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FC069644.D
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FC069644.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg	
Total EPH	Total EPH	2.09	U		2.09	5.99	mg/kg	

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FC069644.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Earth Engineering Inc.		Date Collected:		
Project:	Reserve Turgyan Farms		Date Received:		
Client Sample ID:	PB169207BL		SDG No.:	Q2818	
Lab Sample ID:	PB169207BL		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
FC069644.D	1	08/12/25	08/12/25	PB169207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.0		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.9		40 - 140	70%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169207BL	Acq On:	12 Aug 2025 20:22
Client Sample ID:	PB169207BL	Operator:	YP/AJ
Data file:	FC069644.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	0	0	300	ug/ml
Aliphatic C12-C16	6.595	9.998	0	0	200	ug/ml
Aliphatic C16-C21	9.999	13.367	0	0	300	ug/ml
Aliphatic C21-C28	13.368	17.032	0	0	400	ug/ml
Aliphatic C28-C40	17.033	22.008	0	0	600	ug/ml
Aliphatic EPH	3.296	22.008	0	0		ug/ml
ortho-Terphenyl (SURR)	11.667	11.667	5198688	34.85		ug/ml
1-chlorooctadecane (SURR)	13.101	13.101	4029814	36.96		ug/ml
Aliphatic C9-C28	3.296	17.032	0	0	1200	ug/ml

Raw Data: **FC069645.D**

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Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	
Project:	Reserve Turgyan Farms	Date Received:	
Client Sample ID:	PB169207BS	SDG No.:	Q2818
Lab Sample ID:	PB169207BS	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
08/12/25 08:45	08/12/25 21:08	PB169207

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	21.6		1	1.18	2.00	mg/kg	FC069645.D
Aliphatic C9-C28	Aliphatic C9-C28	54.7		1	0.91	4.00	mg/kg	FC069645.D
Total AliphaticEPH	Total AliphaticEPH	76.3			2.09	6.00	mg/kg	
Total EPH	Total EPH	76.3			2.09	6.00	mg/kg	

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FC069645.D**

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Report of Analysis

Client:	Earth Engineering Inc.		Date Collected:		
Project:	Reserve Turgyan Farms		Date Received:		
Client Sample ID:	PB169207BS		SDG No.:	Q2818	
Lab Sample ID:	PB169207BS		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
FC069645.D	1	08/12/25	08/12/25	PB169207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	54.7		0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.6		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.0		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.9		40 - 140	66%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169207BS	Acq On:	12 Aug 2025 21:08
Client Sample ID:	PB169207BS	Operator:	YP/AJ
Data file:	FC069645.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	20618159	142.509	300	ug/ml
Aliphatic C12-C16	6.595	9.998	27575514	192.251	200	ug/ml
Aliphatic C16-C21	9.999	13.367	29064386	217.611	300	ug/ml
Aliphatic C21-C28	13.368	17.032	31693756	267.892	400	ug/ml
Aliphatic C28-C40	17.033	22.008	30957145	324.787	600	ug/ml
Aliphatic EPH	3.296	22.008	139908960	1150		ug/ml
ortho-Terphenyl (SURR)	11.665	11.665	4914195	32.94		ug/ml
1-chlorooctadecane (SURR)	13.100	13.100	3814315	34.99		ug/ml
Aliphatic C9-C28	3.296	17.032	108951815	820.263	1200	ug/ml

Raw Data: **FC069646.D**

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Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	
Project:	Reserve Turgyan Farms	Date Received:	
Client Sample ID:	PB169207BSD	SDG No.:	Q2818
Lab Sample ID:	PB169207BSD	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
08/12/25 08:45	08/12/25 21:53	PB169207

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	21.6		1	1.18	2.00	mg/kg	FC069646.D
Aliphatic C9-C28	Aliphatic C9-C28	54.7		1	0.91	3.99	mg/kg	FC069646.D
Total AliphaticEPH	Total AliphaticEPH	76.3			2.09	5.99	mg/kg	
Total EPH	Total EPH	76.3			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

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Report of Analysis

Client:	Earth Engineering Inc.		Date Collected:		
Project:	Reserve Turgyan Farms		Date Received:		
Client Sample ID:	PB169207BSD		SDG No.:	Q2818	
Lab Sample ID:	PB169207BSD		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
FC069646.D	1	08/12/25	08/12/25	PB169207

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		54.7		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		21.6		1.18	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		34.8		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		32.8		40 - 140	66%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169207BSD	Acq On:	12 Aug 2025 21:53
Client Sample ID:	PB169207BSD	Operator:	YP/AJ
Data file:	FC069646.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	3.296	6.594	20584745	142.278	300	ug/ml
Aliphatic C12-C16	6.595	9.998	27540790	192.009	200	ug/ml
Aliphatic C16-C21	9.999	13.367	28967482	216.885	300	ug/ml
Aliphatic C21-C28	13.368	17.032	31976934	270.286	400	ug/ml
Aliphatic C28-C40	17.033	22.008	30931317	324.516	600	ug/ml
Aliphatic EPH	3.296	22.008	140001268	1150		ug/ml
ortho-Terphenyl (SURR)	11.665	11.665	4892968	32.8		ug/ml
1-chlorooctadecane (SURR)	13.101	13.101	3794482	34.8		ug/ml
Aliphatic C9-C28	3.296	17.032	109069951	821.458	1200	ug/ml

Raw Data: **FC069649.D**

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Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	
Project:	Reserve Turgyan Farms	Date Received:	
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTMS	SDG No.:	Q2818
Lab Sample ID:	Q2830-03MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.6
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
08/12/25 08:45	08/13/25 0:13	PB169207

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	33.2		1	1.38	2.33	mg/kg	FC069649.D
Aliphatic C9-C28	Aliphatic C9-C28	72.4		1	1.06	4.67	mg/kg	FC069649.D
Total AliphaticEPH	Total AliphaticEPH	106			2.44	7.00	mg/kg	
Total EPH	Total EPH	106			2.44	7.00	mg/kg	

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FC069649.D**

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Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	
Project:	Reserve Turgyan Farms	Date Received:	
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTMS	SDG No.:	Q2818
Lab Sample ID:	Q2830-03MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.6
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069649.D	1	08/12/25	08/13/25	PB169207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	72.4		1.06	4.67	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	33.2		1.38	2.33	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.5		40 - 140	73%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.4		40 - 140	69%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2830-03MS	Acq On:	13 Aug 2025 00:13
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTMS	Operator:	YP/AJ
Data file:	FC069649.D	Misc:	
Instrument:	FID_C	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	16061289	111.013	300	ug/ml
Aliphatic C12-C16	6.595	9.998	33020754	230.214	200	ug/ml
Aliphatic C16-C21	9.999	13.367	36696695	274.756	300	ug/ml
Aliphatic C21-C28	13.368	17.032	37353007	315.727	400	ug/ml
Aliphatic C28-C40	17.033	22.008	40669580	426.685	600	ug/ml
Aliphatic EPH	3.296	22.008	163801325	1360		ug/ml
ortho-Terphenyl (SURR)	11.666	11.666	5132110	34.4		ug/ml
1-chlorooctadecane (SURR)	13.101	13.101	3978577	36.49		ug/ml
Aliphatic C9-C28	3.296	17.032	123131745	931.71	1200	ug/ml

Raw Data: **FC069650.D**

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Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	
Project:	Reserve Turgyan Farms	Date Received:	
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTMSD	SDG No.:	Q2818
Lab Sample ID:	Q2830-03MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
08/12/25 08:45	08/13/25 1:50	PB169207

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	35.3		1	1.37	2.33	mg/kg	FC069650.D
Aliphatic C9-C28	Aliphatic C9-C28	67.7		1	1.06	4.67	mg/kg	FC069650.D
Total AliphaticEPH	Total AliphaticEPH	103			2.43	7.00	mg/kg	
Total EPH	Total EPH	103			2.43	7.00	mg/kg	

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FC069650.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	
Project:	Reserve Turgyan Farms	Date Received:	
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTMSD	SDG No.:	Q2818
Lab Sample ID:	Q2830-03MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069650.D	1	08/12/25	08/13/25	PB169207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	67.7		1.06	4.67	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	35.3		1.37	2.33	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.4		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.1		40 - 140	72%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2830-03MSD	Acq On:	13 Aug 2025 01:50
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTMSD	Operator:	YP/AJ
Data file:	FC069650.D	Misc:	
Instrument:	FID_C	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	15928487	110.095	300	ug/ml
Aliphatic C12-C16	6.595	9.998	26999853	188.237	200	ug/ml
Aliphatic C16-C21	9.999	13.367	32722374	244.999	300	ug/ml
Aliphatic C21-C28	13.368	17.032	38886079	328.686	400	ug/ml
Aliphatic C28-C40	17.033	22.008	43329576	454.592	600	ug/ml
Aliphatic EPH	3.296	22.008	157866369	1330		ug/ml
ortho-Terphenyl (SURR)	11.666	11.666	5388201	36.12		ug/ml
1-chlorooctadecane (SURR)	13.101	13.101	4191300	38.44		ug/ml
Aliphatic C9-C28	3.296	17.032	114536793	872.017	1200	ug/ml

CALIBRATION SUMMARY

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

Inital Calibration Report for SequenceID : FC080125AL

AreaCount

Parameter Range	FC069558.D	FC069559.D	FC069560.D	FC069561.D	FC069562.D	
Aliphatic C9-C12	42068648.000	19691016.000	8965532.000	4370721.000	2351668.000	
Aliphatic C12-C16	27843527.000	13014807.000	5942321.000	2897742.000	1543652.000	
Aliphatic C16-C21	38214284.000	18201524.000	8181971.000	4119976.000	2180745.000	
Aliphatic C21-C28	44820531.000	21625949.000	9610305.000	4868005.000	2590582.000	
Aliphatic C28-C40	52282691.000	25521026.000	11594465.000	5791453.000	3336702.000	
Aliphatic EPH	205229681.000	98054322.000	44294594.000	22047897.000	12003349.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	144679.273333	6.643				
Aliphatic C12-C16	143435.206	6.448				
Aliphatic C16-C21	133561.231333	6.997				
Aliphatic C21-C28	118307.822	7.116				
Aliphatic C28-C40	95315.2126662	10.853				
Aliphatic EPH	120373.0272216	7.787				

Concentration

Parameter Range	FC069558.D	FC069559.D	FC069560.D	FC069561.D	FC069562.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	FC069558.D	FC069559.D	FC069560.D	FC069561.D	FC069562.D	
Aliphatic C9-C12	140228.826666	131273.440000	149425.533333	145690.700000	156777.866666	
Aliphatic C12-C16	139217.635000	130148.070000	148558.025000	144887.100000	154365.200000	
Aliphatic C16-C21	127380.946666	121343.493333	136366.183333	137332.533333	145383.000000	

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Inital Calibration Report for SequenceID : FC080125AL

Aliphatic C21-C28	112051.327500	108129.745000	120128.812500	121700.125000	129529.100000	
Aliphatic C28-C40	87137.818333	85070.086666	96620.541666	96524.216666	111223.400000	
Aliphatic EPH	114016.489444	108949.246666	123040.538888	122488.316666	133370.544444	

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Inital Calibration Report for SequenceID : FE080125AL

AreaCount

Parameter Range	FE055102.D	FE055103.D	FE055104.D	FE055105.D	FE055106.D	
Aliphatic C9-C12	32408754.000	16891181.000	7003710.000	3577317.000	1909553.000	
Aliphatic C12-C16	23084106.000	11985802.000	4993920.000	2562730.000	1378723.000	
Aliphatic C16-C21	35136636.000	18127790.000	7566457.000	3893517.000	2072383.000	
Aliphatic C21-C28	44556926.000	23024093.000	9601695.000	4948829.000	2645478.000	
Aliphatic C28-C40	61529999.000	31908743.000	13279856.000	7025222.000	3998130.000	
Aliphatic EPH	196716421.000	101937609.000	42445638.000	22007615.000	12004267.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	116782.5973332	6.216				
Aliphatic C12-C16	125227.07	6.84				
Aliphatic C16-C21	126404.887333	6.459				
Aliphatic C21-C28	120505.7185	6.705				
Aliphatic C28-C40	113987.1949996	10.577				
Aliphatic EPH	119220.1465552	7.797				

Concentration

Parameter Range	FE055102.D	FE055103.D	FE055104.D	FE055105.D	FE055106.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	FE055102.D	FE055103.D	FE055104.D	FE055105.D	FE055106.D	
Aliphatic C9-C12	108029.180000	112607.873333	116728.500000	119243.900000	127303.533333	
Aliphatic C12-C16	115420.530000	119858.020000	124848.000000	128136.500000	137872.300000	
Aliphatic C16-C21	117122.120000	120851.933333	126107.616666	129783.900000	138158.866666	

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Inital Calibration Report for SequenceID : FE080125AL

Aliphatic C21-C28	111392.315000	115120.465000	120021.187500	123720.725000	132273.900000	
Aliphatic C28-C40	102549.998333	106362.476666	110665.466666	117087.033333	133271.000000	
Aliphatic EPH	109286.900555	113264.010000	117904.550000	122264.527777	133380.744444	

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055107.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 13:55
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.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	3.423	3.380	3.482	BB	235935	2320492	80.95%	4.354%
2	4.681	4.644	4.744	BB	237548	2357337	82.23%	4.423%
3	6.400	6.357	6.500	BB	281367	2711551	94.59%	5.088%
4	6.857	6.812	6.924	BB	236802	2407946	84.00%	4.518%
5	7.501	7.460	7.622	BB	264419	2636139	91.96%	4.947%
6	8.694	8.639	8.807	BB	236777	2463791	85.94%	4.623%
7	10.309	10.247	10.400	BB	233401	2561685	89.36%	4.807%
8	11.759	11.715	11.824	PB	232814	2619955	91.39%	4.916%
9	12.085	12.024	12.154	BB	265468	2866726	100.00%	5.379%
10	13.074	12.982	13.137	BB	216764	2518489	87.85%	4.726%
11	13.521	13.455	13.582	BB	183371	2156193	75.21%	4.046%
12	13.688	13.650	13.745	PB	204951	2473384	86.28%	4.641%
13	14.276	14.207	14.335	BB	198948	2448476	85.41%	4.594%
14	15.382	15.302	15.444	BB	199328	2433764	84.90%	4.567%
15	16.407	16.229	16.455	BB	178966	2397717	83.64%	4.499%
16	17.359	17.275	17.429	BB	172737	2370324	82.68%	4.448%
17	18.248	18.184	18.322	BB	180187	2441052	85.15%	4.580%
18	19.082	19.012	19.142	BB	172722	2401932	83.79%	4.507%
19	19.867	19.800	19.915	BV	167321	2323225	81.04%	4.359%
20	20.609	20.570	20.647	BV	149142	2160075	75.35%	4.053%
21	21.390	21.330	21.465	BB	109229	2112729	73.70%	3.964%
22	22.381	22.300	22.500	BBA	83572	2109848	73.60%	3.959%
			Sum of corrected areas:			53292830		

Aliphatic EPH 080125.M Fri Aug 01 15:03:05 2025

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Continuing Calibration Report for SequenceID : FC081225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069643.D**						
Aliphatic C9-C12	8281038.000	60.000	3.296	6.594	138017.300	144679.273	4.605
Aliphatic C12-C16	5564407.000	40.000	6.595	9.998	139110.175	143435.206	3.015
Aliphatic C16-C21	7699230.000	60.000	9.999	13.367	128320.500	133561.231	3.924
Aliphatic C21-C28	9027039.000	80.000	13.368	17.032	112837.988	118307.822	4.623
Aliphatic C28-C40	11191769.000	120.000	17.033	22.008	93264.742	95315.213	2.151
Aliphatic EPH	41763483.000	360.000	3.296	22.008	116009.675	120373.027	3.625

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	12 Aug 2025 18:50
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069643.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.296	6.594	8281038.000	60.000	ug/ml
Aliphatic C12-C16	6.595	9.998	5564407.000	40.000	ug/ml
Aliphatic C16-C21	9.999	13.367	7699230.000	60.000	ug/ml
Aliphatic C21-C28	13.368	17.032	9027039.000	80.000	ug/ml
Aliphatic C28-C40	17.033	22.008	11191769.000	120.000	ug/ml
Aliphatic EPH	3.296	22.008	41763483.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FC081225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069653.D**						
Aliphatic C9-C12	8188998.000	60.000	3.296	6.594	136483.300	144679.273	5.665
Aliphatic C12-C16	5493955.000	40.000	6.595	9.998	137348.875	143435.206	4.243
Aliphatic C16-C21	7647281.000	60.000	9.999	13.367	127454.683	133561.231	4.572
Aliphatic C21-C28	9064514.000	80.000	13.368	17.032	113306.425	118307.822	4.227
Aliphatic C28-C40	11351707.000	120.000	17.033	22.008	94597.558	95315.213	0.753
Aliphatic EPH	41746455.000	360.000	3.296	22.008	115962.375	120373.027	3.664

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Fax : 908 789 8922

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	13 Aug 2025 04:46
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069653.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.296	6.594	8188998.000	60.000	ug/ml
Aliphatic C12-C16	6.595	9.998	5493955.000	40.000	ug/ml
Aliphatic C16-C21	9.999	13.367	7647281.000	60.000	ug/ml
Aliphatic C21-C28	13.368	17.032	9064514.000	80.000	ug/ml
Aliphatic C28-C40	17.033	22.008	11351707.000	120.000	ug/ml
Aliphatic EPH	3.296	22.008	41746455.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FE081225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE055254.D**						
Aliphatic C9-C12	6178262.000	60.000	3.323	6.959	102971.033	116782.597	11.827
Aliphatic C12-C16	4527408.000	40.000	6.960	10.413	113185.200	125227.070	9.616
Aliphatic C16-C21	6817977.000	60.000	10.414	13.793	113632.950	126404.887	10.104
Aliphatic C21-C28	9438512.000	80.000	13.794	17.466	117981.400	120505.719	2.095
Aliphatic C28-C40	14243173.000	120.000	17.467	22.498	118693.108	113987.195	-4.128
Aliphatic EPH	41205332.000	360.000	3.323	22.498	114459.256	119220.147	3.993

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	12 Aug 2025 13:54
Client Sample ID:		Operator:	YP\AJ
Data file:	FE055254.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.323	6.959	6178262.000	60.000	ug/ml
Aliphatic C12-C16	6.960	10.413	4527408.000	40.000	ug/ml
Aliphatic C16-C21	10.414	13.793	6817977.000	60.000	ug/ml
Aliphatic C21-C28	13.794	17.466	9438512.000	80.000	ug/ml
Aliphatic C28-C40	17.467	22.498	14243173.000	120.000	ug/ml
Aliphatic EPH	3.323	22.498	41205332.000	360.000	ug/ml

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Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE081225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE055268.D**						
Aliphatic C9-C12	6298720.000	60.000	3.323	6.959	104978.667	116782.597	10.108
Aliphatic C12-C16	4641325.000	40.000	6.960	10.413	116033.125	125227.070	7.342
Aliphatic C16-C21	7203361.000	60.000	10.414	13.793	120056.017	126404.887	5.023
Aliphatic C21-C28	10317939.000	80.000	13.794	17.466	128974.238	120505.719	-7.027
Aliphatic C28-C40	15234038.000	120.000	17.467	22.498	126950.317	113987.195	-11.372
Aliphatic EPH	43695383.000	360.000	3.323	22.498	121376.064	119220.147	-1.808

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	12 Aug 2025 21:32
Client Sample ID:		Operator:	YP\AJ
Data file:	FE055268.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.323	6.959	6298720.000	60.000	ug/ml
Aliphatic C12-C16	6.960	10.413	4641325.000	40.000	ug/ml
Aliphatic C16-C21	10.414	13.793	7203361.000	60.000	ug/ml
Aliphatic C21-C28	13.794	17.466	10317939.000	80.000	ug/ml
Aliphatic C28-C40	17.467	22.498	15234038.000	120.000	ug/ml
Aliphatic EPH	3.323	22.498	43695383.000	360.000	ug/ml

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Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE081325AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE055281.D**						
Aliphatic C9-C12	6191497.000	60.000	3.320	6.955	103191.617	116782.597	11.638
Aliphatic C12-C16	4553783.000	40.000	6.956	10.408	113844.575	125227.070	9.089
Aliphatic C16-C21	7067857.000	60.000	10.409	13.788	117797.617	126404.887	6.809
Aliphatic C21-C28	9885428.000	80.000	13.789	17.461	123567.850	120505.719	-2.541
Aliphatic C28-C40	15234823.000	120.000	17.462	22.486	126956.858	113987.195	-11.378
Aliphatic EPH	42933388.000	360.000	3.320	22.486	119259.411	119220.147	-0.033

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	13 Aug 2025 08:17
Client Sample ID:		Operator:	YP\AJ
Data file:	FE055281.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.320	6.955	6191497.000	60.000	ug/ml
Aliphatic C12-C16	6.956	10.408	4553783.000	40.000	ug/ml
Aliphatic C16-C21	10.409	13.788	7067857.000	60.000	ug/ml
Aliphatic C21-C28	13.789	17.461	9885428.000	80.000	ug/ml
Aliphatic C28-C40	17.462	22.486	15234823.000	120.000	ug/ml
Aliphatic EPH	3.320	22.486	42933388.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FE081325AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE055292.D**						
Aliphatic C9-C12	6133048.000	60.000	3.320	6.955	102217.467	116782.597	12.472
Aliphatic C12-C16	4477824.000	40.000	6.956	10.408	111945.600	125227.070	10.606
Aliphatic C16-C21	6952936.000	60.000	10.409	13.788	115882.267	126404.887	8.325
Aliphatic C21-C28	9771755.000	80.000	13.789	17.461	122146.938	120505.719	-1.362
Aliphatic C28-C40	15007929.000	120.000	17.462	22.486	125066.075	113987.195	-9.719
Aliphatic EPH	42343492.000	360.000	3.320	22.486	117620.811	119220.147	1.341

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

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	13 Aug 2025 14:23
Client Sample ID:		Operator:	YP\AJ
Data file:	FE055292.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.320	6.955	6133048.000	60.000	ug/ml
Aliphatic C12-C16	6.956	10.408	4477824.000	40.000	ug/ml
Aliphatic C16-C21	10.409	13.788	6952936.000	60.000	ug/ml
Aliphatic C21-C28	13.789	17.461	9771755.000	80.000	ug/ml
Aliphatic C28-C40	17.462	22.486	15007929.000	120.000	ug/ml
Aliphatic EPH	3.320	22.486	42343492.000	360.000	ug/ml

SAMPLE RAW DATA

Sample Results: **FE055259.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
Data File : FE055259.D
Signal(s) : FID1B.ch
Acq On : 12 Aug 2025 16:27
Operator : YP\AJ
Sample : Q2818-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
B-2-5-1

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
Quant Time: Aug 13 04:04:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:47:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.091	8181382	57.291 ug/mlm
Spiked Amount 50.000		Recovery = 114.58%	
12) S 1-chlorooctadecane (S...	13.529	6358946	59.140 ug/ml
Spiked Amount 50.000		Recovery = 118.28%	
Target Compounds			

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
Data File : FE055259.D
Signal(s) : FID1B.ch
Acq On : 12 Aug 2025 16:27
Operator : YP\AJ
Sample : Q2818-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
B-2-5-1

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Quant Time: Aug 13 04:04:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
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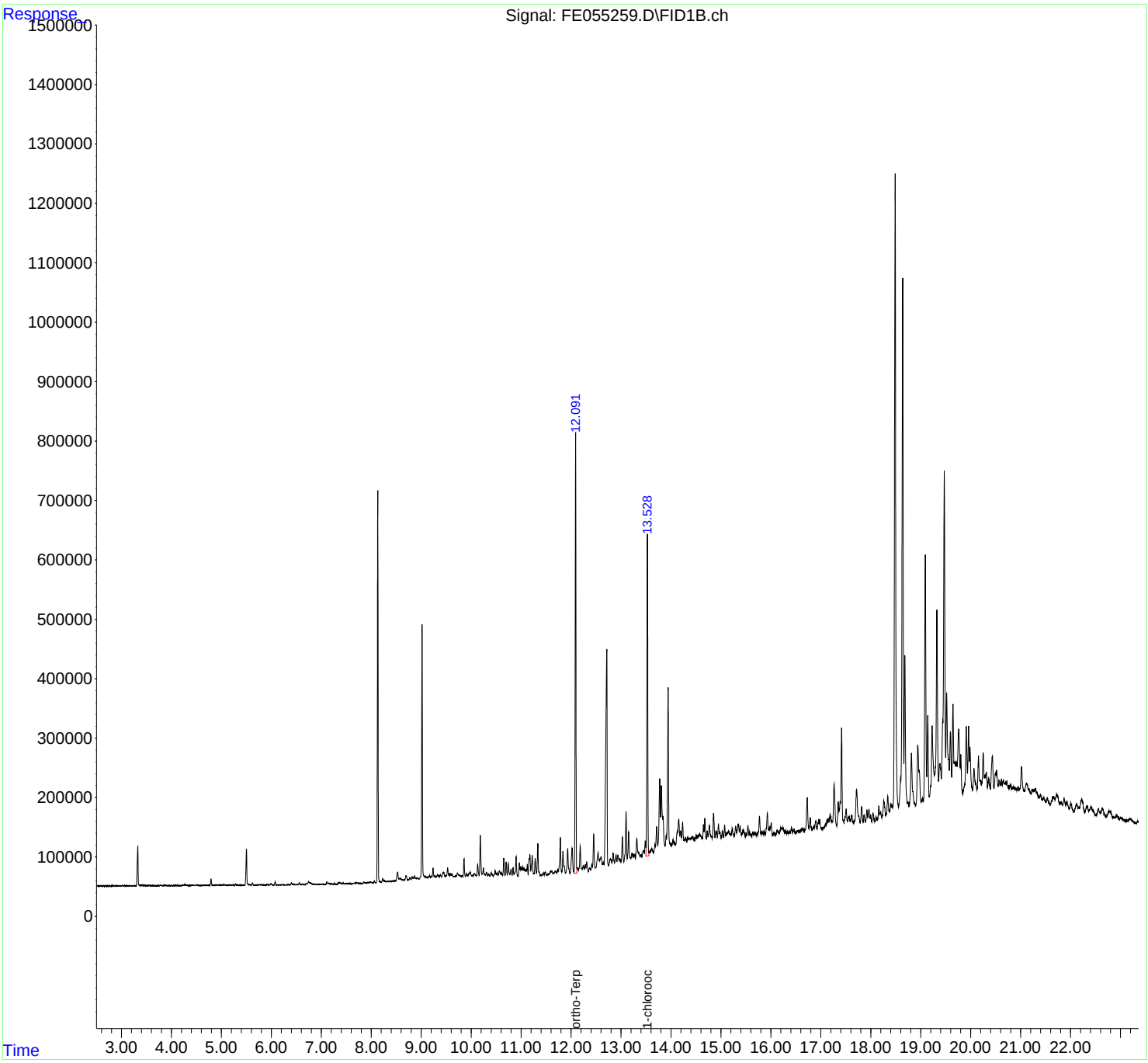
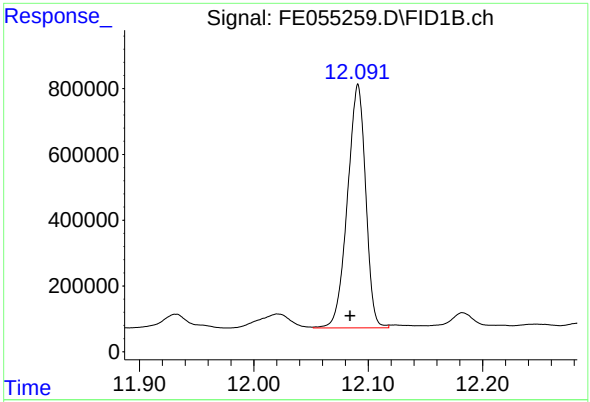
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#9 ortho-Terphenyl (SURR)

R.T.: 12.091 min
Delta R.T.: 0.007 min
Response: 8181382
Conc: 57.29 ug/ml

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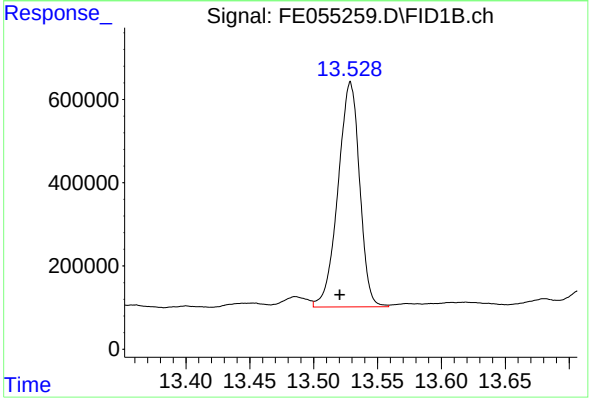

#12 1-chlorooctadecane (SURR)

R.T.: 13.529 min
Delta R.T.: 0.008 min
Response: 6358946
Conc: 59.14 ug/ml

Instrument :
FID_E
ClientSampleId :
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rteres

Area Percent

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Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Da
Data File : FE055259.D
Signal(s) : FID1B.ch
Acq On : 12 Aug 2025 16:27
Sample : Q2818-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.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	2.834	2.805	2.886	BV	355	7653	0.04%	0.002%
2	2.900	2.886	2.935	VV	382	5257	0.02%	0.001%
3	2.954	2.935	2.978	VV	204	3197	0.02%	0.001%
4	3.027	2.978	3.084	VV	624	21365	0.10%	0.005%
5	3.103	3.084	3.135	VV	575	8948	0.04%	0.002%
6	3.151	3.135	3.196	VV	445	8239	0.04%	0.002%
7	3.204	3.196	3.214	VV	113	841	0.00%	0.000%
8	3.227	3.214	3.245	VV	65	1038	0.00%	0.000%
9	3.265	3.245	3.289	PV	532	10757	0.05%	0.003%
10	3.326	3.289	3.395	VV	68048	849046	4.00%	0.212%
11	3.417	3.395	3.438	VV	876	18200	0.09%	0.005%
12	3.461	3.438	3.506	VV	716	21758	0.10%	0.005%
13	3.550	3.506	3.590	VV	1091	28069	0.13%	0.007%
14	3.605	3.590	3.649	VV	463	11658	0.05%	0.003%
15	3.656	3.649	3.709	VV	276	7098	0.03%	0.002%
16	3.743	3.709	3.758	VV	312	6400	0.03%	0.002%
17	3.785	3.758	3.832	VV	870	21306	0.10%	0.005%
18	3.891	3.832	3.956	VV	740	23894	0.11%	0.006%
19	4.007	3.956	4.025	PV	561	7508	0.04%	0.002%
20	4.047	4.025	4.068	VV	407	5158	0.02%	0.001%
21	4.079	4.068	4.110	VV	775	11636	0.05%	0.003%
22	4.126	4.110	4.178	VV	847	12927	0.06%	0.003%
23	4.211	4.178	4.224	VV	985	10239	0.05%	0.003%
24	4.265	4.224	4.291	VV	2742	43784	0.21%	0.011%
25	4.302	4.291	4.365	VV	705	14566	0.07%	0.004%

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rteres

26	4.410	4.365	4.428	PV	629	12394	0.06%	0.003%
27	4.444	4.428	4.464	VV	738			
28	4.476	4.464	4.485	VV	512			
29	4.501	4.485	4.558	VV	1429			
30	4.569	4.558	4.590	VV	300			
31	4.628	4.590	4.641	VV	247	5853	0.03%	0.001%
32	4.652	4.641	4.661	VV	263	2408	0.01%	0.001%
33	4.680	4.661	4.710	VV	407	9401	0.04%	0.002%
34	4.757	4.710	4.771	VV	963	18812	0.09%	0.005%
35	4.793	4.771	4.829	VV	11128	124804	0.59%	0.031%
36	4.846	4.829	4.862	VV	1001	13302	0.06%	0.003%
37	4.877	4.862	4.895	VV	827	13372	0.06%	0.003%
38	4.933	4.895	4.953	VV	1071	31354	0.15%	0.008%
39	4.967	4.953	4.978	VV	957	12300	0.06%	0.003%
40	5.051	4.978	5.121	VV	1819	74144	0.35%	0.018%
41	5.135	5.121	5.150	VV	670	9532	0.04%	0.002%
42	5.169	5.150	5.221	VV	1445	32578	0.15%	0.008%
43	5.239	5.221	5.261	VV	925	14875	0.07%	0.004%
44	5.288	5.261	5.312	VV	2475	31846	0.15%	0.008%
45	5.334	5.312	5.354	VV	754	13309	0.06%	0.003%
46	5.383	5.354	5.411	VV	716	15577	0.07%	0.004%
47	5.427	5.411	5.463	VV	791	12586	0.06%	0.003%
48	5.501	5.463	5.598	PV	61401	784545	3.70%	0.196%
49	5.623	5.598	5.652	VV	4263	56859	0.27%	0.014%
50	5.667	5.652	5.680	VV	520	7127	0.03%	0.002%
51	5.693	5.680	5.711	VV	484	6918	0.03%	0.002%
52	5.724	5.711	5.738	VV	325	3760	0.02%	0.001%
53	5.755	5.738	5.775	VV	1788	20140	0.09%	0.005%
54	5.797	5.775	5.833	VV	1087	18800	0.09%	0.005%
55	5.853	5.833	5.869	VV	768	8800	0.04%	0.002%
56	5.884	5.869	5.894	VV	667	7107	0.03%	0.002%
57	5.929	5.894	5.968	VV	1353	28611	0.13%	0.007%
58	5.996	5.968	6.048	VV	2508	39523	0.19%	0.010%
59	6.077	6.048	6.107	VV	6214	66241	0.31%	0.017%
60	6.126	6.107	6.162	PV	458	7440	0.04%	0.002%
61	6.179	6.162	6.200	PV	391	5408	0.03%	0.001%
62	6.217	6.200	6.237	VV	889	8912	0.04%	0.002%
63	6.283	6.237	6.301	VV	452	7755	0.04%	0.002%
64	6.356	6.301	6.364	VV	338	8695	0.04%	0.002%
65	6.401	6.364	6.427	VV	3495	52655	0.25%	0.013%
66	6.443	6.427	6.465	VV	1376	21588	0.10%	0.005%
67	6.479	6.465	6.496	VV	482	8252	0.04%	0.002%
68	6.507	6.496	6.538	VV	505	7607	0.04%	0.002%
69	6.560	6.538	6.579	VV	4275	47037	0.22%	0.012%

