SAMPLE DATA

Raw Data: **FE053074.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:	03/27/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	P1		SDG No.:	Q1675	
Lab Sample ID:	Q1675-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.8	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 09:40	03/31/25 16:32	PB167382

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	20.8		1	0.95	4.17	mg/kg	FE053074.D
Total EPH	Total EPH	20.8			0.95	4.17	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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: **FE053074.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:	03/27/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	P1		SDG No.:	Q1675	
Lab Sample ID:	Q1675-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.8	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053074.D	1	03/31/25	03/31/25	PB167382

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28		Aliphatic C9-C28	20.8		0.95	4.17	mg/kg
Aliphatic C28-C40		Aliphatic C28-C40	2.00	J	1.23	2.09	mg/kg
SURROGATES							
3383-33-2		1-chlorooctadecane (SURR)	40.3		40 - 140	81%	SPK: 50
84-15-1		ortho-Terphenyl (SURR)	40.4		40 - 140	81%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-01	Acq On:	31 Mar 2025 16:32
Client Sample ID:	P1	Operator:	YP\AJ
Data file:	FE053074.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.784	3426396	21.96	300	ug/ml
Aliphatic C12-C16	6.785	10.235	19238530	125.225	200	ug/ml
Aliphatic C16-C21	10.236	13.612	17244170	119.471	300	ug/ml
Aliphatic C21-C28	13.613	17.286	4389365	32.672	400	ug/ml
Aliphatic C28-C40	17.287	22.206	3574756	28.769	600	ug/ml
Aliphatic EPH	3.141	22.206	47873217	328.097		ug/ml
ortho-Terphenyl (SURR)	11.900	11.900	6575088	40.37		ug/ml
1-chlorooctadecane (SURR)	13.344	13.344	4834527	40.27		ug/ml
Aliphatic C9-C28	3.141	17.286	44298461	299.328	1200	ug/ml

Raw Data: **FE053075.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	03/27/25
Project:	Stockton			Date Received:	03/28/25
Client Sample ID:	P2			SDG No.:	Q1675
Lab Sample ID:	Q1675-02			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	96.5
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 09:40	03/31/25 17:02	PB167382

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	1.56	J	1	0.94	4.13	mg/kg	FE053075.D
Total EPH	Total EPH	1.56	J		0.94	4.13	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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: **FE053075.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	03/27/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	P2		SDG No.:	Q1675	
Lab Sample ID:	Q1675-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	96.5	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053075.D	1	03/31/25	03/31/25	PB167382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	1.56	J	0.94	4.13	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.51	J	1.22	2.07	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.3		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.5		40 - 140	77%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-02	Acq On:	31 Mar 2025 17:02
Client Sample ID:	P2	Operator:	YP\AJ
Data file:	FE053075.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.784	646336	4.142	300	ug/ml
Aliphatic C12-C16	6.785	10.235	758192	4.935	200	ug/ml
Aliphatic C16-C21	10.236	13.612	698957	4.843	300	ug/ml
Aliphatic C21-C28	13.613	17.286	1180740	8.789	400	ug/ml
Aliphatic C28-C40	17.287	22.206	2717666	21.871	600	ug/ml
Aliphatic EPH	3.141	22.206	6001891	44.58		ug/ml
ortho-Terphenyl (SURR)	11.900	11.900	6274385	38.52		ug/ml
1-chlorooctadecane (SURR)	13.344	13.344	4598873	38.31		ug/ml
Aliphatic C9-C28	3.141	17.286	3284225	22.709	1200	ug/ml

Raw Data: **FE053078.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	03/27/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	P3		SDG No.:	Q1675	
Lab Sample ID:	Q1675-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.3	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 09:40	03/31/25 18:33	PB167382

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	10.3		1	0.95	4.20	mg/kg	FE053078.D
Total EPH	Total EPH	10.3			0.95	4.20	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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: **FE053078.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	03/27/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	P3		SDG No.:	Q1675	
Lab Sample ID:	Q1675-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.3	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053078.D	1	03/31/25	03/31/25	PB167382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	10.3		0.95	4.20	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.62		1.24	2.09	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.5		40 - 140	65%	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:	Q1675-03	Acq On:	31 Mar 2025 18:33
Client Sample ID:	P3	Operator:	YP\AJ
Data file:	FE053078.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.784	584412	3.745	300	ug/ml
Aliphatic C12-C16	6.785	10.235	3217014	20.94	200	ug/ml
Aliphatic C16-C21	10.236	13.612	12511720	86.684	300	ug/ml
Aliphatic C21-C28	13.613	17.286	4815452	35.843	400	ug/ml
Aliphatic C28-C40	17.287	22.206	6436427	51.799	600	ug/ml
Aliphatic EPH	3.141	22.206	27565025	199.012		ug/ml
ortho-Terphenyl (SURR)	11.899	11.899	5349469	32.84		ug/ml
1-chlorooctadecane (SURR)	13.343	13.343	3896718	32.46		ug/ml
Aliphatic C9-C28	3.141	17.286	21128598	147.212	1200	ug/ml

Raw Data: **FE053079.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:	03/27/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	P5		SDG No.:	Q1675	
Lab Sample ID:	Q1675-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.1	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 09:40	04/01/25 8:15	PB167382

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	595		20	19.8	86.8	mg/kg	FE053090.D
Total EPH	Total EPH	595			19.8	86.8	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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: **FE053079.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:	03/27/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	P5		SDG No.:	Q1675	
Lab Sample ID:	Q1675-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.1	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053079.D	1	03/31/25	03/31/25	PB167382

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		532	E	0.99	4.35	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		6.85		1.28	2.17	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		38.8		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		46.1		40 - 140	92%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-05	Acq On:	31 Mar 2025 19:03
Client Sample ID:	P5	Operator:	YP\AJ
Data file:	FE053079.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.784	1242421	7.963	300	ug/ml
Aliphatic C12-C16	6.785	10.235	123262461	802.326	200	ug/ml
Aliphatic C16-C21	10.236	13.612	666546595	4620	300	ug/ml
Aliphatic C21-C28	13.613	17.286	258350689	1920	400	ug/ml
Aliphatic C28-C40	17.287	22.206	11772459	94.743	600	ug/ml
Aliphatic EPH	3.141	22.206	1061174625	7450		ug/ml
ortho-Terphenyl (SURR)	11.908	11.908	7508457	46.1		ug/ml
1-chlorooctadecane (SURR)	13.354	13.354	4659846	38.82		ug/ml
Aliphatic C9-C28	3.141	17.286	1049402166	7350	1200	ug/ml

Raw Data: **FE053090.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	03/27/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	P5DL		SDG No.:	Q1675	
Lab Sample ID:	Q1675-05DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.1	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053090.D	20	03/31/25	04/01/25	PB167382

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		595		19.8	86.8	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		35.1	J	25.6	43.4	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		2.09		40 - 140	84%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		2.41		40 - 140	96%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-05DL	Acq On:	01 Apr 2025 08:15
Client Sample ID:	P5DL	Operator:	YP\AJ
Data file:	FE053090.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.782	352168	2.257	300	ug/ml
Aliphatic C12-C16	6.783	10.232	6796519	44.239	200	ug/ml
Aliphatic C16-C21	10.233	13.609	40357838	279.608	300	ug/ml
Aliphatic C21-C28	13.610	17.278	11838791	88.121	400	ug/ml
Aliphatic C28-C40	17.279	22.189	3014687	24.262	600	ug/ml
Aliphatic EPH	3.141	22.189	62360003	438.487		ug/ml
ortho-Terphenyl (SURR)	11.894	11.894	393234	2.41		ug/ml
1-chlorooctadecane (SURR)	13.339	13.339	251156	2.09		ug/ml
Aliphatic C9-C28	3.141	17.278	59345316	414.225	1200	ug/ml

Raw Data: **FE053080.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:	03/27/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	P6		SDG No.:	Q1675	
Lab Sample ID:	Q1675-06		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 09:40	03/31/25 19:34	PB167382

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	12.9		1	0.96	4.20	mg/kg	FE053080.D
Total EPH	Total EPH	12.9			0.96	4.20	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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: **FE053080.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	03/27/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	P6		SDG No.:	Q1675	
Lab Sample ID:	Q1675-06		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053080.D	1	03/31/25	03/31/25	PB167382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	12.9		0.96	4.20	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.12		1.24	2.10	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.3		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.3		40 - 140	65%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-06	Acq On:	31 Mar 2025 19:34
Client Sample ID:	P6	Operator:	YP\AJ
Data file:	FE053080.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.784	770262	4.937	300	ug/ml
Aliphatic C12-C16	6.785	10.235	3991495	25.981	200	ug/ml
Aliphatic C16-C21	10.236	13.612	17114426	118.573	300	ug/ml
Aliphatic C21-C28	13.613	17.286	4645224	34.576	400	ug/ml
Aliphatic C28-C40	17.287	22.206	7301744	58.763	600	ug/ml
Aliphatic EPH	3.141	22.206	33823151	242.83		ug/ml
ortho-Terphenyl (SURR)	11.900	11.900	5260824	32.3		ug/ml
1-chlorooctadecane (SURR)	13.344	13.344	3873486	32.27		ug/ml
Aliphatic C9-C28	3.141	17.286	26521407	184.067	1200	ug/ml

Raw Data: **FE053081.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:	03/28/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	K1P		SDG No.:	Q1675	
Lab Sample ID:	Q1675-18		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.8	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 09:40	04/01/25 8:45	PB167382

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	100		2	2.14	9.41	mg/kg	FE053091.D
Total EPH	Total EPH	100			2.14	9.41	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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

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

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Report of Analysis

Client:	G Environmental		Date Collected:	03/28/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	K1P		SDG No.:	Q1675	
Lab Sample ID:	Q1675-18		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.8	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053081.D	1	03/31/25	03/31/25	PB167382

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		96.6	E	1.07	4.71	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		35.4		1.39	2.35	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		38.1		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		38.4		40 - 140	77%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-18	Acq On:	31 Mar 2025 20:04
Client Sample ID:	K1P	Operator:	YP\AJ
Data file:	FE053081.D	Misc:	
Instrument:	FID_E	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.784	1001491	6.418	300	ug/ml
Aliphatic C12-C16	6.785	10.235	20097995	130.82	200	ug/ml
Aliphatic C16-C21	10.236	13.612	112301474	778.049	300	ug/ml
Aliphatic C21-C28	13.613	17.286	42467684	316.103	400	ug/ml
Aliphatic C28-C40	17.287	22.206	56157369	451.947	600	ug/ml
Aliphatic EPH	3.141	22.206	232026013	1680		ug/ml
ortho-Terphenyl (SURR)	11.901	11.901	6246381	38.35		ug/ml
1-chlorooctadecane (SURR)	13.345	13.345	4572689	38.09		ug/ml
Aliphatic C9-C28	3.141	17.286	175868644	1230	1200	ug/ml

Raw Data: **FE053091.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	03/28/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	K1PDL		SDG No.:	Q1675	
Lab Sample ID:	Q1675-18DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.8	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053091.D	2	03/31/25	04/01/25	PB167382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	100		2.14	9.41	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.4		2.78	4.71	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	17.2		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	18.8		40 - 140	75%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-18DL	Acq On:	01 Apr 2025 08:45
Client Sample ID:	K1PDL	Operator:	YP\AJ
Data file:	FE053091.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.782	211084	1.353	300	ug/ml
Aliphatic C12-C16	6.783	10.232	14046035	91.427	200	ug/ml
Aliphatic C16-C21	10.233	13.609	58907924	408.127	300	ug/ml
Aliphatic C21-C28	13.610	17.278	18759260	139.632	400	ug/ml
Aliphatic C28-C40	17.279	22.189	20882654	168.061	600	ug/ml
Aliphatic EPH	3.141	22.189	112806957	808.6		ug/ml
ortho-Terphenyl (SURR)	11.895	11.895	3064043	18.81		ug/ml
1-chlorooctadecane (SURR)	13.340	13.340	2066296	17.21		ug/ml
Aliphatic C9-C28	3.141	17.278	91924303	640.539	1200	ug/ml

Raw Data: **FE053082.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	03/28/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	K1		SDG No.:	Q1675	
Lab Sample ID:	Q1675-19		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.5	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 09:40	03/31/25 20:34	PB167382

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	27.6		1	0.95	4.19	mg/kg	FE053082.D
Total EPH	Total EPH	27.6			0.95	4.19	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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: **FE053082.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	03/28/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	K1		SDG No.:	Q1675	
Lab Sample ID:	Q1675-19		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.5	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053082.D	1	03/31/25	03/31/25	PB167382

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		27.6		0.95	4.19	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		7.53		1.23	2.09	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		32.8		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		32.5		40 - 140	65%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-19	Acq On:	31 Mar 2025 20:34
Client Sample ID:	K1	Operator:	YP\AJ
Data file:	FE053082.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.784	880238	5.641	300	ug/ml
Aliphatic C12-C16	6.785	10.235	12724746	82.826	200	ug/ml
Aliphatic C16-C21	10.236	13.612	35231955	244.095	300	ug/ml
Aliphatic C21-C28	13.613	17.286	8613755	64.116	400	ug/ml
Aliphatic C28-C40	17.287	22.206	13422727	108.024	600	ug/ml
Aliphatic EPH	3.141	22.206	70873421	504.702		ug/ml
ortho-Terphenyl (SURR)	11.899	11.899	5291056	32.48		ug/ml
1-chlorooctadecane (SURR)	13.344	13.344	3936751	32.79		ug/ml
Aliphatic C9-C28	3.141	17.286	57450694	396.678	1200	ug/ml

Raw Data: **FE053083.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	03/28/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	K2		SDG No.:	Q1675	
Lab Sample ID:	Q1675-20		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.7	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 09:40	03/31/25 21:04	PB167382

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	7.78		1	0.95	4.17	mg/kg	FE053083.D
Total EPH	Total EPH	7.78			0.95	4.17	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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: **FE053083.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	03/28/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	K2		SDG No.:	Q1675	
Lab Sample ID:	Q1675-20		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.7	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053083.D	1	03/31/25	03/31/25	PB167382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	7.78		0.95	4.17	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.02		1.23	2.08	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.0		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.5		40 - 140	59%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-20	Acq On:	31 Mar 2025 21:04
Client Sample ID:	K2	Operator:	YP\AJ
Data file:	FE053083.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.784	667191	4.276	300	ug/ml
Aliphatic C12-C16	6.785	10.235	1346975	8.768	200	ug/ml
Aliphatic C16-C21	10.236	13.612	10393979	72.012	300	ug/ml
Aliphatic C21-C28	13.613	17.286	3624938	26.982	400	ug/ml
Aliphatic C28-C40	17.287	22.206	8976869	72.245	600	ug/ml
Aliphatic EPH	3.141	22.206	25009952	184.282		ug/ml
ortho-Terphenyl (SURR)	11.899	11.899	4806048	29.51		ug/ml
1-chlorooctadecane (SURR)	13.343	13.343	3599127	29.98		ug/ml
Aliphatic C9-C28	3.141	17.286	16033083	112.038	1200	ug/ml

Raw Data: **FE053084.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	03/28/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	K3		SDG No.:	Q1675	
Lab Sample ID:	Q1675-21		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.9	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 09:40	03/31/25 21:34	PB167382

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	6.59		1	0.95	4.17	mg/kg	FE053084.D
Total EPH	Total EPH	6.59			0.95	4.17	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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

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

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Report of Analysis

Client:	G Environmental		Date Collected:	03/28/25	
Project:	Stockton		Date Received:	03/28/25	
Client Sample ID:	K3		SDG No.:	Q1675	
Lab Sample ID:	Q1675-21		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.9	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053084.D	1	03/31/25	03/31/25	PB167382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6.59		0.95	4.17	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.77		1.23	2.08	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.6		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.7		40 - 140	75%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-21	Acq On:	31 Mar 2025 21:34
Client Sample ID:	K3	Operator:	YP\AJ
Data file:	FE053084.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	3.141	6.784	313372	2.008	300	ug/ml
Aliphatic C12-C16	6.785	10.235	741011	4.823	200	ug/ml
Aliphatic C16-C21	10.236	13.612	11580639	80.233	300	ug/ml
Aliphatic C21-C28	13.613	17.286	1311114	9.759	400	ug/ml
Aliphatic C28-C40	17.287	22.206	6742412	54.262	600	ug/ml
Aliphatic EPH	3.141	22.206	20688548	151.086		ug/ml
ortho-Terphenyl (SURR)	11.899	11.899	6146059	37.73		ug/ml
1-chlorooctadecane (SURR)	13.344	13.344	4634958	38.61		ug/ml
Aliphatic C9-C28	3.141	17.286	13946136	96.823	1200	ug/ml

QC SUMMARY

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SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM CASE No.: Q1675 SAS No.: Q1675 SDG No.: Q1675

Run Number: FE033125AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB167382BL	77	78		0
PB167382BS	81	80		0
PB167382BSD	79	77		0
P1	81	81		0
P2	77	77		0
P2MS	66	64		0
P2MSD	69	67		0
P3	65	66		0
P5	78	92		0
P6	65	65		0
K1P	76	77		0
K1	66	65		0
K2	60	59		0
K3	77	75		0

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

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

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SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM CASE No.: Q1675 SAS No.: Q1675 SDG No.: Q1675

Run Number: FE040125AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
P5DL	84	96		0
K1PDL	69	75		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_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

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

Lab Code: CHEM **Cas No:** Q1675 **SAS No :** Q1675 **SDG No:** Q1675

Sample No : Q1675-02MS **Datafile:** FE053076.D

Client ID : P2MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	31.0	1.51	29.7	91		(40-140)
Aliphatic C9-C28	103.4	1.56	77.0	73		(40-140)

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SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

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

Lab Code: CHEM **Cas No:** Q1675 **SAS No :** Q1675 **SDG No:** Q1675

Sample No : Q1675-02MSD **Datafile:** FE053077.D

Client ID : P2MSD

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	31.0	1.51	32.9	101		10 |	(40-140)	25
Aliphatic C9-C28	103.4	1.56	83.4	79		8 |	(40-140)	25

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SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