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rteres

70	6.591	6.579	6.605	VV	1035	9740	0.05%	0.002%
71	6.621	6.605	6.650	VV	1453			
72	6.663	6.650	6.678	VV	558			
73	6.696	6.678	6.712	VV	2246			
74	6.745	6.712	6.838	VV	5081			
75	6.856	6.838	6.890	VV	1181	25777	0.12%	0.006%
76	6.930	6.890	6.960	VV	1171	22382	0.11%	0.006%
77	6.988	6.960	7.005	PV	1135	16967	0.08%	0.004%
78	7.027	7.005	7.048	VV	1187	19058	0.09%	0.005%
79	7.058	7.048	7.073	VV	391	4696	0.02%	0.001%
80	7.112	7.073	7.131	VV	4904	67503	0.32%	0.017%
81	7.146	7.131	7.175	VV	2225	43911	0.21%	0.011%
82	7.192	7.175	7.212	VV	1713	27365	0.13%	0.007%
83	7.220	7.212	7.236	VV	1020	8987	0.04%	0.002%
84	7.261	7.236	7.304	PV	1961	27066	0.13%	0.007%
85	7.345	7.304	7.358	VV	3638	44019	0.21%	0.011%
86	7.372	7.358	7.390	VV	3245	39936	0.19%	0.010%
87	7.406	7.390	7.422	VV	2047	29272	0.14%	0.007%
88	7.436	7.422	7.463	VV	2070	33042	0.16%	0.008%
89	7.480	7.463	7.495	VV	1315	18697	0.09%	0.005%
90	7.507	7.495	7.525	VV	1278	18760	0.09%	0.005%
91	7.581	7.525	7.617	VV	2271	48859	0.23%	0.012%
92	7.640	7.617	7.653	PV	1523	17464	0.08%	0.004%
93	7.679	7.653	7.694	VV	2051	35429	0.17%	0.009%
94	7.706	7.694	7.719	VV	1510	20192	0.10%	0.005%
95	7.731	7.719	7.745	VV	1476	19794	0.09%	0.005%
96	7.754	7.745	7.791	VV	1111	20695	0.10%	0.005%
97	7.806	7.791	7.817	VV	435	6166	0.03%	0.002%
98	7.851	7.817	7.886	VV	2385	51138	0.24%	0.013%
99	7.899	7.886	7.911	VV	1384	16602	0.08%	0.004%
100	7.927	7.911	7.938	VV	1481	18416	0.09%	0.005%
101	7.969	7.938	8.038	VV	2031	80416	0.38%	0.020%
102	8.063	8.038	8.090	VV	3272	46910	0.22%	0.012%
103	8.228	8.188	8.276	VV	7024	175420	0.83%	0.044%
104	8.280	8.276	8.308	VV	2760	41151	0.19%	0.010%
105	8.345	8.308	8.365	VV	2274	55881	0.26%	0.014%
106	8.385	8.365	8.408	VV	1969	43634	0.21%	0.011%
107	8.440	8.408	8.455	VV	2464	57953	0.27%	0.014%
108	8.477	8.455	8.491	VV	3032	51715	0.24%	0.013%
109	8.528	8.491	8.552	VV	16790	345241	1.63%	0.086%
110	8.569	8.552	8.639	VV	6041	242456	1.14%	0.060%
111	8.653	8.639	8.667	VV	3425	52796	0.25%	0.013%
112	8.700	8.667	8.730	VV	9852	227095	1.07%	0.057%

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rteres

113	8.745	8.730	8.754	VV	3888	49667	0.23%	0.012%
114	8.772	8.754	8.797	VV	6794			
115	8.818	8.797	8.851	VV	8122			
116	8.868	8.851	8.897	VV	9629			
117	8.924	8.897	8.960	VV	5823			
118	9.084	9.076	9.128	VV	6746	186734	0.88%	0.047%
119	9.167	9.128	9.182	VV	8880	224744	1.06%	0.056%
120	9.198	9.182	9.215	VV	7122	128846	0.61%	0.032%
121	9.237	9.215	9.258	VV	21312	316010	1.49%	0.079%
122	9.272	9.258	9.300	VV	7537	167562	0.79%	0.042%
123	9.322	9.300	9.337	VV	9142	158093	0.75%	0.039%
124	9.349	9.337	9.365	VV	8379	124704	0.59%	0.031%
125	9.386	9.365	9.407	VV	9025	178981	0.84%	0.045%
126	9.450	9.407	9.485	VV	12863	437682	2.06%	0.109%
127	9.529	9.485	9.568	VV	20691	520559	2.45%	0.130%
128	9.583	9.568	9.598	VV	10604	163181	0.77%	0.041%
129	9.614	9.598	9.645	VV	9087	207486	0.98%	0.052%
130	9.657	9.645	9.667	VV	5436	69156	0.33%	0.017%
131	9.725	9.667	9.755	VV	11138	378386	1.78%	0.094%
132	9.765	9.755	9.781	VV	7086	99586	0.47%	0.025%
133	9.794	9.781	9.808	VV	6076	90898	0.43%	0.023%
134	9.818	9.808	9.833	VV	5791	80312	0.38%	0.020%
135	9.858	9.833	9.886	VV	34451	469522	2.21%	0.117%
136	9.904	9.886	9.921	VV	8848	147661	0.70%	0.037%
137	9.933	9.921	9.936	VV	6196	55395	0.26%	0.014%
138	9.983	9.936	10.018	VV	11042	397526	1.87%	0.099%
139	10.067	10.018	10.107	VV	8531	342319	1.61%	0.085%
140	10.131	10.107	10.160	VV	24585	400206	1.89%	0.100%
141	10.184	10.160	10.218	VV	72660	1019418	4.81%	0.254%
142	10.246	10.218	10.284	VV	17500	376700	1.78%	0.094%
143	10.308	10.284	10.332	VV	9720	207582	0.98%	0.052%
144	10.347	10.332	10.382	VV	6842	158475	0.75%	0.040%
145	10.401	10.382	10.443	VV	9322	201548	0.95%	0.050%
146	10.482	10.443	10.508	VV	12136	277587	1.31%	0.069%
147	10.523	10.508	10.541	VV	8345	131219	0.62%	0.033%
148	10.566	10.541	10.598	VV	11353	271217	1.28%	0.068%
149	10.610	10.598	10.630	VV	7913	111357	0.52%	0.028%
150	10.654	10.630	10.678	VV	32313	420970	1.98%	0.105%
151	10.701	10.678	10.723	VV	25679	351317	1.66%	0.088%
152	10.742	10.723	10.776	VV	22902	359735	1.70%	0.090%
153	10.798	10.776	10.820	VV	13192	214149	1.01%	0.053%
154	10.839	10.820	10.859	VV	15523	200520	0.95%	0.050%
155	10.901	10.859	10.936	VV	34226	535518	2.52%	0.134%

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rteres

156	10.964	10.936	10.979	VV	22638	297388	1.40%	0.074%
157	10.991	10.979	11.021	VV	16911			
158	11.033	11.021	11.045	VV	16536			
159	11.055	11.045	11.069	VV	15504			
160	11.078	11.069	11.089	VV	12174			
161	11.099	11.089	11.109	VV	11630	123454	0.58%	0.031%
162	11.124	11.109	11.141	VV	19917	239963	1.13%	0.060%
163	11.176	11.141	11.195	VV	36602	736916	3.47%	0.184%
164	11.223	11.195	11.256	VV	35007	599019	2.82%	0.149%
165	11.282	11.256	11.306	VV	29755	420493	1.98%	0.105%
166	11.335	11.306	11.383	VV	54985	777655	3.67%	0.194%
167	11.398	11.383	11.413	PV	2247	22567	0.11%	0.006%
168	11.445	11.413	11.462	VV	4914	65347	0.31%	0.016%
169	11.484	11.462	11.522	VV	5824	93964	0.44%	0.023%
170	11.538	11.522	11.554	VV	2648	27371	0.13%	0.007%
171	11.589	11.554	11.601	VV	6409	101316	0.48%	0.025%
172	11.617	11.601	11.639	VV	6291	104340	0.49%	0.026%
173	11.687	11.639	11.715	VV	5915	177515	0.84%	0.044%
174	11.732	11.715	11.745	VV	9303	108193	0.51%	0.027%
175	11.785	11.745	11.815	VV	60742	902886	4.26%	0.225%
176	11.838	11.815	11.890	VV	37793	636525	3.00%	0.159%
177	11.931	11.890	11.977	VV	42205	701329	3.31%	0.175%
178	12.021	11.977	12.051	PV	42278	804425	3.79%	0.201%
179	12.091	12.051	12.151	VV	740515	8284130	39.06%	2.065%
180	12.183	12.151	12.226	VV	44614	710781	3.35%	0.177%
181	12.246	12.226	12.267	VV	9106	177502	0.84%	0.044%
182	12.285	12.267	12.297	VV	12090	154869	0.73%	0.039%
183	12.313	12.297	12.347	VV	15753	242954	1.15%	0.061%
184	12.371	12.347	12.389	PV	5184	83740	0.39%	0.021%
185	12.415	12.389	12.428	VV	11458	164935	0.78%	0.041%
186	12.453	12.428	12.498	VV	61557	927376	4.37%	0.231%
187	12.540	12.498	12.575	VV	30178	830233	3.91%	0.207%
188	12.599	12.575	12.627	VV	21946	547278	2.58%	0.136%
189	12.643	12.627	12.657	VV	12604	191444	0.90%	0.048%
190	12.714	12.657	12.755	VV	369435	7278271	34.31%	1.815%
191	12.791	12.755	12.815	VV	16492	476491	2.25%	0.119%
192	12.842	12.815	12.872	VV	25604	573377	2.70%	0.143%
193	12.899	12.872	12.917	VV	20835	417620	1.97%	0.104%
194	12.936	12.917	12.964	VV	21293	471596	2.22%	0.118%
195	12.981	12.964	13.001	VV	15437	298162	1.41%	0.074%
196	13.028	13.001	13.056	VV	51453	871949	4.11%	0.217%
197	13.101	13.056	13.125	VV	93875	1532738	7.23%	0.382%
198	13.153	13.125	13.196	VV	58811	1186373	5.59%	0.296%
199	13.218	13.196	13.234	VV	22251	416350	1.96%	0.104%

Instrument :
FID_E
ClientSampleId :
B-2-5-1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

rteres

200	13.244	13.234	13.259	VV	19720	274631	1.29%	0.068%
201	13.274	13.259	13.289	VV	19249			
202	13.317	13.289	13.383	VV	46788	1		
203	13.400	13.383	13.419	VV	18521			
204	13.450	13.419	13.466	VV	24853			
205	13.486	13.466	13.500	VV	40131	643916	3.04%	0.161%
206	13.529	13.500	13.559	VV	553473	6896279	32.51%	1.719%
207	13.618	13.559	13.651	VV	25431	1248898	5.89%	0.311%
208	13.681	13.651	13.690	VV	33352	633430	2.99%	0.158%
209	13.713	13.690	13.738	VV	61831	1263514	5.96%	0.315%
210	13.776	13.738	13.792	VV	141343	2707460	12.76%	0.675%
211	13.808	13.792	13.885	VV	129972	4021177	18.96%	1.003%
212	13.944	13.885	14.018	VV	295787	6001708	28.29%	1.496%
213	14.042	14.018	14.061	VV	37467	860489	4.06%	0.215%
214	14.075	14.061	14.091	VV	33069	562845	2.65%	0.140%
215	14.155	14.091	14.177	VV	70782	2545753	12.00%	0.635%
216	14.189	14.177	14.215	VV	50933	1026177	4.84%	0.256%
217	14.233	14.215	14.261	VV	66204	1353064	6.38%	0.337%
218	14.291	14.261	14.317	VV	37017	1188756	5.60%	0.296%
219	14.337	14.317	14.351	VV	39125	748834	3.53%	0.187%
220	14.381	14.351	14.391	VV	37595	853183	4.02%	0.213%
221	14.441	14.391	14.474	VV	39078	1828369	8.62%	0.456%
222	14.505	14.474	14.528	VV	41063	1214103	5.72%	0.303%
223	14.573	14.528	14.618	VV	42104	2101645	9.91%	0.524%
224	14.651	14.618	14.662	VV	56152	1167995	5.51%	0.291%
225	14.678	14.662	14.707	VV	67511	1336354	6.30%	0.333%
226	14.725	14.707	14.742	VV	45970	847370	3.99%	0.211%
227	14.770	14.742	14.824	VV	54171	2046362	9.65%	0.510%
228	14.853	14.824	14.882	VV	74378	1765346	8.32%	0.440%
229	14.900	14.882	14.929	VV	43346	1100406	5.19%	0.274%
230	14.950	14.929	15.007	VV	55805	1925420	9.08%	0.480%
231	15.029	15.007	15.053	VV	42720	1022548	4.82%	0.255%
232	15.074	15.053	15.095	VV	52282	1039043	4.90%	0.259%
233	15.109	15.095	15.120	VV	39031	578071	2.73%	0.144%
234	15.153	15.120	15.197	VV	41774	1767119	8.33%	0.441%
235	15.228	15.197	15.267	VV	45070	1582249	7.46%	0.394%
236	15.294	15.267	15.316	VV	47644	1210248	5.71%	0.302%
237	15.347	15.316	15.368	VV	51341	1409830	6.65%	0.351%
238	15.384	15.368	15.414	VV	47966	1089002	5.13%	0.272%
239	15.438	15.414	15.491	VV	39525	1654500	7.80%	0.412%
240	15.506	15.491	15.519	VV	33524	533926	2.52%	0.133%
241	15.540	15.519	15.562	VV	47816	998106	4.71%	0.249%
242	15.575	15.562	15.599	VV	36508	741473	3.50%	0.185%

Instrument :
FID_E
ClientSampleId :
B-2-5-1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
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rteres

243	15.666	15.599	15.705	VV	34239	2034909	9.59%	0.507%
244	15.772	15.705	15.805	VV	60922	2		
245	15.818	15.805	15.846	VV	34889			
246	15.867	15.846	15.887	VV	33990			
247	15.929	15.887	15.968	VV	64837	2		
248	16.007	15.968	16.032	VV	48802	1469379	6.93%	0.366%
249	16.063	16.032	16.101	VV	31534	1187670	5.60%	0.296%
250	16.127	16.101	16.164	VV	34030	1167860	5.51%	0.291%
251	16.201	16.164	16.222	VV	38823	1179258	5.56%	0.294%
252	16.242	16.222	16.277	VV	36901	1144497	5.40%	0.285%
253	16.290	16.277	16.311	VV	31147	608509	2.87%	0.152%
254	16.331	16.311	16.364	VV	29613	903505	4.26%	0.225%
255	16.376	16.364	16.390	VV	29561	430629	2.03%	0.107%
256	16.412	16.390	16.437	VV	35479	882757	4.16%	0.220%
257	16.451	16.437	16.488	VV	31189	903324	4.26%	0.225%
258	16.498	16.488	16.506	VV	27671	287312	1.35%	0.072%
259	16.538	16.506	16.567	VV	29867	1050442	4.95%	0.262%
260	16.619	16.567	16.684	VV	32648	2100318	9.90%	0.524%
261	16.727	16.684	16.764	VV	83808	2305929	10.87%	0.575%
262	16.788	16.764	16.828	VV	45761	1387352	6.54%	0.346%
263	16.900	16.828	16.925	VV	43076	1991576	9.39%	0.497%
264	16.955	16.925	16.964	VV	41226	859851	4.05%	0.214%
265	16.980	16.964	17.011	VV	44947	1051950	4.96%	0.262%
266	17.126	17.011	17.139	VV	42481	2531310	11.93%	0.631%
267	17.156	17.139	17.164	VV	43166	614484	2.90%	0.153%
268	17.184	17.164	17.235	VV	51076	1810911	8.54%	0.451%
269	17.266	17.235	17.318	VV	101654	2977202	14.04%	0.742%
270	17.349	17.318	17.365	VV	70721	1438710	6.78%	0.359%
271	17.416	17.365	17.463	VV	192525	4723992	22.27%	1.178%
272	17.507	17.463	17.532	VV	57363	1850551	8.72%	0.461%
273	17.551	17.532	17.595	VV	42446	1508061	7.11%	0.376%
274	17.618	17.595	17.657	VV	45622	1435874	6.77%	0.358%
275	17.715	17.657	17.787	VV	88480	3908348	18.43%	0.974%
276	17.816	17.787	17.845	VV	56066	1473653	6.95%	0.367%
277	17.867	17.845	17.891	VV	43719	1058163	4.99%	0.264%
278	17.923	17.891	17.940	VV	51043	1217078	5.74%	0.303%
279	17.964	17.940	17.983	VV	52782	1172860	5.53%	0.292%
280	17.997	17.983	18.021	VV	41395	838816	3.95%	0.209%
281	18.045	18.021	18.081	VV	45357	1349321	6.36%	0.336%
282	18.104	18.081	18.127	VV	38214	948276	4.47%	0.236%
283	18.161	18.127	18.182	VV	55901	1440762	6.79%	0.359%
284	18.197	18.182	18.218	VV	44867	891832	4.20%	0.222%
285	18.261	18.218	18.304	VV	63317	2501101	11.79%	0.624%

Instrument :
FID_E
ClientSampleId :
B-2-5-1

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
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286	18.340	18.304	18.378	VV	70394	2333255	11.00%	0.582%
287	18.400	18.378	18.431	VV	58826	1(		
288	18.488	18.431	18.554	VV	1105481	21		
289	18.638	18.554	18.663	VV	938744	17(		
290	18.681	18.663	18.768	VV	303724	7		
291	18.814	18.768	18.898	VV	139252	5905848	27.84%	1.472%
292	18.942	18.898	19.004	VV	150331	5988351	28.23%	1.493%
293	19.041	19.004	19.052	VV	60540	1655167	7.80%	0.413%
294	19.091	19.052	19.120	VV	468012	8716477	41.09%	2.173%
295	19.140	19.120	19.172	VV	199874	3924321	18.50%	0.978%
296	19.228	19.172	19.271	VV	181316	6565960	30.96%	1.637%
297	19.323	19.271	19.356	VV	373333	9045296	42.64%	2.255%
298	19.379	19.356	19.415	VV	115462	3643820	17.18%	0.908%
299	19.471	19.415	19.500	VV	603938	14079256	66.38%	3.510%
300	19.519	19.500	19.571	VV	232936	6681962	31.50%	1.666%
301	19.595	19.571	19.621	VV	167725	3864606	18.22%	0.964%
302	19.646	19.621	19.668	VV	211230	4267451	20.12%	1.064%
303	19.678	19.668	19.701	VV	115901	2210425	10.42%	0.551%
304	19.715	19.701	19.730	VV	115032	1989837	9.38%	0.496%
305	19.760	19.730	19.789	VV	170363	4894372	23.07%	1.220%
306	19.802	19.789	19.845	VV	127058	3006191	14.17%	0.749%
307	19.912	19.845	19.936	VV	173711	5550604	26.17%	1.384%
308	19.958	19.936	19.975	VV	173509	3182806	15.01%	0.794%
309	19.987	19.975	20.035	VV	137298	3450025	16.27%	0.860%
310	20.067	20.035	20.125	VV	99690	4298361	20.26%	1.072%
311	20.157	20.125	20.215	VV	122299	4680395	22.07%	1.167%
312	20.251	20.215	20.273	VV	126144	3378450	15.93%	0.842%
313	20.285	20.273	20.298	VV	87865	1288832	6.08%	0.321%
314	20.313	20.298	20.336	VV	92299	1940264	9.15%	0.484%
315	20.359	20.336	20.395	VV	80607	2578687	12.16%	0.643%
316	20.434	20.395	20.466	VV	118046	3884106	18.31%	0.968%
317	20.519	20.466	20.545	VV	94824	3854764	18.17%	0.961%
318	20.570	20.545	20.595	VV	76098	2155527	10.16%	0.537%
319	20.616	20.595	20.634	VV	78040	1743741	8.22%	0.435%
320	20.654	20.634	20.680	VV	77623	1979815	9.33%	0.494%
321	20.697	20.680	20.711	VV	72337	1342999	6.33%	0.335%
322	20.727	20.711	20.769	VV	74635	2353084	11.09%	0.587%
323	20.793	20.769	20.830	VV	67236	2351461	11.09%	0.586%
324	20.842	20.830	20.849	VV	62907	686245	3.24%	0.171%
325	20.857	20.849	20.881	VV	63084	1200278	5.66%	0.299%
326	20.892	20.881	20.925	VV	61963	1558711	7.35%	0.389%
327	20.947	20.925	20.968	VV	62739	1553054	7.32%	0.387%
328	21.019	20.968	21.078	VV	94481	4425539	20.86%	1.103%
329	21.115	21.078	21.204	VV	66854	4419083	20.83%	1.102%

Instrument :
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B-2-5-1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

rteres

330	21.228	21.204	21.251	VV	54951	1484034	7.00%	0.370%
331	21.265	21.251	21.273	VV	54259			
332	21.294	21.273	21.380	VV	56689	3(		
333	21.394	21.380	21.426	VV	45071	1:		
334	21.463	21.426	21.504	VV	39420	1712443	8.08%	0.427%
335	21.532	21.504	21.589	VV	39161	1670813	7.88%	0.417%
336	21.664	21.589	21.690	VV	39425	2070572	9.76%	0.516%
337	21.723	21.690	21.779	VV	43044	1942280	9.16%	0.484%
338	21.806	21.779	21.837	VV	28733	938796	4.43%	0.234%
339	21.868	21.837	21.905	VV	35591	1153177	5.44%	0.288%
340	21.929	21.905	21.975	VV	29001	977954	4.61%	0.244%
341	22.005	21.975	22.061	VV	25532	929809	4.38%	0.232%
342	22.124	22.061	22.170	VV	21903	1098624	5.18%	0.274%
343	22.219	22.170	22.280	VV	28870	1322872	6.24%	0.330%
344	22.326	22.280	22.365	VV	17997	662841	3.12%	0.165%
345	22.407	22.365	22.442	VV	15315	547611	2.58%	0.137%
346	22.452	22.442	22.507	VV	10131	179630	0.85%	0.045%

Sum of corrected areas: 401100554

Aliphatic EPH 080125.M Wed Aug 13 06:40:06 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081325AL\
Data File : FE055283.D
Signal(s) : FID1B.ch
Acq On : 13 Aug 2025 09:17
Operator : YP\AJ
Sample : Q2818-01DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
B-2-5-1DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

Integration File: sample.E
Quant Time: Aug 14 01:19:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:47:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.083	891597	6.244 ug/ml
Spiked Amount 50.000		Recovery =	12.49%
12) S 1-chlorooctadecane (S...	13.521	711160	6.614 ug/mlm
Spiked Amount 50.000		Recovery =	13.23%
Target Compounds			

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081325AL\
Data File : FE055283.D
Signal(s) : FID1B.ch
Acq On : 13 Aug 2025 09:17
Operator : YP\AJ
Sample : Q2818-01DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

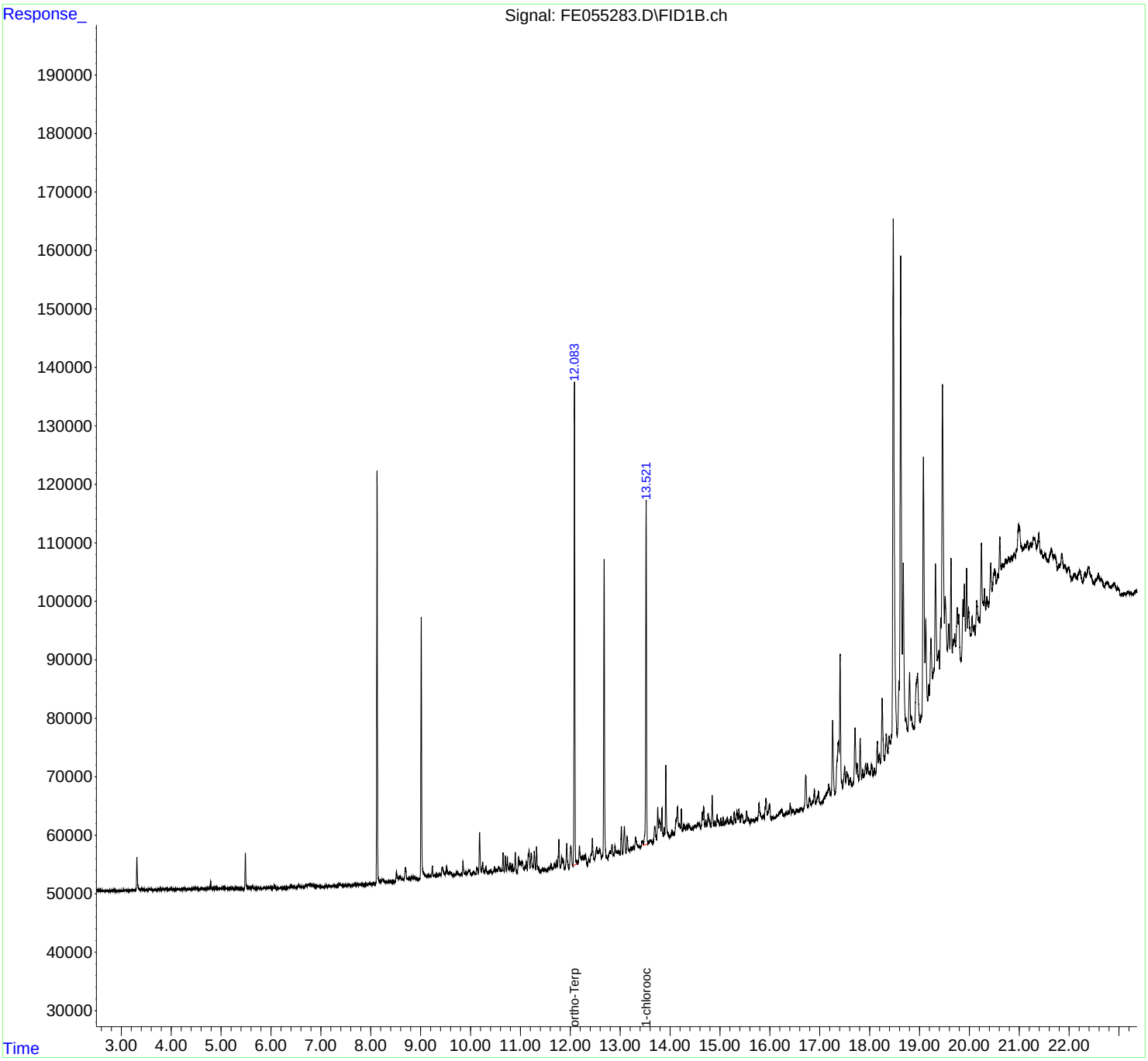
Integration File: sample.E
Quant Time: Aug 14 01:19:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:47:09 2025
Response via : Initial Calibration
Integrator: ChemStation

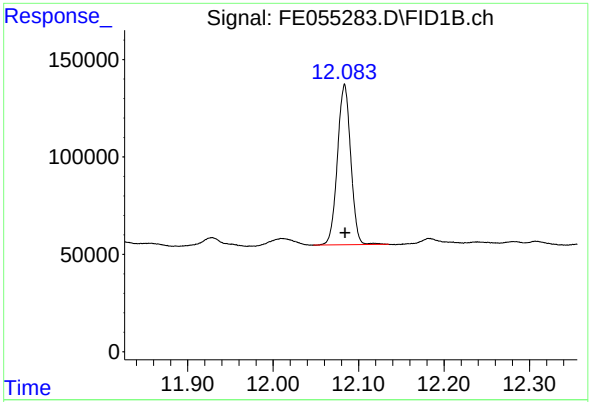
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Instrument :
FID_E
ClientSampleId :
B-2-5-1DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025





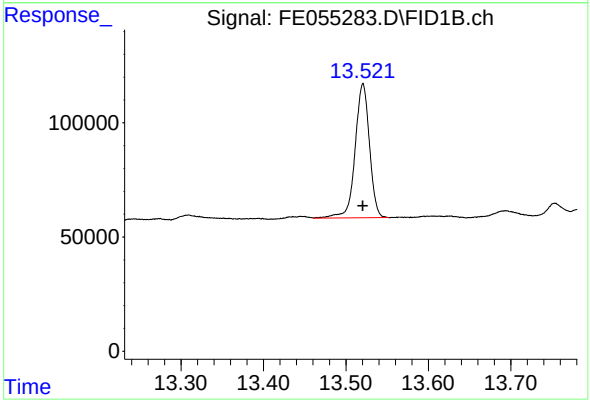
#9 ortho-Terphenyl (SURR)

R.T.: 12.083 min
Delta R.T.: 0.000 min
Response: 891597
Conc: 6.24 ug/ml

Instrument :
FID_E
ClientSampleId :
B-2-5-1DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 711160
Conc: 6.61 ug/ml m

Instrument :
FID_E
ClientSampleId :
B-2-5-1DL

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE
Data File : FE055283.D
Signal(s) : FID1B.ch
Acq On : 13 Aug 2025 09:17
Sample : Q2818-01DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.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	2.847	2.804	2.890	BV	118	1260	0.06%	0.003%
2	2.901	2.890	2.930	PV	81	847	0.04%	0.002%
3	2.961	2.930	2.974	PV	80	939	0.05%	0.002%
4	2.996	2.974	3.021	VH	127	1524	0.07%	0.003%
5	3.049	3.021	3.070	HH	128	2299	0.11%	0.005%
6	3.078	3.070	3.138	HH	155	3626	0.18%	0.008%
7	3.167	3.138	3.192	HH	155	3099	0.15%	0.007%
8	3.201	3.192	3.278	HH	143	6007	0.29%	0.014%
9	3.313	3.278	3.403	HH	5622	79824	3.89%	0.181%
10	3.422	3.403	3.451	HH	326	6998	0.34%	0.016%
11	3.460	3.451	3.509	HH	290	7638	0.37%	0.017%
12	3.518	3.509	3.534	HH	255	3235	0.16%	0.007%
13	3.541	3.534	3.548	HH	191	1617	0.08%	0.004%
14	3.562	3.548	3.599	HH	350	7149	0.35%	0.016%
15	3.672	3.653	3.724	HH	218	8430	0.41%	0.019%
16	3.779	3.724	3.805	HH	351	12553	0.61%	0.029%
17	3.895	3.805	3.924	HH	536	20495	1.00%	0.047%
18	3.938	3.924	3.958	HH	254	4632	0.23%	0.011%
19	4.043	4.034	4.093	HH	357	8667	0.42%	0.020%
20	4.105	4.093	4.110	HH	240	2337	0.11%	0.005%
21	4.123	4.110	4.192	HH	332	13487	0.66%	0.031%
22	4.210	4.192	4.224	HH	352	5698	0.28%	0.013%
23	4.318	4.304	4.341	HH	391	7147	0.35%	0.016%
24	4.354	4.341	4.368	HH	373	5265	0.26%	0.012%
25	4.374	4.368	4.397	HH	370	5488	0.27%	0.012%
26	4.460	4.397	4.568	HH	513	38735	1.89%	0.088%
27	4.576	4.568	4.593	HH	367	5559	0.27%	0.013%
28	4.635	4.621	4.664	HH	432	9924	0.48%	0.023%
29	4.679	4.664	4.718	HH	450	12785	0.62%	0.029%
30	4.749	4.718	4.770	HH	482	13485	0.66%	0.031%
31	4.851	4.837	4.890	HH	449	13087	0.64%	0.030%

Instrument :
FID_E
ClientSampleId :
B-2-5-1DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

rteres

32	5.051	5.011	5.118	HH	609	31406	1.53%	0.071%
33	5.191	5.178	5.224	HH	517	1160		
34	5.286	5.264	5.314	HH	492	1243		
35	5.337	5.314	5.381	HH	463	1526		
36	5.445	5.381	5.464	HH	436	1880		
37	5.486	5.464	5.539	HH	6427	84145	4.10%	0.191%
38	5.552	5.539	5.607	HH	610	20709	1.01%	0.047%
39	5.626	5.607	5.657	HH	838	17693	0.86%	0.040%
40	5.683	5.657	5.697	HH	511	11132	0.54%	0.025%
41	5.706	5.697	5.733	HH	503	9798	0.48%	0.022%
42	5.761	5.733	5.781	HH	562	13843	0.68%	0.031%
43	5.858	5.844	5.868	HH	559	7103	0.35%	0.016%
44	5.876	5.868	5.903	HH	525	10509	0.51%	0.024%
45	5.928	5.903	5.974	HH	644	21442	1.05%	0.049%
46	6.155	6.144	6.202	HH	494	17441	0.85%	0.040%
47	6.211	6.202	6.244	HH	521	12255	0.60%	0.028%
48	6.280	6.244	6.301	HH	592	18212	0.89%	0.041%
49	6.559	6.530	6.614	HH	1153	39391	1.92%	0.089%
50	6.628	6.614	6.669	HH	785	23676	1.15%	0.054%
51	6.698	6.669	6.728	HH	1001	29781	1.45%	0.068%
52	6.929	6.891	6.971	HH	883	38699	1.89%	0.088%
53	6.985	6.971	7.065	HH	844	39851	1.94%	0.090%
54	7.264	7.240	7.294	HH	894	26477	1.29%	0.060%
55	7.682	7.618	7.764	HH	1175	92794	4.53%	0.211%
56	7.781	7.764	7.811	HH	1140	30158	1.47%	0.068%
57	7.982	7.928	8.024	HH	1256	68367	3.33%	0.155%
58	8.061	8.024	8.085	HH	1471	45321	2.21%	0.103%
59	8.233	8.197	8.318	HH	1940	121715	5.94%	0.276%
60	8.384	8.318	8.404	HH	1676	81374	3.97%	0.185%
61	8.516	8.488	8.549	HH	3163	87222	4.25%	0.198%
62	8.770	8.754	8.793	HH	2275	50516	2.46%	0.115%
63	8.818	8.793	8.848	HH	2493	73630	3.59%	0.167%
64	8.867	8.848	8.961	HH	2480	148007	7.22%	0.336%
65	9.161	9.131	9.208	HH	2735	121581	5.93%	0.276%
66	9.235	9.208	9.299	HH	4237	158061	7.71%	0.359%
67	9.320	9.299	9.364	HH	2913	103898	5.07%	0.236%
68	9.383	9.364	9.404	HH	2983	66432	3.24%	0.151%
69	9.520	9.494	9.566	HH	4110	144928	7.07%	0.329%
70	9.850	9.781	9.888	HH	4910	204332	9.97%	0.464%
71	9.903	9.888	9.931	HH	3317	81170	3.96%	0.184%
72	10.306	10.279	10.378	HH	4167	200272	9.77%	0.455%
73	10.400	10.378	10.441	HH	3596	122177	5.96%	0.277%
74	10.479	10.441	10.503	HH	4136	131587	6.42%	0.299%
75	10.521	10.503	10.541	HH	3692	79668	3.89%	0.181%
76	10.796	10.771	10.818	HH	4725	115766	5.65%	0.263%
77	10.837	10.818	10.859	HH	4525	94197	4.59%	0.214%
78	11.171	11.137	11.194	HH	6884	184411	8.99%	0.419%
79	11.279	11.258	11.303	HH	6822	141393	6.90%	0.321%

Instrument :
FID_E
ClientSampleId :
B-2-5-1DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

rteres

80	11.443	11.414	11.460	HH	3859	97954	4.78%	0.222%
81	11.685	11.641	11.711	HH	4617	17535		
82	11.829	11.801	11.891	HH	5850	25541		
83	11.928	11.891	11.971	HH	8125	25209		
84	12.011	11.971	12.047	HH	7667	25387		
85	12.083	12.047	12.144	HH	86901	1154577	56.32%	2.622%
86	12.184	12.144	12.222	HH	7604	274975	13.41%	0.624%
87	12.240	12.222	12.263	HH	5903	137506	6.71%	0.312%
88	12.282	12.263	12.294	HH	6092	108806	5.31%	0.247%
89	12.308	12.294	12.342	HH	6282	151755	7.40%	0.345%
90	12.371	12.342	12.389	HH	5490	142587	6.95%	0.324%
91	12.589	12.571	12.624	HH	7214	210006	10.24%	0.477%
92	12.678	12.624	12.754	HH	56808	1030280	50.25%	2.340%
93	12.796	12.754	12.811	HH	6908	216390	10.55%	0.491%
94	12.835	12.811	12.874	HH	7907	258085	12.59%	0.586%
95	12.966	12.951	12.993	HH	6675	166035	8.10%	0.377%
96	13.210	13.186	13.227	HH	7597	177532	8.66%	0.403%
97	13.309	13.227	13.374	HH	9136	686914	33.51%	1.560%
98	13.390	13.374	13.408	HH	7641	151244	7.38%	0.343%
99	13.444	13.408	13.464	HH	8619	273883	13.36%	0.622%
100	13.520	13.464	13.581	HH	66834	1270575	61.97%	2.885%
101	13.605	13.581	13.648	HH	8707	340334	16.60%	0.773%
102	13.694	13.648	13.726	HH	11069	446904	21.80%	1.015%
103	13.838	13.821	13.864	HH	14202	297175	14.50%	0.675%
104	14.037	13.994	14.084	VV	9571	479562	23.39%	1.089%
105	14.227	14.204	14.251	VV	12369	284985	13.90%	0.647%
106	14.333	14.313	14.354	VV	8948	218077	10.64%	0.495%
107	14.374	14.354	14.424	VV	8994	354929	17.31%	0.806%
108	14.672	14.612	14.701	VV	10730	459669	22.42%	1.044%
109	14.718	14.701	14.737	VV	8135	161976	7.90%	0.368%
110	15.020	15.001	15.048	VV	6991	175947	8.58%	0.400%
111	15.063	15.048	15.084	VV	6714	136598	6.66%	0.310%
112	15.145	15.084	15.181	VV	6413	342867	16.72%	0.779%
113	15.340	15.311	15.361	VV	6865	176522	8.61%	0.401%
114	15.432	15.404	15.481	VV	5792	231409	11.29%	0.525%
115	15.534	15.481	15.601	VV	5776	317839	15.50%	0.722%
116	15.864	15.844	15.883	VV	3680	78576	3.83%	0.178%
117	15.993	15.950	16.034	VV	5059	181130	8.83%	0.411%
118	16.056	16.034	16.091	VV	2443	74670	3.64%	0.170%
119	16.408	16.289	16.431	VV	3004	155906	7.60%	0.354%
120	16.536	16.494	16.558	VV	1387	43910	2.14%	0.100%
121	16.630	16.558	16.664	VV	1334	66968	3.27%	0.152%
122	16.720	16.664	16.771	VV	6243	152381	7.43%	0.346%
123	16.798	16.771	16.829	VV	2134	50591	2.47%	0.115%
124	16.893	16.829	16.921	VV	3027	84319	4.11%	0.191%
125	16.975	16.921	17.018	VV	2391	68449	3.34%	0.155%
126	17.179	17.018	17.221	VV	2636	128161	6.25%	0.291%

Instrument :
FID_E
ClientSampleId :
B-2-5-1DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/14/2025
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rteres

127	17.260	17.221	17.308	VV	13213	233477	11.39%	0.530%
128	17.409	17.308	17.461	VV	24121	62609		
129	17.500	17.461	17.523	VV	4157	9377		
130	17.545	17.523	17.588	VV	3074	8350		
131	17.708	17.648	17.734	VV	9848	18818		
132	17.750	17.734	17.781	VV	3461	65257	3.18%	0.148%
133	17.811	17.781	17.840	VV	7603	117890	5.75%	0.268%
134	17.861	17.840	17.881	VV	2012	31041	1.51%	0.070%
135	18.038	18.008	18.068	VV	1924	41606	2.03%	0.094%
136	18.094	18.068	18.118	PV	1151	16433	0.80%	0.037%
137	18.154	18.118	18.174	PV	5307	80702	3.94%	0.183%
138	18.194	18.174	18.221	VV	2763	54770	2.67%	0.124%
139	18.335	18.297	18.368	VV	5253	126584	6.17%	0.287%
140	18.392	18.368	18.421	VV	4405	108574	5.30%	0.247%
141	18.475	18.421	18.554	VV	90880	2050150	100.00%	4.656%
142	18.623	18.554	18.655	VV	85573	1724339	84.11%	3.916%
143	18.674	18.655	18.761	VV	31945	743757	36.28%	1.689%
144	18.801	18.761	18.891	VV	12371	392383	19.14%	0.891%
145	18.959	18.891	19.010	VV	10825	452068	22.05%	1.027%
146	19.079	19.010	19.109	VV	46738	967357	47.18%	2.197%
147	19.125	19.109	19.163	VV	18846	369867	18.04%	0.840%
148	19.230	19.163	19.263	VV	14583	536275	26.16%	1.218%
149	19.321	19.263	19.358	VV	26707	804724	39.25%	1.827%
150	19.383	19.358	19.401	VV	11137	274404	13.38%	0.623%
151	19.587	19.560	19.606	VV	14722	348011	16.97%	0.790%
152	19.632	19.606	19.658	VV	25510	500445	24.41%	1.136%
153	19.705	19.658	19.724	VV	12140	432915	21.12%	0.983%
154	19.900	19.834	19.922	VV	19386	710127	34.64%	1.613%
155	19.945	19.922	20.026	VV	21647	843806	41.16%	1.916%
156	20.056	20.026	20.078	VV	12611	336961	16.44%	0.765%
157	20.094	20.078	20.114	VV	10813	221240	10.79%	0.502%
158	20.151	20.114	20.207	VV	14548	656778	32.04%	1.491%
159	20.242	20.207	20.284	VV	23707	730992	35.66%	1.660%
160	20.350	20.328	20.386	VV	13726	448397	21.87%	1.018%
161	20.429	20.386	20.456	VV	18770	635229	30.98%	1.442%
162	20.611	20.541	20.638	VV	22010	1003122	48.93%	2.278%
163	20.662	20.638	20.681	VV	17042	430303	20.99%	0.977%
164	20.788	20.681	20.815	VV	17285	1354008	66.04%	3.075%
165	20.841	20.815	20.864	VV	17151	492563	24.03%	1.119%
166	20.894	20.864	20.921	VV	17125	570352	27.82%	1.295%
167	20.985	20.921	21.063	VV	21314	1578188	76.98%	3.584%
168	21.115	21.063	21.135	VV	17041	724352	35.33%	1.645%
169	21.161	21.135	21.190	VV	17192	546093	26.64%	1.240%
170	21.230	21.190	21.251	VV	16442	591812	28.87%	1.344%
171	21.290	21.251	21.348	VV	16890	936833	45.70%	2.127%
172	21.644	21.591	21.684	VV	12246	645201	31.47%	1.465%
173	21.700	21.684	21.767	VV	10926	494206	24.11%	1.122%
174	21.795	21.767	21.811	VV	8543	217708	10.62%	0.494%

Instrument :
FID_E
ClientSampleId :
B-2-5-1DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/14/2025
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					rteres				
175	21.853	21.811	21.891	VV	9690	418059	20.39%	0.949%	
176	21.913	21.891	21.958	VV	7479	28317			
177	21.991	21.958	22.062	VV	6692	34544			
178	22.104	22.062	22.144	VV	4689	21435			
179	22.214	22.144	22.268	VV	4440	27265			
180	22.317	22.268	22.343	VV	3471	121405	5.92%	0.276%	
181	22.390	22.343	22.504	VV	3678	198921	9.70%	0.452%	
					Sum of corrected areas:		44037048		

Aliphatic EPH 080125.M Thu Aug 14 05:19:24 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
Data File : FE055260.D
Signal(s) : FID1B.ch
Acq On : 12 Aug 2025 16:57
Operator : YP\AJ
Sample : Q2818-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
B-3-5-2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
Quant Time: Aug 13 04:05:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:47:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.091	6816848	47.736 ug/mlm
Spiked Amount 50.000		Recovery =	95.47%
12) S 1-chlorooctadecane (S...	13.527	5219546	48.543 ug/mlm
Spiked Amount 50.000		Recovery =	97.09%
Target Compounds			

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

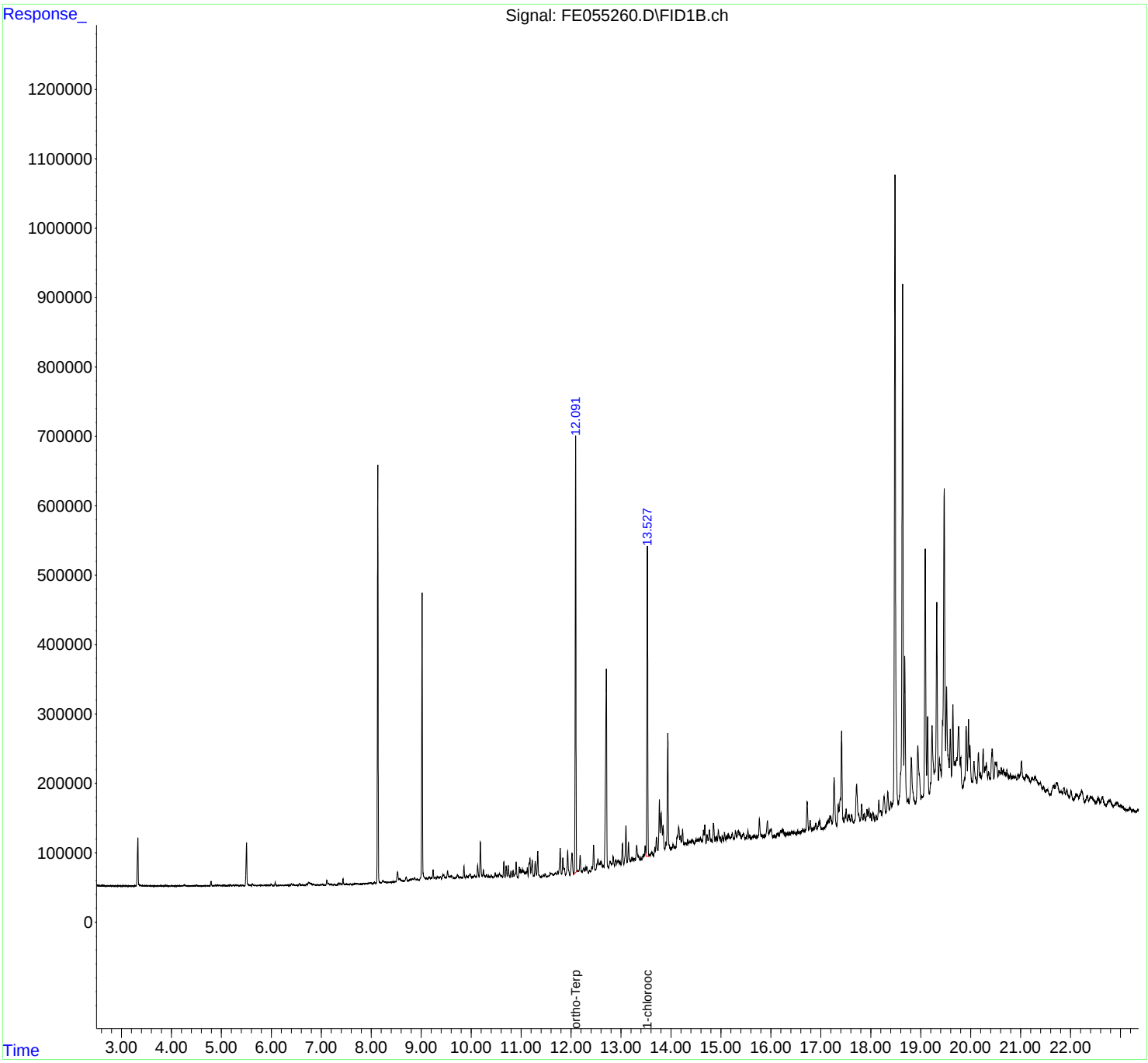
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
Data File : FE055260.D
Signal(s) : FID1B.ch
Acq On : 12 Aug 2025 16:57
Operator : YP\AJ
Sample : Q2818-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

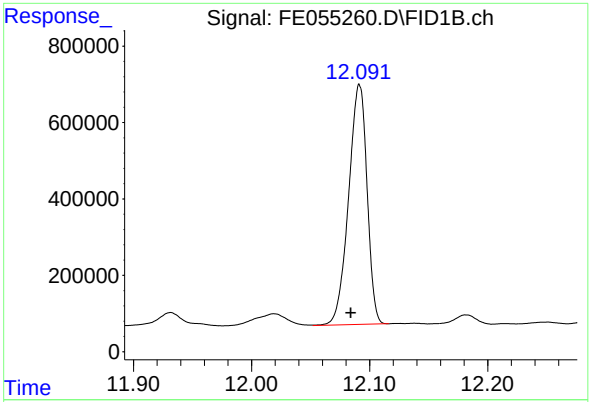
Instrument :
FID_E
ClientSampleId :
B-3-5-2

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
Quant Time: Aug 13 04:05:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:47:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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





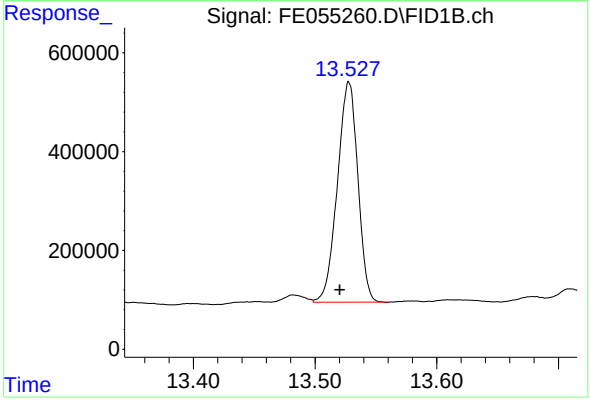
#9 ortho-Terphenyl (SURR)

R.T.: 12.091 min
Delta R.T.: 0.007 min
Response: 6816848
Conc: 47.74 ug/ml

Instrument :
FID_E
ClientSampleId :
B-3-5-2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025



#12 1-chlorooctadecane (SURR)

R.T.: 13.527 min
Delta R.T.: 0.007 min
Response: 5219546
Conc: 48.54 ug/ml m

Instrument :
FID_E
ClientSampleId :
B-3-5-2

rteres

Area Percent

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Da
Data File : FE055260.D
Signal(s) : FID1B.ch
Acq On : 12 Aug 2025 16:57
Sample : Q2818-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.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	2.833	2.804	2.886	BV	417	8561	0.05%	0.003%
2	2.899	2.886	2.977	VV	323	6995	0.04%	0.002%
3	2.988	2.977	3.014	VV	101	1486	0.01%	0.000%
4	3.031	3.014	3.080	VV	461	10583	0.06%	0.004%
5	3.105	3.080	3.133	VV	819	11495	0.07%	0.004%
6	3.151	3.133	3.195	VV	304	6514	0.04%	0.002%
7	3.276	3.195	3.290	PV	480	12863	0.08%	0.004%
8	3.328	3.290	3.401	VV	69544	905371	5.32%	0.301%
9	3.417	3.401	3.458	VV	1060	27271	0.16%	0.009%
10	3.460	3.458	3.518	VV	780	17428	0.10%	0.006%
11	3.556	3.518	3.591	VV	786	22294	0.13%	0.007%
12	3.608	3.591	3.658	VV	430	12978	0.08%	0.004%
13	3.664	3.658	3.707	VV	308	6090	0.04%	0.002%
14	3.719	3.707	3.729	VV	264	2777	0.02%	0.001%
15	3.784	3.729	3.838	VV	859	24711	0.15%	0.008%
16	3.892	3.838	3.918	VV	958	21126	0.12%	0.007%
17	3.933	3.918	3.971	VV	325	5316	0.03%	0.002%
18	4.008	3.971	4.027	VV	698	9468	0.06%	0.003%
19	4.047	4.027	4.090	VV	342	6769	0.04%	0.002%
20	4.127	4.090	4.177	VV	742	14349	0.08%	0.005%
21	4.211	4.177	4.224	VV	908	10083	0.06%	0.003%
22	4.240	4.224	4.253	VV	1027	12236	0.07%	0.004%
23	4.267	4.253	4.298	VV	1592	21650	0.13%	0.007%
24	4.317	4.298	4.369	VV	485	9760	0.06%	0.003%
25	4.412	4.369	4.424	PV	551	9910	0.06%	0.003%

Instrument :
FID_E
ClientSampleId :
B-3-5-2

rteres

26	4.446	4.424	4.479	VV	601	13603	0.08%	0.005%
27	4.500	4.479	4.552	VV	1468			
28	4.560	4.552	4.592	VV	256			
29	4.633	4.592	4.660	VV	290			
30	4.681	4.660	4.712	VV	421			
31	4.723	4.712	4.735	VV	376	3791	0.02%	0.001%
32	4.757	4.735	4.769	VV	638	8693	0.05%	0.003%
33	4.793	4.769	4.827	VV	7038	80898	0.48%	0.027%
34	4.849	4.827	4.864	VV	799	10635	0.06%	0.004%
35	4.880	4.864	4.891	VV	720	8465	0.05%	0.003%
36	4.932	4.891	4.998	VV	982	44243	0.26%	0.015%
37	5.051	4.998	5.118	VV	1200	42403	0.25%	0.014%
38	5.169	5.118	5.217	VV	1232	36903	0.22%	0.012%
39	5.239	5.217	5.274	VV	737	17737	0.10%	0.006%
40	5.289	5.274	5.311	VV	1468	18123	0.11%	0.006%
41	5.335	5.311	5.360	VV	652	12621	0.07%	0.004%
42	5.386	5.360	5.414	VV	644	13869	0.08%	0.005%
43	5.427	5.414	5.468	VV	610	10522	0.06%	0.003%
44	5.503	5.468	5.601	VV	61385	801512	4.71%	0.266%
45	5.623	5.601	5.661	VV	3039	46075	0.27%	0.015%
46	5.666	5.661	5.684	VV	515	6190	0.04%	0.002%
47	5.694	5.684	5.737	VV	425	9220	0.05%	0.003%
48	5.757	5.737	5.778	VV	1334	16782	0.10%	0.006%
49	5.796	5.778	5.811	VV	797	10437	0.06%	0.003%
50	5.820	5.811	5.838	VV	451	5647	0.03%	0.002%
51	5.854	5.838	5.868	VV	656	7958	0.05%	0.003%
52	5.884	5.868	5.898	VV	619	7722	0.05%	0.003%
53	5.929	5.898	5.974	VV	974	22723	0.13%	0.008%
54	5.995	5.974	6.041	VV	2269	34093	0.20%	0.011%
55	6.077	6.041	6.104	PV	4945	50397	0.30%	0.017%
56	6.127	6.104	6.141	VV	353	4551	0.03%	0.002%
57	6.153	6.141	6.168	VV	232	2097	0.01%	0.001%
58	6.182	6.168	6.196	VV	303	3480	0.02%	0.001%
59	6.219	6.196	6.236	VV	667	7975	0.05%	0.003%
60	6.285	6.236	6.314	VV	476	10761	0.06%	0.004%
61	6.339	6.314	6.351	VV	394	6076	0.04%	0.002%
62	6.402	6.351	6.428	VV	2662	43248	0.25%	0.014%
63	6.443	6.428	6.485	VV	1213	24019	0.14%	0.008%
64	6.511	6.485	6.535	VV	486	8906	0.05%	0.003%
65	6.560	6.535	6.580	VV	3049	35407	0.21%	0.012%
66	6.591	6.580	6.607	VV	800	7713	0.05%	0.003%
67	6.623	6.607	6.651	VV	842	12691	0.07%	0.004%
68	6.660	6.651	6.677	VV	381	4689	0.03%	0.002%
69	6.696	6.677	6.712	PV	1700	21157	0.12%	0.007%

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70	6.746	6.712	6.831	VV	4317	170487	1.00%	0.057%
71	6.842	6.831	6.901	VV	1138			
72	6.930	6.901	6.960	VV	974			
73	6.989	6.960	7.001	VV	777			
74	7.027	7.001	7.069	VV	1057			
75	7.111	7.069	7.132	VV	7304	94925	0.56%	0.032%
76	7.145	7.132	7.177	VV	2070	40925	0.24%	0.014%
77	7.193	7.177	7.238	VV	1336	25637	0.15%	0.009%
78	7.262	7.238	7.304	PV	1415	18918	0.11%	0.006%
79	7.345	7.304	7.359	PV	3198	37417	0.22%	0.012%
80	7.373	7.359	7.392	VV	2950	36496	0.21%	0.012%
81	7.407	7.392	7.416	VV	1527	18247	0.11%	0.006%
82	7.435	7.416	7.463	VV	8893	98222	0.58%	0.033%
83	7.481	7.463	7.494	VV	1150	16207	0.10%	0.005%
84	7.507	7.494	7.523	VV	965	14651	0.09%	0.005%
85	7.581	7.523	7.617	VV	1902	40135	0.24%	0.013%
86	7.641	7.617	7.651	PV	1116	12118	0.07%	0.004%
87	7.679	7.651	7.698	VV	1655	32535	0.19%	0.011%
88	7.707	7.698	7.744	VV	1258	27979	0.16%	0.009%
89	7.755	7.744	7.788	VV	942	17182	0.10%	0.006%
90	7.806	7.788	7.819	VV	548	8092	0.05%	0.003%
91	7.842	7.819	7.887	VV	1660	39250	0.23%	0.013%
92	7.900	7.887	7.912	VV	933	11828	0.07%	0.004%
93	7.929	7.912	7.941	VV	1097	15529	0.09%	0.005%
94	7.982	7.941	7.991	VV	1509	37758	0.22%	0.013%
95	8.000	7.991	8.038	VV	1476	24301	0.14%	0.008%
96	8.062	8.038	8.088	VV	2669	38666	0.23%	0.013%
97	8.228	8.187	8.308	VV	4517	169118	0.99%	0.056%
98	8.322	8.308	8.331	VV	1621	19965	0.12%	0.007%
99	8.345	8.331	8.365	VV	1760	29714	0.17%	0.010%
100	8.390	8.365	8.405	VV	1670	34184	0.20%	0.011%
101	8.424	8.405	8.458	VV	2079	55342	0.33%	0.018%
102	8.478	8.458	8.493	VV	2324	40391	0.24%	0.013%
103	8.527	8.493	8.551	VV	15979	304942	1.79%	0.101%
104	8.566	8.551	8.639	VV	5683	218201	1.28%	0.072%
105	8.653	8.639	8.666	VV	2809	42525	0.25%	0.014%
106	8.698	8.666	8.729	VV	7703	183187	1.08%	0.061%
107	8.744	8.729	8.756	VV	3336	45259	0.27%	0.015%
108	8.774	8.756	8.800	VV	4593	102314	0.60%	0.034%
109	8.819	8.800	8.851	VV	5528	140499	0.83%	0.047%
110	8.869	8.851	8.899	VV	6775	142975	0.84%	0.047%
111	8.925	8.899	8.960	VV	4606	135861	0.80%	0.045%
112	9.086	9.078	9.128	VV	5365	144006	0.85%	0.048%

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113	9.167	9.128	9.183	VV	7128	184798	1.09%	0.061%	
114	9.201	9.183	9.215	VV	5364				
115	9.238	9.215	9.259	VV	16651				
116	9.277	9.259	9.301	VV	5724				
117	9.324	9.301	9.336	VV	6746				
118	9.350	9.336	9.370	VV	6397	114522	0.67%	0.038%	
119	9.386	9.370	9.407	VV	7057	126991	0.75%	0.042%	
120	9.450	9.407	9.484	VV	8790	318694	1.87%	0.106%	
121	9.528	9.484	9.568	VV	14826	394463	2.32%	0.131%	
122	9.583	9.568	9.597	VV	7559	111881	0.66%	0.037%	
123	9.613	9.597	9.667	VV	6998	217021	1.28%	0.072%	
124	9.726	9.667	9.781	VV	8487	357786	2.10%	0.119%	
125	9.794	9.781	9.833	VV	4776	132192	0.78%	0.044%	
126	9.856	9.833	9.886	VV	20629	300247	1.77%	0.100%	
127	9.904	9.886	9.924	VV	6470	117711	0.69%	0.039%	
128	9.979	9.924	10.016	VV	8477	327844	1.93%	0.109%	
129	10.035	10.016	10.043	VV	4794	71863	0.42%	0.024%	
130	10.067	10.043	10.107	VV	6773	196002	1.15%	0.065%	
131	10.130	10.107	10.160	VV	21293	341812	2.01%	0.114%	
132	10.185	10.160	10.219	VV	54384	762063	4.48%	0.253%	
133	10.246	10.219	10.284	VV	14008	296283	1.74%	0.098%	
134	10.309	10.284	10.331	VV	7325	148552	0.87%	0.049%	
135	10.346	10.331	10.358	VV	4900	67541	0.40%	0.022%	
136	10.369	10.358	10.384	VV	4150	55590	0.33%	0.018%	
137	10.402	10.384	10.441	VV	6487	136826	0.80%	0.045%	
138	10.481	10.441	10.508	VV	9293	210378	1.24%	0.070%	
139	10.523	10.508	10.541	VV	6040	94586	0.56%	0.031%	
140	10.565	10.541	10.599	VV	7296	194003	1.14%	0.064%	
141	10.610	10.599	10.630	VV	5164	73203	0.43%	0.024%	
142	10.654	10.630	10.678	VV	24549	318238	1.87%	0.106%	
143	10.701	10.678	10.723	VV	18377	255942	1.50%	0.085%	
144	10.742	10.723	10.775	VV	19023	276143	1.62%	0.092%	
145	10.798	10.775	10.820	VV	10592	161149	0.95%	0.054%	
146	10.839	10.820	10.858	VV	11251	142376	0.84%	0.047%	
147	10.901	10.858	10.937	VV	23302	379073	2.23%	0.126%	
148	10.964	10.937	10.978	VV	16105	206345	1.21%	0.069%	
149	10.991	10.978	11.004	VV	12603	157186	0.92%	0.052%	
150	11.034	11.004	11.045	VV	12635	246606	1.45%	0.082%	
151	11.054	11.045	11.068	VV	10752	123705	0.73%	0.041%	
152	11.077	11.068	11.087	VV	7535	73154	0.43%	0.024%	
153	11.099	11.087	11.109	VV	9113	104628	0.62%	0.035%	
154	11.125	11.109	11.141	VV	14798	175819	1.03%	0.058%	
155	11.177	11.141	11.195	VV	28582	560118	3.29%	0.186%	

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156	11.223	11.195	11.252	VV	25504	432637	2.54%	0.144%
157	11.282	11.252	11.307	VV	23005			
158	11.333	11.307	11.384	VV	38364			
159	11.401	11.384	11.417	PV	1830			
160	11.444	11.417	11.460	VV	3529			
161	11.482	11.460	11.524	VV	4752	74962	0.44%	0.025%
162	11.540	11.524	11.553	VV	1517	16266	0.10%	0.005%
163	11.588	11.553	11.602	VV	5081	89182	0.52%	0.030%
164	11.620	11.602	11.638	VV	4194	74527	0.44%	0.025%
165	11.682	11.638	11.715	VV	4679	143357	0.84%	0.048%
166	11.732	11.715	11.745	VV	7226	86816	0.51%	0.029%
167	11.782	11.745	11.811	VV	39538	585990	3.45%	0.195%
168	11.835	11.811	11.888	VV	25669	466430	2.74%	0.155%
169	11.931	11.888	11.976	VV	35011	546742	3.21%	0.182%
170	12.019	11.976	12.052	PV	31367	582281	3.42%	0.193%
171	12.091	12.052	12.151	VV	631837	7002031	41.16%	2.326%
172	12.182	12.151	12.205	VV	26958	389020	2.29%	0.129%
173	12.215	12.205	12.224	VV	3624	36316	0.21%	0.012%
174	12.249	12.224	12.267	VV	7207	134031	0.79%	0.045%
175	12.285	12.267	12.298	VV	8434	109412	0.64%	0.036%
176	12.314	12.298	12.344	VV	9425	140342	0.83%	0.047%
177	12.369	12.344	12.391	PV	3442	51764	0.30%	0.017%
178	12.416	12.391	12.427	VV	8738	109328	0.64%	0.036%
179	12.451	12.427	12.481	VV	39113	539558	3.17%	0.179%
180	12.538	12.481	12.574	VV	18403	555823	3.27%	0.185%
181	12.594	12.574	12.625	VV	13906	337067	1.98%	0.112%
182	12.643	12.625	12.655	VV	8464	126534	0.74%	0.042%
183	12.706	12.655	12.751	VV	284621	4834338	28.42%	1.606%
184	12.785	12.751	12.818	VV	12021	349576	2.06%	0.116%
185	12.842	12.818	12.870	VV	18186	349756	2.06%	0.116%
186	12.899	12.870	12.916	VV	13587	276849	1.63%	0.092%
187	12.940	12.916	12.971	VV	11564	330700	1.94%	0.110%
188	12.980	12.971	12.998	VV	9290	128644	0.76%	0.043%
189	13.029	12.998	13.055	VV	35339	575498	3.38%	0.191%
190	13.099	13.055	13.123	VV	60591	970351	5.70%	0.322%
191	13.150	13.123	13.198	VV	35577	717201	4.22%	0.238%
192	13.219	13.198	13.233	VV	14049	235243	1.38%	0.078%
193	13.247	13.233	13.261	VV	11673	188528	1.11%	0.063%
194	13.273	13.261	13.288	VV	11073	167460	0.98%	0.056%
195	13.314	13.288	13.382	VV	29922	914439	5.38%	0.304%
196	13.399	13.382	13.418	VV	10862	209177	1.23%	0.069%
197	13.483	13.418	13.498	VV	27101	779641	4.58%	0.259%
198	13.528	13.498	13.560	VV	458811	5685919	33.43%	1.889%
199	13.580	13.560	13.590	VV	14327	245691	1.44%	0.082%