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

Lab Code: CHEM **Cas No:** Q1675 **SAS No :** Q1675 **SDG No:** Q1675

Sample No : PB167382BS **Datafile:** FE053072.D

Client ID : PB167382BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	30.0	26.3	88		(40-140)
Aliphatic C9-C28	99.9	78.4	79		(40-140)

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SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

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

Lab Code: CHEM **Cas No:** Q1675 **SAS No :** Q1675 **SDG No:** Q1675

Sample No : PB167382BSD **Datafile:** FE053073.D

Client ID : PB167382BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	30.0	26.4	88		0.29|	(40-140)	50
Aliphatic C9-C28	99.9	76.9	77		2.1|	(40-140)	50

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4B

METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167382BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1675 SAS No.: Q1675 SDG NO.: Q1675

Instrument ID: FID_E Lab Sample ID: PB167382BL

Matrix: (soil/water) Solid Date Extracted: 3/31/2025 9:40:00 A

Level: (low/med) low

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

EPA SAMPLE NO.	LAB SAMPLE ID
PB167382BS	PB167382BS
PB167382BSD	PB167382BSD
P1	Q1675-01
P2	Q1675-02
P2MS	Q1675-02MS
P2MSD	Q1675-02MSD
P3	Q1675-03
P5	Q1675-05
P6	Q1675-06
K1P	Q1675-18
K1	Q1675-19
K2	Q1675-20
K3	Q1675-21

COMMENTS:

QC SAMPLE DATA

Raw Data: **FE053071.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Stockton			Date Received:	
Client Sample ID:	PB167382BL			SDG No.:	Q1675
Lab Sample ID:	PB167382BL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 09:40	03/31/25 15:01	PB167382

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FE053071.D
Total EPH	Total EPH	0.91	U		0.91	3.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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: **FE053071.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Stockton		Date Received:		
Client Sample ID:	PB167382BL		SDG No.:	Q1675	
Lab Sample ID:	PB167382BL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053071.D	1	03/31/25	03/31/25	PB167382

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)	38.6		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.2		40 - 140	78%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167382BL	Acq On:	31 Mar 2025 15:01
Client Sample ID:	PB167382BL	Operator:	YP\AJ
Data file:	FE053071.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.784	0	0	300	ug/ml
Aliphatic C12-C16	6.785	10.235	0	0	200	ug/ml
Aliphatic C16-C21	10.236	13.612	0	0	300	ug/ml
Aliphatic C21-C28	13.613	17.286	0	0	400	ug/ml
Aliphatic C28-C40	17.287	22.206	0	0	600	ug/ml
Aliphatic EPH	3.141	22.206	0	0		ug/ml
ortho-Terphenyl (SURR)	11.901	11.901	6391951	39.24		ug/ml
1-chlorooctadecane (SURR)	13.346	13.346	4638531	38.64		ug/ml
Aliphatic C9-C28	3.141	17.286	0	0	1200	ug/ml

Raw Data: **FE053072.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Stockton		Date Received:		
Client Sample ID:	PB167382BS		SDG No.:	Q1675	
Lab Sample ID:	PB167382BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 09:40	03/31/25 15:31	PB167382

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	78.4		1	0.91	3.99	mg/kg	FE053072.D
Total EPH	Total EPH	78.4			0.91	3.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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: **FE053072.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Stockton		Date Received:		
Client Sample ID:	PB167382BS		SDG No.:	Q1675	
Lab Sample ID:	PB167382BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053072.D	1	03/31/25	03/31/25	PB167382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	78.4		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.3		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.4		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.8		40 - 140	80%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167382BS	Acq On:	31 Mar 2025 15:31
Client Sample ID:	PB167382BS	Operator:	YP\AJ
Data file:	FE053072.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.784	33700124	215.982	300	ug/ml
Aliphatic C12-C16	6.785	10.235	38648785	251.568	200	ug/ml
Aliphatic C16-C21	10.236	13.612	42441477	294.044	300	ug/ml
Aliphatic C21-C28	13.613	17.286	55753172	414.992	400	ug/ml
Aliphatic C28-C40	17.287	22.206	48988173	394.25	600	ug/ml
Aliphatic EPH	3.141	22.206	219531731	1570		ug/ml
ortho-Terphenyl (SURR)	11.900	11.900	6480100	39.78		ug/ml
1-chlorooctadecane (SURR)	13.345	13.345	4851572	40.41		ug/ml
Aliphatic C9-C28	3.141	17.286	170543558	1180	1200	ug/ml

Raw Data: **FE053073.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Stockton		Date Received:		
Client Sample ID:	PB167382BSD		SDG No.:	Q1675	
Lab Sample ID:	PB167382BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 09:40	03/31/25 16:01	PB167382

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	76.9		1	0.91	3.99	mg/kg	FE053073.D
Total EPH	Total EPH	76.9			0.91	3.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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: **FE053073.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Stockton		Date Received:		
Client Sample ID:	PB167382BSD		SDG No.:	Q1675	
Lab Sample ID:	PB167382BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053073.D	1	03/31/25	03/31/25	PB167382

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		76.9		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		26.4		1.18	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		39.4		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		38.7		40 - 140	77%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167382BSD	Acq On:	31 Mar 2025 16:01
Client Sample ID:	PB167382BSD	Operator:	YP\AJ
Data file:	FE053073.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.784	32939016	211.104	300	ug/ml
Aliphatic C12-C16	6.785	10.235	37863605	246.457	200	ug/ml
Aliphatic C16-C21	10.236	13.612	41693618	288.863	300	ug/ml
Aliphatic C21-C28	13.613	17.286	54940860	408.946	400	ug/ml
Aliphatic C28-C40	17.287	22.206	49216425	396.087	600	ug/ml
Aliphatic EPH	3.141	22.206	216653524	1550		ug/ml
ortho-Terphenyl (SURR)	11.901	11.901	6298065	38.67		ug/ml
1-chlorooctadecane (SURR)	13.345	13.345	4727254	39.38		ug/ml
Aliphatic C9-C28	3.141	17.286	167437099	1160	1200	ug/ml

Raw Data: **FE053076.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Stockton		Date Received:		
Client Sample ID:	P2MS		SDG No.:	Q1675	
Lab Sample ID:	Q1675-02MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	96.5	
Sample Wt/Vol:	30.05 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 09:40	03/31/25 17:33	PB167382

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	77.0		1	0.94	4.13	mg/kg	FE053076.D
Total EPH	Total EPH	77.0			0.94	4.13	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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: **FE053076.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Stockton		Date Received:		
Client Sample ID:	P2MS		SDG No.:	Q1675	
Lab Sample ID:	Q1675-02MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	96.5	
Sample Wt/Vol:	30.05 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053076.D	1	03/31/25	03/31/25	PB167382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	77.0		0.94	4.13	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	29.7		1.22	2.07	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.8		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.0		40 - 140	64%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-02MS	Acq On:	31 Mar 2025 17:33
Client Sample ID:	P2MS	Operator:	YP\AJ
Data file:	FE053076.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.784	31970901	204.899	300	ug/ml
Aliphatic C12-C16	6.785	10.235	36804339	239.563	200	ug/ml
Aliphatic C16-C21	10.236	13.612	40318663	279.337	300	ug/ml
Aliphatic C21-C28	13.613	17.286	52826138	393.205	400	ug/ml
Aliphatic C28-C40	17.287	22.206	53445809	430.124	600	ug/ml
Aliphatic EPH	3.141	22.206	215365850	1550		ug/ml
ortho-Terphenyl (SURR)	11.900	11.900	5216005	32.02		ug/ml
1-chlorooctadecane (SURR)	13.344	13.344	3940136	32.82		ug/ml
Aliphatic C9-C28	3.141	17.286	161920041	1120	1200	ug/ml

Raw Data: **FE053077.D**

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Report of Analysis

Client:	G Environmental			Date Collected:			
Project:	Stockton			Date Received:			
Client Sample ID:	P2MSD			SDG No.:	Q1675		
Lab Sample ID:	Q1675-02MSD			Matrix:	Solid		
Analytical Method:	NJEPH			% Solid:	96.5		
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	2000	uL	
Soil Aliquot Vol:			uL	Test:	EPH_F2		
Prep Method :							

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 09:40	03/31/25 18:03	PB167382

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	83.4	E	1	0.94	4.13	mg/kg	FE053077.D
Total EPH	Total EPH	83.4			0.94	4.13	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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: **FE053077.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Stockton			Date Received:	
Client Sample ID:	P2MSD			SDG No.:	Q1675
Lab Sample ID:	Q1675-02MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	96.5
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_F2
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053077.D	1	03/31/25	03/31/25	PB167382

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		83.4	E	0.94	4.13	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		32.9		1.22	2.07	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		34.3		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		33.5		40 - 140	67%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-02MSD	Acq On:	31 Mar 2025 18:03
Client Sample ID:	P2MSD	Operator:	YP\AJ
Data file:	FE053077.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.784	33557381	215.067	300	ug/ml
Aliphatic C12-C16	6.785	10.235	38548845	250.918	200	ug/ml
Aliphatic C16-C21	10.236	13.612	47750730	330.828	300	ug/ml
Aliphatic C21-C28	13.613	17.286	55508159	413.169	400	ug/ml
Aliphatic C28-C40	17.287	22.206	59201020	476.442	600	ug/ml
Aliphatic EPH	3.141	22.206	234566135	1690		ug/ml
ortho-Terphenyl (SURR)	11.899	11.899	5448289	33.45		ug/ml
1-chlorooctadecane (SURR)	13.344	13.344	4113814	34.27		ug/ml
Aliphatic C9-C28	3.141	17.286	175365115	1210	1200	ug/ml

CALIBRATION SUMMARY

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Fax : 908 789 8922

Inital Calibration Report for SequenceID : FE032925AL

AreaCount

Parameter Range	FE053057.D	FE053058.D	FE053059.D	FE053060.D	FE053061.D	
Aliphatic C9-C12	43787496.000	22390350.000	9414081.000	5050690.000	2395142.000	
Aliphatic C12-C16	28597843.000	14617182.000	6190316.000	3307237.000	1588761.000	
Aliphatic C16-C21	40121868.000	20531609.000	8737089.000	4659997.000	2251765.000	
Aliphatic C21-C28	49794778.000	25504658.000	10797701.000	5797240.000	2796495.000	
Aliphatic C28-C40	68763224.000	35322416.000	14910911.000	8043699.000	3918511.000	
Aliphatic EPH	231065209.000	118366215.000	50050098.000	26858863.000	12950674.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	156032.2273332	5.671				
Aliphatic C12-C16	153631.377	5.959				
Aliphatic C16-C21	144337.2006664	6.235				
Aliphatic C21-C28	134347.4495	6.296				
Aliphatic C28-C40	124256.6069996	6.639				
Aliphatic EPH	138405.5821106	6.211				

Concentration

Parameter Range	FE053057.D	FE053058.D	FE053059.D	FE053060.D	FE053061.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	FE053057.D	FE053058.D	FE053059.D	FE053060.D	FE053061.D	
Aliphatic C9-C12	145958.320000	149269.000000	156901.350000	168356.333333	159676.133333	
Aliphatic C12-C16	142989.215000	146171.820000	154757.900000	165361.850000	158876.100000	
Aliphatic C16-C21	133739.560000	136877.393333	145618.150000	155333.233333	150117.666666	

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Fax : 908 789 8922

Inital Calibration Report for SequenceID : FE032925AL

Aliphatic C21-C28	124486.945000	127523.290000	134971.262500	144931.000000	139824.750000	
Aliphatic C28-C40	114605.373333	117741.386666	124257.591666	134061.650000	130617.033333	
Aliphatic EPH	128369.560555	131518.016666	139028.050000	149215.905555	143896.377777	

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
Data File : FE053057.D
Signal(s) : FID1B.ch
Acq On : 28 Mar 2025 23:09
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Mar 31 02:33:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:32:07 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)	11.905	15124462	92.180 ug/ml
Spiked Amount	50.000		Recovery =	184.36%
12) S	1-chlorooctadecane (S...	13.346	11256528	93.004 ug/ml
Spiked Amount	50.000		Recovery =	186.01%
	Target Compounds			
1) T	n-Nonane (C9)	3.245	14467051	92.982 ug/ml
2) T	n-Decane (C10)	4.507	14671828	92.985 ug/ml
3) T	A~Naphthalene (C11.7)	6.219	15876340	93.560 ug/ml
4) T	n-Dodecane (C12)	6.687	14648617	93.109 ug/ml
5) T	A~2-methylnaphthalene...	7.322	15149487	93.605 ug/ml
6) T	n-Tetradecane (C14)	8.524	14259186	92.600 ug/ml
7) T	n-Hexadecane (C16)	10.139	14338657	92.193 ug/ml
8) T	n-Octadecane (C18)	11.588	14068370	91.866 ug/ml
10) T	n-Eicosane (C20)	12.901	13195143	91.680 ug/ml
11) T	n-Heneicosane (C21)	13.515	12858355	91.984 ug/ml
13) T	n-Docosane (C22)	14.102	12690489	92.035 ug/ml
14) T	n-Tetracosane (C24)	15.208	12543071	92.480 ug/ml
15) T	n-Hexacosane (C26)	16.232	12367318	92.203 ug/ml
16) T	n-Octacosane (C28)	17.184	12193900	92.212 ug/ml
17) T	n-Tricontane (C30)	18.074	12479859	92.084 ug/ml
18) T	n-Dotriacontane (C32)	18.907	12339520	91.923 ug/ml
19) T	n-Tetratriacontane (C34)	19.692	11894139	92.113 ug/ml
20) T	n-Hexatriacontane (C36)	20.434	11060374	93.779 ug/ml
21) T	n-Octatriacontane (C38)	21.172	10654154	92.570 ug/ml
22) T	n-Tetracontane (C40)	22.088	10335178	90.961 ug/ml

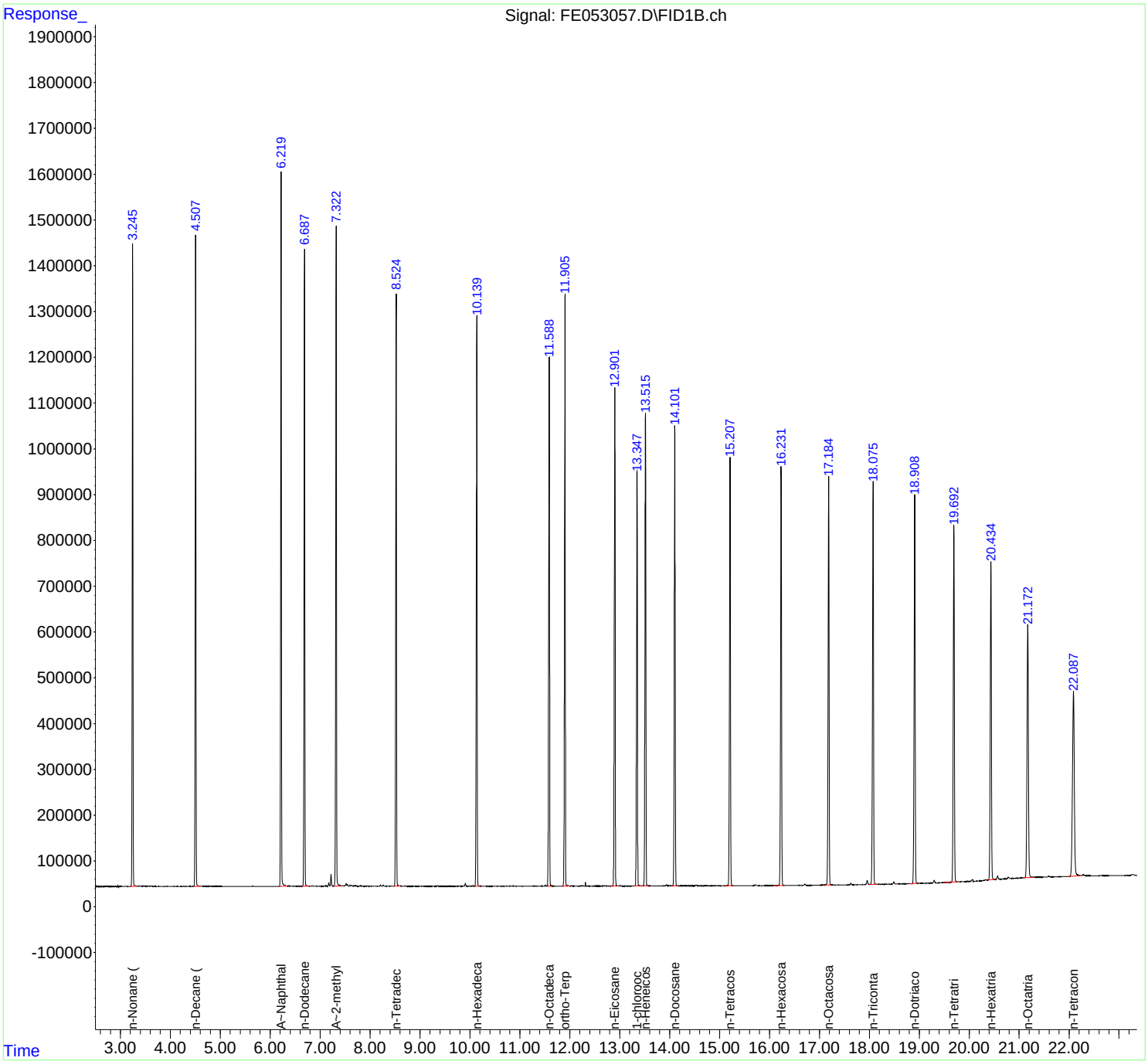
(f)=RT Delta > 1/2 Window (m)=manual int.

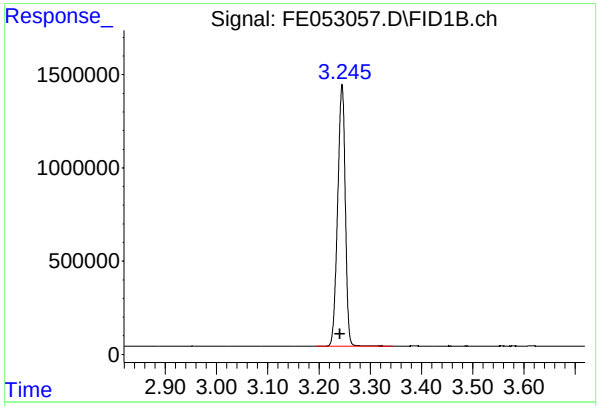
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
Data File : FE053057.D
Signal(s) : FID1B.ch
Acq On : 28 Mar 2025 23:09
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Mar 31 02:33:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:32:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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

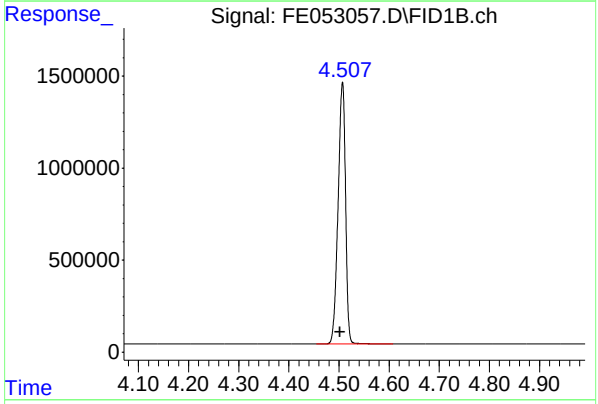




#1 n-Nonane (C9)

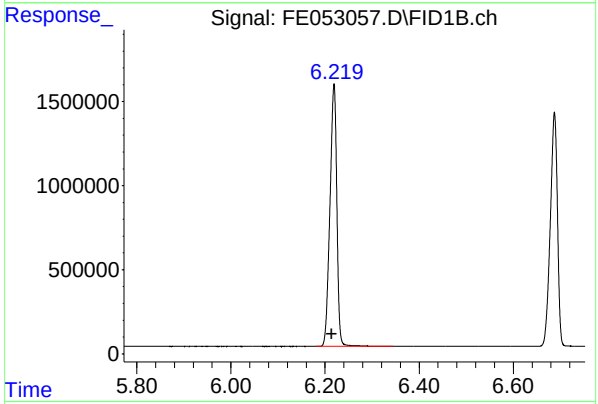
R.T.: 3.245 min
Delta R.T.: 0.004 min
Response: 14467051
Conc: 92.98 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



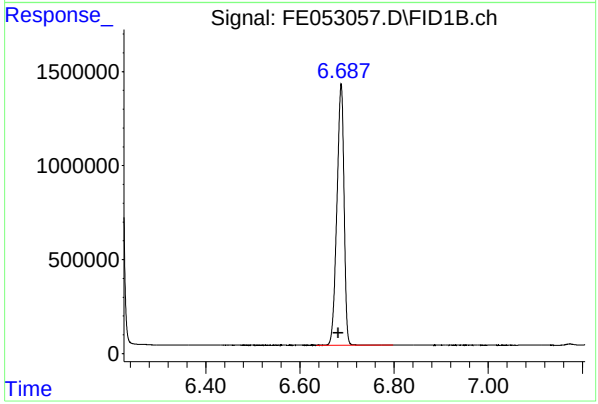
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: 0.005 min
Response: 14671828
Conc: 92.99 ug/ml



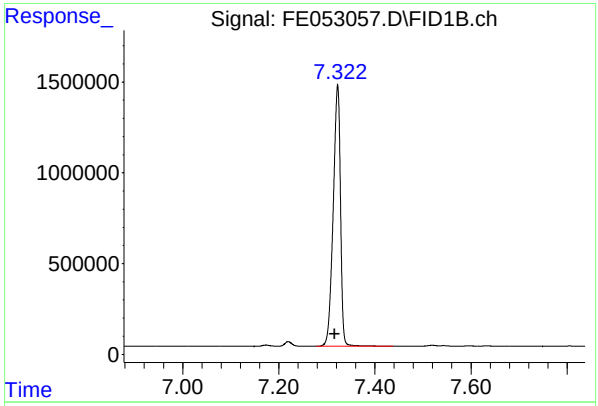
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: 0.005 min
Response: 15876340
Conc: 93.56 ug/ml



#4 n-Dodecane (C12)

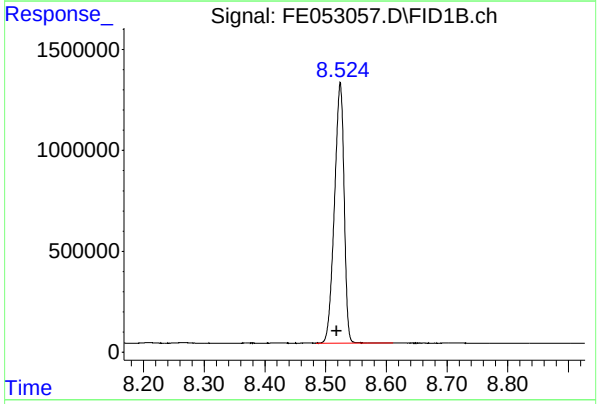
R.T.: 6.687 min
Delta R.T.: 0.005 min
Response: 14648617
Conc: 93.11 ug/ml



#5 A~2-methylnaphthalene (C12.89)

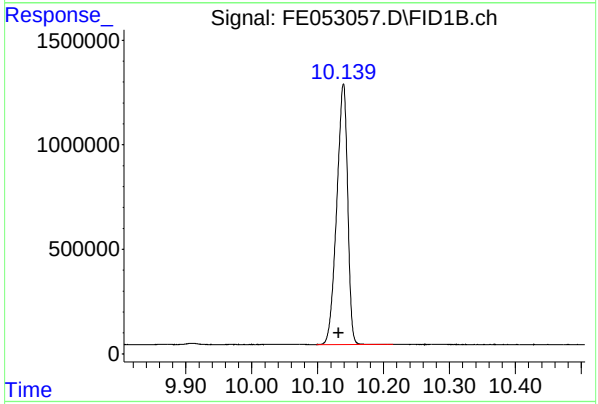
R.T.: 7.322 min
Delta R.T.: 0.006 min
Response: 15149487
Conc: 93.60 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



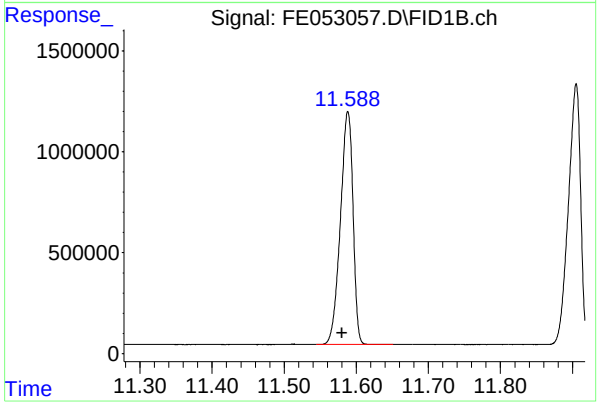
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: 0.006 min
Response: 14259186
Conc: 92.60 ug/ml



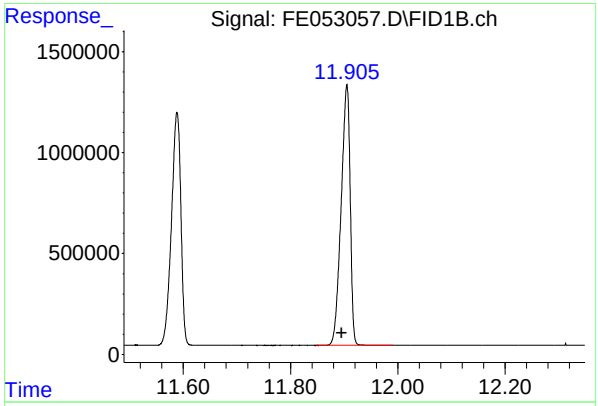
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.007 min
Response: 14338657
Conc: 92.19 ug/ml



#8 n-Octadecane (C18)

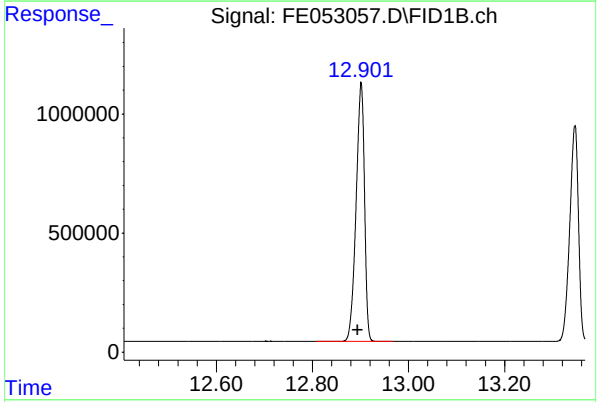
R.T.: 11.588 min
Delta R.T.: 0.008 min
Response: 14068370
Conc: 91.87 ug/ml



#9 ortho-Terphenyl (SURR)

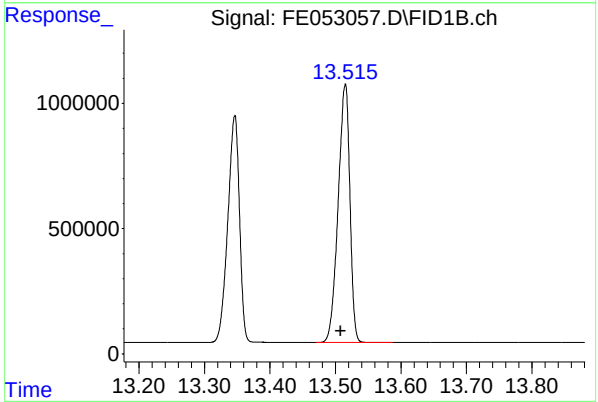
R.T.: 11.905 min
Delta R.T.: 0.009 min
Response: 15124462
Conc: 92.18 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



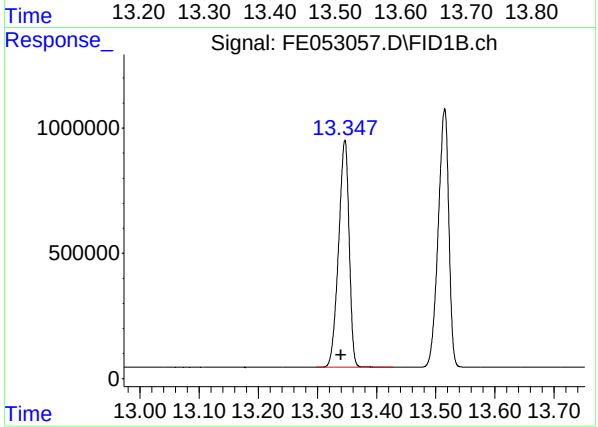
#10 n-Eicosane (C20)

R.T.: 12.901 min
Delta R.T.: 0.007 min
Response: 13195143
Conc: 91.68 ug/ml



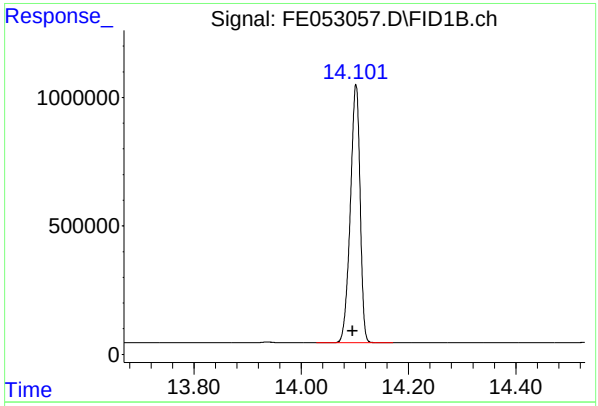
#11 n-Heneicosane (C21)

R.T.: 13.515 min
Delta R.T.: 0.007 min
Response: 12858355
Conc: 91.98 ug/ml



#12 1-chlorooctadecane (SURR)

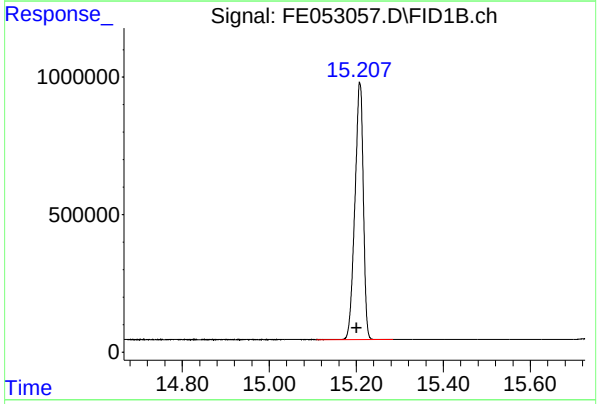
R.T.: 13.346 min
Delta R.T.: 0.006 min
Response: 11256528
Conc: 93.00 ug/ml



#13 n-Docosane (C22)

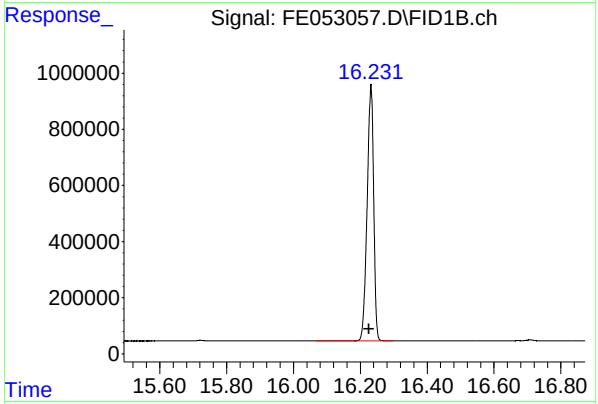
R.T.: 14.102 min
Delta R.T.: 0.006 min
Response: 12690489
Conc: 92.04 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



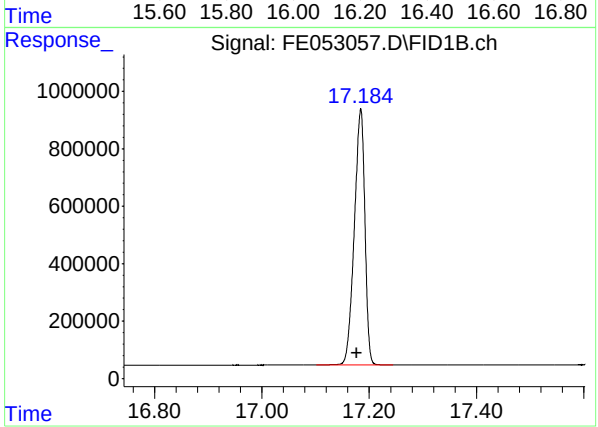
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: 0.007 min
Response: 12543071
Conc: 92.48 ug/ml



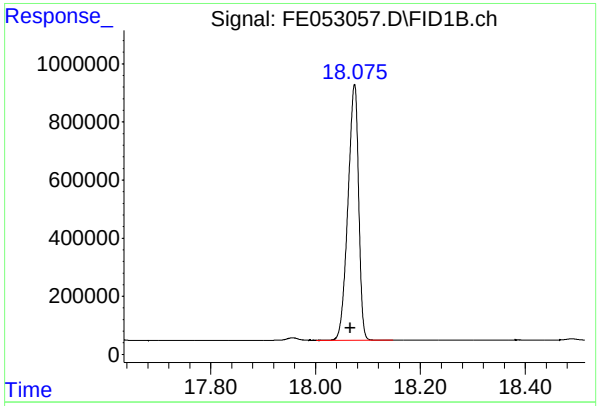
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.006 min
Response: 12367318
Conc: 92.20 ug/ml



#16 n-Octacosane (C28)

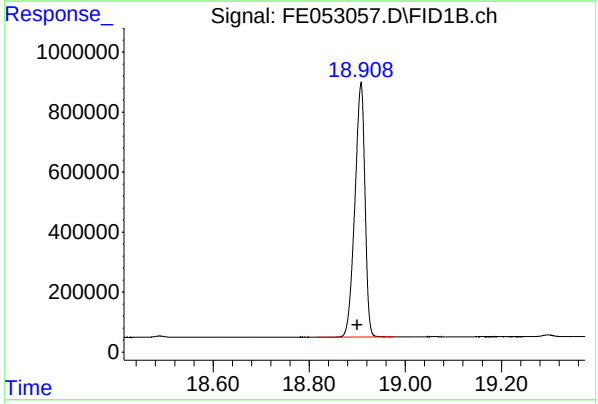
R.T.: 17.184 min
Delta R.T.: 0.007 min
Response: 12193900
Conc: 92.21 ug/ml



#17 n-Tricontane (C30)

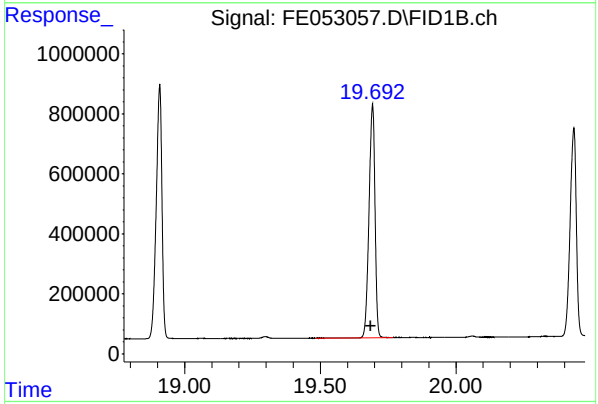
R.T.: 18.074 min
Delta R.T.: 0.008 min
Response: 12479859
Conc: 92.08 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



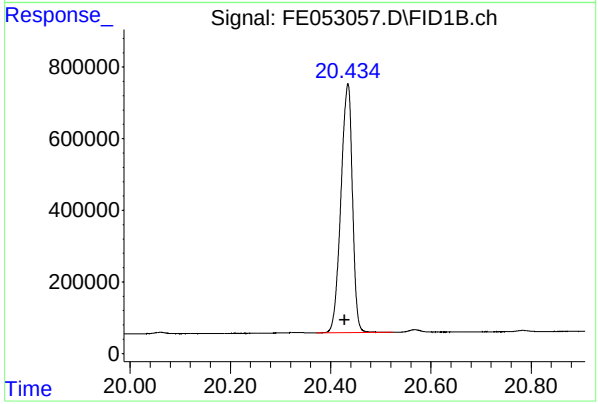
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: 0.007 min
Response: 12339520
Conc: 91.92 ug/ml