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200	13.612	13.590	13.654	VV	16298	556673	3.27%	0.185%
201	13.679	13.654	13.690	VV	22343			
202	13.710	13.690	13.736	VV	37599			
203	13.769	13.736	13.786	VV	89892	1		
204	13.803	13.786	13.831	VV	71780	1		
205	13.844	13.831	13.878	VV	53032	983026	5.78%	0.327%
206	13.937	13.878	13.996	VV	186958	3522842	20.71%	1.170%
207	14.044	13.996	14.061	VV	23708	791473	4.65%	0.263%
208	14.074	14.061	14.093	VV	20656	384063	2.26%	0.128%
209	14.155	14.093	14.177	VV	48520	1717272	10.10%	0.570%
210	14.189	14.177	14.209	VV	34810	586165	3.45%	0.195%
211	14.233	14.209	14.259	VV	43700	953295	5.60%	0.317%
212	14.280	14.259	14.290	VV	23556	432293	2.54%	0.144%
213	14.301	14.290	14.315	VV	23943	345527	2.03%	0.115%
214	14.337	14.315	14.354	VV	26519	569050	3.35%	0.189%
215	14.378	14.354	14.394	VV	25358	582910	3.43%	0.194%
216	14.434	14.394	14.472	VV	25953	1127275	6.63%	0.374%
217	14.501	14.472	14.527	VV	26411	793699	4.67%	0.264%
218	14.539	14.527	14.556	VV	27301	454570	2.67%	0.151%
219	14.578	14.556	14.588	VV	27597	500121	2.94%	0.166%
220	14.597	14.588	14.618	VV	27209	438195	2.58%	0.146%
221	14.650	14.618	14.662	VV	38462	780818	4.59%	0.259%
222	14.678	14.662	14.702	VV	46206	825723	4.85%	0.274%
223	14.726	14.702	14.748	VV	30889	698647	4.11%	0.232%
224	14.769	14.748	14.796	VV	37599	847779	4.98%	0.282%
225	14.807	14.796	14.825	VV	23314	390912	2.30%	0.130%
226	14.851	14.825	14.881	VV	46369	1072560	6.31%	0.356%
227	14.903	14.881	14.925	VV	26107	639602	3.76%	0.212%
228	14.949	14.925	15.006	VV	34666	1245438	7.32%	0.414%
229	15.026	15.006	15.051	VV	27097	626483	3.68%	0.208%
230	15.073	15.051	15.096	VV	31547	665126	3.91%	0.221%
231	15.111	15.096	15.125	VV	25083	403685	2.37%	0.134%
232	15.152	15.125	15.194	VV	28281	1002190	5.89%	0.333%
233	15.227	15.194	15.265	VV	29932	1019544	5.99%	0.339%
234	15.292	15.265	15.319	VV	31220	829331	4.88%	0.275%
235	15.347	15.319	15.370	VV	31026	822364	4.83%	0.273%
236	15.383	15.370	15.411	VV	27466	595282	3.50%	0.198%
237	15.449	15.411	15.482	VV	26405	968700	5.69%	0.322%
238	15.505	15.482	15.517	VV	19955	405936	2.39%	0.135%
239	15.540	15.517	15.558	VV	29633	579016	3.40%	0.192%
240	15.578	15.558	15.609	VV	22029	602434	3.54%	0.200%
241	15.638	15.609	15.649	VV	20187	457781	2.69%	0.152%
242	15.654	15.649	15.660	VV	19425	126573	0.74%	0.042%

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243	15.671	15.660	15.700	VV	20703	459216	2.70%	0.153%
244	15.712	15.700	15.731	VV	19411			
245	15.770	15.731	15.847	VV	43878	1		
246	15.877	15.847	15.888	VV	19070			
247	15.930	15.888	15.959	VV	40009	1		
248	16.004	15.959	16.036	VV	27937	1037509	6.10%	0.345%
249	16.061	16.036	16.072	VV	17142	344914	2.03%	0.115%
250	16.078	16.072	16.092	VV	17028	192940	1.13%	0.064%
251	16.123	16.092	16.142	VV	18589	515931	3.03%	0.171%
252	16.147	16.142	16.169	VV	18447	282543	1.66%	0.094%
253	16.240	16.169	16.280	VV	24171	1360422	8.00%	0.452%
254	16.290	16.280	16.308	VV	18131	287432	1.69%	0.095%
255	16.328	16.308	16.350	VV	16661	415798	2.44%	0.138%
256	16.365	16.350	16.386	VV	16841	347601	2.04%	0.115%
257	16.414	16.386	16.434	VV	20088	498676	2.93%	0.166%
258	16.451	16.434	16.504	VV	18047	713952	4.20%	0.237%
259	16.511	16.504	16.517	VV	15891	121255	0.71%	0.040%
260	16.537	16.517	16.556	VV	18725	394383	2.32%	0.131%
261	16.565	16.556	16.573	VV	16619	162315	0.95%	0.054%
262	16.628	16.573	16.673	VV	19558	1066576	6.27%	0.354%
263	16.726	16.673	16.762	VV	59231	1614365	9.49%	0.536%
264	16.786	16.762	16.819	VV	31216	809911	4.76%	0.269%
265	16.898	16.819	16.928	VV	25939	1298716	7.64%	0.431%
266	16.980	16.928	17.020	VV	29874	1246125	7.33%	0.414%
267	17.031	17.020	17.058	VV	18294	395521	2.33%	0.131%
268	17.098	17.058	17.106	VV	22182	562445	3.31%	0.187%
269	17.125	17.106	17.133	VV	26467	383781	2.26%	0.127%
270	17.149	17.133	17.158	VV	27507	398505	2.34%	0.132%
271	17.186	17.158	17.227	VV	34388	1212375	7.13%	0.403%
272	17.267	17.227	17.316	VV	88507	2360818	13.88%	0.784%
273	17.348	17.316	17.364	VV	49338	1016646	5.98%	0.338%
274	17.416	17.364	17.463	VV	151768	3749648	22.04%	1.246%
275	17.507	17.463	17.528	VV	41199	1199134	7.05%	0.398%
276	17.570	17.528	17.592	VV	31086	1065123	6.26%	0.354%
277	17.618	17.592	17.664	VV	31306	1065590	6.26%	0.354%
278	17.716	17.664	17.781	VV	75222	2724949	16.02%	0.905%
279	17.817	17.781	17.843	VV	44374	1113205	6.54%	0.370%
280	17.868	17.843	17.890	VV	30400	715102	4.20%	0.238%
281	17.924	17.890	17.943	VV	35996	917893	5.40%	0.305%
282	17.963	17.943	17.984	VV	36899	766981	4.51%	0.255%
283	17.999	17.984	18.018	VV	28110	505223	2.97%	0.168%
284	18.042	18.018	18.083	VV	30507	968591	5.69%	0.322%
285	18.104	18.083	18.134	VV	26053	683098	4.02%	0.227%

Instrument :
FID_E
ClientSampleId :
B-3-5-2

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

286	18.161	18.134	18.182	VV	46905	992572	5.84%	0.330%	
287	18.196	18.182	18.220	VV	32224				
288	18.266	18.220	18.301	VV	51558	1			
289	18.339	18.301	18.371	VV	56755	1			
290	18.399	18.371	18.425	VV	43070	1			
291	18.485	18.425	18.553	VV	945107	17009818	100.00%	5.650%	
292	18.636	18.553	18.661	VV	788968	14189965	83.42%	4.714%	
293	18.680	18.661	18.733	VV	246079	4913402	28.89%	1.632%	
294	18.745	18.733	18.764	VV	42418	752730	4.43%	0.250%	
295	18.812	18.764	18.897	VV	102277	4425083	26.01%	1.470%	
296	18.942	18.897	19.004	VV	118673	4527672	26.62%	1.504%	
297	19.020	19.004	19.050	VV	44576	1179565	6.93%	0.392%	
298	19.089	19.050	19.118	VV	395959	7281063	42.81%	2.419%	
299	19.138	19.118	19.173	VV	158567	3076306	18.09%	1.022%	
300	19.226	19.173	19.268	VV	141833	4899321	28.80%	1.627%	
301	19.321	19.268	19.354	VV	318683	7289767	42.86%	2.421%	
302	19.376	19.354	19.411	VV	94662	2744496	16.13%	0.912%	
303	19.470	19.411	19.498	VV	484661	11392441	66.98%	3.784%	
304	19.518	19.498	19.570	VV	196695	5335238	31.37%	1.772%	
305	19.592	19.570	19.616	VV	135633	2847404	16.74%	0.946%	
306	19.644	19.616	19.688	VV	170424	4534510	26.66%	1.506%	
307	19.718	19.688	19.726	VV	92888	2028165	11.92%	0.674%	
308	19.757	19.726	19.788	VV	137031	4099418	24.10%	1.362%	
309	19.801	19.788	19.844	VV	92705	2260971	13.29%	0.751%	
310	19.909	19.844	19.934	VV	136119	4400055	25.87%	1.462%	
311	19.957	19.934	19.973	VV	146170	2558151	15.04%	0.850%	
312	19.985	19.973	20.036	VV	108088	2873074	16.89%	0.954%	
313	20.067	20.036	20.124	VV	84899	3447513	20.27%	1.145%	
314	20.155	20.124	20.191	VV	96331	2915505	17.14%	0.968%	
315	20.196	20.191	20.211	VV	65262	759116	4.46%	0.252%	
316	20.250	20.211	20.270	VV	100784	2689458	15.81%	0.893%	
317	20.283	20.270	20.294	VV	73939	986821	5.80%	0.328%	
318	20.312	20.294	20.340	VV	79408	1963761	11.54%	0.652%	
319	20.358	20.340	20.388	VV	66923	1761094	10.35%	0.585%	
320	20.431	20.388	20.464	VV	98158	3409465	20.04%	1.133%	
321	20.495	20.464	20.511	VV	77960	1963359	11.54%	0.652%	
322	20.518	20.511	20.544	VV	78422	1407054	8.27%	0.467%	
323	20.568	20.544	20.588	VV	65916	1634340	9.61%	0.543%	
324	20.614	20.588	20.631	VV	69319	1683559	9.90%	0.559%	
325	20.649	20.631	20.678	VV	65904	1766064	10.38%	0.587%	
326	20.688	20.678	20.706	VV	62576	1032822	6.07%	0.343%	
327	20.726	20.706	20.768	VV	64982	2161707	12.71%	0.718%	
328	20.795	20.768	20.808	VV	58693	1331349	7.83%	0.442%	
329	20.820	20.808	20.844	VV	55160	1193607	7.02%	0.396%	

Instrument :
FID_E
ClientSampleId :
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Manual IntegrationsAPPROVED

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rteres

330	20.852	20.844	20.888	VV	55378	1407026	8.27%	0.467%
331	20.903	20.888	20.923	VV	54271	1[illegible]		
332	20.948	20.923	20.966	VV	58264	1[illegible]		
333	21.014	20.966	21.080	VV	73578	3[illegible]		
334	21.112	21.080	21.193	VV	55635	3[illegible]		
335	21.236	21.193	21.261	VV	49206	1898532	11.16%	0.631%
336	21.292	21.261	21.358	VV	50858	2639733	15.52%	0.877%
337	21.372	21.358	21.385	VV	40617	643752	3.78%	0.214%
338	21.396	21.385	21.438	VV	41393	1163643	6.84%	0.387%
339	21.458	21.438	21.497	VV	33622	1078321	6.34%	0.358%
340	21.529	21.497	21.593	VV	29342	1486643	8.74%	0.494%
341	21.658	21.593	21.685	VV	33832	1584394	9.31%	0.526%
342	21.723	21.685	21.800	VV	37723	2088727	12.28%	0.694%
343	21.811	21.800	21.836	VV	24247	492720	2.90%	0.164%
344	21.868	21.836	21.901	VV	28861	941645	5.54%	0.313%
345	21.925	21.901	21.973	VV	25166	841089	4.94%	0.279%
346	22.006	21.973	22.064	VV	21699	831958	4.89%	0.276%
347	22.109	22.064	22.161	VV	16724	803812	4.73%	0.267%
348	22.220	22.161	22.276	VV	20221	965021	5.67%	0.321%
349	22.333	22.276	22.361	VV	11648	393111	2.31%	0.131%
350	22.405	22.361	22.496	VV	11601	545798	3.21%	0.181%
351	22.509	22.496	22.517	VV	1402	9182	0.05%	0.003%

Sum of corrected areas: 301045722

Aliphatic EPH 080125.M Wed Aug 13 06:40:31 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081325AL\
Data File : FE055284.D
Signal(s) : FID1B.ch
Acq On : 13 Aug 2025 09:48
Operator : YP\AJ
Sample : Q2818-02DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
B-3-5-2DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

Integration File: sample.E
Quant Time: Aug 14 01:20:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:47:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.084	1465865	10.265 ug/ml
Spiked Amount 50.000		Recovery =	20.53%
12) S 1-chlorooctadecane (S...	13.521	1137612	10.580 ug/mlm
Spiked Amount 50.000		Recovery =	21.16%
Target Compounds			

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081325AL\
Data File : FE055284.D
Signal(s) : FID1B.ch
Acq On : 13 Aug 2025 09:48
Operator : YP\AJ
Sample : Q2818-02DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

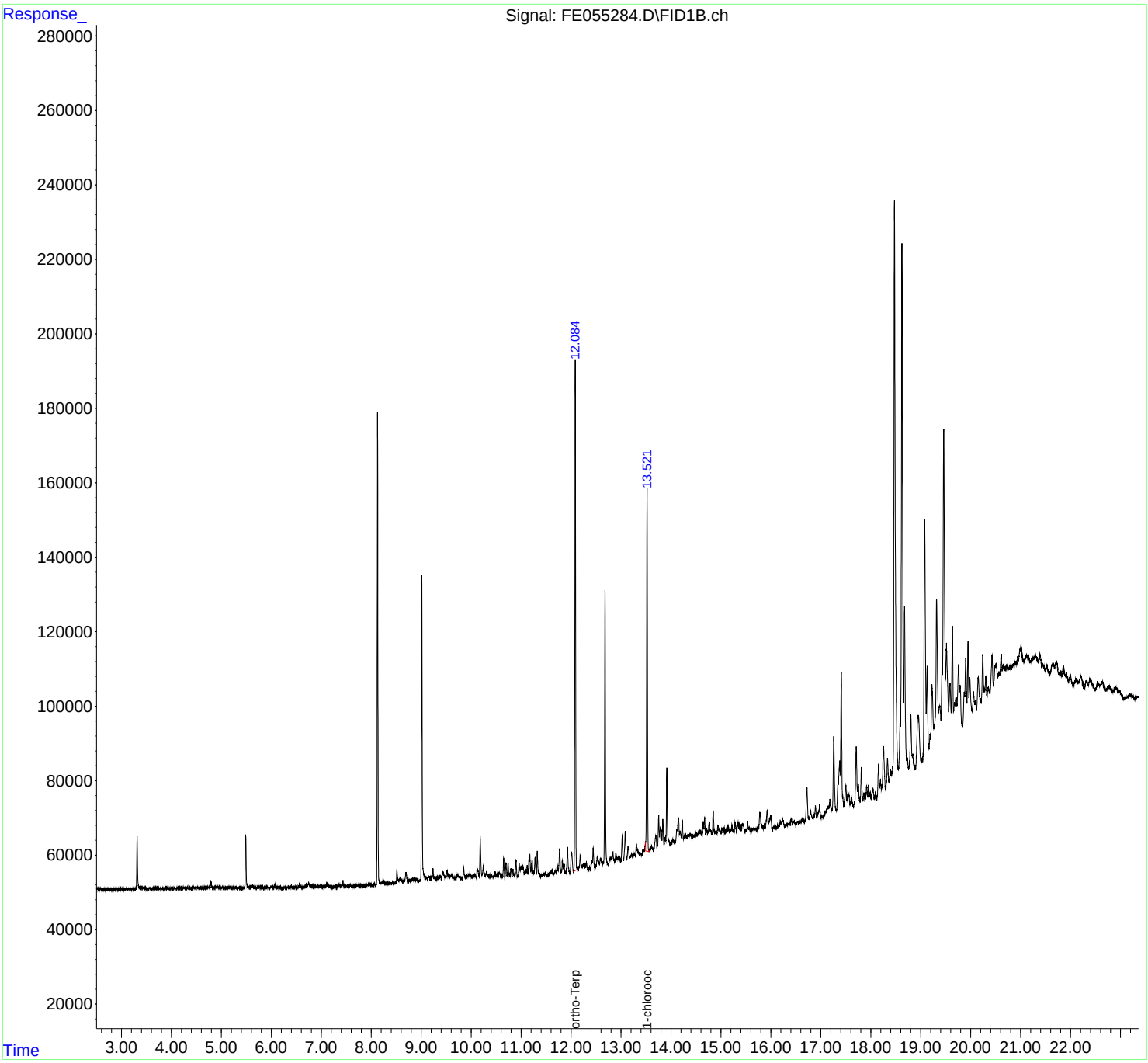
Integration File: sample.E
Quant Time: Aug 14 01:20:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:47:09 2025
Response via : Initial Calibration
Integrator: ChemStation

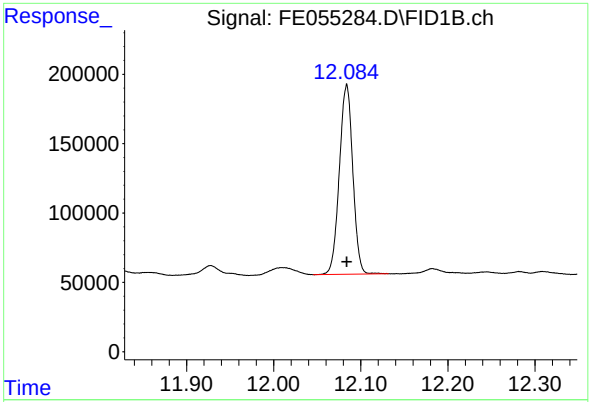
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Instrument :
FID_E
ClientSampleId :
B-3-5-2DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025





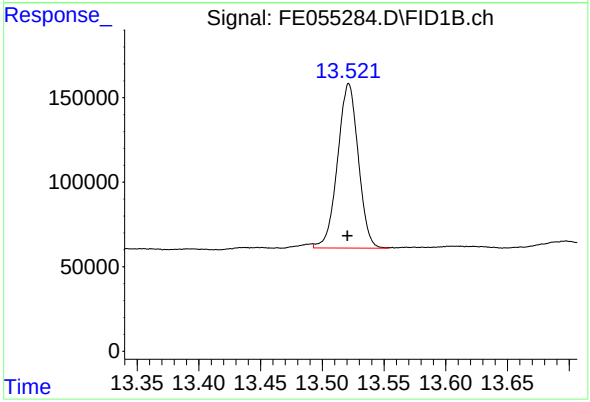
#9 ortho-Terphenyl (SURR)

R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 1465865
Conc: 10.26 ug/ml

Instrument :
FID_E
ClientSampleId :
B-3-5-2DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025



#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 1137612
Conc: 10.58 ug/ml m

Instrument :
FID_E
ClientSampleId :
B-3-5-2DL

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE
Data File : FE055284.D
Signal(s) : FID1B.ch
Acq On : 13 Aug 2025 09:48
Sample : Q2818-02DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.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	2.840	2.804	2.892	BV	68	305	0.01%	0.000%
2	2.913	2.892	2.961	PV	41	-79	-0.00%	-0.000%
3	2.970	2.961	3.008	PH	49	340	0.01%	0.000%
4	3.014	3.008	3.049	PH	43	-700	-0.02%	-0.001%
5	3.108	3.049	3.138	PH	155	-825	-0.02%	-0.001%
6	3.147	3.138	3.179	PH	104	752	0.02%	0.001%
7	3.211	3.179	3.244	PH	66	127	0.00%	0.000%
8	3.313	3.244	3.407	PH	13889	165217	4.94%	0.240%
9	3.419	3.407	3.461	HH	326	7789	0.23%	0.011%
10	3.562	3.529	3.578	HH	312	6489	0.19%	0.009%
11	3.583	3.578	3.616	HH	242	4907	0.15%	0.007%
12	3.892	3.852	3.922	HH	597	12976	0.39%	0.019%
13	3.932	3.922	3.991	HH	197	7669	0.23%	0.011%
14	4.148	4.144	4.164	HH	335	3018	0.09%	0.004%
15	4.199	4.164	4.228	HH	448	10826	0.32%	0.016%
16	4.241	4.228	4.256	HH	481	6657	0.20%	0.010%
17	4.271	4.256	4.301	HH	484	9943	0.30%	0.014%
18	4.330	4.325	4.348	HH	357	3529	0.11%	0.005%
19	4.354	4.348	4.371	HH	282	3467	0.10%	0.005%
20	4.445	4.434	4.456	HH	532	6076	0.18%	0.009%
21	4.472	4.456	4.484	HH	472	7429	0.22%	0.011%
22	4.500	4.484	4.541	HH	603	15105	0.45%	0.022%
23	4.619	4.604	4.658	HH	396	11517	0.34%	0.017%
24	4.677	4.658	4.741	HH	473	21117	0.63%	0.031%
25	4.759	4.741	4.770	HH	511	8081	0.24%	0.012%
26	4.793	4.770	4.833	HH	1966	31454	0.94%	0.046%
27	4.848	4.833	4.864	HH	500	7674	0.23%	0.011%
28	4.913	4.864	4.958	HH	666	29128	0.87%	0.042%
29	5.026	5.008	5.038	HH	488	7574	0.23%	0.011%
30	5.053	5.038	5.094	HH	609	15976	0.48%	0.023%
31	5.101	5.094	5.111	HH	426	4263	0.13%	0.006%

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rteres

32	5.165	5.111	5.218	HH	555	27053	0.81%	0.039%
33	5.231	5.218	5.257	HH	405	794		
34	5.289	5.257	5.354	HH	504	2138		
35	5.392	5.354	5.434	HH	398	1584		
36	5.446	5.434	5.461	HH	351	497		
37	5.488	5.461	5.580	HH	14236	176233	5.26%	0.256%
38	5.590	5.580	5.601	HH	567	6107	0.18%	0.009%
39	5.626	5.601	5.678	HH	1044	26974	0.81%	0.039%
40	5.691	5.678	5.745	HH	483	16798	0.50%	0.024%
41	5.762	5.745	5.782	HH	532	10377	0.31%	0.015%
42	5.857	5.838	5.894	HH	498	15211	0.45%	0.022%
43	6.068	6.036	6.099	HH	1286	24117	0.72%	0.035%
44	6.212	6.201	6.241	HH	466	9338	0.28%	0.014%
45	6.333	6.308	6.368	HH	502	16121	0.48%	0.023%
46	6.444	6.434	6.498	HH	687	22007	0.66%	0.032%
47	6.512	6.498	6.537	HH	618	12769	0.38%	0.019%
48	6.591	6.580	6.609	HH	689	10310	0.31%	0.015%
49	6.929	6.888	6.965	HH	807	32555	0.97%	0.047%
50	7.051	7.042	7.071	HH	629	10501	0.31%	0.015%
51	7.179	7.168	7.214	HH	787	19061	0.57%	0.028%
52	7.341	7.310	7.359	HH	1231	27280	0.81%	0.040%
53	7.373	7.359	7.389	HH	1258	18997	0.57%	0.028%
54	7.404	7.389	7.414	HH	992	14911	0.45%	0.022%
55	7.478	7.460	7.490	HH	948	15768	0.47%	0.023%
56	7.503	7.490	7.520	HH	967	15465	0.46%	0.022%
57	7.580	7.560	7.621	HH	1106	31400	0.94%	0.046%
58	7.680	7.654	7.698	HH	1130	26243	0.78%	0.038%
59	7.811	7.782	7.824	HH	1053	24576	0.73%	0.036%
60	7.860	7.824	7.885	HH	1106	37380	1.12%	0.054%
61	7.991	7.885	8.031	HH	1275	97508	2.91%	0.142%
62	8.062	8.031	8.091	HH	1503	42119	1.26%	0.061%
63	8.228	8.202	8.324	HH	2082	129441	3.87%	0.188%
64	8.339	8.324	8.363	HH	1646	36418	1.09%	0.053%
65	8.383	8.363	8.404	HH	1640	39398	1.18%	0.057%
66	8.435	8.404	8.453	HH	1785	49722	1.49%	0.072%
67	8.473	8.453	8.484	HH	1746	31731	0.95%	0.046%
68	8.514	8.484	8.548	HH	5247	113956	3.40%	0.165%
69	8.584	8.548	8.634	HH	2811	129274	3.86%	0.188%
70	8.695	8.634	8.732	HH	4498	165385	4.94%	0.240%
71	8.742	8.732	8.754	HH	2254	29495	0.88%	0.043%
72	8.772	8.754	8.797	HH	2481	59970	1.79%	0.087%
73	8.820	8.797	8.848	HH	2838	79297	2.37%	0.115%
74	8.867	8.848	8.897	HH	2969	77719	2.32%	0.113%
75	8.925	8.897	8.957	HH	2652	87834	2.62%	0.128%
76	9.161	9.124	9.183	HH	3304	108397	3.24%	0.157%
77	9.275	9.258	9.299	HH	3158	74620	2.23%	0.108%
78	9.320	9.299	9.334	HH	3389	64478	1.93%	0.094%
79	9.351	9.334	9.368	HH	3236	61693	1.84%	0.090%

Instrument :
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B-3-5-2DL

Manual IntegrationsAPPROVED

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80	9.385	9.368	9.408	HH	3501	77723	2.32%	0.113%
81	9.580	9.564	9.595	HH	3730	6352		
82	9.609	9.595	9.667	HH	3633	14090		
83	9.681	9.667	9.691	HH	3141	4468		
84	9.722	9.691	9.778	HH	3939	17677		
85	9.794	9.778	9.805	HH	3221	50800	1.52%	0.074%
86	9.816	9.805	9.830	HH	3158	46025	1.37%	0.067%
87	10.121	10.103	10.158	HH	5631	147819	4.42%	0.215%
88	10.244	10.215	10.281	HH	6338	179129	5.35%	0.260%
89	10.307	10.281	10.332	HH	4645	122526	3.66%	0.178%
90	10.343	10.332	10.352	HH	3595	41064	1.23%	0.060%
91	10.364	10.352	10.384	HH	3631	68461	2.05%	0.099%
92	10.400	10.384	10.440	HH	4082	120272	3.59%	0.175%
93	10.521	10.507	10.538	HH	3997	69798	2.09%	0.101%
94	10.565	10.538	10.598	HH	4378	143928	4.30%	0.209%
95	10.607	10.598	10.624	HH	3741	56732	1.69%	0.082%
96	10.837	10.818	10.856	HH	5414	101098	3.02%	0.147%
97	10.961	10.933	10.976	HH	6887	131524	3.93%	0.191%
98	11.007	10.998	11.019	HH	5937	71653	2.14%	0.104%
99	11.033	11.019	11.064	HH	6120	144598	4.32%	0.210%
100	11.220	11.193	11.255	HH	8158	215639	6.44%	0.313%
101	11.279	11.255	11.304	HH	8497	178289	5.33%	0.259%
102	11.324	11.304	11.381	HH	10179	253245	7.57%	0.368%
103	11.443	11.411	11.460	HH	4249	112565	3.36%	0.163%
104	11.617	11.596	11.642	HH	5012	122795	3.67%	0.178%
105	11.729	11.710	11.743	HH	6100	104974	3.14%	0.152%
106	11.771	11.743	11.801	HH	10781	245391	7.33%	0.356%
107	11.827	11.801	11.843	HH	7672	152025	4.54%	0.221%
108	11.856	11.843	11.885	HH	6335	138669	4.14%	0.201%
109	12.010	11.972	12.046	HH	9801	305497	9.13%	0.444%
110	12.084	12.046	12.143	HH	141660	1763266	52.67%	2.560%
111	12.183	12.143	12.223	HH	9103	317208	9.48%	0.461%
112	12.244	12.223	12.264	HH	6753	153623	4.59%	0.223%
113	12.282	12.264	12.295	HH	6981	117775	3.52%	0.171%
114	12.309	12.295	12.343	HH	7051	173119	5.17%	0.251%
115	12.367	12.343	12.387	HH	5869	145859	4.36%	0.212%
116	12.587	12.571	12.621	HH	8058	226183	6.76%	0.328%
117	12.642	12.621	12.650	HH	7330	123181	3.68%	0.179%
118	12.680	12.650	12.750	HH	80183	1232901	36.83%	1.790%
119	12.936	12.928	12.955	HH	8381	134658	4.02%	0.196%
120	12.971	12.955	12.994	HH	8367	192928	5.76%	0.280%
121	13.024	12.994	13.050	HH	14265	339323	10.14%	0.493%
122	13.211	13.198	13.228	HH	9447	167980	5.02%	0.244%
123	13.271	13.261	13.285	HH	9357	136705	4.08%	0.198%
124	13.393	13.374	13.418	HH	9723	246189	7.35%	0.357%
125	13.449	13.418	13.468	HH	10561	306272	9.15%	0.445%
126	13.521	13.468	13.558	HH	107386	1708145	51.03%	2.480%

Instrument :
FID_E
ClientSampleId :
B-3-5-2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

rteres

127	13.575	13.558	13.584	HH	10719	169076	5.05%	0.245%
128	13.607	13.584	13.651	HH	11274	43651		
129	13.697	13.651	13.725	HH	14373	54941		
130	13.755	13.725	13.773	HH	19729	42950		
131	13.838	13.819	13.861	HH	18748	38227		
132	13.884	13.861	13.896	HH	13888	276567	8.26%	0.402%
133	13.917	13.896	13.991	HH	32144	925614	27.65%	1.344%
134	14.003	13.991	14.008	HV	12092	124884	3.73%	0.181%
135	14.036	14.008	14.055	VV	13187	352346	10.53%	0.512%
136	14.064	14.055	14.082	VV	12420	198205	5.92%	0.288%
137	14.185	14.172	14.205	VV	14375	270190	8.07%	0.392%
138	14.227	14.205	14.250	VV	17043	388370	11.60%	0.564%
139	14.333	14.314	14.348	VV	12409	248694	7.43%	0.361%
140	14.462	14.451	14.472	VV	11571	146531	4.38%	0.213%
141	14.496	14.472	14.517	VV	12296	315690	9.43%	0.458%
142	14.674	14.658	14.698	VV	15299	308184	9.21%	0.447%
143	14.766	14.734	14.820	VV	13519	584467	17.46%	0.849%
144	14.845	14.820	14.888	VV	15917	483678	14.45%	0.702%
145	15.019	15.000	15.043	VV	10406	249530	7.45%	0.362%
146	15.104	15.084	15.118	VV	9710	186811	5.58%	0.271%
147	15.146	15.118	15.176	VV	10069	326650	9.76%	0.474%
148	15.220	15.176	15.260	VV	10127	439938	13.14%	0.639%
149	15.428	15.411	15.479	VV	9208	335723	10.03%	0.487%
150	15.567	15.553	15.601	VV	7368	196418	5.87%	0.285%
151	15.631	15.601	15.641	VV	6688	157328	4.70%	0.228%
152	15.661	15.641	15.679	VV	6590	146723	4.38%	0.213%
153	15.684	15.679	15.694	VV	6435	57343	1.71%	0.083%
154	15.700	15.694	15.718	VV	6296	87503	2.61%	0.127%
155	15.779	15.754	15.848	VV	10158	407174	12.16%	0.591%
156	15.864	15.848	15.880	VV	6189	114161	3.41%	0.166%
157	15.994	15.948	16.032	VV	7970	320541	9.58%	0.465%
158	16.068	16.032	16.084	VV	4604	138473	4.14%	0.201%
159	16.189	16.156	16.208	VV	5342	146558	4.38%	0.213%
160	16.236	16.208	16.278	VV	5686	198567	5.93%	0.288%
161	16.372	16.347	16.386	VV	3843	85176	2.54%	0.124%
162	16.409	16.386	16.434	VV	4794	115274	3.44%	0.167%
163	16.463	16.434	16.500	VV	3799	134182	4.01%	0.195%
164	16.531	16.500	16.552	VV	3382	96671	2.89%	0.140%
165	16.585	16.552	16.598	VV	3104	78975	2.36%	0.115%
166	16.795	16.761	16.833	VV	4672	145438	4.34%	0.211%
167	16.855	16.833	16.867	VV	3310	59655	1.78%	0.087%
168	16.893	16.867	16.920	VV	5362	113285	3.38%	0.164%
169	16.975	16.920	17.008	VV	5156	163417	4.88%	0.237%
170	17.029	17.008	17.045	VV	1890	37401	1.12%	0.054%
171	17.141	17.045	17.161	VV	3699	183601	5.48%	0.267%
172	17.181	17.161	17.222	VV	5455	137059	4.09%	0.199%
173	17.259	17.222	17.303	VV	21447	409628	12.24%	0.595%
174	17.377	17.303	17.391	VV	14608	423927	12.66%	0.616%

Instrument :
FID_E
ClientSampleId :
B-3-5-2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

rteres

175	17.410	17.391	17.460	VV	38158	592341	17.69%	0.860%
176	17.501	17.460	17.522	VV	7285	16808		
177	17.544	17.522	17.585	VV	5008	14502		
178	17.611	17.585	17.654	VV	3522	8819		
179	17.709	17.654	17.733	VV	16526	31797		
180	17.747	17.733	17.785	VV	6022	124367	3.72%	0.181%
181	17.812	17.785	17.839	VV	10275	157533	4.71%	0.229%
182	17.918	17.883	17.937	VV	4402	90229	2.70%	0.131%
183	17.988	17.974	18.010	VV	2475	38193	1.14%	0.055%
184	18.039	18.010	18.071	VV	3441	71332	2.13%	0.104%
185	18.096	18.071	18.116	VV	2082	28450	0.85%	0.041%
186	18.154	18.116	18.175	PV	8813	138340	4.13%	0.201%
187	18.193	18.175	18.211	VV	5021	75677	2.26%	0.110%
188	18.254	18.211	18.298	VV	13228	320813	9.58%	0.466%
189	18.334	18.298	18.365	VV	9527	205987	6.15%	0.299%
190	18.390	18.365	18.410	VV	6132	128162	3.83%	0.186%
191	18.473	18.410	18.551	VV	157767	3347589	100.00%	4.861%
192	18.623	18.551	18.656	VV	144866	2783029	83.14%	4.041%
193	18.675	18.656	18.758	VV	48208	1059191	31.64%	1.538%
194	18.801	18.758	18.888	VV	18105	593906	17.74%	0.862%
195	18.953	18.888	19.006	VV	17002	692749	20.69%	1.006%
196	19.078	19.006	19.109	VV	68392	1459759	43.61%	2.120%
197	19.127	19.109	19.168	VV	29066	577604	17.25%	0.839%
198	19.187	19.168	19.201	VV	10369	181713	5.43%	0.264%
199	19.225	19.201	19.258	VV	23373	576376	17.22%	0.837%
200	19.317	19.258	19.358	VV	45431	1322260	39.50%	1.920%
201	19.380	19.358	19.403	VV	16547	423739	12.66%	0.615%
202	19.460	19.403	19.497	VV	90164	2325745	69.48%	3.377%
203	19.515	19.497	19.558	VV	31850	869140	25.96%	1.262%
204	19.585	19.558	19.608	VV	20955	526510	15.73%	0.764%
205	19.634	19.608	19.658	VV	36206	685948	20.49%	0.996%
206	19.681	19.658	19.690	VV	15407	280854	8.39%	0.408%
207	19.709	19.690	19.725	VV	16817	333298	9.96%	0.484%
208	19.758	19.725	19.779	VV	25193	645209	19.27%	0.937%
209	19.789	19.779	19.835	VV	19134	439326	13.12%	0.638%
210	19.871	19.835	19.880	VV	16836	340996	10.19%	0.495%
211	19.900	19.880	19.925	VV	25980	544609	16.27%	0.791%
212	19.946	19.925	19.966	VV	30362	530879	15.86%	0.771%
213	19.983	19.966	20.030	VV	19928	579152	17.30%	0.841%
214	20.056	20.030	20.084	VV	15782	433485	12.95%	0.629%
215	20.096	20.084	20.117	VV	13036	244615	7.31%	0.355%
216	20.152	20.117	20.210	VV	18887	806321	24.09%	1.171%
217	20.242	20.210	20.283	VV	24585	758599	22.66%	1.101%
218	20.302	20.283	20.328	VV	18225	420188	12.55%	0.610%
219	20.355	20.328	20.386	VV	15372	491115	14.67%	0.713%
220	20.428	20.386	20.456	VV	23241	749325	22.38%	1.088%
221	20.511	20.456	20.542	VV	20322	945347	28.24%	1.373%

Instrument :
FID_E
ClientSampleId :
B-3-5-2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/14/2025
Supervised By :mohammad ahmed 08/18/2025

rteres

222	20.567	20.542	20.580	VV	17654	398437	11.90%	0.579%
223	20.610	20.580	20.632	VV	22089	60626		
224	20.653	20.632	20.701	VV	18999	74527		
225	20.718	20.701	20.755	VV	18577	58778		
226	20.792	20.755	20.817	VV	17836	64977		
227	20.853	20.817	20.870	VV	17996	553566	16.54%	0.804%
228	20.894	20.870	20.908	VV	18354	409425	12.23%	0.594%
229	20.942	20.908	20.954	VV	19234	507666	15.17%	0.737%
230	21.008	20.954	21.075	VV	22196	1402916	41.91%	2.037%
231	21.120	21.075	21.134	VV	18402	636620	19.02%	0.924%
232	21.155	21.134	21.194	VV	18161	625695	18.69%	0.908%
233	21.229	21.194	21.238	VV	17331	434531	12.98%	0.631%
234	21.248	21.238	21.267	VV	17014	293139	8.76%	0.426%
235	21.290	21.267	21.362	VV	17511	933525	27.89%	1.355%
236	21.388	21.362	21.419	VV	16784	535201	15.99%	0.777%
237	21.443	21.419	21.494	VV	14001	598380	17.87%	0.869%
238	21.518	21.494	21.571	VV	13005	550572	16.45%	0.799%
239	21.656	21.571	21.681	VV	12487	773203	23.10%	1.123%
240	21.717	21.681	21.760	VV	12575	549481	16.41%	0.798%
241	21.796	21.760	21.823	VV	9668	345976	10.34%	0.502%
242	21.856	21.823	21.890	VV	10580	372149	11.12%	0.540%
243	21.915	21.890	21.954	VV	8416	285384	8.53%	0.414%
244	21.995	21.954	22.064	VV	7306	377717	11.28%	0.548%
245	22.111	22.064	22.144	VV	5475	236757	7.07%	0.344%
246	22.205	22.144	22.271	VV	5621	314313	9.39%	0.456%
247	22.319	22.271	22.354	VV	3560	140100	4.19%	0.203%
248	22.394	22.354	22.495	VV	3433	167631	5.01%	0.243%

Sum of corrected areas: 68871421

Aliphatic EPH 080125.M Thu Aug 14 04:48:11 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069644.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 20:22
Operator : YP/AJ
Sample : PB169207BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169207BL

Integration File: autoint1.e
Quant Time: Aug 13 01:18:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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)	11.667	5198688	34.847 ug/ml
Spiked Amount 50.000		Recovery =	69.69%
12) S 1-chlorooctadecane (S...	13.101	4029814	36.963 ug/ml
Spiked Amount 50.000		Recovery =	73.93%
Target Compounds			

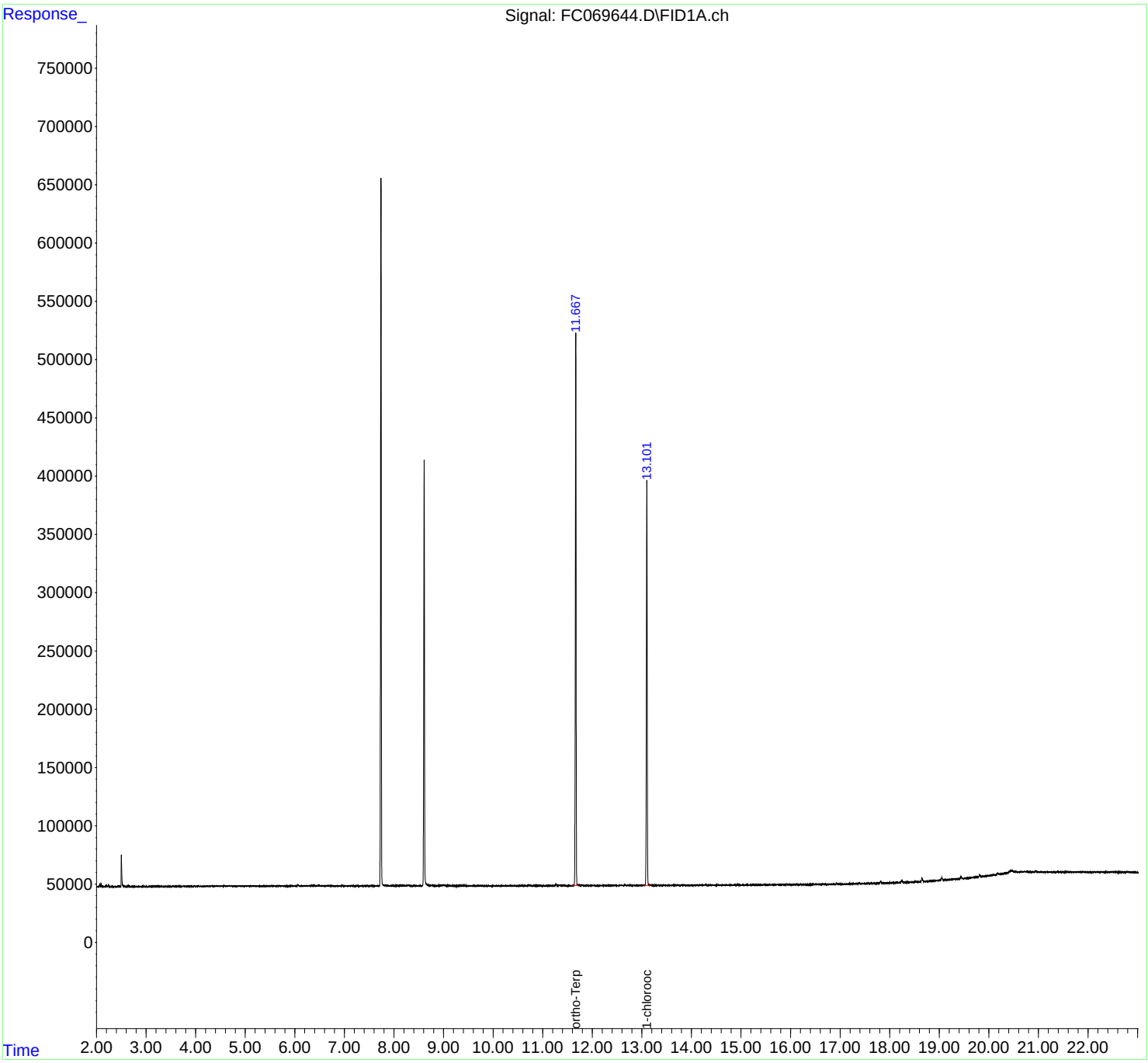
(f)=RT Delta > 1/2 Window (m)=manual int.

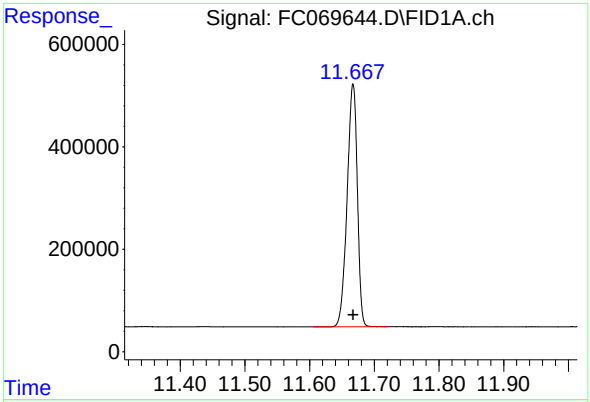
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069644.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 20:22
Operator : YP/AJ
Sample : PB169207BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169207BL

Integration File: autoint1.e
Quant Time: Aug 13 01:18:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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

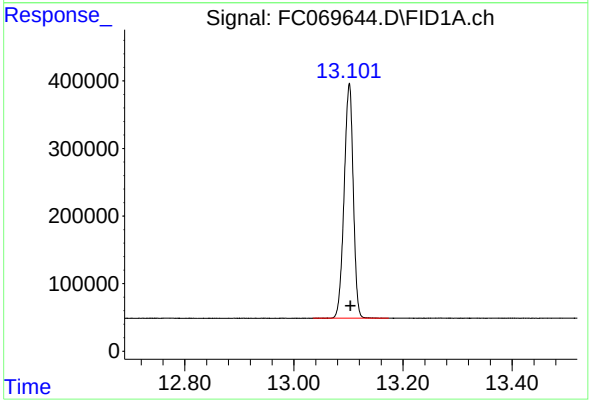




#9 ortho-Terphenyl (SURR)

R.T.: 11.667 min
Delta R.T.: 0.000 min
Response: 5198688
Conc: 34.85 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169207BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.101 min
Delta R.T.: -0.002 min
Response: 4029814
Conc: 36.96 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069644.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 20:22
Sample : PB169207BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.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	11.667	11.605	11.722	BB	474661	5198688	100.00%	56.333%
2	13.101	13.035	13.174	BB	349272	4029814	77.52%	43.667%
			Sum of corrected areas:			9228502		

Aliphatic EPH 080125.M Wed Aug 13 03:36:02 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069645.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 21:08
Operator : YP/AJ
Sample : PB169207BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169207BS

Integration File: autoint1.e
Quant Time: Aug 13 01:19:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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)	11.665	4914195	32.940 ug/ml
Spiked Amount	50.000		Recovery =	65.88%
12) S	1-chlorooctadecane (S...	13.100	3814315	34.986 ug/ml
Spiked Amount	50.000		Recovery =	69.97%
	Target Compounds			
1) T	n-Nonane (C9)	3.405	3497611	24.549 ug/ml
2) T	n-Decane (C10)	4.474	3846915	26.461 ug/ml
3) T	A~Naphthalene (C11.7)	6.065	4720520	30.423 ug/ml
4) T	n-Dodecane (C12)	6.495	4315427	29.520 ug/ml
5) T	A~2-methylnaphthalene...	7.125	4476785	30.398 ug/ml
6) T	n-Tetradecane (C14)	8.296	4424544	31.004 ug/ml
7) T	n-Hexadecane (C16)	9.898	4466867	30.986 ug/ml
8) T	n-Octadecane (C18)	11.343	4307197	30.458 ug/ml
10) T	n-Eicosane (C20)	12.655	4244756	32.224 ug/ml
11) T	n-Heneicosane (C21)	13.266	4032805	31.619 ug/ml
13) T	n-Docosane (C22)	13.854	3914820	31.338 ug/ml
14) T	n-Tetracosane (C24)	14.951	7479290	61.981 ug/ml
15) T	n-Hexacosane (C26)	15.983	3574075	30.931 ug/ml
16) T	n-Octacosane (C28)	16.932	3428566	30.588 ug/ml
17) T	n-Tricontane (C30)	17.823	3399791	29.693 ug/ml
18) T	n-Dotriacontane (C32)	18.657	3379524	30.424 ug/ml
19) T	n-Tetratriacontane (C34)	19.442	3474796	34.126 ug/ml
20) T	n-Hexatriacontane (C36)	20.182	3283820	36.829 ug/ml
21) T	n-Octatriacontane (C38)	20.947	3292080	40.925 ug/ml
22) T	n-Tetracontane (C40)	21.913	3189359	42.592 ug/ml

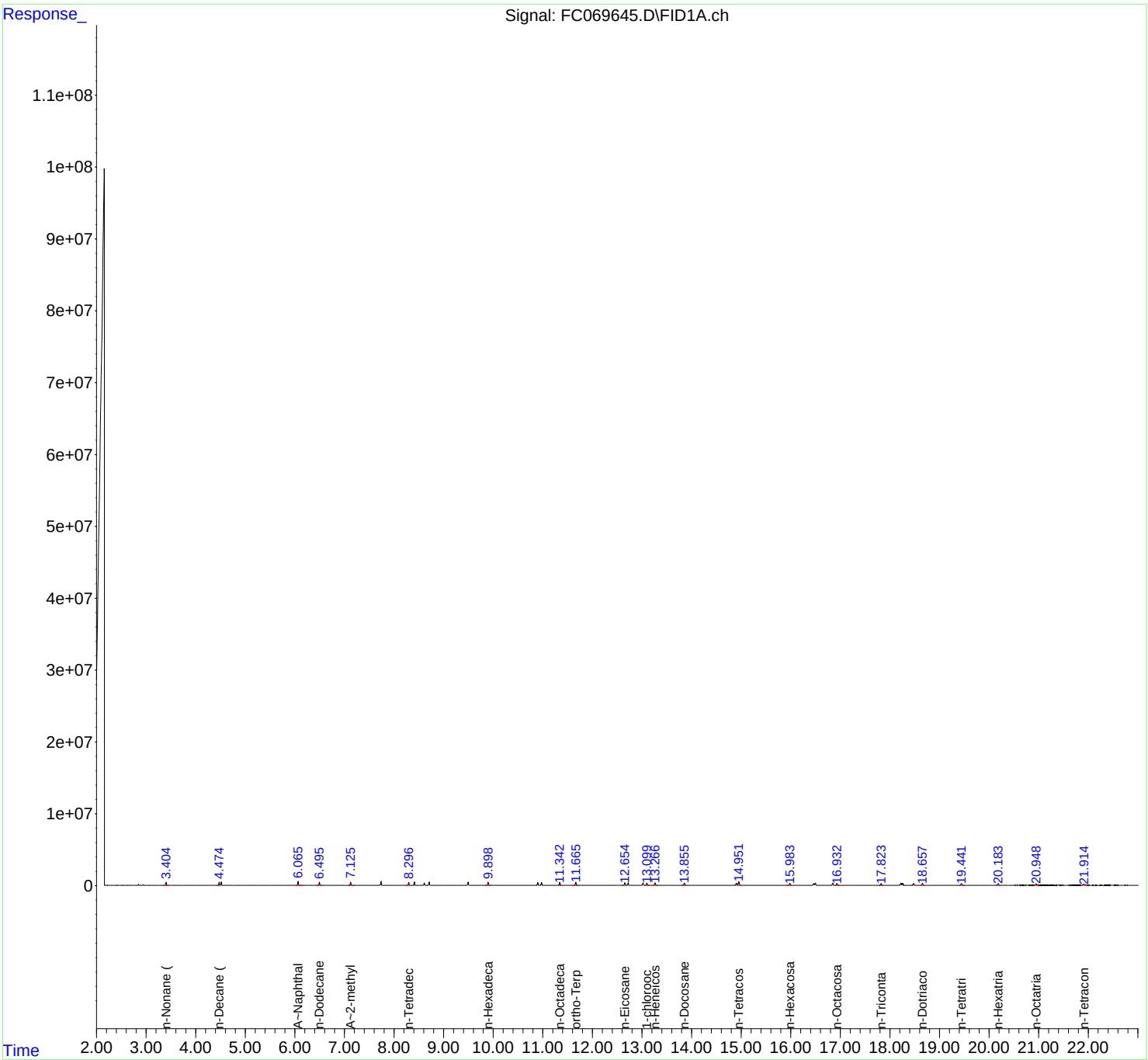
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069645.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 21:08
Operator : YP/AJ
Sample : PB169207BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169207BS

Integration File: autoint1.e
Quant Time: Aug 13 01:19:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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\FC081225AL\
Data File : FC069645.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 21:08
Sample : PB169207BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.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	3.405	3.347	3.457	BB	424844	3497611	46.76%	2.353%
2	4.474	4.415	4.495	BV	432490	3846915	51.43%	2.588%
3	4.518	4.495	4.560	VV	483828	4237686	56.66%	2.851%
4	6.065	6.004	6.162	BB	514033	4720520	63.11%	3.176%
5	6.495	6.429	6.560	BB	432115	4315427	57.70%	2.903%
6	7.125	7.075	7.209	BB	442801	4476785	59.86%	3.012%
7	8.296	8.240	8.330	BB	421734	4424544	59.16%	2.977%
8	8.411	8.347	8.465	BB	480775	4769464	63.77%	3.209%
9	8.709	8.674	8.767	PB	473244	4772706	63.81%	3.211%
10	9.494	9.430	9.559	BB	453805	4665148	62.37%	3.139%
11	9.898	9.834	9.964	BB	414974	4466867	59.72%	3.005%
12	10.899	10.817	10.940	BV	397258	4299885	57.49%	2.893%
13	10.975	10.940	11.070	VB	385621	4253080	56.86%	2.861%
14	11.343	11.310	11.380	BB	383730	4307197	57.59%	2.898%
15	11.665	11.595	11.722	BB	445345	4914195	65.70%	3.306%
16	12.655	12.585	12.685	BV	363297	4244756	56.75%	2.856%
17	12.722	12.685	12.789	VB	370826	3974891	53.15%	2.674%
18	13.021	12.952	13.057	BV	342135	3951772	52.84%	2.659%
19	13.100	13.057	13.154	VB	311660	3814315	51.00%	2.566%
20	13.266	13.209	13.325	BB	336964	4032805	53.92%	2.713%
21	13.854	13.795	13.899	BB	319716	3914820	52.34%	2.634%
22	14.904	14.840	14.924	BV	298207	3711997	49.63%	2.497%
23	14.951	14.924	15.005	VB	515248	7479290	100.00%	5.032%
24	15.983	15.909	16.022	BB	275226	3574075	47.79%	2.405%
25	16.465	16.392	16.481	BV	270940	3734096	49.93%	2.512%

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26	16.499	16.481	16.530	VB	314872	3703910	49.52%	2.492%
27	16.848	16.830	16.890	BB	243705	2147002	28.71%	1.444%
28	16.932	16.894	16.985	BB	260321	3428566	45.84%	2.307%
29	17.823	17.780	17.859	BB	253848	3399791	45.46%	2.287%
30	18.224	18.144	18.239	BV	287132	3896460	52.10%	2.621%
31	18.259	18.239	18.322	VB	278870	3535387	47.27%	2.379%
32	18.479	18.404	18.539	BB	260122	3505928	46.88%	2.359%
33	18.657	18.610	18.705	BB	239121	3379524	45.19%	2.274%
34	19.442	19.400	19.514	BB	241891	3474796	46.46%	2.338%
35	20.182	20.140	20.225	BB	230329	3283820	43.91%	2.209%
36	20.947	20.890	21.017	BB	178388	3292080	44.02%	2.215%
37	21.913	21.840	22.010	BB	132366	3189359	42.64%	2.146%

Sum of corrected areas: 148637467

Aliphatic EPH 080125.M Wed Aug 13 03:49:43 2025

Quantitation Report (QT Reviewed)

Sample Results: **FC069646.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069646.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 21:53
Operator : YP/AJ
Sample : PB169207BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169207BSD

Integration File: autoint1.e
Quant Time: Aug 13 01:19:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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)	11.665	4892968	32.798 ug/ml
Spiked Amount	50.000		Recovery =	65.60%
12) S	1-chlorooctadecane (S...	13.101	3794482	34.804 ug/ml
Spiked Amount	50.000		Recovery =	69.61%
	Target Compounds			
1) T	n-Nonane (C9)	3.401	3497265	24.547 ug/ml
2) T	n-Decane (C10)	4.471	3841180	26.421 ug/ml
3) T	A~Naphthalene (C11.7)	6.064	4709872	30.354 ug/ml
4) T	n-Dodecane (C12)	6.494	4297278	29.396 ug/ml
5) T	A~2-methylnaphthalene...	7.123	4469713	30.350 ug/ml
6) T	n-Tetradecane (C14)	8.295	4403553	30.856 ug/ml
7) T	n-Hexadecane (C16)	9.898	4433327	30.753 ug/ml
8) T	n-Octadecane (C18)	11.343	4274952	30.230 ug/ml
10) T	n-Eicosane (C20)	12.655	4217416	32.016 ug/ml
11) T	n-Heneicosane (C21)	13.267	4005246	31.403 ug/ml
13) T	n-Docosane (C22)	13.854	3892476	31.160 ug/ml
14) T	n-Tetracosane (C24)	14.952	7494639	62.108 ug/ml
15) T	n-Hexacosane (C26)	15.983	3557197	30.785 ug/ml
16) T	n-Octacosane (C28)	16.934	3414614	30.464 ug/ml
17) T	n-Tricontane (C30)	17.823	3370097	29.434 ug/ml
18) T	n-Dotriacontane (C32)	18.656	3341413	30.081 ug/ml
19) T	n-Tetratriacontane (C34)	19.442	3446181	33.845 ug/ml
20) T	n-Hexatriacontane (C36)	20.183	3263635	36.602 ug/ml
21) T	n-Octatriacontane (C38)	20.948	3279744	40.771 ug/ml
22) T	n-Tetracontane (C40)	21.908	3187972	42.573 ug/ml

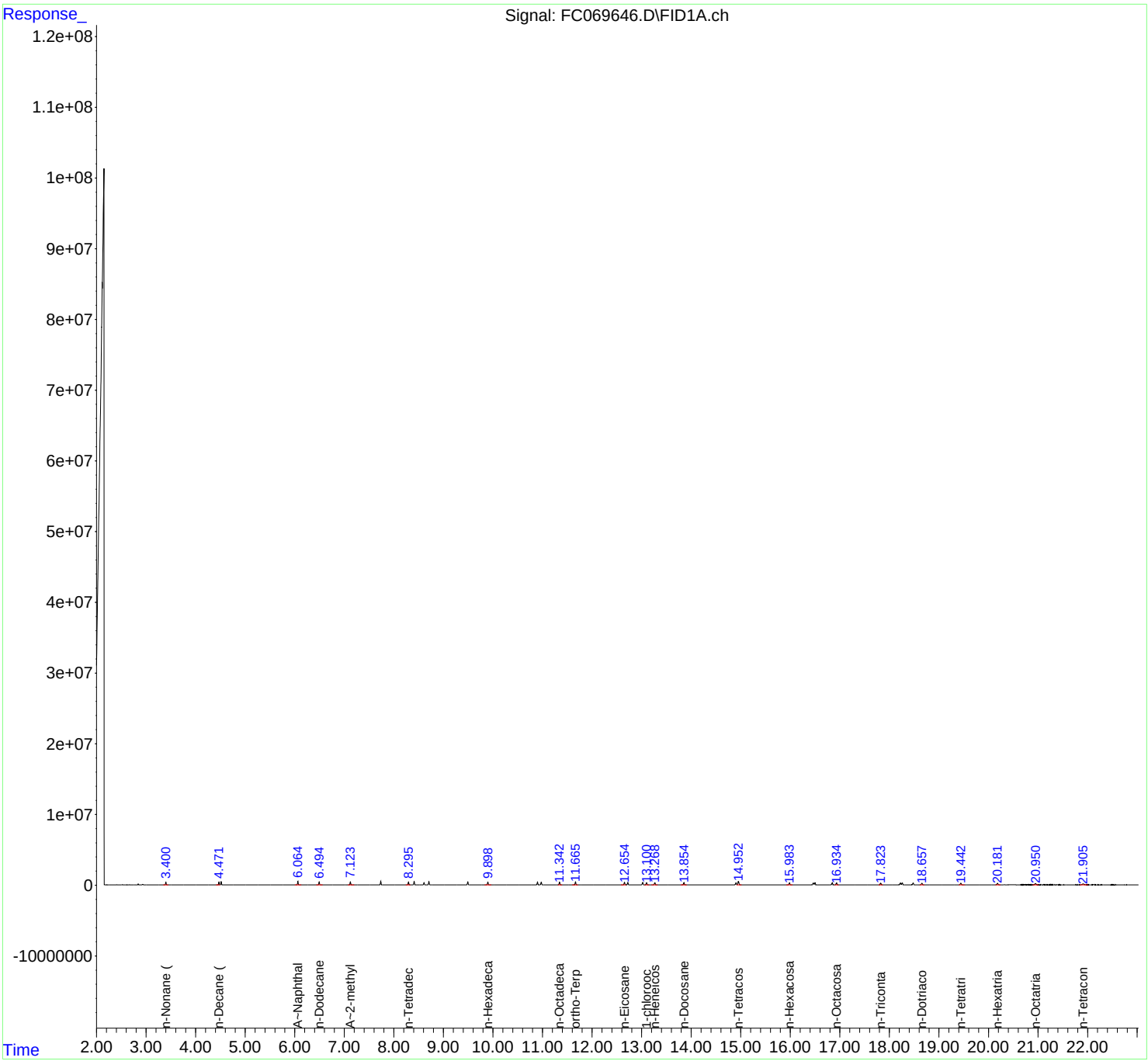
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069646.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 21:53
Operator : YP/AJ
Sample : PB169207BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169207BSD

Integration File: autoint1.e
Quant Time: Aug 13 01:19:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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\FC081225AL\
Data File : FC069646.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 21:53
Sample : PB169207BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.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	3.401	3.347	3.449	BB	416560	3497265	46.66%	2.352%
2	4.471	4.410	4.493	BV	433776	3841180	51.25%	2.583%
3	4.515	4.493	4.559	VV	484824	4239150	56.56%	2.851%
4	6.064	6.004	6.134	BB	518647	4709872	62.84%	3.168%
5	6.494	6.434	6.560	BB	440585	4297278	57.34%	2.890%
6	7.123	7.074	7.202	BB	451544	4469713	59.64%	3.006%
7	8.295	8.240	8.332	BB	426345	4403553	58.76%	2.962%
8	8.409	8.345	8.469	BB	474704	4772765	63.68%	3.210%
9	8.708	8.672	8.770	VB	473941	4778533	63.76%	3.214%
10	9.493	9.435	9.570	BB	448713	4682899	62.48%	3.149%
11	9.898	9.830	9.967	BB	403726	4433327	59.15%	2.982%
12	10.899	10.822	10.939	BV	397477	4296494	57.33%	2.890%
13	10.975	10.939	11.034	VB	395835	4247096	56.67%	2.856%
14	11.343	11.310	11.395	BB	377116	4274952	57.04%	2.875%
15	11.665	11.599	11.717	BB	445943	4892968	65.29%	3.291%
16	12.655	12.584	12.687	BV	366570	4217416	56.27%	2.836%
17	12.722	12.687	12.787	VB	353431	3974470	53.03%	2.673%
18	13.022	12.955	13.057	BV	352564	3951808	52.73%	2.658%
19	13.101	13.057	13.154	VB	325245	3794482	50.63%	2.552%
20	13.267	13.199	13.322	BB	312302	4005246	53.44%	2.694%
21	13.854	13.789	13.910	BB	317394	3892476	51.94%	2.618%
22	14.904	14.839	14.924	BV	299983	3744183	49.96%	2.518%
23	14.952	14.924	15.017	VB	497443	7494639	100.00%	5.040%
24	15.983	15.919	16.044	BB	275428	3557197	47.46%	2.392%
25	16.466	16.390	16.482	BV	268393	3752159	50.06%	2.523%

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26	16.500	16.482	16.539	VB	327719	3732275	49.80%	2.510%
27	16.848	16.830	16.889	BB	257020	2389391	31.88%	1.607%
28	16.934	16.894	16.977	BB	256409	3414614	45.56%	2.296%
29	17.823	17.780	17.869	BB	242173	3370097	44.97%	2.267%
30	18.224	18.145	18.239	BV	286618	3885445	51.84%	2.613%
31	18.261	18.239	18.329	VB	285713	3629655	48.43%	2.441%
32	18.480	18.412	18.534	BB	264932	3527175	47.06%	2.372%
33	18.656	18.610	18.702	BB	234050	3341413	44.58%	2.247%
34	19.442	19.400	19.517	BB	238956	3446181	45.98%	2.318%
35	20.183	20.140	20.242	BB	218194	3263635	43.55%	2.195%
36	20.948	20.890	21.012	BB	175612	3279744	43.76%	2.206%
37	21.908	21.840	22.005	BB	126639	3187972	42.54%	2.144%

Sum of corrected areas: 148688718

Aliphatic EPH 080125.M Wed Aug 13 03:53:53 2025

Quantitation Report (QT Reviewed)

Sample Results: **FC069649.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069649.D
Signal(s) : FID1A.ch
Acq On : 13 Aug 2025 00:13
Operator : YP/AJ
Sample : Q2830-03MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTMS