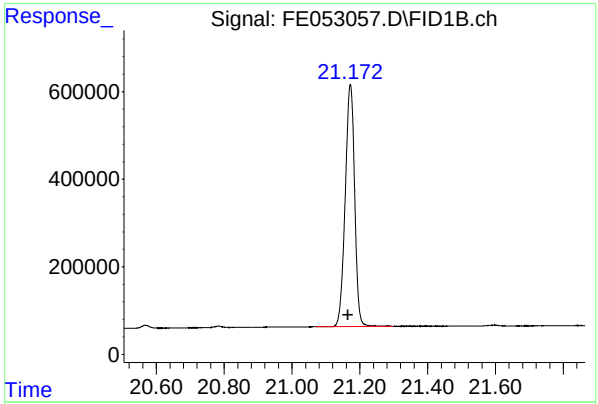
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min
Delta R.T.: 0.006 min
Response: 11894139
Conc: 92.11 ug/ml



#20 n-Hexatriacontane (C36)

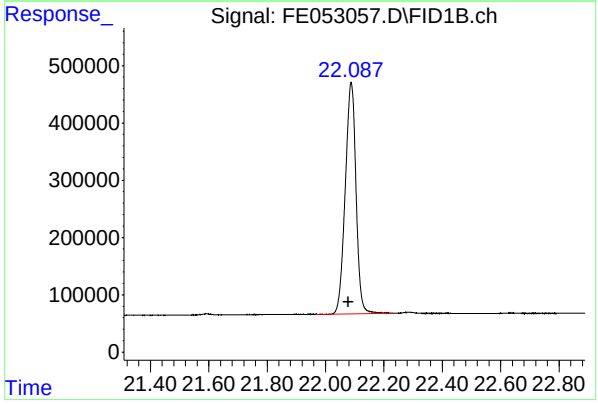
R.T.: 20.434 min
Delta R.T.: 0.006 min
Response: 11060374
Conc: 93.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: 0.007 min
Response: 10654154
Conc: 92.57 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: 0.009 min
Response: 10335178
Conc: 90.96 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
Data File : FE053057.D
Signal(s) : FID1B.ch
Acq On : 28 Mar 2025 23:09
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	3.245	3.194	3.344	BB	1398509	14467051	91.12%	5.015%
2	4.507	4.454	4.608	BB	1434765	14671828	92.41%	5.086%
3	6.219	6.181	6.344	BB	1544923	15876340	100.00%	5.504%
4	6.687	6.634	6.798	BB	1392621	14648617	92.27%	5.078%
5	7.322	7.278	7.438	PV	1420555	15149487	95.42%	5.252%
6	8.524	8.484	8.611	BB	1293905	14259186	89.81%	4.943%
7	10.139	10.098	10.214	BB	1237096	14338657	90.31%	4.971%
8	11.588	11.544	11.651	BB	1155741	14068370	88.61%	4.877%
9	11.905	11.848	11.991	BB	1288723	15124462	95.26%	5.243%
10	12.901	12.808	12.968	BB	1085976	13195143	83.11%	4.574%
11	13.346	13.298	13.428	BV	917819	11256528	70.90%	3.902%
12	13.515	13.470	13.588	VB	1030730	12858355	80.99%	4.457%
13	14.102	14.028	14.171	BB	1004859	12690489	79.93%	4.399%
14	15.208	15.108	15.284	BB	938755	12543071	79.00%	4.348%
15	16.232	16.068	16.298	BB	904338	12367318	77.90%	4.287%
16	17.184	17.101	17.244	BB	893749	12193900	76.81%	4.227%
17	18.074	18.001	18.148	BB	884811	12479859	78.61%	4.326%
18	18.907	18.814	18.974	BB	847236	12339520	77.72%	4.278%
19	19.692	19.484	19.768	BB	773669	11894139	74.92%	4.123%
20	20.434	20.371	20.524	BB	696151	11060374	69.67%	3.834%
21	21.172	21.071	21.298	BB	553274	10654154	67.11%	3.693%
22	22.088	21.968	22.231	BV	404198	10335178	65.10%	3.583%
			Sum of corrected areas:			288472026		

Aliphatic EPH 032925.M Mon Mar 31 02:54:17 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
Data File : FE053058.D
Signal(s) : FID1B.ch
Acq On : 29 Mar 2025 00:09
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Mar 31 02:33:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:32:07 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)	11.899	7739554	47.171 ug/ml
Spiked Amount	50.000		Recovery =	94.34%
12) S	1-chlorooctadecane (S...	13.342	5737088	47.401 ug/ml
Spiked Amount	50.000		Recovery =	94.80%
	Target Compounds			
1) T	n-Nonane (C9)	3.243	7405859	47.599 ug/ml
2) T	n-Decane (C10)	4.504	7507316	47.579 ug/ml
3) T	A~Naphthalene (C11.7)	6.215	8098490	47.725 ug/ml
4) T	n-Dodecane (C12)	6.684	7477175	47.526 ug/ml
5) T	A~2-methylnaphthalene...	7.318	7723061	47.719 ug/ml
6) T	n-Tetradecane (C14)	8.520	7290540	47.345 ug/ml
7) T	n-Hexadecane (C16)	10.134	7326642	47.108 ug/ml
8) T	n-Octadecane (C18)	11.583	7195583	46.987 ug/ml
10) T	n-Eicosane (C20)	12.896	6752815	46.919 ug/ml
11) T	n-Heneicosane (C21)	13.510	6583211	47.094 ug/ml
13) T	n-Docosane (C22)	14.098	6496795	47.117 ug/ml
14) T	n-Tetracosane (C24)	15.204	6423393	47.360 ug/ml
15) T	n-Hexacosane (C26)	16.228	6336602	47.242 ug/ml
16) T	n-Octacosane (C28)	17.179	6247868	47.247 ug/ml
17) T	n-Tricontane (C30)	18.068	6397526	47.205 ug/ml
18) T	n-Dotriacontane (C32)	18.902	6321218	47.090 ug/ml
19) T	n-Tetratriacontane (C34)	19.687	6102318	47.259 ug/ml
20) T	n-Hexatriacontane (C36)	20.429	5671223	48.086 ug/ml
21) T	n-Octatriacontane (C38)	21.167	5456156	47.406 ug/ml
22) T	n-Tetracontane (C40)	22.083	5373975	47.297 ug/ml

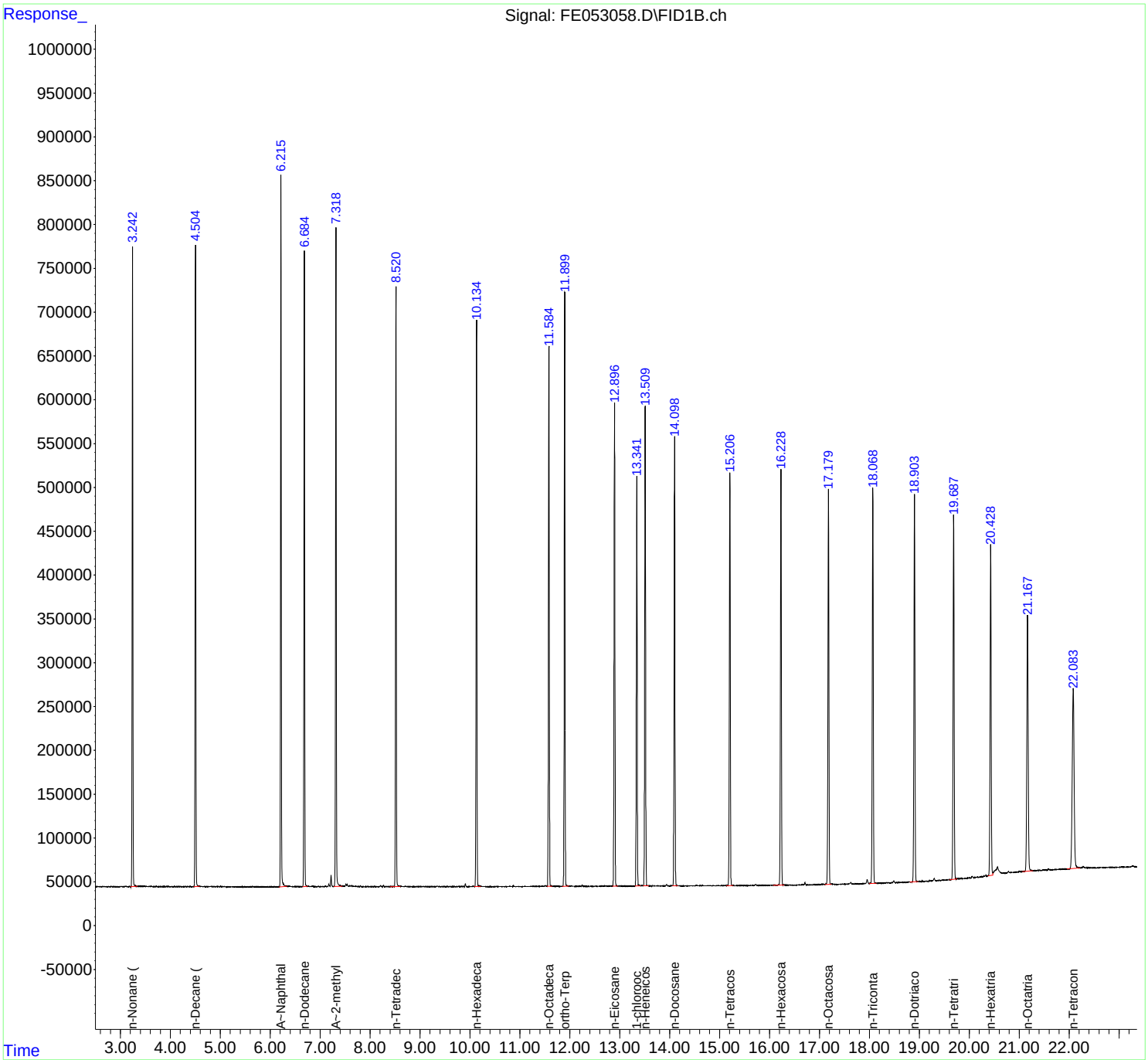
(f)=RT Delta > 1/2 Window (m)=manual int.

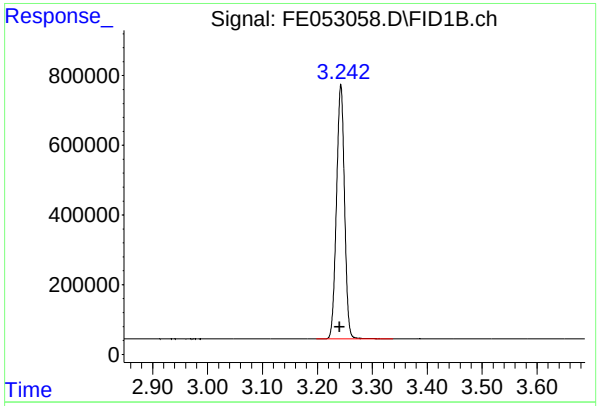
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
Data File : FE053058.D
Signal(s) : FID1B.ch
Acq On : 29 Mar 2025 00:09
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Mar 31 02:33:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:32:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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

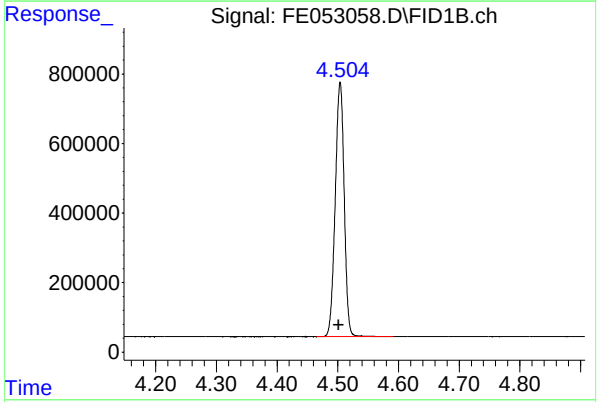




#1 n-Nonane (C9)

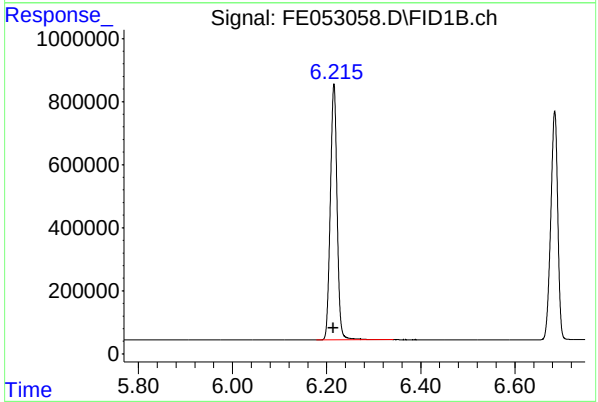
R.T.: 3.243 min
Delta R.T.: 0.002 min
Response: 7405859
Conc: 47.60 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



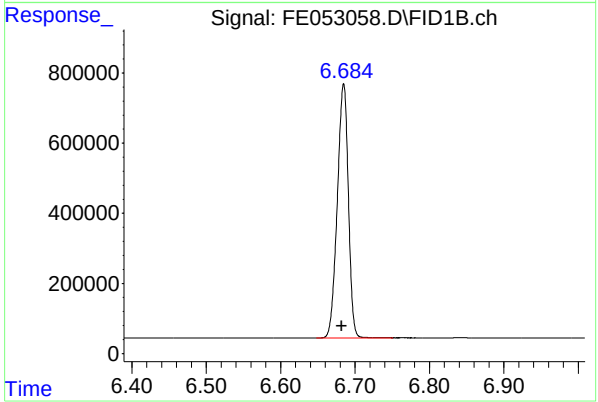
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: 0.002 min
Response: 7507316
Conc: 47.58 ug/ml



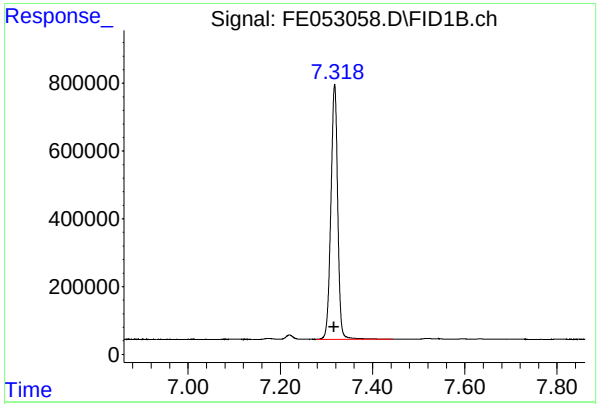
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.001 min
Response: 8098490
Conc: 47.72 ug/ml



#4 n-Dodecane (C12)

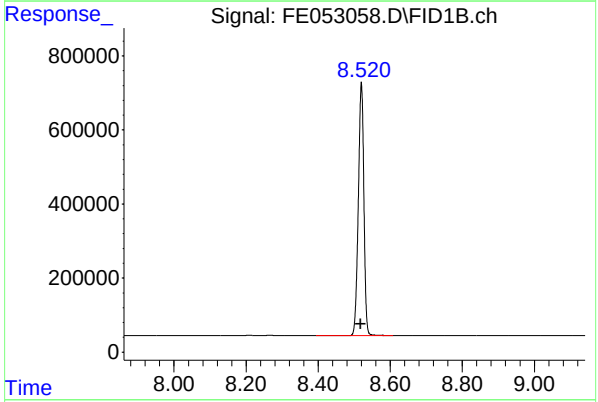
R.T.: 6.684 min
Delta R.T.: 0.002 min
Response: 7477175
Conc: 47.53 ug/ml



#5 A~2-methylnaphthalene (C12.89)

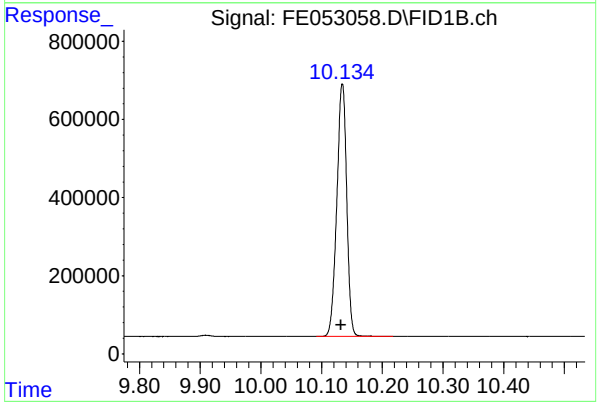
R.T.: 7.318 min
Delta R.T.: 0.002 min
Response: 7723061
Conc: 47.72 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



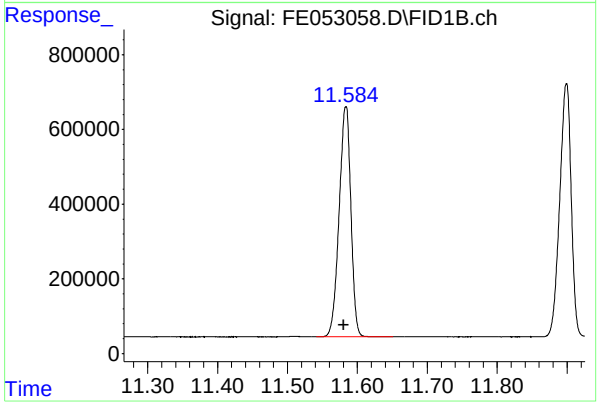
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: 0.002 min
Response: 7290540
Conc: 47.35 ug/ml



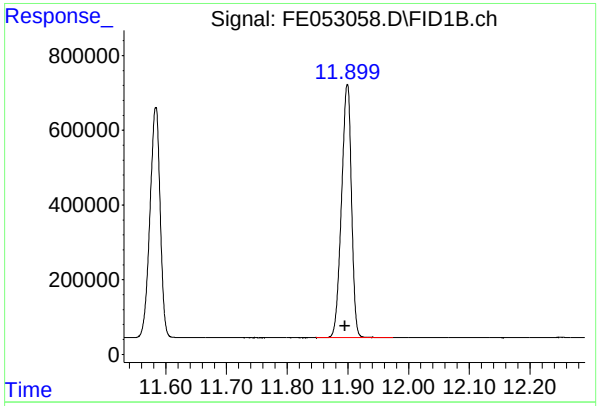
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: 0.002 min
Response: 7326642
Conc: 47.11 ug/ml



#8 n-Octadecane (C18)

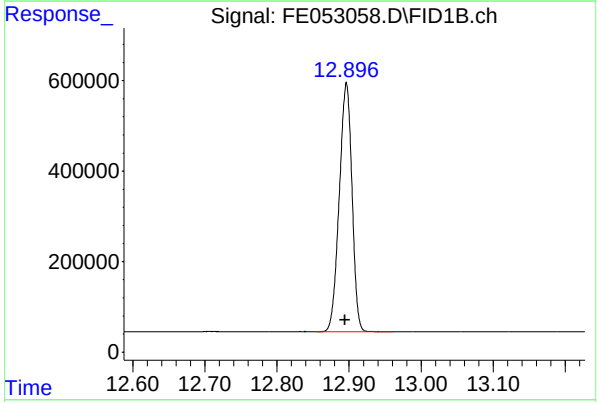
R.T.: 11.583 min
Delta R.T.: 0.003 min
Response: 7195583
Conc: 46.99 ug/ml



#9 ortho-Terphenyl (SURR)

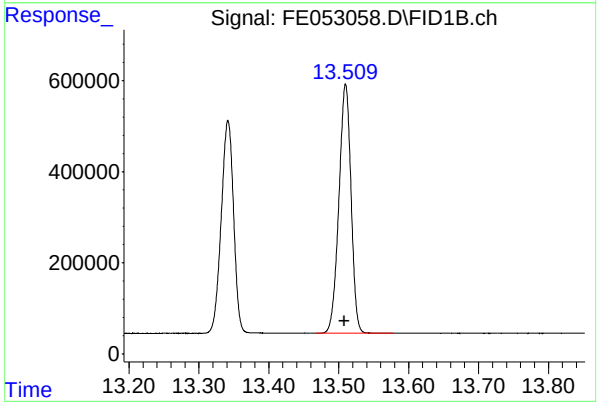
R.T.: 11.899 min
Delta R.T.: 0.004 min
Response: 7739554
Conc: 47.17 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



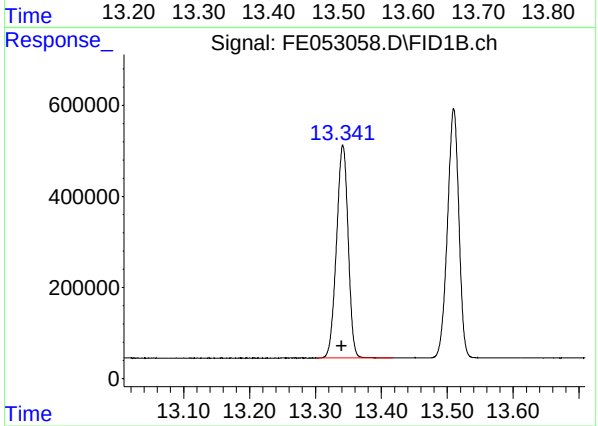
#10 n-Eicosane (C20)

R.T.: 12.896 min
Delta R.T.: 0.002 min
Response: 6752815
Conc: 46.92 ug/ml



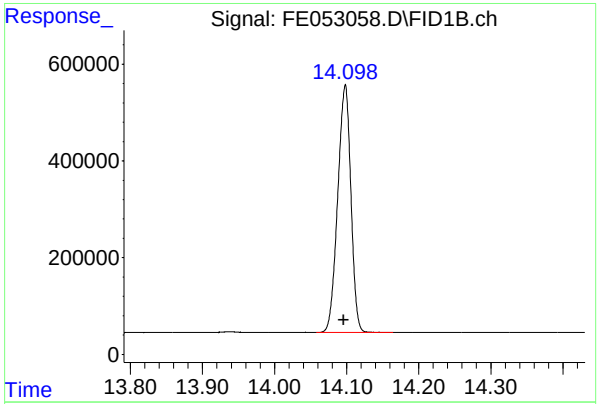
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: 0.002 min
Response: 6583211
Conc: 47.09 ug/ml



#12 1-chlorooctadecane (SURR)

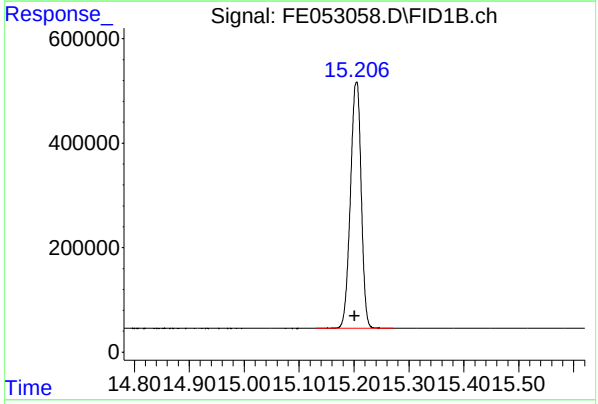
R.T.: 13.342 min
Delta R.T.: 0.002 min
Response: 5737088
Conc: 47.40 ug/ml



#13 n-Docosane (C22)

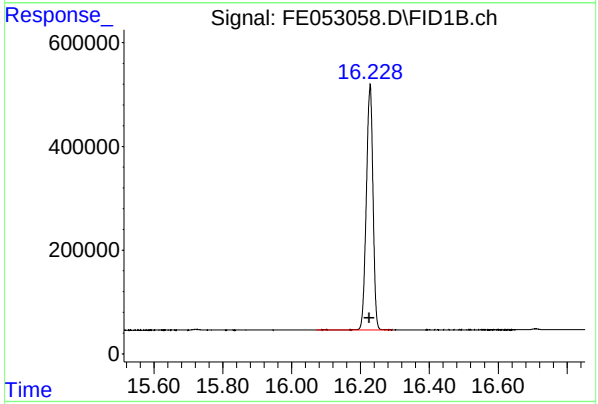
R.T.: 14.098 min
Delta R.T.: 0.002 min
Response: 6496795
Conc: 47.12 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



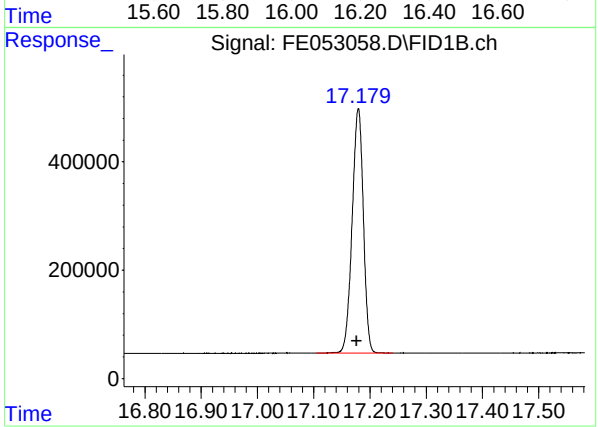
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: 0.003 min
Response: 6423393
Conc: 47.36 ug/ml



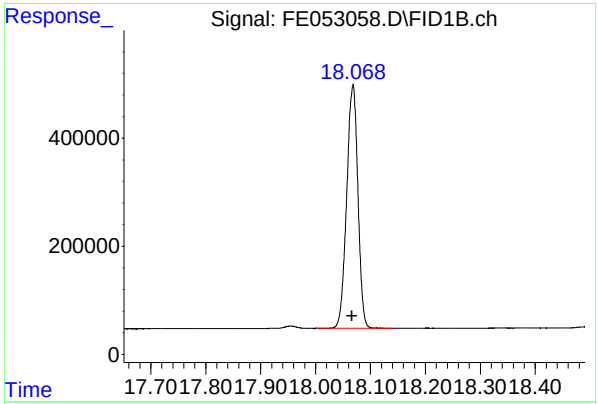
#15 n-Hexacosane (C26)

R.T.: 16.228 min
Delta R.T.: 0.002 min
Response: 6336602
Conc: 47.24 ug/ml



#16 n-Octacosane (C28)

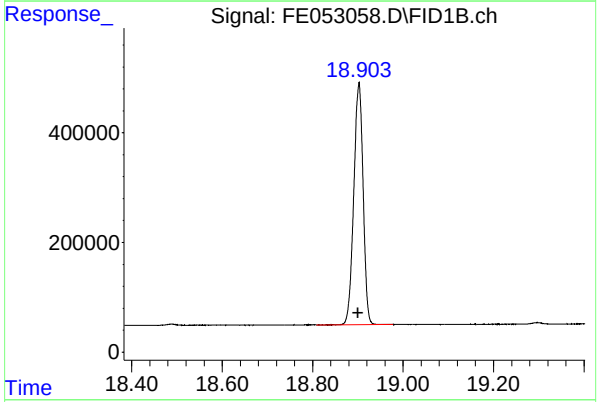
R.T.: 17.179 min
Delta R.T.: 0.003 min
Response: 6247868
Conc: 47.25 ug/ml



#17 n-Tricontane (C30)

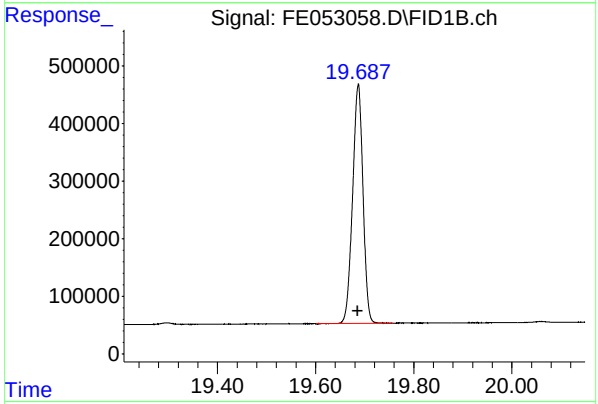
R.T.: 18.068 min
Delta R.T.: 0.001 min
Response: 6397526
Conc: 47.20 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



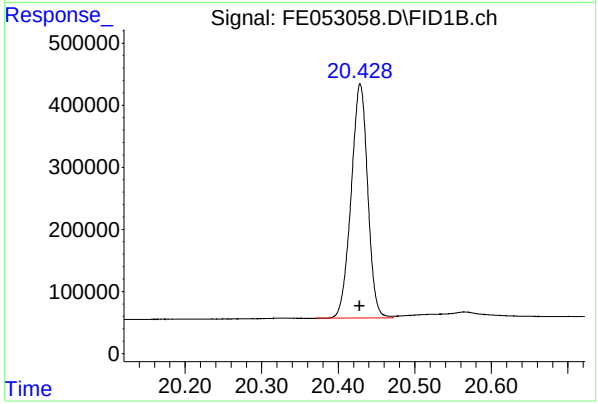
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: 0.002 min
Response: 6321218
Conc: 47.09 ug/ml



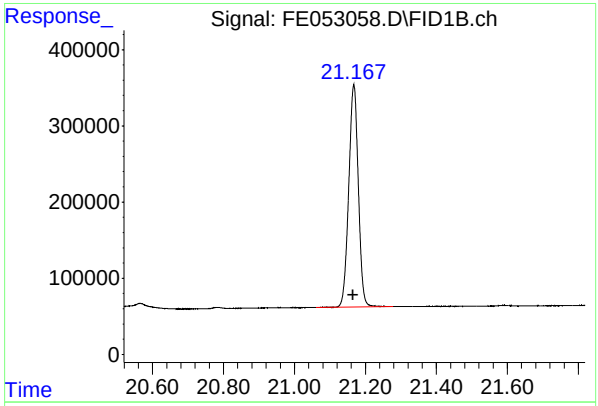
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min
Delta R.T.: 0.000 min
Response: 6102318
Conc: 47.26 ug/ml



#20 n-Hexatriacontane (C36)

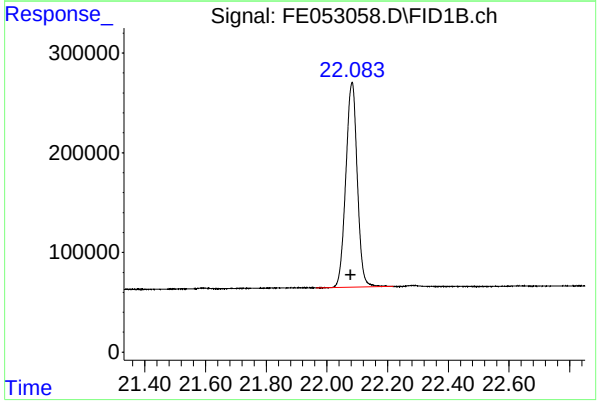
R.T.: 20.429 min
Delta R.T.: 0.000 min
Response: 5671223
Conc: 48.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.167 min
Delta R.T.: 0.002 mi
Response: 5456156
Conc: 47.41 ug/m

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.083 min
Delta R.T.: 0.004 min
Response: 5373975
Conc: 47.30 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
Data File : FE053058.D
Signal(s) : FID1B.ch
Acq On : 29 Mar 2025 00:09
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	3.243	3.198	3.338	BB	730098	7405859	91.45%	5.015%
2	4.504	4.464	4.591	BB	732774	7507316	92.70%	5.084%
3	6.216	6.178	6.341	BB	807318	8098490	100.00%	5.484%
4	6.684	6.648	6.751	BB	725111	7477175	92.33%	5.064%
5	7.318	7.278	7.444	PV	750753	7723061	95.36%	5.230%
6	8.520	8.394	8.608	BB	681511	7290540	90.02%	4.937%
7	10.134	10.091	10.218	BB	648500	7326642	90.47%	4.962%
8	11.583	11.541	11.651	BB	623750	7195583	88.85%	4.873%
9	11.899	11.848	11.974	BB	678047	7739554	95.57%	5.241%
10	12.896	12.854	12.961	BB	550845	6752815	83.38%	4.573%
11	13.342	13.301	13.418	BB	466777	5737088	70.84%	3.885%
12	13.510	13.468	13.578	BB	548235	6583211	81.29%	4.458%
13	14.098	14.058	14.164	BB	510319	6496795	80.22%	4.400%
14	15.204	15.131	15.271	BB	471983	6423393	79.32%	4.350%
15	16.228	16.071	16.294	BB	471407	6336602	78.24%	4.291%
16	17.179	17.104	17.241	BB	453859	6247868	77.15%	4.231%
17	18.068	18.001	18.141	BB	448509	6397526	79.00%	4.332%
18	18.902	18.808	18.978	BB	436134	6321218	78.05%	4.281%
19	19.687	19.601	19.758	BB	416325	6102318	75.35%	4.133%
20	20.429	20.371	20.471	BV	376959	5671223	70.03%	3.841%
21	21.167	21.061	21.278	BB	291917	5456156	67.37%	3.695%
22	22.083	21.964	22.218	BB	206329	5373975	66.36%	3.639%
			Sum of corrected areas:			147664408		

Aliphatic EPH 032925.M Mon Mar 31 02:54:40 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
Data File : FE053059.D
Signal(s) : FID1B.ch
Acq On : 29 Mar 2025 00:39
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Mar 31 02:34:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:32:07 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)	11.895	3281499	20.000 ug/ml
Spiked Amount	50.000		Recovery =	40.00%
12) S	1-chlorooctadecane (S...	13.340	2420661	20.000 ug/ml
Spiked Amount	50.000		Recovery =	40.00%
	Target Compounds			
1) T	n-Nonane (C9)	3.241	3111803	20.000 ug/ml
2) T	n-Decane (C10)	4.502	3155729	20.000 ug/ml
3) T	A~Naphthalene (C11.7)	6.214	3393831	20.000 ug/ml
4) T	n-Dodecane (C12)	6.682	3146549	20.000 ug/ml
5) T	A~2-methylnaphthalene...	7.316	3236897	20.000 ug/ml
6) T	n-Tetradecane (C14)	8.518	3079745	20.000 ug/ml
7) T	n-Hexadecane (C16)	10.132	3110571	20.000 ug/ml
8) T	n-Octadecane (C18)	11.580	3062795	20.000 ug/ml
10) T	n-Eicosane (C20)	12.894	2878519	20.000 ug/ml
11) T	n-Heneicosane (C21)	13.508	2795775	20.000 ug/ml
13) T	n-Docosane (C22)	14.096	2757743	20.000 ug/ml
14) T	n-Tetracosane (C24)	15.201	2712592	20.000 ug/ml
15) T	n-Hexacosane (C26)	16.225	2682626	20.000 ug/ml
16) T	n-Octacosane (C28)	17.177	2644740	20.000 ug/ml
17) T	n-Tricontane (C30)	18.066	2710540	20.000 ug/ml
18) T	n-Dotriacontane (C32)	18.900	2684745	20.000 ug/ml
19) T	n-Tetratriacontane (C34)	19.686	2582519	20.000 ug/ml
20) T	n-Hexatriacontane (C36)	20.428	2358807	20.000 ug/ml
21) T	n-Octatriacontane (C38)	21.165	2301865	20.000 ug/ml
22) T	n-Tetracontane (C40)	22.078	2272435	20.000 ug/ml