Integration File: autoint1.e
Quant Time: Aug 13 01:40:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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)	11.666	5132110	34.401 ug/ml
Spiked Amount	50.000		Recovery =	68.80%
12) S	1-chlorooctadecane (S...	13.101	3978577	36.493 ug/ml
Spiked Amount	50.000		Recovery =	72.99%
	Target Compounds			
1) T	n-Nonane (C9)	3.394	1953315	13.710 ug/ml
2) T	n-Decane (C10)	4.468	2596126	17.857 ug/ml
3) T	A~Naphthalene (C11.7)	6.064	3736413	24.080 ug/ml
4) T	n-Dodecane (C12)	6.494	3433386	23.487 ug/ml
5) T	A~2-methylnaphthalene...	7.123	3742739	25.413 ug/ml
6) T	n-Tetradecane (C14)	8.295	3803354	26.651 ug/ml
7) T	n-Hexadecane (C16)	9.898	4222368	29.290 ug/ml
8) T	n-Octadecane (C18)	11.342	4277879	30.251 ug/ml
10) T	n-Eicosane (C20)	12.655	4344090	32.978 ug/ml
11) T	n-Heneicosane (C21)	13.267	4119123	32.296 ug/ml
13) T	n-Docosane (C22)	13.854	4038498	32.328 ug/ml
14) T	n-Tetracosane (C24)	14.952	7936440	65.769 ug/ml
15) T	n-Hexacosane (C26)	15.984	3778246	32.698 ug/ml
16) T	n-Octacosane (C28)	16.934	3627091	32.359 ug/ml
17) T	n-Tricontane (C30)	17.823	3569372	31.175 ug/ml
18) T	n-Dotriacontane (C32)	18.656	3569323	32.132 ug/ml
19) T	n-Tetratriacontane (C34)	19.442	3647487	35.822 ug/ml
20) T	n-Hexatriacontane (C36)	20.182	3438119	38.559 ug/ml
21) T	n-Octatriacontane (C38)	20.949	3455440	42.955 ug/ml
22) T	n-Tetracontane (C40)	21.912	3367660	44.973 ug/ml

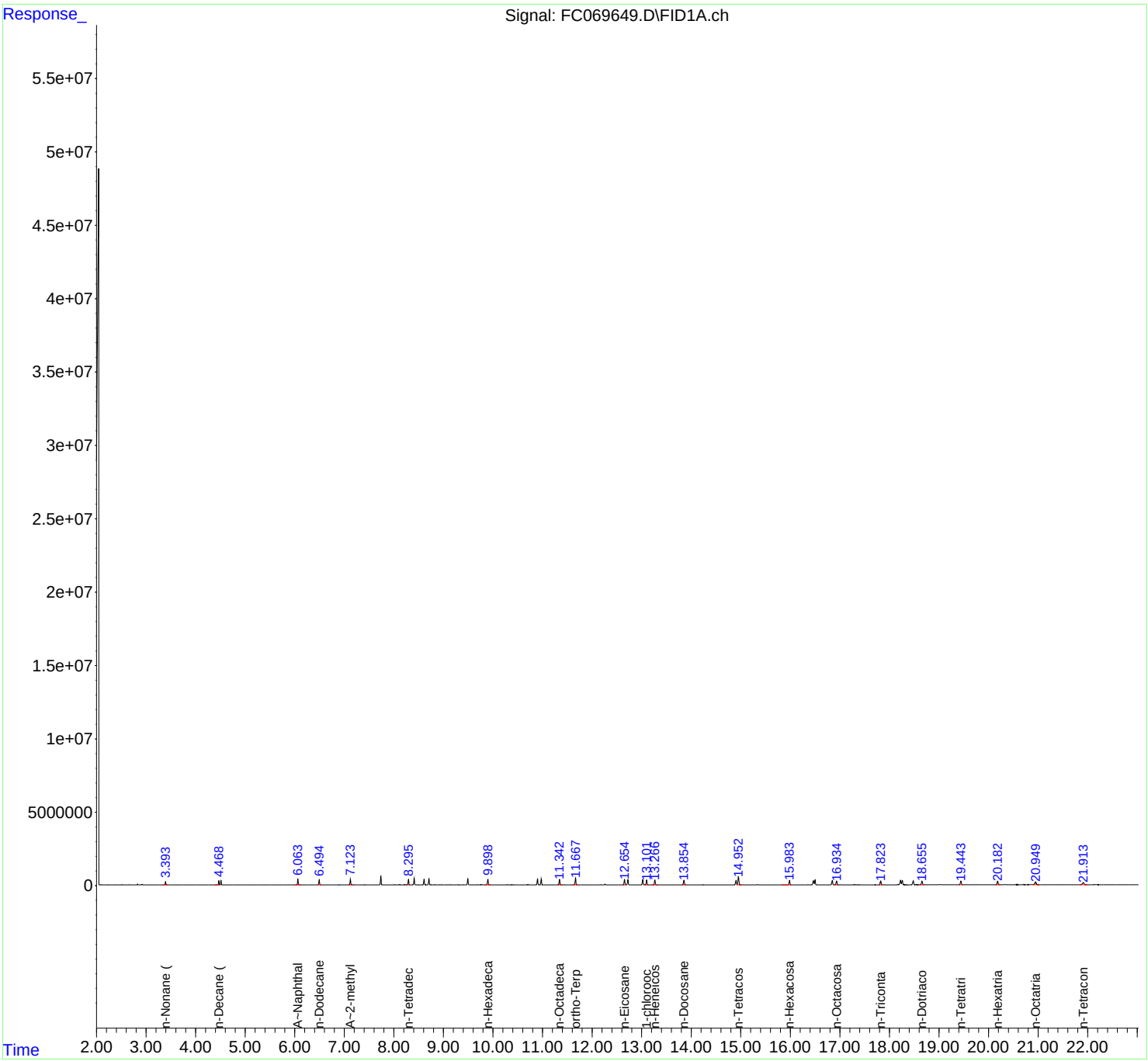
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069649.D
Signal(s) : FID1A.ch
Acq On : 13 Aug 2025 00:13
Operator : YP/AJ
Sample : Q2830-03MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTMS

Integration File: autoint1.e
Quant Time: Aug 13 01:40:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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\FC081225AL\
Data File : FC069649.D
Signal(s) : FID1A.ch
Acq On : 13 Aug 2025 00:13
Sample : Q2830-03MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.217	3.204	3.234	PH	198	1865	0.02%	0.001%
2	3.247	3.234	3.334	PV	374	10552	0.13%	0.006%
3	3.348	3.334	3.364	PV	76	648	0.01%	0.000%
4	3.394	3.364	3.479	VV	233543	1965334	24.76%	1.135%
5	3.497	3.479	3.507	VV	249	2554	0.03%	0.001%
6	3.522	3.507	3.534	VV	300	3510	0.04%	0.002%
7	3.546	3.534	3.560	VV	240	2812	0.04%	0.002%
8	3.595	3.560	3.616	VV	227	3879	0.05%	0.002%
9	3.689	3.616	3.730	PV	965	20436	0.26%	0.012%
10	3.748	3.730	3.757	VV	397	4436	0.06%	0.003%
11	3.781	3.757	3.828	VV	3508	35390	0.45%	0.020%
12	3.843	3.828	3.858	VV	326	2847	0.04%	0.002%
13	3.879	3.858	3.924	VV	2742	25871	0.33%	0.015%
14	3.941	3.924	3.966	VV	413	4815	0.06%	0.003%
15	3.982	3.966	4.034	VV	401	7639	0.10%	0.004%
16	4.095	4.034	4.116	VV	333	10603	0.13%	0.006%
17	4.164	4.116	4.188	VV	356	9776	0.12%	0.006%
18	4.199	4.188	4.217	VV	292	3654	0.05%	0.002%
19	4.233	4.217	4.259	VV	445	8459	0.11%	0.005%
20	4.274	4.259	4.295	VV	512	7555	0.10%	0.004%
21	4.311	4.295	4.352	VV	236	5489	0.07%	0.003%
22	4.385	4.352	4.402	PV	346	5194	0.07%	0.003%
23	4.425	4.402	4.439	VV	449	6419	0.08%	0.004%
24	4.468	4.439	4.490	VV	293059	2600517	32.77%	1.502%
25	4.512	4.490	4.557	VV	329706	2890293	36.42%	1.669%

rteres

26	4.574	4.557	4.599	VV	3273	34692	0.44%	0.020%
27	4.620	4.599	4.658	VV	5217	55171	0.70%	0.032%
28	4.670	4.658	4.684	VV	686	8148	0.10%	0.005%
29	4.694	4.684	4.709	VV	434	5200	0.07%	0.003%
30	4.723	4.709	4.737	VV	608	6636	0.08%	0.004%
31	4.754	4.737	4.791	VV	1072	15550	0.20%	0.009%
32	4.802	4.791	4.812	VV	675	6555	0.08%	0.004%
33	4.822	4.812	4.833	VV	698	6622	0.08%	0.004%
34	4.843	4.833	4.859	VV	643	6437	0.08%	0.004%
35	4.883	4.859	4.924	VV	1295	22252	0.28%	0.013%
36	4.946	4.924	4.971	VV	1287	16151	0.20%	0.009%
37	4.991	4.971	5.008	VV	415	5525	0.07%	0.003%
38	5.022	5.008	5.051	VV	393	7369	0.09%	0.004%
39	5.116	5.051	5.141	VV	586	14242	0.18%	0.008%
40	5.167	5.141	5.176	VV	1275	12450	0.16%	0.007%
41	5.190	5.176	5.231	VV	2412	33777	0.43%	0.020%
42	5.241	5.231	5.256	VV	574	5930	0.07%	0.003%
43	5.276	5.256	5.290	VV	337	5709	0.07%	0.003%
44	5.326	5.290	5.344	VV	1572	29075	0.37%	0.017%
45	5.372	5.344	5.387	VV	991	18835	0.24%	0.011%
46	5.401	5.387	5.415	VV	1049	12312	0.16%	0.007%
47	5.432	5.415	5.483	VV	842	22554	0.28%	0.013%
48	5.511	5.483	5.526	VV	2929	36126	0.46%	0.021%
49	5.537	5.526	5.563	VV	2081	25601	0.32%	0.015%
50	5.580	5.563	5.591	VV	929	11006	0.14%	0.006%
51	5.600	5.591	5.618	VV	707	8736	0.11%	0.005%
52	5.643	5.618	5.676	VV	666	18289	0.23%	0.011%
53	5.698	5.676	5.770	VV	3498	71085	0.90%	0.041%
54	5.799	5.770	5.831	VV	2974	64085	0.81%	0.037%
55	5.849	5.831	5.890	VV	2576	42220	0.53%	0.024%
56	5.921	5.890	5.944	VV	1466	30542	0.38%	0.018%
57	5.971	5.944	5.992	VV	1581	27157	0.34%	0.016%
58	6.023	5.992	6.038	VV	1745	34689	0.44%	0.020%
59	6.064	6.038	6.134	VV	399134	3754150	47.30%	2.168%
60	6.163	6.134	6.176	VV	1769	38483	0.48%	0.022%
61	6.195	6.176	6.222	VV	3833	67181	0.85%	0.039%
62	6.240	6.222	6.264	VV	2372	44394	0.56%	0.026%
63	6.280	6.264	6.294	VV	2883	37119	0.47%	0.021%
64	6.317	6.294	6.355	VV	2611	78746	0.99%	0.045%
65	6.374	6.355	6.398	VV	2523	47110	0.59%	0.027%
66	6.432	6.398	6.464	VV	4465	100145	1.26%	0.058%
67	6.494	6.464	6.542	VV	349438	3487535	43.94%	2.014%
68	6.583	6.542	6.598	VV	2095	57568	0.73%	0.033%
69	6.615	6.598	6.625	VV	2220	31466	0.40%	0.018%

rteres

70	6.642	6.625	6.662	VV	3187	52032	0.66%	0.030%
71	6.691	6.662	6.728	VV	3799	84253	1.06%	0.049%
72	6.776	6.728	6.795	VV	4179	91811	1.16%	0.053%
73	6.817	6.795	6.843	VV	3818	72082	0.91%	0.042%
74	6.898	6.843	6.921	VV	8220	149880	1.89%	0.087%
75	6.935	6.921	6.946	VV	2409	31656	0.40%	0.018%
76	6.967	6.946	6.986	VV	5368	79319	1.00%	0.046%
77	7.028	6.986	7.045	VV	10675	171372	2.16%	0.099%
78	7.058	7.045	7.086	VV	4918	84454	1.06%	0.049%
79	7.123	7.086	7.177	VV	381464	3838836	48.37%	2.217%
80	7.197	7.177	7.240	VV	10026	183857	2.32%	0.106%
81	7.260	7.240	7.283	VV	4436	85010	1.07%	0.049%
82	7.304	7.283	7.328	VV	4355	92039	1.16%	0.053%
83	7.340	7.328	7.365	VV	3072	60504	0.76%	0.035%
84	7.405	7.365	7.449	VV	7253	208339	2.63%	0.120%
85	7.466	7.449	7.502	VV	4284	112256	1.41%	0.065%
86	7.511	7.502	7.540	VV	3477	61991	0.78%	0.036%
87	7.558	7.540	7.570	VV	2415	41185	0.52%	0.024%
88	7.598	7.570	7.633	VV	6079	150376	1.89%	0.087%
89	7.649	7.633	7.668	VV	3600	60600	0.76%	0.035%
90	7.857	7.803	7.912	VV	4189	226199	2.85%	0.131%
91	7.937	7.912	7.958	VV	3642	84910	1.07%	0.049%
92	8.007	7.958	8.020	VV	6871	173529	2.19%	0.100%
93	8.030	8.020	8.079	VV	6683	180268	2.27%	0.104%
94	8.113	8.079	8.158	VV	17973	374063	4.71%	0.216%
95	8.173	8.158	8.187	VV	4010	68161	0.86%	0.039%
96	8.223	8.187	8.240	VV	15263	257229	3.24%	0.149%
97	8.251	8.240	8.265	VV	7583	92212	1.16%	0.053%
98	8.295	8.265	8.326	VV	371566	3925691	49.46%	2.267%
99	8.336	8.326	8.355	VV	4764	71666	0.90%	0.041%
100	8.410	8.355	8.443	VV	439422	4413945	55.62%	2.549%
101	8.461	8.443	8.476	VV	6712	103562	1.30%	0.060%
102	8.497	8.476	8.509	VV	6157	106984	1.35%	0.062%
103	8.520	8.509	8.557	VV	5920	132642	1.67%	0.077%
104	8.652	8.636	8.664	VV	6039	91201	1.15%	0.053%
105	8.707	8.664	8.741	VV	431579	4418031	55.67%	2.551%
106	8.758	8.741	8.784	VV	7401	134864	1.70%	0.078%
107	8.829	8.784	8.854	VV	14751	307491	3.87%	0.178%
108	8.866	8.854	8.881	VV	4319	62887	0.79%	0.036%
109	8.910	8.881	8.924	VV	7200	134649	1.70%	0.078%
110	8.942	8.924	8.962	VV	9669	151028	1.90%	0.087%
111	8.977	8.962	8.997	VV	7310	119645	1.51%	0.069%
112	9.015	8.997	9.037	VV	5385	112532	1.42%	0.065%

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113	9.065	9.037	9.082	VV	6592	142600	1.80%	0.082%
114	9.113	9.082	9.131	VV	9119	169998	2.14%	0.098%
115	9.153	9.131	9.185	VV	9287	184102	2.32%	0.106%
116	9.203	9.185	9.230	VV	4238	102139	1.29%	0.059%
117	9.269	9.230	9.286	VV	7572	157529	1.98%	0.091%
118	9.301	9.286	9.334	VV	6741	130125	1.64%	0.075%
119	9.351	9.334	9.367	VV	4280	74162	0.93%	0.043%
120	9.407	9.367	9.431	VV	8345	201342	2.54%	0.116%
121	9.447	9.431	9.459	VV	4376	68022	0.86%	0.039%
122	9.493	9.459	9.541	VV	428872	4535021	57.14%	2.619%
123	9.570	9.541	9.598	VV	9452	194067	2.45%	0.112%
124	9.610	9.598	9.623	VV	4564	63052	0.79%	0.036%
125	9.669	9.623	9.683	VV	6537	191155	2.41%	0.110%
126	9.703	9.683	9.743	VV	10785	227916	2.87%	0.132%
127	9.766	9.743	9.794	VV	31515	397741	5.01%	0.230%
128	9.813	9.794	9.833	VV	5523	112712	1.42%	0.065%
129	9.898	9.833	9.951	VV	384327	4487109	56.54%	2.591%
130	9.978	9.951	9.991	VV	4102	95255	1.20%	0.055%
131	10.004	9.991	10.044	VV	4586	118580	1.49%	0.068%
132	10.074	10.044	10.158	VV	5145	241063	3.04%	0.139%
133	10.174	10.158	10.192	VV	4004	70647	0.89%	0.041%
134	10.236	10.192	10.259	VV	5547	150704	1.90%	0.087%
135	10.285	10.259	10.313	VV	12879	227673	2.87%	0.131%
136	10.343	10.313	10.354	VV	5256	107399	1.35%	0.062%
137	10.369	10.354	10.394	VV	6084	114049	1.44%	0.066%
138	10.413	10.394	10.461	VV	6584	172591	2.17%	0.100%
139	10.489	10.461	10.526	VV	4896	159660	2.01%	0.092%
140	10.554	10.526	10.602	VV	4938	192546	2.43%	0.111%
141	10.624	10.602	10.644	VV	4649	107240	1.35%	0.062%
142	10.659	10.644	10.675	VV	4472	75653	0.95%	0.044%
143	10.707	10.675	10.741	VV	20429	390885	4.93%	0.226%
144	10.755	10.741	10.793	VV	4292	116775	1.47%	0.067%
145	10.899	10.793	10.940	VV	408638	4604759	58.02%	2.659%
146	10.975	10.940	11.011	VV	406408	4398414	55.42%	2.540%
147	11.028	11.011	11.064	VV	4776	123778	1.56%	0.071%
148	11.074	11.064	11.091	VV	3219	49615	0.63%	0.029%
149	11.111	11.091	11.127	VV	3765	71715	0.90%	0.041%
150	11.143	11.127	11.168	VV	4183	87617	1.10%	0.051%
151	11.188	11.168	11.225	VV	4581	134190	1.69%	0.077%
152	11.251	11.225	11.273	VV	3907	101026	1.27%	0.058%
153	11.288	11.273	11.308	VV	3781	74574	0.94%	0.043%
154	11.342	11.308	11.400	VV	373439	4461753	56.22%	2.576%
155	11.431	11.400	11.471	VV	11729	252059	3.18%	0.146%

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156	11.494	11.471	11.517	VV	3539	81677	1.03%	0.047%
157	11.541	11.517	11.568	VV	3509	93893	1.18%	0.054%
158	11.584	11.568	11.615	VV	3341	85669	1.08%	0.049%
159	11.666	11.615	11.716	VV	479879	5322579	67.06%	3.073%
160	11.732	11.716	11.771	VV	5169	124104	1.56%	0.072%
161	11.796	11.771	11.809	VV	3618	73340	0.92%	0.042%
162	11.815	11.809	11.831	VV	3248	40755	0.51%	0.024%
163	11.850	11.831	11.866	VV	4308	73028	0.92%	0.042%
164	11.882	11.866	11.928	VV	4013	111512	1.41%	0.064%
165	11.948	11.928	11.964	VV	2672	54949	0.69%	0.032%
166	11.991	11.964	12.019	VV	4631	113453	1.43%	0.066%
167	12.034	12.019	12.054	VV	2935	58040	0.73%	0.034%
168	12.068	12.054	12.088	VV	2753	52565	0.66%	0.030%
169	12.103	12.088	12.134	VV	3195	81115	1.02%	0.047%
170	12.137	12.134	12.145	VV	2941	19074	0.24%	0.011%
171	12.167	12.145	12.218	VV	7202	179802	2.27%	0.104%
172	12.259	12.218	12.334	VV	48402	758174	9.55%	0.438%
173	12.345	12.334	12.361	VV	2822	43518	0.55%	0.025%
174	12.375	12.361	12.410	VV	2801	73634	0.93%	0.043%
175	12.422	12.410	12.431	VV	2459	29880	0.38%	0.017%
176	12.444	12.431	12.458	VV	2774	41359	0.52%	0.024%
177	12.484	12.458	12.530	VV	3462	118014	1.49%	0.068%
178	12.597	12.530	12.619	VV	4423	150697	1.90%	0.087%
179	12.654	12.619	12.687	VV	376619	4417876	55.67%	2.551%
180	12.723	12.687	12.821	VV	369391	4355869	54.88%	2.515%
181	12.846	12.821	12.866	VV	1871	45453	0.57%	0.026%
182	12.905	12.866	12.955	VV	4810	114396	1.44%	0.066%
183	12.975	12.955	12.983	VV	1555	23973	0.30%	0.014%
184	13.022	12.983	13.063	VV	364105	4305806	54.25%	2.486%
185	13.101	13.063	13.134	VV	342312	4044868	50.97%	2.336%
186	13.152	13.134	13.179	VV	2219	48456	0.61%	0.028%
187	13.195	13.179	13.230	VV	1561	43089	0.54%	0.025%
188	13.267	13.230	13.324	VV	336010	4198868	52.91%	2.425%
189	13.351	13.324	13.404	VV	2126	79692	1.00%	0.046%
190	13.412	13.404	13.428	VV	1462	18628	0.23%	0.011%
191	13.453	13.428	13.470	VV	1508	35915	0.45%	0.021%
192	13.495	13.470	13.584	VV	4786	134972	1.70%	0.078%
193	13.606	13.584	13.627	VV	1555	32378	0.41%	0.019%
194	13.642	13.627	13.660	VV	1213	20787	0.26%	0.012%
195	13.719	13.660	13.741	VV	3506	80757	1.02%	0.047%
196	13.757	13.741	13.781	VV	1132	23915	0.30%	0.014%
197	13.801	13.781	13.821	VV	1742	30609	0.39%	0.018%
198	13.854	13.821	13.918	VV	312530	4079506	51.40%	2.356%
199	13.928	13.918	13.962	VV	795	17586	0.22%	0.010%

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200	13.990	13.962	14.006	VV	608	14581	0.18%	0.008%
201	14.029	14.006	14.048	VV	1293	20751	0.26%	0.012%
202	14.069	14.048	14.077	VV	707	11760	0.15%	0.007%
203	14.103	14.077	14.131	VV	1302	26489	0.33%	0.015%
204	14.140	14.131	14.179	VV	550	11918	0.15%	0.007%
205	14.242	14.179	14.271	VV	5692	99659	1.26%	0.058%
206	14.289	14.271	14.334	VV	2228	48504	0.61%	0.028%
207	14.347	14.334	14.391	VV	749	20321	0.26%	0.012%
208	14.416	14.391	14.438	VV	1638	25292	0.32%	0.015%
209	14.450	14.438	14.462	VV	512	6529	0.08%	0.004%
210	14.484	14.462	14.503	VV	1077	15646	0.20%	0.009%
211	14.521	14.503	14.564	VV	627	14294	0.18%	0.008%
212	14.587	14.564	14.608	VV	459	7760	0.10%	0.004%
213	14.637	14.608	14.684	VV	518	11801	0.15%	0.007%
214	14.694	14.684	14.740	VV	185	4330	0.05%	0.003%
215	14.764	14.740	14.777	VV	245	4045	0.05%	0.002%
216	14.810	14.777	14.833	VV	590	13868	0.17%	0.008%
217	14.846	14.833	14.863	VV	378	5343	0.07%	0.003%
218	14.904	14.863	14.925	VV	302010	4027223	50.74%	2.325%
219	14.952	14.925	14.992	VV	545076	7936533	100.00%	4.583%
220	15.002	14.992	15.046	VV	1300	21440	0.27%	0.012%
221	15.059	15.046	15.094	VV	472	8031	0.10%	0.005%
222	15.148	15.094	15.180	VV	343	8633	0.11%	0.005%
223	15.207	15.180	15.275	PV	238	7844	0.10%	0.005%
224	15.337	15.275	15.417	VV	18932	348372	4.39%	0.201%
225	15.431	15.417	15.451	VV	663	10856	0.14%	0.006%
226	15.480	15.451	15.518	VV	3227	78119	0.98%	0.045%
227	15.555	15.518	15.591	VV	4373	72593	0.91%	0.042%
228	15.609	15.591	15.661	VV	426	7589	0.10%	0.004%
229	15.667	15.661	15.688	PV	44	441	0.01%	0.000%
230	15.753	15.688	15.771	VV	687	16266	0.20%	0.009%
231	15.786	15.771	15.830	VV	609	14777	0.19%	0.009%
232	15.860	15.830	15.917	VV	896	24002	0.30%	0.014%
233	15.984	15.917	16.022	VV	298126	3771162	47.52%	2.178%
234	16.045	16.022	16.096	VV	1373	23705	0.30%	0.014%
235	16.111	16.096	16.137	VV	229	3601	0.05%	0.002%
236	16.183	16.137	16.225	PV	882	14733	0.19%	0.009%
237	16.282	16.225	16.304	VV	327	9039	0.11%	0.005%
238	16.356	16.304	16.410	VV	5733	122885	1.55%	0.071%
239	16.465	16.410	16.482	VV	283465	4078817	51.39%	2.355%
240	16.500	16.482	16.526	VV	350636	3999160	50.39%	2.309%
241	16.544	16.526	16.578	VV	4600	69063	0.87%	0.040%
242	16.593	16.578	16.614	VV	634	8767	0.11%	0.005%

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243	16.629	16.614	16.648	VV	213	3170	0.04%	0.002%
244	16.664	16.648	16.688	VV	361	4220	0.05%	0.002%
245	16.712	16.688	16.741	VV	1965	27056	0.34%	0.016%
246	16.781	16.741	16.804	VV	893	19758	0.25%	0.011%
247	16.848	16.804	16.880	VV	303720	3967629	49.99%	2.291%
248	16.934	16.880	16.968	VV	266046	3659580	46.11%	2.113%
249	17.009	16.968	17.109	VV	9342	149999	1.89%	0.087%
250	17.131	17.109	17.151	VV	522	2437	0.03%	0.001%
251	17.203	17.151	17.240	PV	362	10123	0.13%	0.006%
252	17.299	17.240	17.354	PV	12295	267340	3.37%	0.154%
253	17.382	17.354	17.425	VV	8733	135617	1.71%	0.078%
254	17.465	17.425	17.530	VV	2163	38859	0.49%	0.022%
255	17.555	17.530	17.578	VV	450	7569	0.10%	0.004%
256	17.606	17.578	17.634	PV	329	6002	0.08%	0.003%
257	17.662	17.634	17.681	PV	412	5772	0.07%	0.003%
258	17.712	17.681	17.735	VV	2758	38232	0.48%	0.022%
259	17.823	17.735	17.878	VV	270012	3645650	45.94%	2.105%
260	17.910	17.878	17.968	VV	6797	107617	1.36%	0.062%
261	18.006	17.968	18.021	VV	691	11415	0.14%	0.007%
262	18.058	18.021	18.113	VV	1262	31193	0.39%	0.018%
263	18.224	18.113	18.240	VV	306308	4612139	58.11%	2.663%
264	18.260	18.240	18.292	VV	305495	4061862	51.18%	2.345%
265	18.306	18.292	18.318	VV	1493	21159	0.27%	0.012%
266	18.338	18.318	18.368	VV	1980	42093	0.53%	0.024%
267	18.377	18.368	18.421	VV	850	18165	0.23%	0.010%
268	18.480	18.421	18.515	VV	275401	3817657	48.10%	2.204%
269	18.536	18.515	18.568	VV	1183	29631	0.37%	0.017%
270	18.606	18.568	18.614	VV	2302	39687	0.50%	0.023%
271	18.656	18.614	18.713	VV	258612	3649051	45.98%	2.107%
272	18.755	18.713	18.841	VV	8222	216910	2.73%	0.125%
273	18.862	18.841	18.885	VV	1123	26520	0.33%	0.015%
274	18.894	18.885	18.904	VV	944	9710	0.12%	0.006%
275	18.957	18.904	18.977	VV	3644	81850	1.03%	0.047%
276	19.015	18.977	19.038	VV	14354	304669	3.84%	0.176%
277	19.050	19.038	19.101	VV	9650	223388	2.81%	0.129%
278	19.152	19.101	19.173	VV	3330	122013	1.54%	0.070%
279	19.192	19.173	19.213	VV	2724	52669	0.66%	0.030%
280	19.252	19.213	19.284	VV	2459	88116	1.11%	0.051%
281	19.308	19.284	19.334	VV	2132	58088	0.73%	0.034%
282	19.352	19.334	19.383	VV	2152	53248	0.67%	0.031%
283	19.442	19.383	19.483	VV	255256	3746745	47.21%	2.163%
284	19.506	19.483	19.522	VV	4096	73682	0.93%	0.043%
285	19.547	19.522	19.581	VV	9509	183409	2.31%	0.106%

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286	19.617	19.581	19.640	VV	2775	82641	1.04%	0.048%
287	19.662	19.640	19.688	VV	2331	64305	0.81%	0.037%
288	19.716	19.688	19.756	VV	2984	104773	1.32%	0.060%
289	19.799	19.756	19.829	VV	7006	218448	2.75%	0.126%
290	19.844	19.829	19.880	VV	5769	136691	1.72%	0.079%
291	19.918	19.880	19.958	VV	3418	148923	1.88%	0.086%
292	19.992	19.958	20.018	VV	4806	142220	1.79%	0.082%
293	20.065	20.018	20.099	VV	4514	197581	2.49%	0.114%
294	20.182	20.099	20.244	VV	242754	3755080	47.31%	2.168%
295	20.340	20.244	20.368	VV	8336	397714	5.01%	0.230%
296	20.405	20.368	20.444	VV	4771	210487	2.65%	0.122%
297	20.454	20.444	20.471	VV	4405	70357	0.89%	0.041%
298	20.498	20.471	20.506	VV	4348	89931	1.13%	0.052%
299	20.540	20.506	20.567	VV	5632	179915	2.27%	0.104%
300	20.586	20.567	20.634	VV	4933	180989	2.28%	0.105%
301	20.649	20.634	20.681	VV	4295	117959	1.49%	0.068%
302	20.718	20.681	20.761	VV	4611	201247	2.54%	0.116%
303	20.883	20.761	20.895	VV	5833	382601	4.82%	0.221%
304	20.949	20.895	21.081	VV	196622	3891584	49.03%	2.247%
305	21.097	21.081	21.121	VV	2919	67017	0.84%	0.039%
306	21.144	21.121	21.210	VV	2768	139502	1.76%	0.081%
307	21.265	21.210	21.308	VV	2728	148234	1.87%	0.086%
308	21.334	21.308	21.348	VV	2115	50056	0.63%	0.029%
309	21.401	21.348	21.423	VV	2554	103746	1.31%	0.060%
310	21.460	21.423	21.564	VV	2640	175001	2.21%	0.101%
311	21.574	21.564	21.614	VV	1400	39537	0.50%	0.023%
312	21.631	21.614	21.710	VV	1296	63449	0.80%	0.037%
313	21.767	21.710	21.823	VV	1218	61986	0.78%	0.036%
314	21.912	21.823	22.034	VV	137180	3407319	42.93%	1.967%

Sum of corrected areas: 173181186

Aliphatic EPH 080125.M Wed Aug 13 05:19:54 2025

Quantitation Report (QT Reviewed)

Sample Results: **FC069650.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069650.D
Signal(s) : FID1A.ch
Acq On : 13 Aug 2025 01:50
Operator : YP/AJ
Sample : Q2830-03MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTMSD

Integration File: autoint1.e
Quant Time: Aug 13 03:18:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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)	11.666	5388201	36.117 ug/ml
Spiked Amount	50.000		Recovery =	72.23%
12) S	1-chlorooctadecane (S...	13.101	4191300	38.444 ug/ml
Spiked Amount	50.000		Recovery =	76.89%
	Target Compounds			
1) T	n-Nonane (C9)	3.389	2057297	14.440 ug/ml
2) T	n-Decane (C10)	4.465	2735805	18.818 ug/ml
3) T	A~Naphthalene (C11.7)	6.062	3875121	24.974 ug/ml
4) T	n-Dodecane (C12)	6.493	3590167	24.559 ug/ml
5) T	A~2-methylnaphthalene...	7.123	3888412	26.403 ug/ml
6) T	n-Tetradecane (C14)	8.294	3987267	27.939 ug/ml
7) T	n-Hexadecane (C16)	9.898	4398093	30.509 ug/ml
8) T	n-Octadecane (C18)	11.343	4509220	31.887 ug/ml
10) T	n-Eicosane (C20)	12.655	4571242	34.702 ug/ml
11) T	n-Heneicosane (C21)	13.268	4355480	34.149 ug/ml
13) T	n-Docosane (C22)	13.856	4258313	34.088 ug/ml
14) T	n-Tetracosane (C24)	14.953	8295221	68.742 ug/ml
15) T	n-Hexacosane (C26)	15.984	3942314	34.118 ug/ml
16) T	n-Octacosane (C28)	16.934	3798392	33.887 ug/ml
17) T	n-Tricontane (C30)	17.824	3739925	32.664 ug/ml
18) T	n-Dotriacontane (C32)	18.657	3748872	33.749 ug/ml
19) T	n-Tetratriacontane (C34)	19.443	3830871	37.623 ug/ml
20) T	n-Hexatriacontane (C36)	20.184	3611542	40.504 ug/ml
21) T	n-Octatriacontane (C38)	20.949	3607829	44.850 ug/ml
22) T	n-Tetracontane (C40)	21.911	3532076	47.169 ug/ml