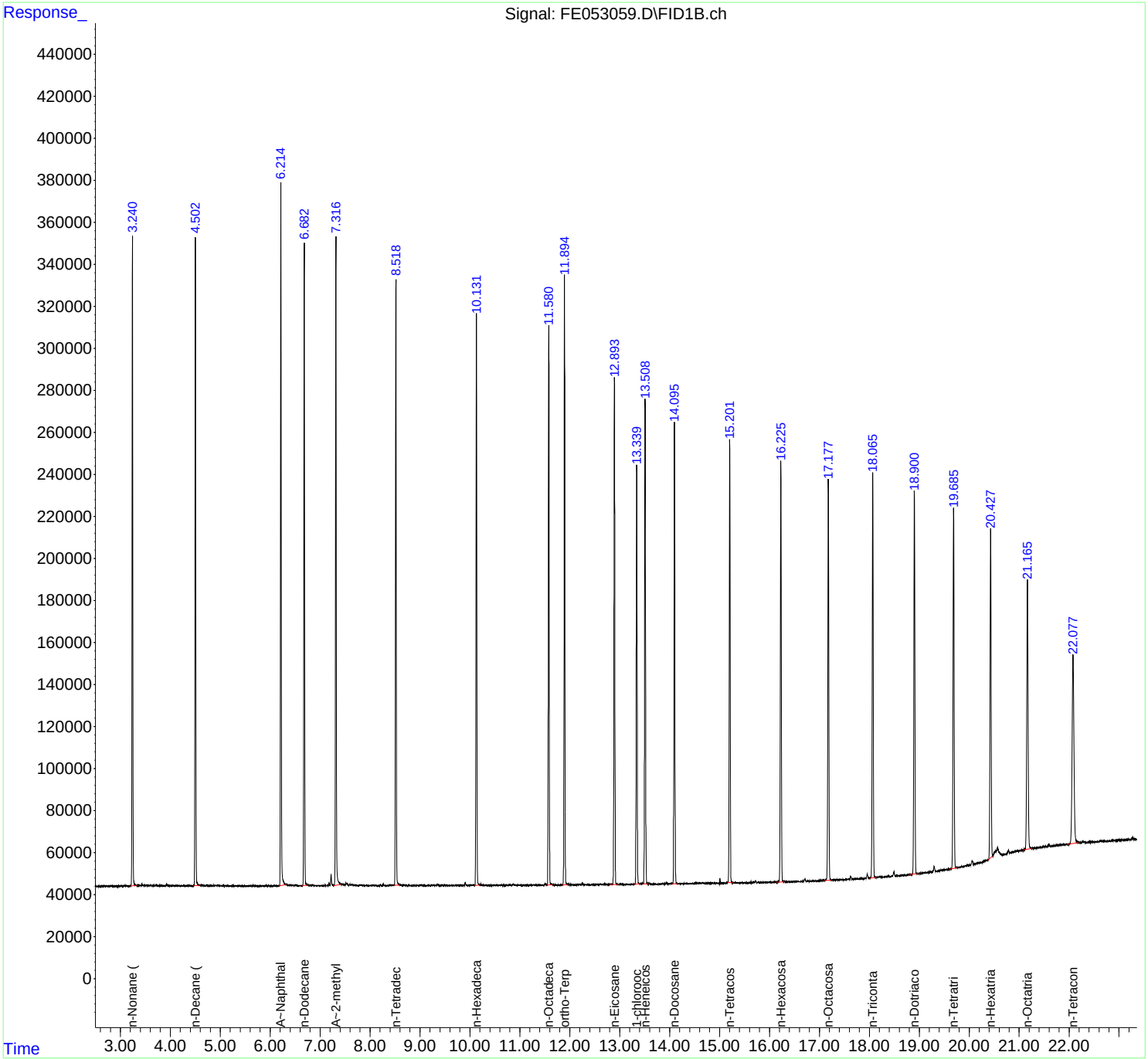
(f)=RT Delta > 1/2 Window (m)=manual int.

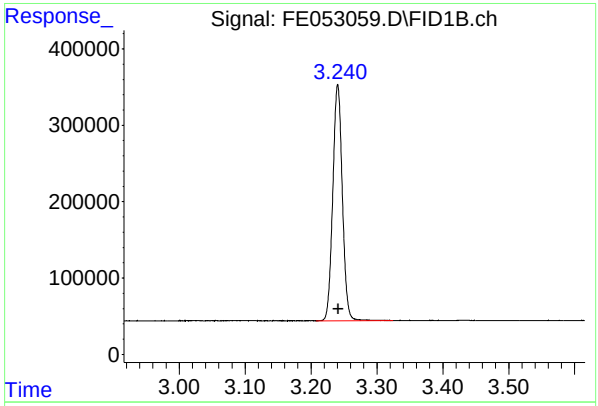
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
Data File : FE053059.D
Signal(s) : FID1B.ch
Acq On : 29 Mar 2025 00:39
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Mar 31 02:34:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:32:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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

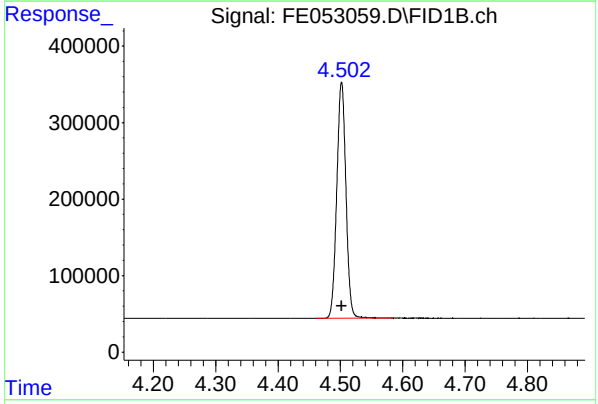




#1 n-Nonane (C9)

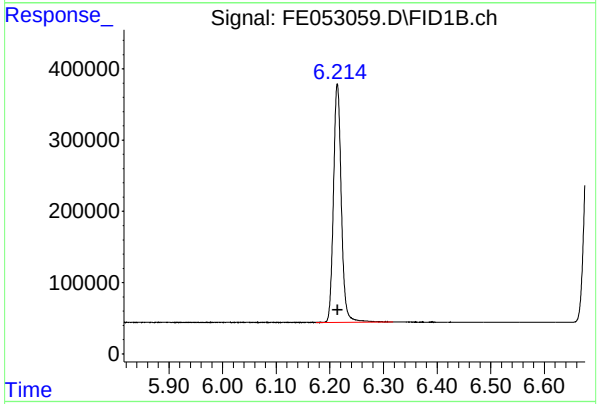
R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 3111803
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



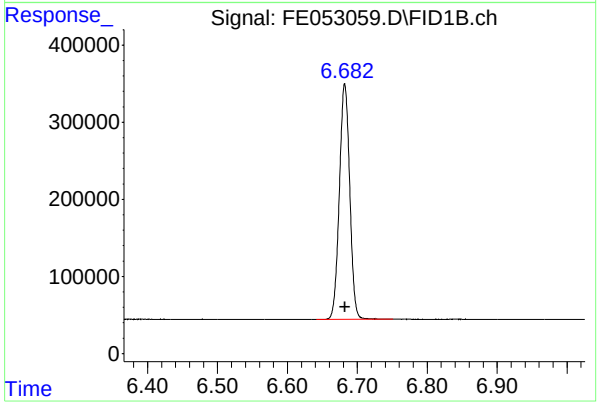
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 3155729
Conc: 20.00 ug/ml



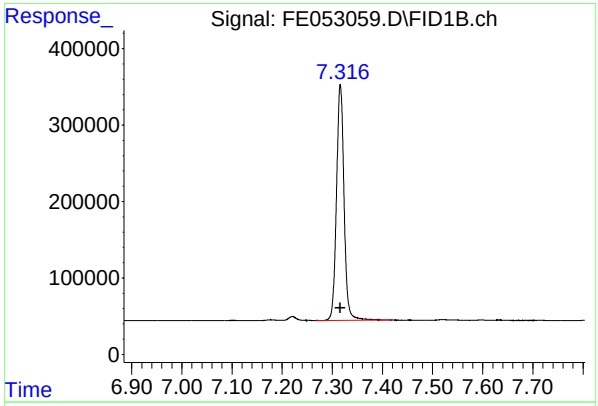
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 3393831
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

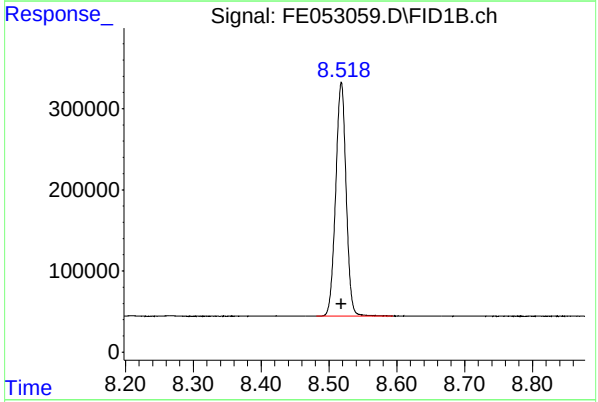
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 3146549
Conc: 20.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

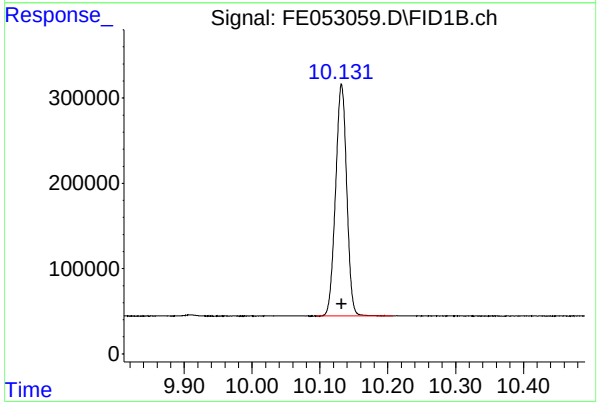
R.T.: 7.316 min
Delta R.T.: 0.000 mi
Response: 3236897
Conc: 20.00 ug/m

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



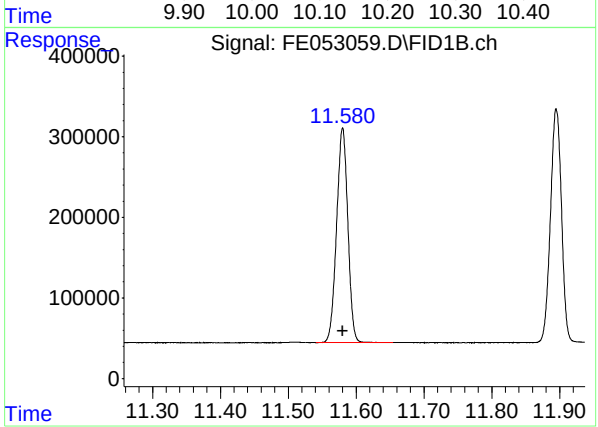
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 3079745
Conc: 20.00 ug/ml



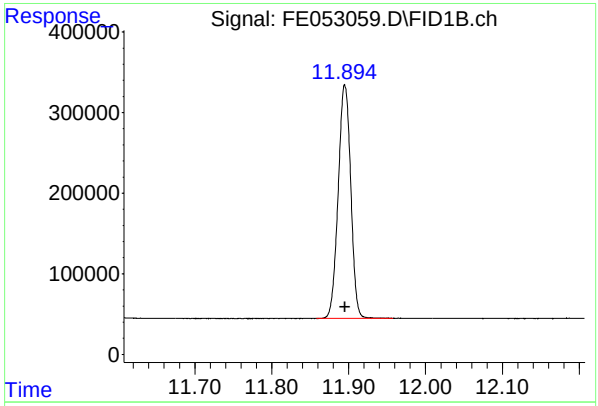
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: 0.000 min
Response: 3110571
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

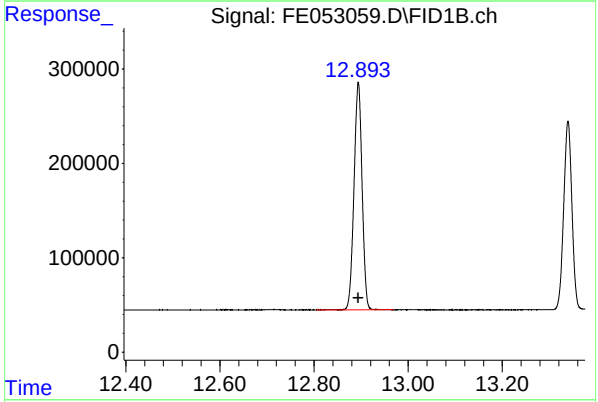
R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 3062795
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

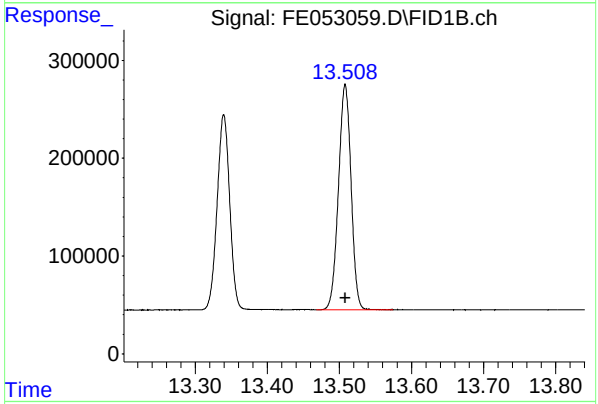
R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 3281499
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



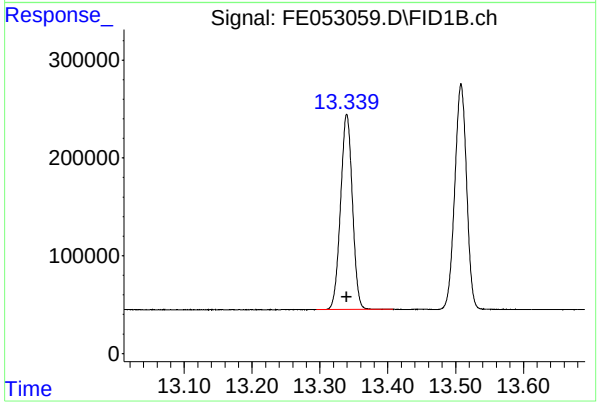
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 2878519
Conc: 20.00 ug/ml



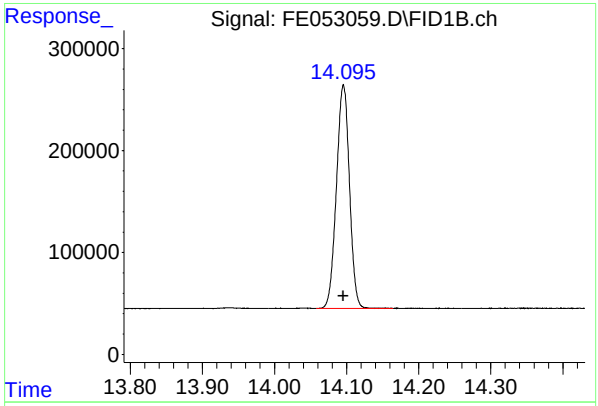
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 2795775
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

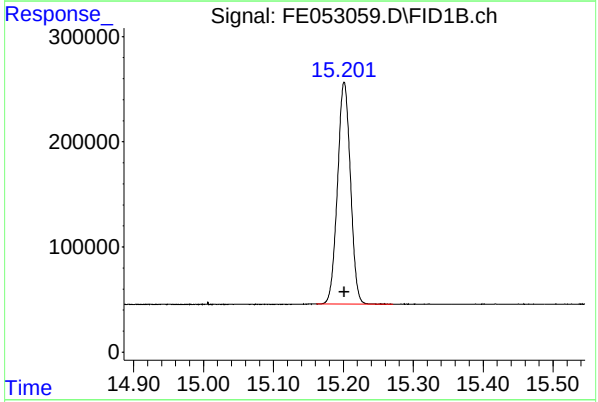
R.T.: 13.340 min
Delta R.T.: 0.000 min
Response: 2420661
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

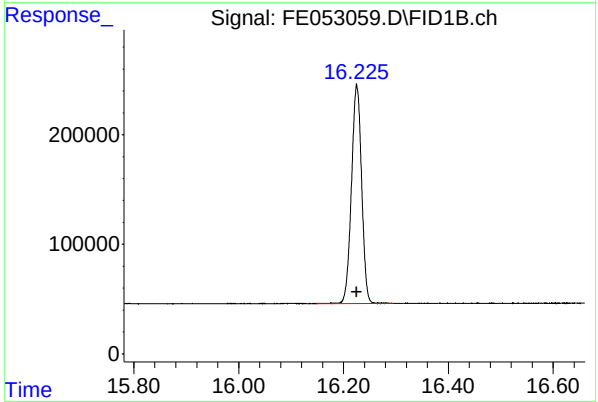
R.T.: 14.096 min
Delta R.T.: 0.000 min
Response: 2757743
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



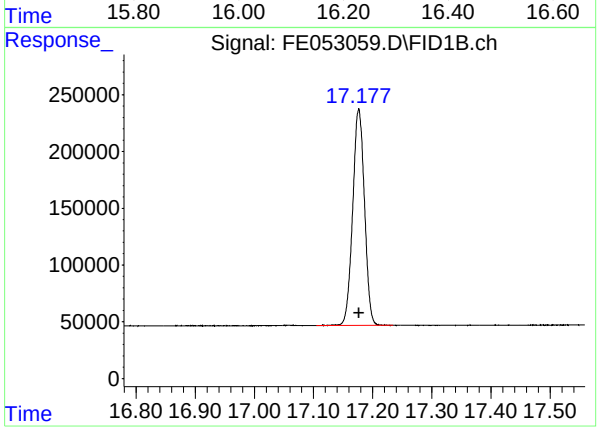
#14 n-Tetracosane (C24)

R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 2712592
Conc: 20.00 ug/ml



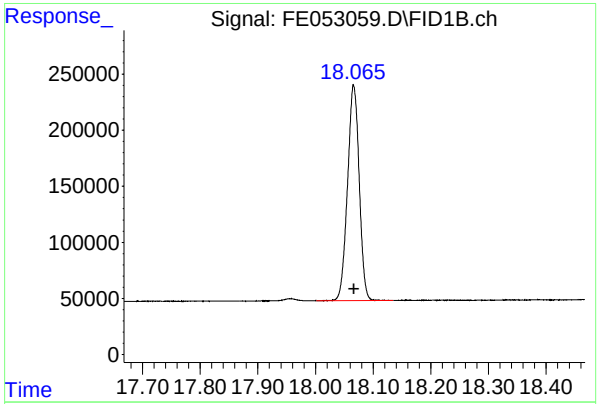
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: 0.000 min
Response: 2682626
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

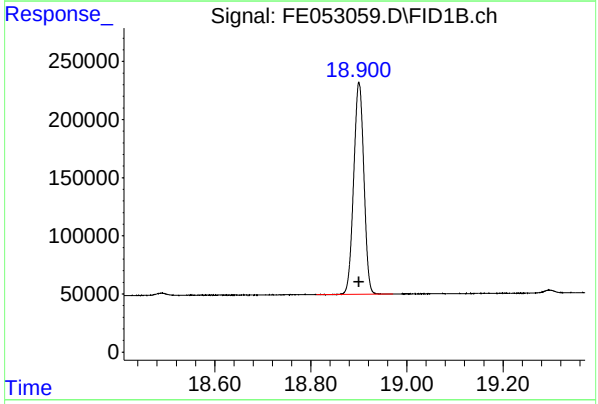
R.T.: 17.177 min
Delta R.T.: 0.000 min
Response: 2644740
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

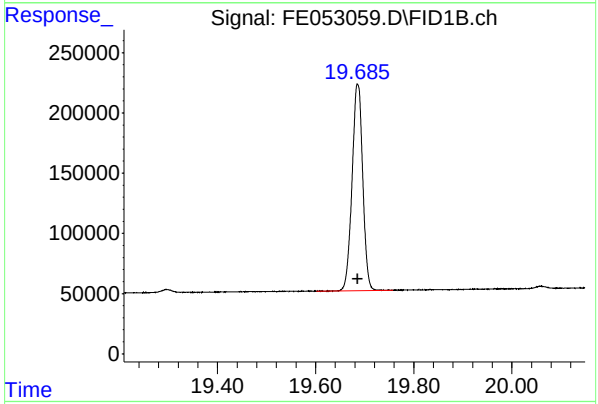
R.T.: 18.066 min
Delta R.T.: 0.000 min
Response: 2710540
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



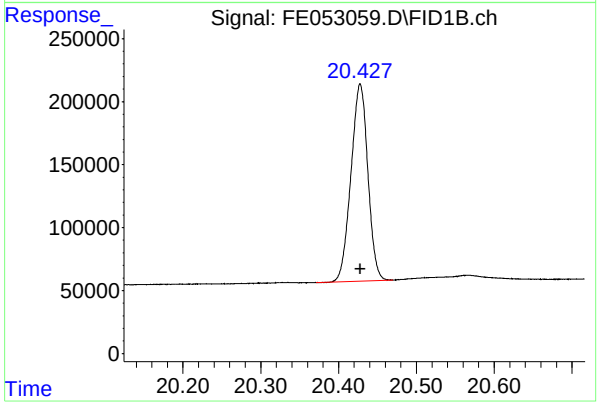
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: 0.000 min
Response: 2684745
Conc: 20.00 ug/ml



#19 n-Tetratriacontane (C34)

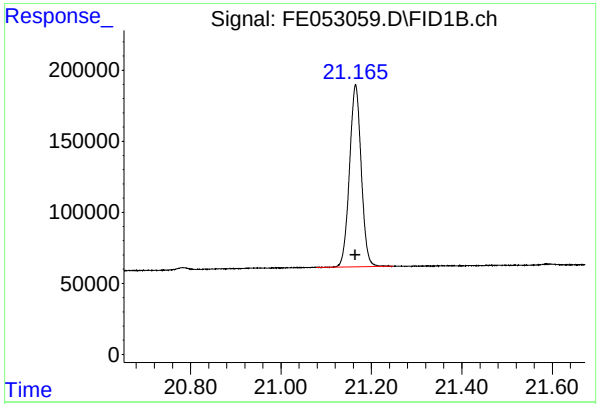
R.T.: 19.686 min
Delta R.T.: 0.000 min
Response: 2582519
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.428 min
Delta R.T.: 0.000 min
Response: 2358807
Conc: 20.00 ug/ml

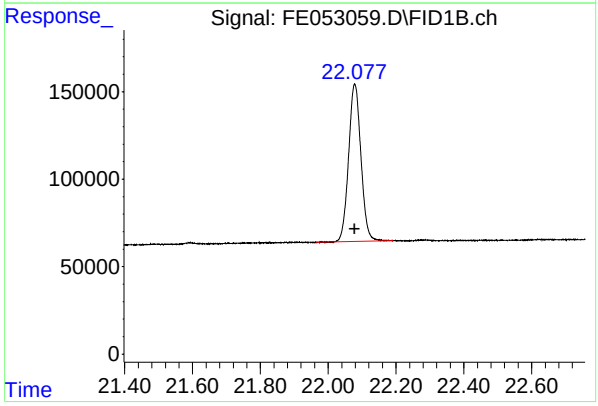
A
B
C
D
E
F
G
H
I
J



#21 n-Octatriacontane (C38)

R.T.: 21.165 min
Delta R.T.: 0.000 min
Response: 2301865
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.078 min
Delta R.T.: 0.000 min
Response: 2272435
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
Data File : FE053059.D
Signal(s) : FID1B.ch
Acq On : 29 Mar 2025 00:39
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	3.241	3.208	3.324	BB	309165	3111803	91.69%	4.988%
2	4.502	4.461	4.584	BB	308263	3155729	92.98%	5.059%
3	6.214	6.174	6.318	BB	334440	3393831	100.00%	5.440%
4	6.682	6.641	6.751	BB	304978	3146549	92.71%	5.044%
5	7.316	7.268	7.421	BB	306695	3236897	95.38%	5.189%
6	8.518	8.481	8.594	BB	287229	3079745	90.75%	4.937%
7	10.132	10.094	10.208	BB	271253	3110571	91.65%	4.986%
8	11.580	11.541	11.654	BB	266239	3062795	90.25%	4.910%
9	11.895	11.858	11.958	BB	290384	3281499	96.69%	5.260%
10	12.894	12.804	12.968	BB	241538	2878519	84.82%	4.614%
11	13.340	13.294	13.408	BB	198901	2420661	71.33%	3.880%
12	13.508	13.468	13.574	BB	230207	2795775	82.38%	4.482%
13	14.096	14.058	14.164	BB	218932	2757743	81.26%	4.421%
14	15.201	15.161	15.271	BB	210895	2712592	79.93%	4.348%
15	16.225	16.148	16.294	BB	199133	2682626	79.04%	4.300%
16	17.177	17.104	17.234	BB	190016	2644740	77.93%	4.240%
17	18.066	18.001	18.134	BB	190688	2710540	79.87%	4.345%
18	18.900	18.811	18.971	BB	182088	2684745	79.11%	4.304%
19	19.686	19.601	19.758	BB	172550	2582519	76.09%	4.140%
20	20.428	20.371	20.470	BV	156612	2358807	69.50%	3.781%
21	21.165	21.078	21.248	BB	128151	2301865	67.82%	3.690%
22	22.078	21.964	22.191	BB	89918	2272435	66.96%	3.643%
			Sum of corrected areas:			62382986		

Aliphatic EPH 032925.M Mon Mar 31 02:54:58 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
Data File : FE053060.D
Signal(s) : FID1B.ch
Acq On : 29 Mar 2025 01:09
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Mar 31 02:34:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:32:07 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)	11.894	1754070	10.691 ug/ml
Spiked Amount	50.000		Recovery =	21.38%
12) S	1-chlorooctadecane (S...	13.338	1286263	10.627 ug/ml
Spiked Amount	50.000		Recovery =	21.25%
	Target Compounds			
1) T	n-Nonane (C9)	3.242	1669873	10.733 ug/ml
2) T	n-Decane (C10)	4.502	1694240	10.738 ug/ml
3) T	A~Naphthalene (C11.7)	6.214	1806985	10.649 ug/ml
4) T	n-Dodecane (C12)	6.681	1686577	10.720 ug/ml
5) T	A~2-methylnaphthalene...	7.316	1711131	10.573 ug/ml
6) T	n-Tetradecane (C14)	8.517	1648070	10.703 ug/ml
7) T	n-Hexadecane (C16)	10.131	1659167	10.668 ug/ml
8) T	n-Octadecane (C18)	11.579	1633136	10.664 ug/ml
10) T	n-Eicosane (C20)	12.893	1532254	10.646 ug/ml
11) T	n-Heneicosane (C21)	13.507	1494607	10.692 ug/ml
13) T	n-Docosane (C22)	14.094	1475376	10.700 ug/ml
14) T	n-Tetracosane (C24)	15.201	1459470	10.761 ug/ml
15) T	n-Hexacosane (C26)	16.225	1436028	10.706 ug/ml
16) T	n-Octacosane (C28)	17.175	1426366	10.786 ug/ml
17) T	n-Tricontane (C30)	18.065	1462648	10.792 ug/ml
18) T	n-Dotriacontane (C32)	18.899	1459482	10.872 ug/ml
19) T	n-Tetratriacontane (C34)	19.683	1399687	10.840 ug/ml
20) T	n-Hexatriacontane (C36)	20.425	1274690	10.808 ug/ml
21) T	n-Octatriacontane (C38)	21.163	1238066	10.757 ug/ml
22) T	n-Tetracontane (C40)	22.076	1209126	10.642 ug/ml

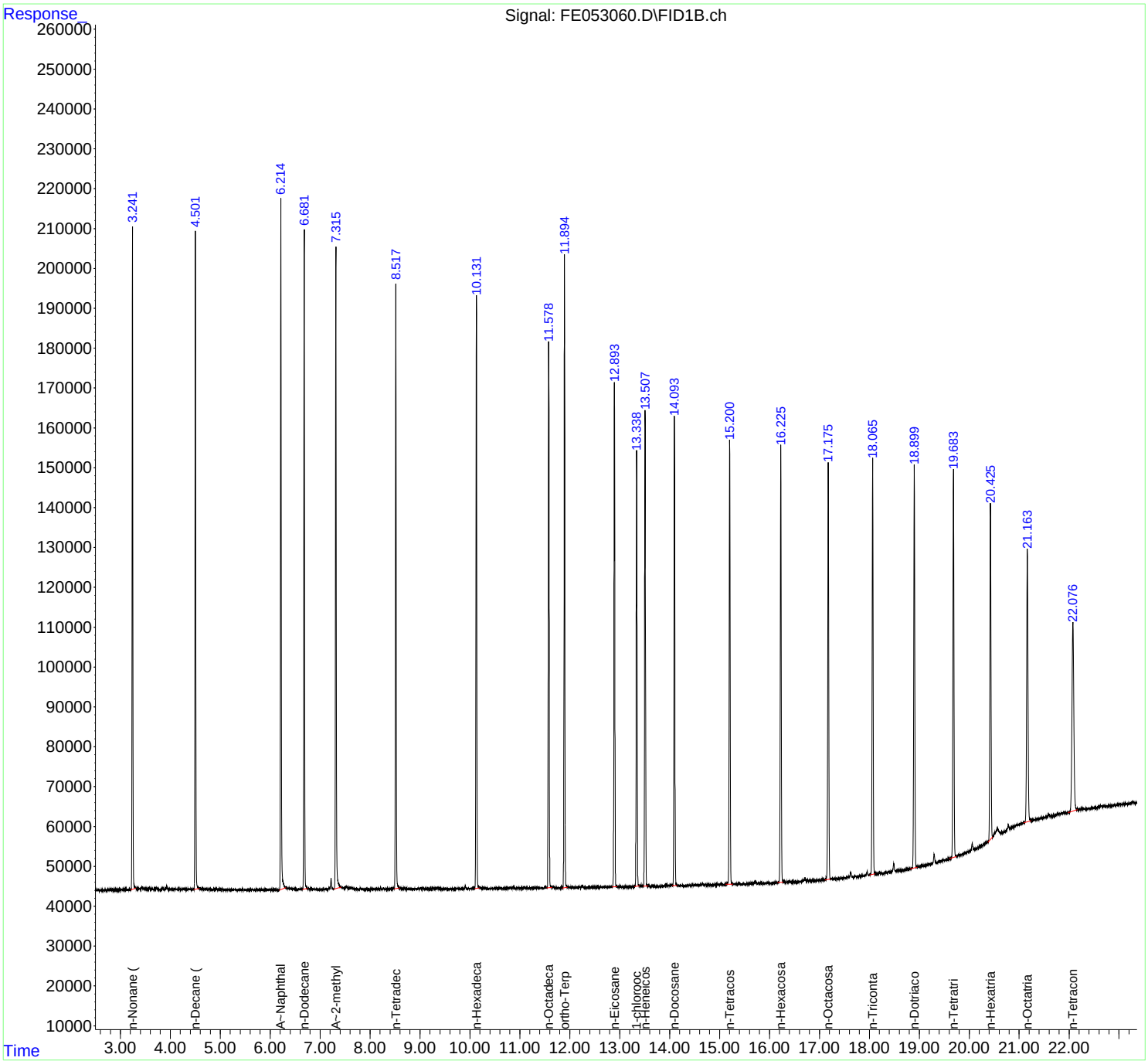
(f)=RT Delta > 1/2 Window (m)=manual int.

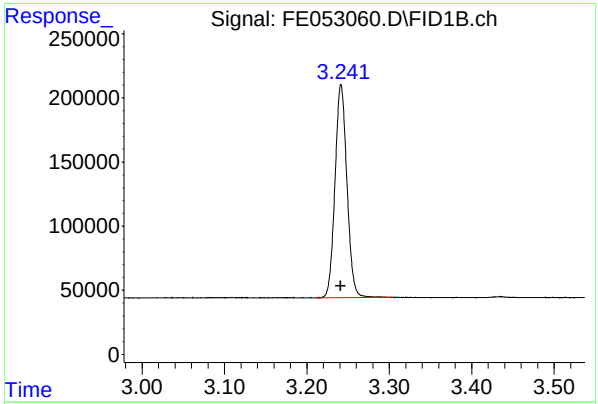
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
Data File : FE053060.D
Signal(s) : FID1B.ch
Acq On : 29 Mar 2025 01:09
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Mar 31 02:34:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:32:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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

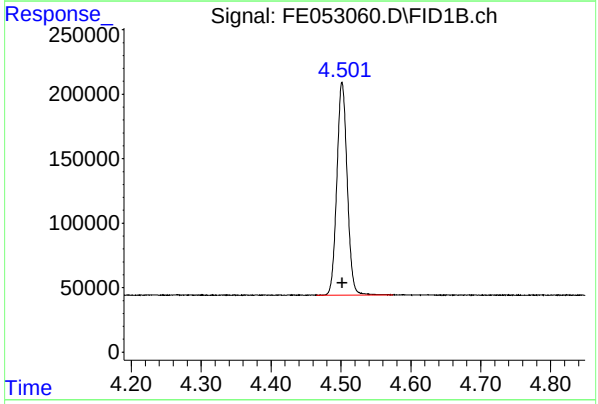




#1 n-Nonane (C9)

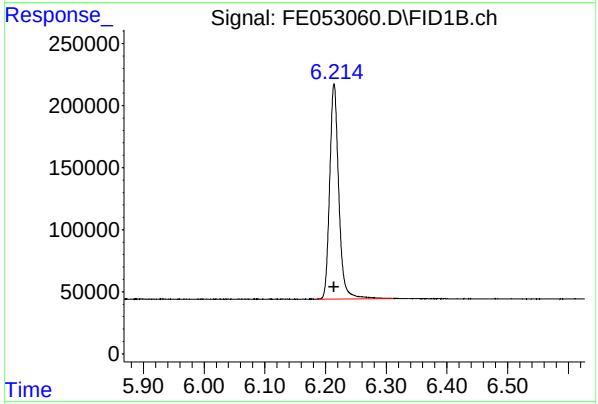
R.T.: 3.242 min
Delta R.T.: 0.000 min
Response: 1669873
Conc: 10.73 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



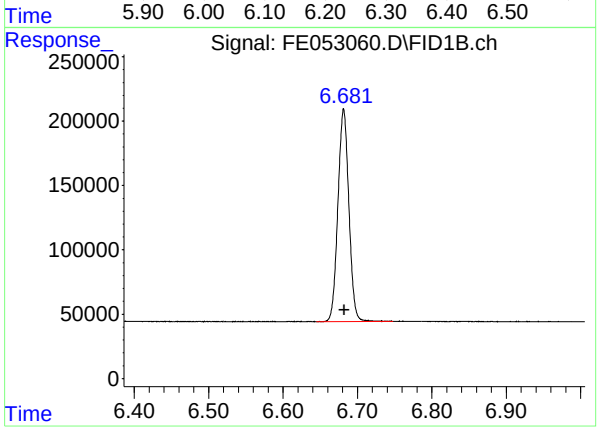
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 1694240
Conc: 10.74 ug/ml



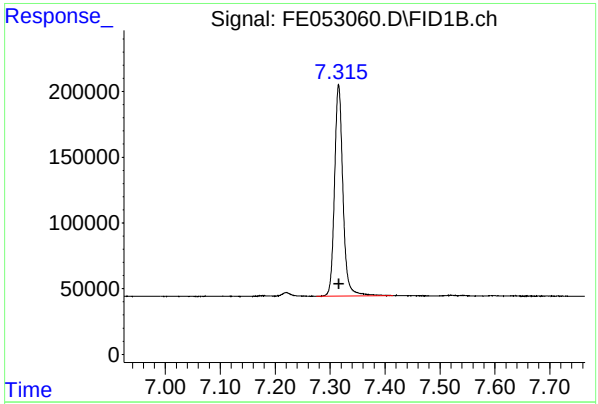
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 1806985
Conc: 10.65 ug/ml



#4 n-Dodecane (C12)

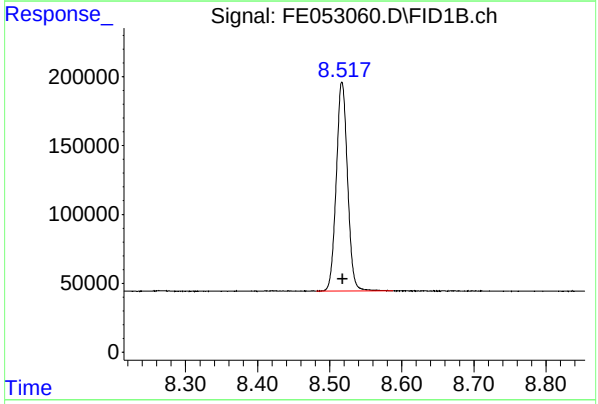
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 1686577
Conc: 10.72 ug/ml