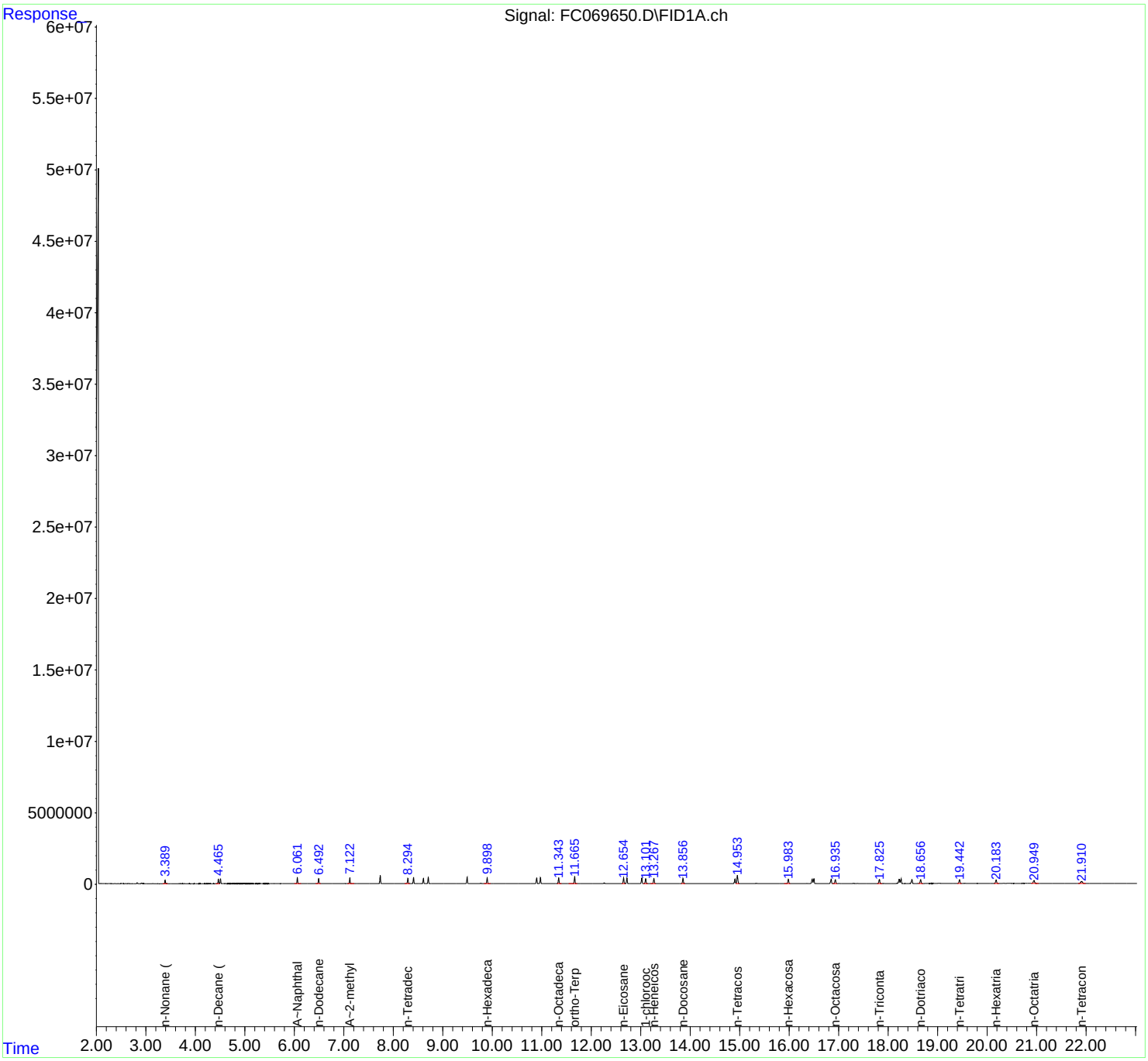
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069650.D
Signal(s) : FID1A.ch
Acq On : 13 Aug 2025 01:50
Operator : YP/AJ
Sample : Q2830-03MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTMSD

Integration File: autoint1.e
Quant Time: Aug 13 03:18:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 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\FC081225AL\
Data File : FC069650.D
Signal(s) : FID1A.ch
Acq On : 13 Aug 2025 01:50
Sample : Q2830-03MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.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	3.242	3.204	3.261	BV	334	4230	0.05%	0.003%
2	3.271	3.261	3.309	VV	387	6190	0.07%	0.004%
3	3.323	3.309	3.335	PV	94	917	0.01%	0.001%
4	3.344	3.335	3.354	VV	78	627	0.01%	0.000%
5	3.389	3.354	3.481	PV	244008	2068740	24.84%	1.235%
6	3.515	3.481	3.528	VV	224	4346	0.05%	0.003%
7	3.539	3.528	3.575	VV	241	4364	0.05%	0.003%
8	3.592	3.575	3.621	VV	222	3690	0.04%	0.002%
9	3.635	3.621	3.644	VV	157	1520	0.02%	0.001%
10	3.684	3.644	3.728	VV	1039	18764	0.23%	0.011%
11	3.742	3.728	3.761	VV	479	5508	0.07%	0.003%
12	3.778	3.761	3.848	VV	3799	36425	0.44%	0.022%
13	3.875	3.848	3.919	VV	3089	30396	0.36%	0.018%
14	3.934	3.919	3.944	VV	197	2245	0.03%	0.001%
15	3.975	3.944	4.004	VV	293	7172	0.09%	0.004%
16	4.010	4.004	4.021	VV	118	1028	0.01%	0.001%
17	4.043	4.021	4.053	VV	265	3667	0.04%	0.002%
18	4.090	4.053	4.148	VV	451	15369	0.18%	0.009%
19	4.197	4.148	4.215	VV	404	9958	0.12%	0.006%
20	4.229	4.215	4.249	VV	379	5335	0.06%	0.003%
21	4.259	4.249	4.341	VV	256	11354	0.14%	0.007%
22	4.354	4.341	4.403	VV	225	6790	0.08%	0.004%
23	4.465	4.403	4.487	VV	307298	2745332	32.96%	1.639%
24	4.509	4.487	4.553	VV	349261	3041784	36.52%	1.816%
25	4.571	4.553	4.598	VV	3556	38975	0.47%	0.023%

rteres

26	4.617	4.598	4.654	VV	5405	55309	0.66%	0.033%
27	4.672	4.654	4.704	VV	420	9247	0.11%	0.006%
28	4.720	4.704	4.737	VV	281	5143	0.06%	0.003%
29	4.749	4.737	4.779	VV	346	5805	0.07%	0.003%
30	4.798	4.779	4.832	VV	272	6763	0.08%	0.004%
31	4.846	4.832	4.892	VV	269	7546	0.09%	0.005%
32	4.915	4.892	4.941	VV	253	5739	0.07%	0.003%
33	4.948	4.941	4.991	VV	259	5647	0.07%	0.003%
34	5.008	4.991	5.028	VV	284	4305	0.05%	0.003%
35	5.042	5.028	5.064	VV	236	4560	0.05%	0.003%
36	5.068	5.064	5.084	VV	255	2366	0.03%	0.001%
37	5.106	5.084	5.133	VV	265	6073	0.07%	0.004%
38	5.158	5.133	5.174	VV	278	5486	0.07%	0.003%
39	5.188	5.174	5.197	VV	311	3753	0.05%	0.002%
40	5.206	5.197	5.258	VV	365	8376	0.10%	0.005%
41	5.288	5.258	5.301	VV	256	5681	0.07%	0.003%
42	5.322	5.301	5.375	VV	1268	20440	0.25%	0.012%
43	5.385	5.375	5.418	VV	222	4631	0.06%	0.003%
44	5.437	5.418	5.448	VV	184	2806	0.03%	0.002%
45	5.505	5.448	5.524	VV	1344	19902	0.24%	0.012%
46	5.556	5.524	5.595	VV	404	12682	0.15%	0.008%
47	5.678	5.595	5.688	VV	394	14578	0.18%	0.009%
48	5.698	5.688	5.721	VV	316	4902	0.06%	0.003%
49	5.741	5.721	5.773	VV	419	8377	0.10%	0.005%
50	5.799	5.773	5.826	VV	290	7999	0.10%	0.005%
51	5.847	5.826	5.883	VV	354	9208	0.11%	0.005%
52	5.975	5.883	5.991	VV	474	17639	0.21%	0.011%
53	6.014	5.991	6.025	VV	296	5081	0.06%	0.003%
54	6.062	6.025	6.188	VV	415961	3916648	47.02%	2.338%
55	6.207	6.188	6.234	VV	541	11341	0.14%	0.007%
56	6.241	6.234	6.252	VV	359	3561	0.04%	0.002%
57	6.269	6.252	6.287	VV	370	6589	0.08%	0.004%
58	6.301	6.287	6.314	VV	342	4988	0.06%	0.003%
59	6.336	6.314	6.368	VV	707	14498	0.17%	0.009%
60	6.382	6.368	6.408	VV	402	7758	0.09%	0.005%
61	6.428	6.408	6.457	VV	372	8854	0.11%	0.005%
62	6.493	6.457	6.543	VV	362735	3607864	43.31%	2.154%
63	6.561	6.543	6.600	VV	622	12036	0.14%	0.007%
64	6.612	6.600	6.624	VV	250	2718	0.03%	0.002%
65	6.639	6.624	6.724	VV	375	10294	0.12%	0.006%
66	6.738	6.724	6.747	VV	137	1795	0.02%	0.001%
67	6.766	6.747	6.803	VV	281	5847	0.07%	0.003%
68	6.822	6.803	6.841	VV	241	3882	0.05%	0.002%
69	6.879	6.841	6.896	VV	496	7569	0.09%	0.005%

rteres

70	6.966	6.896	7.004	VV	4125	56950	0.68%	0.034%
71	7.028	7.004	7.080	VV	8683	89160	1.07%	0.053%
72	7.123	7.080	7.233	VV	396406	3904487	46.87%	2.331%
73	7.258	7.233	7.293	VV	1537	25352	0.30%	0.015%
74	7.313	7.293	7.329	VV	1635	21604	0.26%	0.013%
75	7.338	7.329	7.365	VV	882	11177	0.13%	0.007%
76	7.389	7.365	7.401	VV	776	9686	0.12%	0.006%
77	7.417	7.401	7.441	VV	1332	15924	0.19%	0.010%
78	7.474	7.441	7.498	VV	379	9871	0.12%	0.006%
79	7.510	7.498	7.540	VV	338	6140	0.07%	0.004%
80	7.553	7.540	7.580	VV	191	4279	0.05%	0.003%
81	7.596	7.580	7.619	VV	551	7483	0.09%	0.004%
82	7.641	7.619	7.686	VV	335	9548	0.11%	0.006%
83	7.786	7.777	7.810	VV	1039	15700	0.19%	0.009%
84	7.837	7.810	7.858	VV	940	21830	0.26%	0.013%
85	7.873	7.858	7.951	VV	1043	35588	0.43%	0.021%
86	7.986	7.951	8.023	VV	1519	31811	0.38%	0.019%
87	8.042	8.023	8.089	VV	1027	24670	0.30%	0.015%
88	8.105	8.089	8.121	VV	643	10742	0.13%	0.006%
89	8.220	8.121	8.234	VV	851	50155	0.60%	0.030%
90	8.252	8.234	8.260	VV	836	11626	0.14%	0.007%
91	8.294	8.260	8.335	VV	376265	4009198	48.13%	2.394%
92	8.354	8.335	8.378	VV	602	13502	0.16%	0.008%
93	8.409	8.378	8.467	VV	431446	4402865	52.86%	2.629%
94	8.478	8.467	8.507	VV	569	10797	0.13%	0.006%
95	8.520	8.507	8.543	VV	528	7902	0.09%	0.005%
96	8.556	8.543	8.572	VV	275	4102	0.05%	0.002%
97	8.707	8.659	8.748	VV	447086	4475474	53.73%	2.672%
98	8.761	8.748	8.807	VV	997	21894	0.26%	0.013%
99	8.825	8.807	8.844	VV	392	6672	0.08%	0.004%
100	8.856	8.844	8.870	VV	371	5036	0.06%	0.003%
101	8.910	8.870	8.960	VV	3762	76919	0.92%	0.046%
102	8.977	8.960	8.996	VV	1206	20018	0.24%	0.012%
103	9.026	8.996	9.047	VV	1304	26645	0.32%	0.016%
104	9.061	9.047	9.085	VV	657	10066	0.12%	0.006%
105	9.114	9.085	9.171	VV	1103	19597	0.24%	0.012%
106	9.177	9.171	9.204	VV	202	2396	0.03%	0.001%
107	9.210	9.204	9.221	PV	79	784	0.01%	0.000%
108	9.252	9.221	9.261	VV	216	2939	0.04%	0.002%
109	9.279	9.261	9.344	VV	274	8147	0.10%	0.005%
110	9.370	9.344	9.408	VV	227	5418	0.07%	0.003%
111	9.418	9.408	9.427	VV	213	2253	0.03%	0.001%
112	9.493	9.427	9.597	VV	460025	4585657	55.05%	2.738%

rteres

113	9.615	9.597	9.654	VV	657	15538	0.19%	0.009%
114	9.673	9.654	9.685	VV	1433	16554	0.20%	0.010%
115	9.704	9.685	9.740	VV	6713	79338	0.95%	0.047%
116	9.766	9.740	9.848	VV	28961	338896	4.07%	0.202%
117	9.898	9.848	9.965	VV	405024	4415513	53.01%	2.636%
118	9.994	9.965	10.049	VV	369	9845	0.12%	0.006%
119	10.074	10.049	10.093	VV	480	6257	0.08%	0.004%
120	10.119	10.093	10.144	PV	384	5894	0.07%	0.004%
121	10.148	10.144	10.158	VV	96	611	0.01%	0.000%
122	10.176	10.158	10.198	VV	372	4363	0.05%	0.003%
123	10.240	10.198	10.271	VV	1412	18125	0.22%	0.011%
124	10.324	10.271	10.354	VV	507	16329	0.20%	0.010%
125	10.372	10.354	10.430	VV	394	10260	0.12%	0.006%
126	10.451	10.430	10.471	VV	330	5155	0.06%	0.003%
127	10.538	10.471	10.574	VV	572	21618	0.26%	0.013%
128	10.592	10.574	10.616	VV	603	10481	0.13%	0.006%
129	10.630	10.616	10.669	VV	516	8183	0.10%	0.005%
130	10.700	10.669	10.774	VV	4297	71431	0.86%	0.043%
131	10.781	10.774	10.794	VV	175	1908	0.02%	0.001%
132	10.814	10.794	10.835	VV	383	6785	0.08%	0.004%
133	10.898	10.835	10.939	VV	400167	4508008	54.12%	2.691%
134	10.974	10.939	11.034	VV	414537	4489581	53.90%	2.680%
135	11.050	11.034	11.114	VV	703	16626	0.20%	0.010%
136	11.143	11.114	11.165	VV	1399	19258	0.23%	0.011%
137	11.185	11.165	11.226	VV	1691	24329	0.29%	0.015%
138	11.267	11.226	11.289	VV	629	12074	0.14%	0.007%
139	11.343	11.289	11.398	VV	409388	4543157	54.54%	2.712%
140	11.419	11.398	11.481	VV	827	23160	0.28%	0.014%
141	11.500	11.481	11.520	VV	385	6956	0.08%	0.004%
142	11.532	11.520	11.564	VV	425	5570	0.07%	0.003%
143	11.585	11.564	11.608	VV	446	7257	0.09%	0.004%
144	11.666	11.608	11.719	VV	492728	5405840	64.90%	3.228%
145	11.759	11.719	11.781	VV	1357	26980	0.32%	0.016%
146	11.797	11.781	11.811	VV	1062	14634	0.18%	0.009%
147	11.822	11.811	11.841	VV	754	10065	0.12%	0.006%
148	11.853	11.841	11.867	VV	444	5887	0.07%	0.004%
149	11.877	11.867	11.915	VV	433	7185	0.09%	0.004%
150	11.945	11.915	11.978	PV	558	9148	0.11%	0.005%
151	12.006	11.978	12.033	VV	606	10986	0.13%	0.007%
152	12.066	12.033	12.086	VV	944	16463	0.20%	0.010%
153	12.104	12.086	12.116	VV	864	11597	0.14%	0.007%
154	12.122	12.116	12.141	VV	748	10112	0.12%	0.006%
155	12.166	12.141	12.224	VV	5654	103569	1.24%	0.062%

rteres

156	12.259	12.224	12.329	VV	50787	651312	7.82%	0.389%
157	12.344	12.329	12.361	VV	1177	19495	0.23%	0.012%
158	12.373	12.361	12.431	VV	852	29027	0.35%	0.017%
159	12.439	12.431	12.445	VV	628	4759	0.06%	0.003%
160	12.475	12.445	12.524	VV	1460	33452	0.40%	0.020%
161	12.591	12.524	12.618	VV	914	27835	0.33%	0.017%
162	12.655	12.618	12.686	VV	395923	4583254	55.02%	2.736%
163	12.722	12.686	12.810	VV	386251	4409551	52.94%	2.633%
164	12.822	12.810	12.828	VV	253	2386	0.03%	0.001%
165	12.848	12.828	12.870	VV	438	7883	0.09%	0.005%
166	12.904	12.870	12.951	VV	3714	51401	0.62%	0.031%
167	13.022	12.951	13.053	VV	384754	4390825	52.71%	2.622%
168	13.101	13.053	13.143	VV	351631	4206791	50.50%	2.512%
169	13.157	13.143	13.181	VV	452	8381	0.10%	0.005%
170	13.205	13.181	13.227	VV	638	11558	0.14%	0.007%
171	13.268	13.227	13.306	VV	360937	4373968	52.51%	2.611%
172	13.356	13.306	13.428	VV	913	47285	0.57%	0.028%
173	13.458	13.428	13.476	VV	728	15997	0.19%	0.010%
174	13.497	13.476	13.594	VV	3384	79698	0.96%	0.048%
175	13.609	13.594	13.626	VV	584	9372	0.11%	0.006%
176	13.642	13.626	13.661	VV	741	10901	0.13%	0.007%
177	13.695	13.661	13.736	VV	884	25631	0.31%	0.015%
178	13.758	13.736	13.773	VV	353	5943	0.07%	0.004%
179	13.799	13.773	13.818	VV	1337	21080	0.25%	0.013%
180	13.856	13.818	13.908	VV	345343	4271567	51.28%	2.550%
181	13.913	13.908	13.931	VV	288	3546	0.04%	0.002%
182	13.943	13.931	13.968	VV	381	5442	0.07%	0.003%
183	13.983	13.968	13.994	VV	291	3769	0.05%	0.002%
184	14.029	13.994	14.054	VV	1069	18297	0.22%	0.011%
185	14.062	14.054	14.081	VV	426	5690	0.07%	0.003%
186	14.105	14.081	14.134	VV	992	17709	0.21%	0.011%
187	14.142	14.134	14.165	VV	271	3922	0.05%	0.002%
188	14.243	14.165	14.272	VV	5715	97684	1.17%	0.058%
189	14.290	14.272	14.344	VV	2211	49256	0.59%	0.029%
190	14.361	14.344	14.391	VV	721	14760	0.18%	0.009%
191	14.415	14.391	14.437	VV	1719	24570	0.29%	0.015%
192	14.451	14.437	14.463	VV	558	7147	0.09%	0.004%
193	14.484	14.463	14.504	VV	1207	17379	0.21%	0.010%
194	14.521	14.504	14.556	VV	492	9911	0.12%	0.006%
195	14.585	14.556	14.608	VV	359	7185	0.09%	0.004%
196	14.637	14.608	14.674	VV	516	11023	0.13%	0.007%
197	14.702	14.674	14.731	PV	198	4535	0.05%	0.003%
198	14.761	14.731	14.777	VV	262	4830	0.06%	0.003%
199	14.809	14.777	14.834	VV	641	14699	0.18%	0.009%

rteres

200	14.848	14.834	14.863	VV	421	5268	0.06%	0.003%
201	14.906	14.863	14.926	VV	319829	4222418	50.69%	2.521%
202	14.953	14.926	14.993	VV	574861	8329806	100.00%	4.973%
203	15.003	14.993	15.038	VV	1460	21185	0.25%	0.013%
204	15.057	15.038	15.103	VV	473	10982	0.13%	0.007%
205	15.150	15.103	15.184	VV	460	11889	0.14%	0.007%
206	15.207	15.184	15.219	VV	211	3466	0.04%	0.002%
207	15.258	15.219	15.278	VV	240	6649	0.08%	0.004%
208	15.337	15.278	15.411	VV	20244	369773	4.44%	0.221%
209	15.432	15.411	15.452	VV	934	16221	0.19%	0.010%
210	15.477	15.452	15.512	VV	3175	50114	0.60%	0.030%
211	15.554	15.512	15.591	VV	5449	86357	1.04%	0.052%
212	15.606	15.591	15.691	VV	333	8719	0.10%	0.005%
213	15.754	15.691	15.769	VV	681	14586	0.18%	0.009%
214	15.794	15.769	15.832	VV	622	16626	0.20%	0.010%
215	15.864	15.832	15.914	VV	999	26106	0.31%	0.016%
216	15.984	15.914	16.024	VV	300034	3960940	47.55%	2.365%
217	16.046	16.024	16.135	VV	1479	31666	0.38%	0.019%
218	16.184	16.135	16.217	PV	768	13666	0.16%	0.008%
219	16.234	16.217	16.243	VV	140	1436	0.02%	0.001%
220	16.284	16.243	16.308	VV	410	9974	0.12%	0.006%
221	16.357	16.308	16.408	VV	6325	131154	1.57%	0.078%
222	16.466	16.408	16.482	VV	293270	4282181	51.41%	2.557%
223	16.501	16.482	16.528	VV	340957	4186351	50.26%	2.499%
224	16.545	16.528	16.575	VV	5428	78634	0.94%	0.047%
225	16.592	16.575	16.614	VV	622	9369	0.11%	0.006%
226	16.630	16.614	16.641	VV	204	3179	0.04%	0.002%
227	16.664	16.641	16.682	VV	407	5866	0.07%	0.004%
228	16.713	16.682	16.740	VV	2180	29197	0.35%	0.017%
229	16.781	16.740	16.800	VV	798	18978	0.23%	0.011%
230	16.850	16.800	16.881	VV	323516	4164407	49.99%	2.486%
231	16.934	16.881	16.968	VV	281880	3835739	46.05%	2.290%
232	17.009	16.968	17.112	VV	9939	161634	1.94%	0.097%
233	17.133	17.112	17.145	PV	210	1592	0.02%	0.001%
234	17.200	17.145	17.235	PV	373	11215	0.13%	0.007%
235	17.300	17.235	17.358	VV	13828	289176	3.47%	0.173%
236	17.383	17.358	17.419	VV	9559	144399	1.73%	0.086%
237	17.465	17.419	17.513	VV	2470	46882	0.56%	0.028%
238	17.523	17.513	17.531	VV	280	2529	0.03%	0.002%
239	17.555	17.531	17.581	VV	530	9218	0.11%	0.006%
240	17.607	17.581	17.633	VV	513	8483	0.10%	0.005%
241	17.669	17.633	17.683	PV	417	7812	0.09%	0.005%
242	17.713	17.683	17.735	VV	2854	44222	0.53%	0.026%

rteres

243	17.824	17.735	17.878	VV	282625	3838746	46.08%	2.292%
244	17.912	17.878	17.965	VV	7738	124527	1.49%	0.074%
245	18.007	17.965	18.022	VV	886	18443	0.22%	0.011%
246	18.060	18.022	18.112	VV	1437	43055	0.52%	0.026%
247	18.226	18.112	18.241	VV	318156	4898264	58.80%	2.924%
248	18.263	18.241	18.291	VV	328291	4260017	51.14%	2.543%
249	18.303	18.291	18.314	VV	1816	23244	0.28%	0.014%
250	18.338	18.314	18.414	VV	2254	73304	0.88%	0.044%
251	18.482	18.414	18.514	VV	280354	4022147	48.29%	2.401%
252	18.537	18.514	18.568	VV	1477	39713	0.48%	0.024%
253	18.657	18.568	18.706	VV	267136	3887740	46.67%	2.321%
254	18.756	18.706	18.838	VV	8651	245475	2.95%	0.147%
255	18.860	18.838	18.885	VV	1384	33841	0.41%	0.020%
256	18.895	18.885	18.905	VV	1225	13836	0.17%	0.008%
257	18.956	18.905	18.977	VV	3850	91800	1.10%	0.055%
258	19.014	18.977	19.038	VV	15233	329124	3.95%	0.197%
259	19.050	19.038	19.101	VV	10196	241903	2.90%	0.144%
260	19.152	19.101	19.176	VV	3784	141283	1.70%	0.084%
261	19.192	19.176	19.213	VV	2899	53760	0.65%	0.032%
262	19.260	19.213	19.286	VV	2689	101857	1.22%	0.061%
263	19.315	19.286	19.334	VV	2425	64838	0.78%	0.039%
264	19.352	19.334	19.385	VV	2575	62119	0.75%	0.037%
265	19.443	19.385	19.484	VV	274970	3941862	47.32%	2.353%
266	19.507	19.484	19.523	VV	4411	79283	0.95%	0.047%
267	19.549	19.523	19.583	VV	10291	198413	2.38%	0.118%
268	19.617	19.583	19.641	VV	2976	87871	1.05%	0.052%
269	19.661	19.641	19.684	VV	2633	62239	0.75%	0.037%
270	19.719	19.684	19.757	VV	3219	118435	1.42%	0.071%
271	19.804	19.757	19.830	VV	7324	232251	2.79%	0.139%
272	19.845	19.830	19.881	VV	6147	142662	1.71%	0.085%
273	19.923	19.881	19.946	VV	3650	131538	1.58%	0.079%
274	19.992	19.946	20.024	VV	5178	187074	2.25%	0.112%
275	20.064	20.024	20.098	VV	4866	191931	2.30%	0.115%
276	20.112	20.098	20.121	VV	3959	55550	0.67%	0.033%
277	20.184	20.121	20.245	VV	254544	3897940	46.80%	2.327%
278	20.342	20.245	20.368	VV	9234	426125	5.12%	0.254%
279	20.457	20.368	20.515	VV	7870	556409	6.68%	0.332%
280	20.541	20.515	20.571	VV	6047	181433	2.18%	0.108%
281	20.584	20.571	20.631	VV	5157	172929	2.08%	0.103%
282	20.650	20.631	20.661	VV	4679	83010	1.00%	0.050%
283	20.720	20.661	20.745	VV	5682	254355	3.05%	0.152%
284	20.791	20.745	20.805	VV	5713	199507	2.40%	0.119%
285	20.883	20.805	20.894	VV	7416	343411	4.12%	0.205%

rteres

286	20.949	20.894	21.084	VV	207095	4139185	49.69%	2.471%
287	21.097	21.084	21.126	VV	2945	73594	0.88%	0.044%
288	21.161	21.126	21.201	VV	2980	125306	1.50%	0.075%
289	21.267	21.201	21.348	VV	2966	223836	2.69%	0.134%
290	21.399	21.348	21.434	VV	2859	128859	1.55%	0.077%
291	21.471	21.434	21.614	VV	2768	213035	2.56%	0.127%
292	21.646	21.614	21.691	VV	1297	55208	0.66%	0.033%
293	21.700	21.691	21.711	VV	992	11198	0.13%	0.007%
294	21.767	21.711	21.812	VV	1230	60973	0.73%	0.036%
295	21.823	21.812	21.838	VV	650	9373	0.11%	0.006%
296	21.911	21.838	22.027	VV	140187	3570217	42.86%	2.132%
297	22.056	22.027	22.081	PV	166	2827	0.03%	0.002%

Sum of corrected areas: 167492253

Aliphatic EPH 080125.M Wed Aug 13 05:20:26 2025

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

Manual Integration Report

Sequence:	FC080125AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2740-01MS	FC069568.D	n-Dotriacontane (C32)	yogesh	8/4/2025 7:40:14 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MS	FC069568.D	n-Hexatriacontane (C36)	yogesh	8/4/2025 7:40:14 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MS	FC069568.D	n-Octatriacontane (C38)	yogesh	8/4/2025 7:40:14 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MS	FC069568.D	n-Tetracontane (C40)	yogesh	8/4/2025 7:40:14 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MSD	FC069569.D	n-Dotriacontane (C32)	yogesh	8/4/2025 7:40:12 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MSD	FC069569.D	n-Hexatriacontane (C36)	yogesh	8/4/2025 7:40:12 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MSD	FC069569.D	n-Octatriacontane (C38)	yogesh	8/4/2025 7:40:12 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software

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Manual Integration Report

Sequence:	FC081225AL	Instrument	FID_c

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

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Manual Integration Report

Sequence:	FE080125AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2741-01	FE055114.D	ortho-Terphenyl (SURR)	yogesh	8/4/2025 7:39:52 AM	mohammad	8/5/2025 1:59:38	Peak Integrated by Software
Q2741-02	FE055115.D	ortho-Terphenyl (SURR)	yogesh	8/4/2025 7:39:54 AM	mohammad	8/5/2025 1:59:38	Peak Integrated by Software
Q2734-01	FE055116.D	ortho-Terphenyl (SURR)	yogesh	8/4/2025 7:39:55 AM	mohammad	8/5/2025 1:59:38	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE055118.D	n-Tetracontane (C40)	yogesh	8/4/2025 7:39:57 AM	mohammad	8/5/2025 1:59:38	Peak Integrated by Software

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Manual Integration Report

Sequence:	FE081225AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2809-02DL	FE055246.D	ortho-Terphenyl (SURR)	yogesh	8/13/2025 7:38:04 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2757-07MS	FE055257.D	n-Dotriacontane (C32)	yogesh	8/13/2025 7:38:06 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2757-07MS	FE055257.D	n-Octatriacontane (C38)	yogesh	8/13/2025 7:38:06 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2757-07MS	FE055257.D	n-Tetratriacontane (C34)	yogesh	8/13/2025 7:38:06 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2757-07MS	FE055257.D	n-Tricontane (C30)	yogesh	8/13/2025 7:38:06 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2757-07MSD	FE055258.D	n-Octatriacontane (C38)	yogesh	8/13/2025 7:38:08 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2757-07MSD	FE055258.D	n-Tetratriacontane (C34)	yogesh	8/13/2025 7:38:08 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2757-07MSD	FE055258.D	n-Tricontane (C30)	yogesh	8/13/2025 7:38:08 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2818-01	FE055259.D	ortho-Terphenyl (SURR)	yogesh	8/13/2025 7:38:10 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2818-02	FE055260.D	1-chlorooctadecane (SURR)	yogesh	8/13/2025 7:38:12 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2818-02	FE055260.D	ortho-Terphenyl (SURR)	yogesh	8/13/2025 7:38:12 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2823-01	FE055261.D	1-chlorooctadecane (SURR)	yogesh	8/13/2025 7:38:14 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2823-01	FE055261.D	ortho-Terphenyl (SURR)	yogesh	8/13/2025 7:38:14 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software

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Manual Integration Report

Sequence:	FE081225AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2823-02	FE055262.D	ortho-Terphenyl (SURR)	yogesh	8/13/2025 7:38:15 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2827-01	FE055264.D	ortho-Terphenyl (SURR)	yogesh	8/13/2025 7:38:17 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2827-02	FE055265.D	ortho-Terphenyl (SURR)	yogesh	8/13/2025 7:38:20 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2827-05	FE055266.D	ortho-Terphenyl (SURR)	yogesh	8/13/2025 7:38:21 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2827-06	FE055269.D	1-chlorooctadecane (SURR)	yogesh	8/13/2025 7:38:22 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software
Q2827-06	FE055269.D	ortho-Terphenyl (SURR)	yogesh	8/13/2025 7:38:22 AM	mohammad	8/13/2025 9:40:33	Peak Integrated by Software

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Manual Integration Report

Sequence:	FE081325AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2818-01DL	FE055283.D	1-chlorooctadecane (SURR)	yogesh	8/14/2025 7:39:59 AM	mohammad	8/18/2025 1:43:37	Peak Integrated by Software
Q2818-02DL	FE055284.D	1-chlorooctadecane (SURR)	yogesh	8/14/2025 7:40:03 AM	mohammad	8/18/2025 1:43:37	Peak Integrated by Software
Q2827-01DL	FE055287.D	ortho-Terphenyl (SURR)	yogesh	8/14/2025 7:40:05 AM	mohammad	8/18/2025 1:43:37	Peak Integrated by Software
Q2827-05DL	FE055288.D	ortho-Terphenyl (SURR)	yogesh	8/14/2025 7:40:07 AM	mohammad	8/18/2025 1:43:37	Peak Integrated by Software
Q2827-06DL	FE055289.D	ortho-Terphenyl (SURR)	yogesh	8/14/2025 7:40:09 AM	mohammad	8/18/2025 1:43:37	Peak Integrated by Software
Q2827-06DL2	FE055290.D	1-chlorooctadecane (SURR)	yogesh	8/14/2025 7:40:11 AM	mohammad	8/18/2025 1:43:37	Peak Integrated by Software
Q2827-06DL2	FE055290.D	ortho-Terphenyl (SURR)	yogesh	8/14/2025 7:40:11 AM	mohammad	8/18/2025 1:43:37	Peak Integrated by Software

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC080125AL

Review By	yogesh	Review On	8/1/2025 10:37:24 AM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:30 AM		
SubDirectory	FC080125AL	HP Acquire Method		HP Processing Method	FC080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069556.D	01 Aug 2025 09:39	YP/AJ	Ok
2	I.BLK	FC069557.D	01 Aug 2025 10:20	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC069558.D	01 Aug 2025 11:01	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC069559.D	01 Aug 2025 11:43	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC069560.D	01 Aug 2025 12:24	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC069561.D	01 Aug 2025 13:06	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC069562.D	01 Aug 2025 13:47	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC069563.D	01 Aug 2025 14:28	YP/AJ	Ok
9	I.BLK	FC069564.D	01 Aug 2025 15:10	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC069565.D	01 Aug 2025 15:52	YP/AJ	Ok
11	Q2740-01	FC069566.D	01 Aug 2025 16:37	YP/AJ	Dilution
12	Q2740-01D	FC069567.D	01 Aug 2025 17:19	YP/AJ	Ok
13	Q2740-01MS	FC069568.D	01 Aug 2025 18:02	YP/AJ	Ok,M
14	Q2740-01MSD	FC069569.D	01 Aug 2025 18:44	YP/AJ	Ok,M
15	I.BLK	FC069570.D	01 Aug 2025 19:26	YP/AJ	Ok
16	20 PPM ALIPHATIC HC STD	FC069571.D	01 Aug 2025 20:09	YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC081225AL

Review By	yogesh	Review On	8/12/2025 10:15:09 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:39 AM		
SubDirectory	FC081225AL	HP Acquire Method		HP Processing Method	FC080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069632.D	12 Aug 2025 09:33	YP/AJ	Ok
2	I.BLK	FC069633.D	12 Aug 2025 10:17	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC069634.D	12 Aug 2025 11:03	YP/AJ	Ok
4	PB169209BL	FC069635.D	12 Aug 2025 11:48	YP/AJ	Ok
5	PB169209BS	FC069636.D	12 Aug 2025 12:34	YP/AJ	Ok
6	PB169209BSD	FC069637.D	12 Aug 2025 13:21	YP/AJ	Ok
7	Q2743-01	FC069638.D	12 Aug 2025 14:10	YP/AJ	Ok
8	Q2743-01D	FC069639.D	12 Aug 2025 15:01	YP/AJ	Ok
9	Q2743-01MS	FC069640.D	12 Aug 2025 15:46	YP/AJ	Ok
10	Q2743-01MSD	FC069641.D	12 Aug 2025 16:32	YP/AJ	Ok
11	I.BLK	FC069642.D	12 Aug 2025 18:04	YP/AJ	Ok
12	20 PPM ALIPHATIC HC STD	FC069643.D	12 Aug 2025 18:50	YP/AJ	Ok
13	PB169207BL	FC069644.D	12 Aug 2025 20:22	YP/AJ	Ok
14	PB169207BS	FC069645.D	12 Aug 2025 21:08	YP/AJ	Ok
15	PB169207BSD	FC069646.D	12 Aug 2025 21:53	YP/AJ	Ok
16	Q2830-03	FC069647.D	12 Aug 2025 22:41	YP/AJ	Ok
17	Q2830-03D	FC069648.D	12 Aug 2025 23:27	YP/AJ	Ok
18	Q2830-03MS	FC069649.D	13 Aug 2025 00:13	YP/AJ	Ok
19	Q2830-03MSD	FC069650.D	13 Aug 2025 01:50	YP/AJ	Ok
20	Q2830-04	FC069651.D	13 Aug 2025 02:34	YP/AJ	Ok
21	I.BLK	FC069652.D	13 Aug 2025 04:02	YP/AJ	Ok

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC081225AL

Review By	yogesh	Review On	8/12/2025 10:15:09 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:39 AM		
SubDirectory	FC081225AL	HP Acquire Method		HP Processing Method	FC080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	20 PPM ALIPHATIC HC STD	FC069653.D	13 Aug 2025 04:46	YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE080125AL

Review By	yogesh	Review On	8/1/2025 10:51:38 AM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:38 AM		
SubDirectory	FE080125AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE055100.D	01 Aug 2025 10:24	YP\AJ	Ok
2	I.BLK	FE055101.D	01 Aug 2025 10:54	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE055102.D	01 Aug 2025 11:24	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE055103.D	01 Aug 2025 11:54	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FE055104.D	01 Aug 2025 12:25	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE055105.D	01 Aug 2025 12:55	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE055106.D	01 Aug 2025 13:25	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FE055107.D	01 Aug 2025 13:55	YP\AJ	Ok
9	I.BLK	FE055108.D	01 Aug 2025 14:25	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE055109.D	01 Aug 2025 14:55	YP\AJ	Ok
11	PB169089BL	FE055110.D	01 Aug 2025 16:36	YP\AJ	Ok
12	PB169089BS	FE055111.D	01 Aug 2025 17:07	YP\AJ	Ok
13	PB169089BSD	FE055112.D	01 Aug 2025 17:37	YP\AJ	Ok
14	Q2740-02	FE055113.D	01 Aug 2025 18:07	YP\AJ	Ok
15	Q2741-01	FE055114.D	01 Aug 2025 18:37	YP\AJ	Ok,M
16	Q2741-02	FE055115.D	01 Aug 2025 19:07	YP\AJ	Ok,M
17	Q2734-01	FE055116.D	01 Aug 2025 19:38	YP\AJ	Dilution
18	I.BLK	FE055117.D	01 Aug 2025 20:08	YP\AJ	Ok
19	20 PPM ALIPHATIC HC STD	FE055118.D	01 Aug 2025 20:38	YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE081225AL

Review By	yogesh	Review On	8/12/2025 8:20:42 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:33 AM		
SubDirectory	FE081225AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE055241.D	12 Aug 2025 06:29	YP\AJ	Ok
2	I.BLK	FE055242.D	12 Aug 2025 06:59	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE055243.D	12 Aug 2025 07:29	YP\AJ	Ok
4	Q2808-01DL	FE055244.D	12 Aug 2025 08:00	YP\AJ	Ok
5	Q2809-01DL	FE055245.D	12 Aug 2025 08:30	YP\AJ	Ok
6	Q2809-02DL	FE055246.D	12 Aug 2025 09:00	YP\AJ	Ok,M
7	PB169208BL	FE055247.D	12 Aug 2025 09:50	YP\AJ	Ok
8	PB169208BS	FE055248.D	12 Aug 2025 10:20	YP\AJ	Ok
9	PB169208BSD	FE055249.D	12 Aug 2025 10:51	YP\AJ	Ok
10	Q2757-03	FE055250.D	12 Aug 2025 11:21	YP\AJ	Ok
11	Q2757-04	FE055251.D	12 Aug 2025 11:52	YP\AJ	Ok
12	Q2757-05	FE055252.D	12 Aug 2025 12:22	YP\AJ	Dilution
13	I.BLK	FE055253.D	12 Aug 2025 13:23	YP\AJ	Ok
14	20 PPM ALIPHATIC HC STD	FE055254.D	12 Aug 2025 13:54	YP\AJ	Ok
15	Q2757-06	FE055255.D	12 Aug 2025 14:25	YP\AJ	Ok
16	Q2757-07	FE055256.D	12 Aug 2025 14:55	YP\AJ	Ok
17	Q2757-07MS	FE055257.D	12 Aug 2025 15:26	YP\AJ	Ok,M
18	Q2757-07MSD	FE055258.D	12 Aug 2025 15:56	YP\AJ	Ok,M
19	Q2818-01	FE055259.D	12 Aug 2025 16:27	YP\AJ	Dilution
20	Q2818-02	FE055260.D	12 Aug 2025 16:57	YP\AJ	Dilution
21	Q2823-01	FE055261.D	12 Aug 2025 17:28	YP\AJ	Dilution

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE081225AL

Review By	yogesh	Review On	8/12/2025 8:20:42 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:33 AM		
SubDirectory	FE081225AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2823-02	FE055262.D	12 Aug 2025 17:58	YP\AJ	Dilution
23	Q2826-01	FE055263.D	12 Aug 2025 18:29	YP\AJ	Ok
24	Q2827-01	FE055264.D	12 Aug 2025 18:59	YP\AJ	Dilution
25	Q2827-02	FE055265.D	12 Aug 2025 19:30	YP\AJ	Ok,M
26	Q2827-05	FE055266.D	12 Aug 2025 20:00	YP\AJ	Dilution
27	I.BLK	FE055267.D	12 Aug 2025 21:01	YP\AJ	Ok
28	20 PPM ALIPHATIC HC STD	FE055268.D	12 Aug 2025 21:32	YP\AJ	Ok
29	Q2827-06	FE055269.D	12 Aug 2025 22:33	YP\AJ	Dilution
30	Q2830-01	FE055270.D	12 Aug 2025 23:04	YP\AJ	Ok
31	Q2830-02	FE055271.D	12 Aug 2025 23:34	YP\AJ	Ok
32	Q2830-05	FE055272.D	13 Aug 2025 00:05	YP\AJ	Ok
33	Q2830-06	FE055273.D	13 Aug 2025 00:35	YP\AJ	Ok
34	Q2830-07	FE055274.D	13 Aug 2025 01:05	YP\AJ	Ok
35	Q2830-08	FE055275.D	13 Aug 2025 01:36	YP\AJ	Ok
36	Q2831-01	FE055276.D	13 Aug 2025 02:06	YP\AJ	Ok
37	I.BLK	FE055277.D	13 Aug 2025 03:07	YP\AJ	Ok
38	20 PPM ALIPHATIC HC STD	FE055278.D	13 Aug 2025 04:08	YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE081325AL

Review By	yogesh	Review On	8/13/2025 9:53:14 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:43:37 AM		
SubDirectory	FE081325AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE055279.D	13 Aug 2025 07:16	YP\AJ	Ok
2	I.BLK	FE055280.D	13 Aug 2025 07:46	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE055281.D	13 Aug 2025 08:17	YP\AJ	Ok
4	Q2757-05DL	FE055282.D	13 Aug 2025 08:47	YP\AJ	Ok
5	Q2818-01DL	FE055283.D	13 Aug 2025 09:17	YP\AJ	Ok,M
6	Q2818-02DL	FE055284.D	13 Aug 2025 09:48	YP\AJ	Ok,M
7	Q2823-01DL	FE055285.D	13 Aug 2025 10:18	YP\AJ	Ok
8	Q2823-02DL	FE055286.D	13 Aug 2025 10:49	YP\AJ	Ok
9	Q2827-01DL	FE055287.D	13 Aug 2025 11:20	YP\AJ	Ok,M
10	Q2827-05DL	FE055288.D	13 Aug 2025 11:50	YP\AJ	Ok,M
11	Q2827-06DL	FE055289.D	13 Aug 2025 12:21	YP\AJ	Not Ok
12	Q2827-06DL2	FE055290.D	13 Aug 2025 12:52	YP\AJ	Not Ok
13	I.BLK	FE055291.D	13 Aug 2025 13:52	YP\AJ	Ok
14	20 PPM ALIPHATIC HC STD	FE055292.D	13 Aug 2025 14:23	YP\AJ	Ok
15	Q2827-06DL	FE055293.D	13 Aug 2025 15:02	YP\AJ	Dilution
16	Q2827-06DL2	FE055294.D	13 Aug 2025 15:32	YP\AJ	Ok
17	I.BLK	FE055295.D	13 Aug 2025 16:33	YP\AJ	Ok
18	20 PPM ALIPHATIC HC STD	FE055296.D	13 Aug 2025 17:04	YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC080125AL

Review By	yogesh	Review On	8/1/2025 10:37:24 AM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:30 AM		
SubDirectory	FC080125AL	HP Acquire Method		HP Processing Method	FC080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069556.D	01 Aug 2025 09:39		YP/AJ	Ok
2	I.BLK	I.BLK	FC069557.D	01 Aug 2025 10:20		YP/AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FC069558.D	01 Aug 2025 11:01		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC069559.D	01 Aug 2025 11:43		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069560.D	01 Aug 2025 12:24		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC069561.D	01 Aug 2025 13:06		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC069562.D	01 Aug 2025 13:47		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069563.D	01 Aug 2025 14:28		YP/AJ	Ok
9	I.BLK	I.BLK	FC069564.D	01 Aug 2025 15:10		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069565.D	01 Aug 2025 15:52		YP/AJ	Ok
11	Q2740-01	OR-02-07312025	FC069566.D	01 Aug 2025 16:37	Need 2X	YP/AJ	Dilution
12	Q2740-01D	Q2740-01D	FC069567.D	01 Aug 2025 17:19		YP/AJ	Ok
13	Q2740-01MS	OR-02-07312025MS	FC069568.D	01 Aug 2025 18:02	FC069566.D	YP/AJ	Ok,M
14	Q2740-01MSD	OR-02-07312025MSD	FC069569.D	01 Aug 2025 18:44	FC069566.D!FC069568.D	YP/AJ	Ok,M
15	I.BLK	I.BLK	FC069570.D	01 Aug 2025 19:26		YP/AJ	Ok
16	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069571.D	01 Aug 2025 20:09		YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC081225AL

Review By	yogesh	Review On	8/12/2025 10:15:09 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:39 AM		
SubDirectory	FC081225AL	HP Acquire Method		HP Processing Method	FC080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069632.D	12 Aug 2025 09:33		YP/AJ	Ok
2	I.BLK	I.BLK	FC069633.D	12 Aug 2025 10:17		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069634.D	12 Aug 2025 11:03		YP/AJ	Ok
4	PB169209BL	PB169209BL	FC069635.D	12 Aug 2025 11:48		YP/AJ	Ok
5	PB169209BS	PB169209BS	FC069636.D	12 Aug 2025 12:34	naphthalene break down - 0.356, 2-methylnephthalene break down - 0.156	YP/AJ	Ok
6	PB169209BSD	PB169209BSD	FC069637.D	12 Aug 2025 13:21	naphthalene break down - 0.399, 2-methylnephthalene break down - 0.209	YP/AJ	Ok
7	Q2743-01	WC1	FC069638.D	12 Aug 2025 14:10		YP/AJ	Ok
8	Q2743-01D	Q2743-01D	FC069639.D	12 Aug 2025 15:01		YP/AJ	Ok
9	Q2743-01MS	WC1MS	FC069640.D	12 Aug 2025 15:46	FC069638.D	YP/AJ	Ok
10	Q2743-01MSD	WC1MSD	FC069641.D	12 Aug 2025 16:32	FC069638.D!FC069640.D	YP/AJ	Ok
11	I.BLK	I.BLK	FC069642.D	12 Aug 2025 18:04		YP/AJ	Ok
12	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069643.D	12 Aug 2025 18:50		YP/AJ	Ok
13	PB169207BL	PB169207BL	FC069644.D	12 Aug 2025 20:22		YP/AJ	Ok
14	PB169207BS	PB169207BS	FC069645.D	12 Aug 2025 21:08		YP/AJ	Ok
15	PB169207BSD	PB169207BSD	FC069646.D	12 Aug 2025 21:53		YP/AJ	Ok
16	Q2830-03	BIN0009-DRIVEWAY-T	FC069647.D	12 Aug 2025 22:41		YP/AJ	Ok

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC081225AL

Review By	yogesh	Review On	8/12/2025 10:15:09 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:39 AM		
SubDirectory	FC081225AL	HP Acquire Method		HP Processing Method	FC080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

17	Q2830-03D	Q2830-03D	FC069648.D	12 Aug 2025 23:27		YP/AJ	Ok
18	Q2830-03MS	BIN0009-DRIVEWAY-T	FC069649.D	13 Aug 2025 00:13	FC069647.D	YP/AJ	Ok
19	Q2830-03MSD	BIN0009-DRIVEWAY-T	FC069650.D	13 Aug 2025 01:50	FC069647.D!FC069649.D	YP/AJ	Ok
20	Q2830-04	BIN0009-DRIVEWAY-T	FC069651.D	13 Aug 2025 02:34		YP/AJ	Ok
21	I.BLK	I.BLK	FC069652.D	13 Aug 2025 04:02		YP/AJ	Ok
22	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069653.D	13 Aug 2025 04:46		YP/AJ	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE080125AL

Review By	yogesh	Review On	8/1/2025 10:51:38 AM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:38 AM		
SubDirectory	FE080125AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE055100.D	01 Aug 2025 10:24		YP\AJ	Ok
2	I.BLK	I.BLK	FE055101.D	01 Aug 2025 10:54		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FE055102.D	01 Aug 2025 11:24		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE055103.D	01 Aug 2025 11:54		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055104.D	01 Aug 2025 12:25		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE055105.D	01 Aug 2025 12:55		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE055106.D	01 Aug 2025 13:25		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055107.D	01 Aug 2025 13:55		YP\AJ	Ok
9	I.BLK	I.BLK	FE055108.D	01 Aug 2025 14:25		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055109.D	01 Aug 2025 14:55		YP\AJ	Ok
11	PB169089BL	PB169089BL	FE055110.D	01 Aug 2025 16:36		YP\AJ	Ok
12	PB169089BS	PB169089BS	FE055111.D	01 Aug 2025 17:07		YP\AJ	Ok
13	PB169089BSD	PB169089BSD	FE055112.D	01 Aug 2025 17:37		YP\AJ	Ok
14	Q2740-02	OR-02-07312025-E2	FE055113.D	01 Aug 2025 18:07		YP\AJ	Ok
15	Q2741-01	TR-05-07312025	FE055114.D	01 Aug 2025 18:37		YP\AJ	Ok,M
16	Q2741-02	TR-05-07312025-E2	FE055115.D	01 Aug 2025 19:07		YP\AJ	Ok,M
17	Q2734-01	VNJ-253	FE055116.D	01 Aug 2025 19:38	Need 2X	YP\AJ	Dilution
18	I.BLK	I.BLK	FE055117.D	01 Aug 2025 20:08		YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE080125AL

Review By	yogesh	Review On	8/1/2025 10:51:38 AM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:38 AM		
SubDirectory	FE080125AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055118.D	01 Aug 2025 20:38		YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE081225AL

Review By	yogesh	Review On	8/12/2025 8:20:42 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:33 AM		
SubDirectory	FE081225AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE055241.D	12 Aug 2025 06:29		YP\AJ	Ok
2	I.BLK	I.BLK	FE055242.D	12 Aug 2025 06:59		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055243.D	12 Aug 2025 07:29		YP\AJ	Ok
4	Q2808-01DL	TP-7DL	FE055244.D	12 Aug 2025 08:00		YP\AJ	Ok
5	Q2809-01DL	OR-03-08082025DL	FE055245.D	12 Aug 2025 08:30		YP\AJ	Ok
6	Q2809-02DL	OR-03-08082025-E2DL	FE055246.D	12 Aug 2025 09:00		YP\AJ	Ok,M
7	PB169208BL	PB169208BL	FE055247.D	12 Aug 2025 09:50		YP\AJ	Ok
8	PB169208BS	PB169208BS	FE055248.D	12 Aug 2025 10:20		YP\AJ	Ok
9	PB169208BSD	PB169208BSD	FE055249.D	12 Aug 2025 10:51		YP\AJ	Ok
10	Q2757-03	1	FE055250.D	12 Aug 2025 11:21		YP\AJ	Ok
11	Q2757-04	2	FE055251.D	12 Aug 2025 11:52		YP\AJ	Ok
12	Q2757-05	3	FE055252.D	12 Aug 2025 12:22	Need 2X	YP\AJ	Dilution
13	I.BLK	I.BLK	FE055253.D	12 Aug 2025 13:23		YP\AJ	Ok
14	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055254.D	12 Aug 2025 13:54		YP\AJ	Ok
15	Q2757-06	4	FE055255.D	12 Aug 2025 14:25		YP\AJ	Ok
16	Q2757-07	5	FE055256.D	12 Aug 2025 14:55		YP\AJ	Ok
17	Q2757-07MS	5MS	FE055257.D	12 Aug 2025 15:26	FE055256.D	YP\AJ	Ok,M
18	Q2757-07MSD	5MSD	FE055258.D	12 Aug 2025 15:56	FE055256.D!FE055257.D	YP\AJ	Ok,M

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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE081225AL

Review By	yogesh	Review On	8/12/2025 8:20:42 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:33 AM		
SubDirectory	FE081225AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2818-01	B-2-5-1	FE055259.D	12 Aug 2025 16:27	Need 10X	YP\AJ	Dilution
20	Q2818-02	B-3-5-2	FE055260.D	12 Aug 2025 16:57	Need 5X	YP\AJ	Dilution
21	Q2823-01	SU-04-081125	FE055261.D	12 Aug 2025 17:28	Need 5X	YP\AJ	Dilution
22	Q2823-02	SU-04-081125-E2	FE055262.D	12 Aug 2025 17:58	Need 2X	YP\AJ	Dilution
23	Q2826-01	WC1	FE055263.D	12 Aug 2025 18:29		YP\AJ	Ok
24	Q2827-01	TP-8	FE055264.D	12 Aug 2025 18:59	Need 2X	YP\AJ	Dilution
25	Q2827-02	TP-8-EPH	FE055265.D	12 Aug 2025 19:30		YP\AJ	Ok,M
26	Q2827-05	TP-9	FE055266.D	12 Aug 2025 20:00	Need 20X	YP\AJ	Dilution
27	I.BLK	I.BLK	FE055267.D	12 Aug 2025 21:01		YP\AJ	Ok
28	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055268.D	12 Aug 2025 21:32		YP\AJ	Ok
29	Q2827-06	TP-9-EPH	FE055269.D	12 Aug 2025 22:33	Need 5X,100X	YP\AJ	Dilution
30	Q2830-01	BIN0009-DRIVEWAY-T	FE055270.D	12 Aug 2025 23:04		YP\AJ	Ok
31	Q2830-02	BIN0009-DRIVEWAY-T	FE055271.D	12 Aug 2025 23:34		YP\AJ	Ok
32	Q2830-05	BIN0009-DRIVEWAY-T	FE055272.D	13 Aug 2025 00:05		YP\AJ	Ok
33	Q2830-06	BIN0009-DRIVEWAY-T	FE055273.D	13 Aug 2025 00:35		YP\AJ	Ok
34	Q2830-07	BIN0009-DRIVEWAY-T	FE055274.D	13 Aug 2025 01:05		YP\AJ	Ok
35	Q2830-08	BIN0009-DRIVEWAY-T	FE055275.D	13 Aug 2025 01:36		YP\AJ	Ok
36	Q2831-01	VNJ-238	FE055276.D	13 Aug 2025 02:06		YP\AJ	Ok
37	I.BLK	I.BLK	FE055277.D	13 Aug 2025 03:07		YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE081225AL

Review By	yogesh	Review On	8/12/2025 8:20:42 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:33 AM		
SubDirectory	FE081225AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055278.D	13 Aug 2025 04:08		YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE081325AL

Review By	yogesh	Review On	8/13/2025 9:53:14 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:43:37 AM		
SubDirectory	FE081325AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE055279.D	13 Aug 2025 07:16		YP\AJ	Ok
2	I.BLK	I.BLK	FE055280.D	13 Aug 2025 07:46		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055281.D	13 Aug 2025 08:17		YP\AJ	Ok
4	Q2757-05DL	3DL	FE055282.D	13 Aug 2025 08:47		YP\AJ	Ok
5	Q2818-01DL	B-2-5-1DL	FE055283.D	13 Aug 2025 09:17		YP\AJ	Ok,M
6	Q2818-02DL	B-3-5-2DL	FE055284.D	13 Aug 2025 09:48		YP\AJ	Ok,M
7	Q2823-01DL	SU-04-081125DL	FE055285.D	13 Aug 2025 10:18		YP\AJ	Ok
8	Q2823-02DL	SU-04-081125-E2DL	FE055286.D	13 Aug 2025 10:49		YP\AJ	Ok
9	Q2827-01DL	TP-8DL	FE055287.D	13 Aug 2025 11:20		YP\AJ	Ok,M
10	Q2827-05DL	TP-9DL	FE055288.D	13 Aug 2025 11:50		YP\AJ	Ok,M
11	Q2827-06DL	TP-9-EPHDL	FE055289.D	13 Aug 2025 12:21	Not Used	YP\AJ	Not Ok
12	Q2827-06DL2	TP-9-EPHDL2	FE055290.D	13 Aug 2025 12:52	Not Used	YP\AJ	Not Ok
13	I.BLK	I.BLK	FE055291.D	13 Aug 2025 13:52		YP\AJ	Ok
14	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055292.D	13 Aug 2025 14:23		YP\AJ	Ok
15	Q2827-06DL	TP-9-EPHDL	FE055293.D	13 Aug 2025 15:02	Need further diluton	YP\AJ	Dilution
16	Q2827-06DL2	TP-9-EPHDL2	FE055294.D	13 Aug 2025 15:32		YP\AJ	Ok
17	I.BLK	I.BLK	FE055295.D	13 Aug 2025 16:33		YP\AJ	Ok
18	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE055296.D	13 Aug 2025 17:04		YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE081325AL

Review By	yogesh	Review On	8/13/2025 9:53:14 AM		
Supervise By	mohammad	Supervise On	8/18/2025 1:43:37 AM		
SubDirectory	FE081325AL	HP Acquire Method		HP Processing Method	FE080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169207

SOP ID: MNJDEP-EPH-8

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: RJ

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 08/12/2025

Extraction Start Time : 08:45

Extraction End Date : 08/12/2025

Extraction End Time : 13:00

Concentration By: RS

Supervisor By : RUPESH

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24767
Surrogate	1.0ML	100 PPM	PP24652
Fractionation Surrogate	1.0ML	100 PPM	PP24765
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	EP2626
Baked Na2SO4	N/A	EP2632
Sand	N/A	E3951
Hexane	N/A	E3962
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

KD Bath Temperature: N/A

Envap ID: NEVIDAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/12/25	RS (Ex-Lab)	T.P. peg HPOB
13:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169207

Analytical Method: MNJDEP-EPH-8

Concentration Date: 08/12/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169207BL	PB169207BL	EPH_NF	30.02	N/A	ritesh	RUPESH	2			U1-1
PB169207BS	PB169207BS	EPH_NF	30.01	N/A	ritesh	RUPESH	2			2
PB169207BSD	PB169207BSD	EPH_NF	30.02	N/A	ritesh	RUPESH	2			3
Q2818-01	B-2-5-1	EPH_NF	30.06	N/A	ritesh	RUPESH	2	B		4
Q2818-02	B-3-5-2	EPH_NF	30.04	N/A	ritesh	RUPESH	2	B		5
Q2823-01	SU-04-081125	EPH_NF	30.10	N/A	ritesh	RUPESH	2	E		6
Q2823-02	SU-04-081125-E2	EPH_NF	30.08	N/A	ritesh	RUPESH	2			U2-1
Q2826-01	WC1	EPH_NF	30.06	N/A	ritesh	RUPESH	2			2
Q2827-01	TP-8	EPH_NF	30.09	N/A	ritesh	RUPESH	2	E		3
Q2827-02	TP-8-EPH	EPH_NF	30.07	N/A	ritesh	RUPESH	2			4
Q2827-05	TP-9	EPH_NF	30.03	N/A	ritesh	RUPESH	2	E	Gasoline Smell	5
Q2827-06	TP-9-EPH	EPH_NF	30.06	N/A	ritesh	RUPESH	2		Gasoline Smell	6
Q2830-01	BIN0009-DRIVEWAY-TP-SOUTH-EAST	EPH_NF	30.09	N/A	ritesh	RUPESH	2	E		U3-1
Q2830-02	BIN0009-DRIVEWAY-TP-SOUTH-EAST	EPH_NF	30.05	N/A	ritesh	RUPESH	2			2
Q2830-03	BIN0009-DRIVEWAY-TP-WEST	EPH_NF	30.02	N/A	ritesh	RUPESH	2	E		3
Q2830-03DUP	BIN0009-DRIVEWAY-TP-WESTDUP	EPH_NF	30.01	N/A	ritesh	RUPESH	2	E		4
Q2830-03MS	BIN0009-DRIVEWAY-TP-WESTMS	EPH_NF	30.06	N/A	ritesh	RUPESH	2	E		5
Q2830-03MSD	BIN0009-DRIVEWAY-TP-WESTMSD	EPH_NF	30.08	N/A	ritesh	RUPESH	2	E		6
Q2830-04	BIN0009-DRIVEWAY-TP-WEST	EPH_NF	30.07	N/A	ritesh	RUPESH	2			U6-1
Q2830-05	BIN0009-DRIVEWAY-TP-WESTSIDE	EPH_NF	30.04	N/A	ritesh	RUPESH	2	E		2
Q2830-06	BIN0009-DRIVEWAY-TP-WESTSIDE	EPH_NF	30.09	N/A	ritesh	RUPESH	2			3
Q2830-07	BIN0009-DRIVEWAY-TP-EASTSIDE	EPH_NF	30.06	N/A	ritesh	RUPESH	2	E		4
Q2830-08	BIN0009-DRIVEWAY-TP-EASTSIDE	EPH_NF	30.02	N/A	ritesh	RUPESH	2			5
Q2831-01	VNJ-238	EPH_NF	30.07	N/A	ritesh	RUPESH	2	B		6

RS 8/12

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

16920 8:45

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2823 **WorkList ID :** 191215 **Department :** Extraction **Date :** 08-12-2025 08:30:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2818-01	B-2-5-1	Solid	EPH_NF	Cool 4 deg C	EARTH03	J21	08/11/2025	NJEPH
Q2818-02	B-3-5-2	Solid	EPH_NF	Cool 4 deg C	EARTH03	J21	08/11/2025	NJEPH
Q2823-01	SU-04-081125	Solid	EPH_NF	Cool 4 deg C	PSEG05	D31	08/11/2025	NJEPH
Q2823-02	SU-04-081125-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	D31	08/11/2025	NJEPH
Q2826-01	WC1	Solid	EPH_NF	Cool 4 deg C	GENV01	D31	08/11/2025	NJEPH
Q2827-01	TP-8	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2827-02	TP-8-EPH	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2827-05	TP-9	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2827-06	TP-9-EPH	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2830-01	BIN0009-DRIVEWAY-TP-SOUT	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2830-02	BIN0009-DRIVEWAY-TP-SOUT	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2830-03	BIN0009-DRIVEWAY-TP-WEST	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2830-04	BIN0009-DRIVEWAY-TP-WEST	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2830-05	BIN0009-DRIVEWAY-TP-WEST	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2830-06	BIN0009-DRIVEWAY-TP-WEST	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2830-07	BIN0009-DRIVEWAY-TP-EAST	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2830-08	BIN0009-DRIVEWAY-TP-EAST	Solid	EPH_NF	Cool 4 deg C	PSEG03	D31	08/11/2025	NJEPH
Q2831-01	VNJ-238	Solid	EPH_NF	Cool 4 deg C	PSEG03	D21	08/11/2025	NJEPH

Date/Time 08/12/25 8:40
Raw Sample Received by: RJ LEAL-(ACB)
Raw Sample Relinquished by:

Date/Time 08/12/25 9:10
Raw Sample Received by:
Raw Sample Relinquished by: RJ LEAL-(ACB)

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LAB CHRONICLE

OrderID:	Q2818	**OrderDate:**	8/11/2025 11:57:00 AM
Client:	Earth Engineering Inc.	**Project:**	Reserve Turgyan Farms
Contact:	Frank Dougherty, LSRP	**Location:**	J21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2818-01	**B-2-5-1**	**SOIL**			**08/11/25**			**08/11/25**
			PCB	8082A		08/12/25	08/12/25	
			EPH_NF	NJEPH		08/12/25	08/12/25	
Q2818-01DL	**B-2-5-1DL**	**Solid**			**08/11/25**			**08/11/25**
			EPH_NF	NJEPH		08/12/25	08/13/25	
Q2818-02	**B-3-5-2**	**SOIL**			**08/11/25**			**08/11/25**
			PCB	8082A		08/12/25	08/12/25	
			EPH_NF	NJEPH		08/12/25	08/12/25	
Q2818-02DL	**B-3-5-2DL**	**Solid**			**08/11/25**			**08/11/25**
			EPH_NF	NJEPH		08/12/25	08/13/25	