#5 A~2-methylnaphthalene (C12.89)

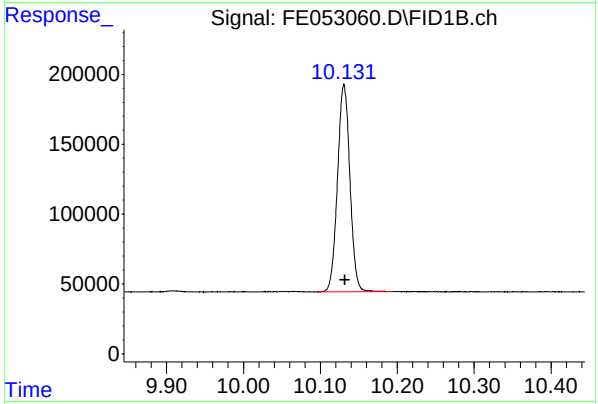
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 1711131
Conc: 10.57 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



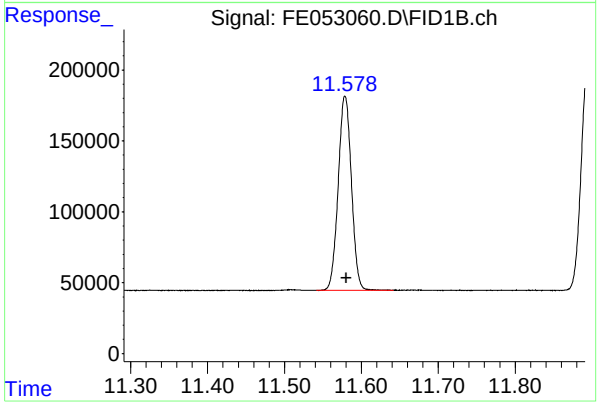
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 1648070
Conc: 10.70 ug/ml



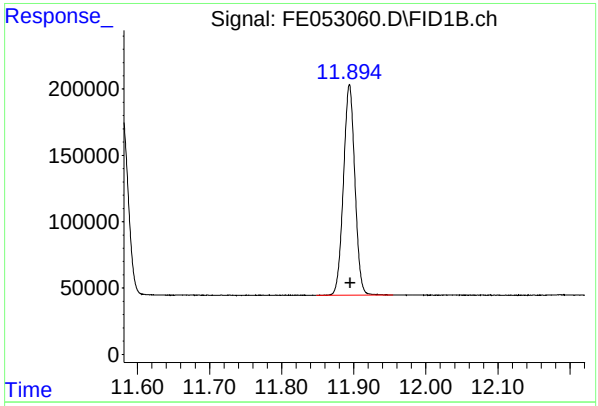
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: -0.001 min
Response: 1659167
Conc: 10.67 ug/ml



#8 n-Octadecane (C18)

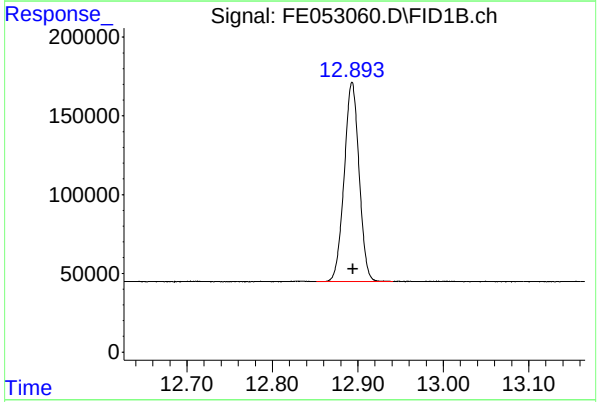
R.T.: 11.579 min
Delta R.T.: -0.001 min
Response: 1633136
Conc: 10.66 ug/ml



#9 ortho-Terphenyl (SURR)

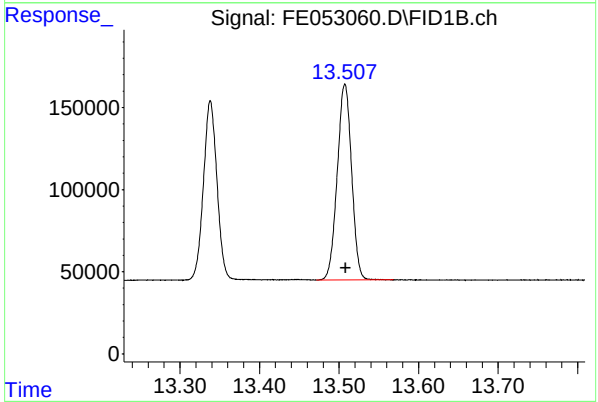
R.T.: 11.894 min
Delta R.T.: -0.001 min
Response: 1754070
Conc: 10.69 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



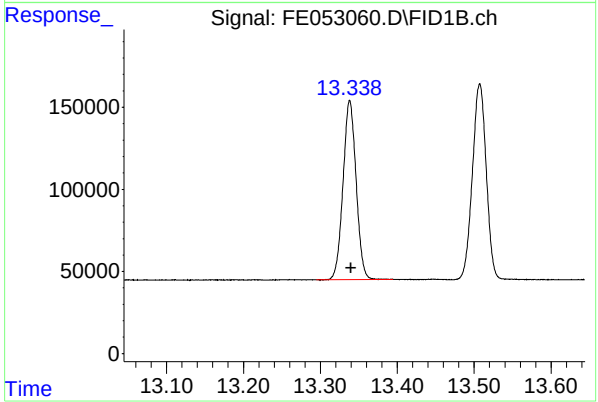
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: 0.000 min
Response: 1532254
Conc: 10.65 ug/ml



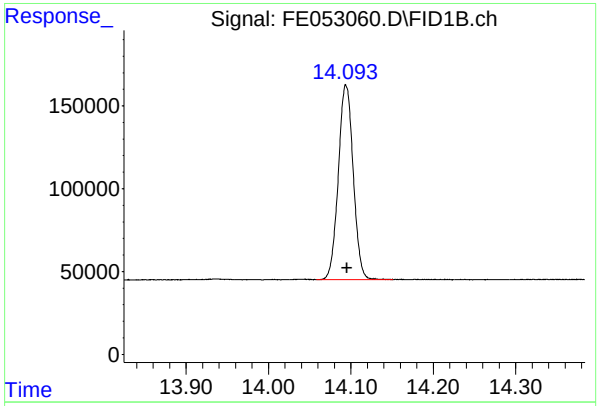
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: 0.000 min
Response: 1494607
Conc: 10.69 ug/ml



#12 1-chlorooctadecane (SURR)

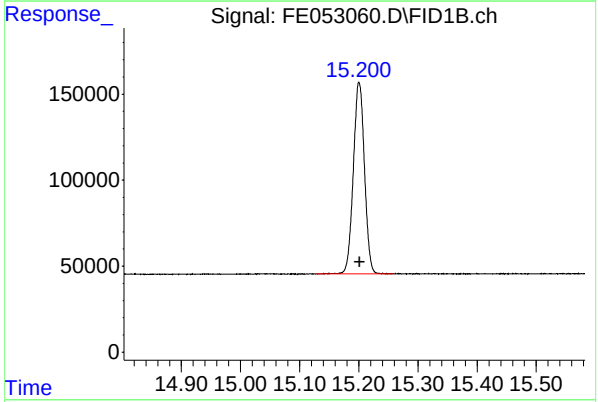
R.T.: 13.338 min
Delta R.T.: -0.001 min
Response: 1286263
Conc: 10.63 ug/ml



#13 n-Docosane (C22)

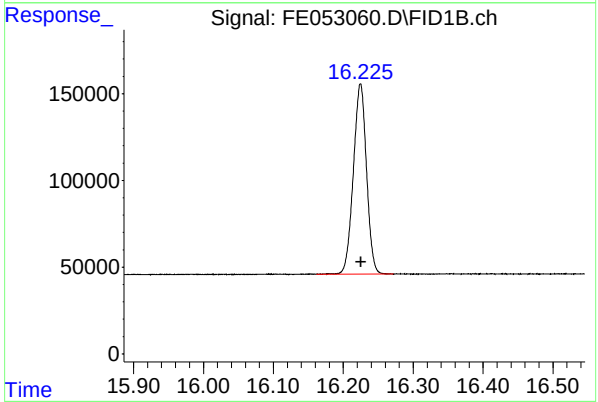
R.T.: 14.094 min
Delta R.T.: -0.001 min
Response: 1475376
Conc: 10.70 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



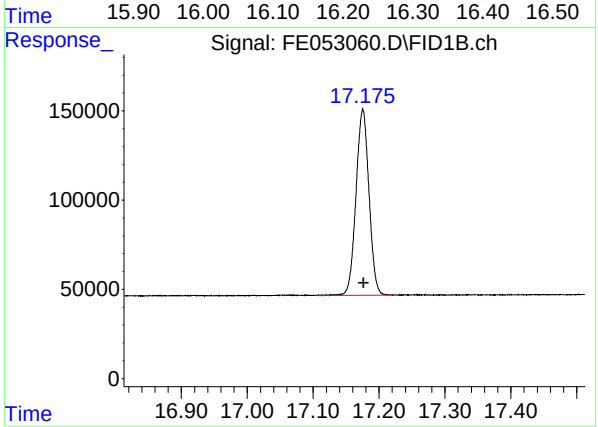
#14 n-Tetracosane (C24)

R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 1459470
Conc: 10.76 ug/ml



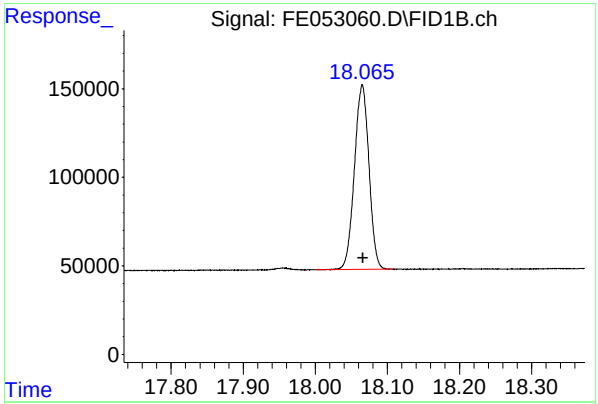
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: 0.000 min
Response: 1436028
Conc: 10.71 ug/ml



#16 n-Octacosane (C28)

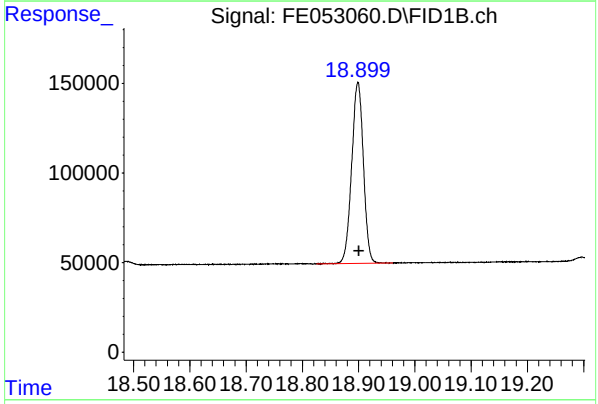
R.T.: 17.175 min
Delta R.T.: -0.001 min
Response: 1426366
Conc: 10.79 ug/ml



#17 n-Tricontane (C30)

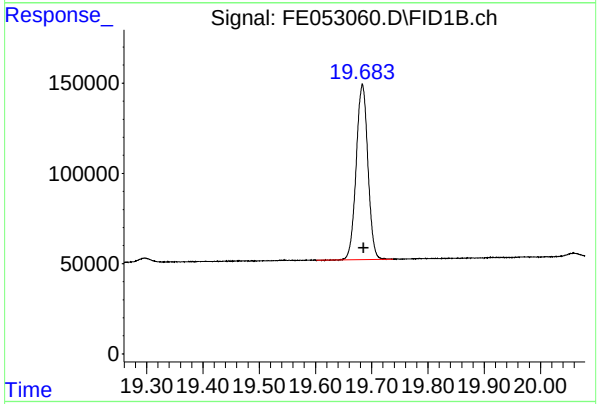
R.T.: 18.065 min
Delta R.T.: -0.001 min
Response: 1462648
Conc: 10.79 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



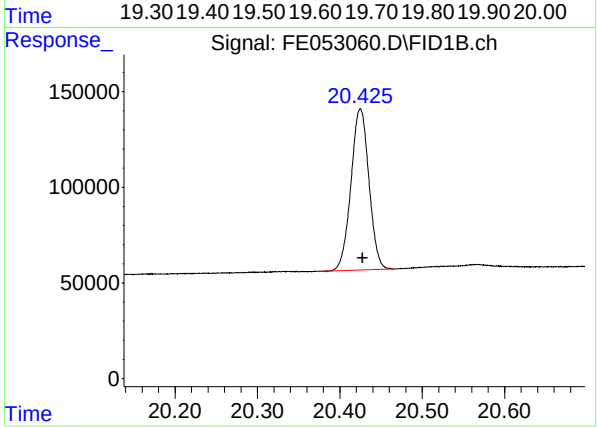
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: -0.002 min
Response: 1459482
Conc: 10.87 ug/ml



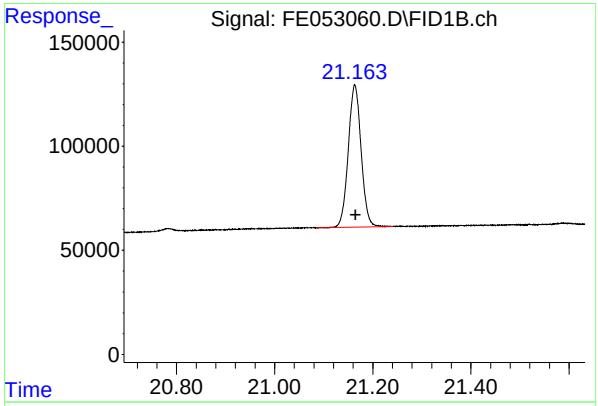
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.003 min
Response: 1399687
Conc: 10.84 ug/ml



#20 n-Hexatriacontane (C36)

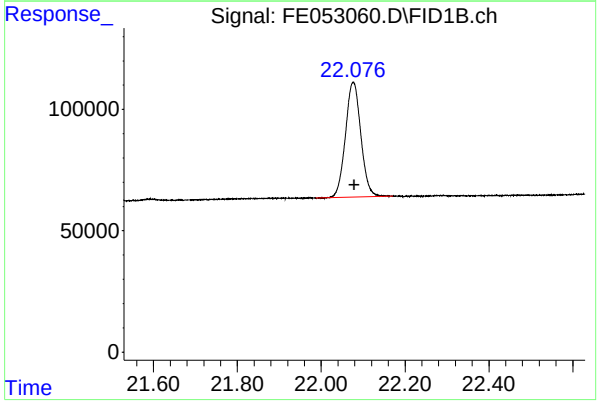
R.T.: 20.425 min
Delta R.T.: -0.003 min
Response: 1274690
Conc: 10.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.163 min
Delta R.T.: -0.002 min
Response: 1238066
Conc: 10.76 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.076 min
Delta R.T.: -0.002 min
Response: 1209126
Conc: 10.64 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
Data File : FE053060.D
Signal(s) : FID1B.ch
Acq On : 29 Mar 2025 01:09
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	3.242	3.211	3.304	BB	165985	1669873	92.41%	4.997%
2	4.502	4.464	4.574	BB	165117	1694240	93.76%	5.070%
3	6.214	6.184	6.311	BB	173154	1806985	100.00%	5.407%
4	6.681	6.644	6.748	BB	164386	1686577	93.34%	5.047%
5	7.316	7.274	7.414	BB	160183	1711131	94.70%	5.120%
6	8.517	8.481	8.588	BB	151398	1648070	91.21%	4.932%
7	10.131	10.094	10.194	BB	147920	1659167	91.82%	4.965%
8	11.579	11.541	11.641	BB	137435	1633136	90.38%	4.887%
9	11.894	11.848	11.954	BB	158742	1754070	97.07%	5.249%
10	12.893	12.851	12.941	BB	126209	1532254	84.80%	4.585%
11	13.338	13.294	13.394	BB	109079	1286263	71.18%	3.849%
12	13.507	13.471	13.568	BB	119250	1494607	82.71%	4.473%
13	14.094	14.058	14.151	BB	117423	1475376	81.65%	4.415%
14	15.201	15.128	15.258	BB	111247	1459470	80.77%	4.367%
15	16.225	16.161	16.271	BB	110050	1436028	79.47%	4.297%
16	17.175	17.104	17.221	BB	103728	1426366	78.94%	4.268%
17	18.065	18.001	18.108	BB	103698	1462648	80.94%	4.377%
18	18.899	18.824	18.961	BB	100803	1459482	80.77%	4.367%
19	19.683	19.601	19.738	BB	97114	1399687	77.46%	4.189%
20	20.425	20.371	20.464	BV	84158	1274690	70.54%	3.814%
21	21.163	21.084	21.241	BB	68275	1238066	68.52%	3.705%
22	22.076	21.988	22.171	BB	47375	1209126	66.91%	3.618%
			Sum of corrected areas:			33417311		

Aliphatic EPH 032925.M Mon Mar 31 02:55:18 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
Data File : FE053061.D
Signal(s) : FID1B.ch
Acq On : 29 Mar 2025 01:39
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Mar 31 02:34:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:32:07 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)	11.893	844490	5.147 ug/ml
Spiked Amount	50.000	Recovery =	10.29%	
12)	S 1-chlorooctadecane (S...	13.338	616281	5.092 ug/ml
Spiked Amount	50.000	Recovery =	10.18%	
	Target Compounds			
1)	T n-Nonane (C9)	3.241	794168	5.104 ug/ml
2)	T n-Decane (C10)	4.502	801078	5.077 ug/ml
3)	T A~Naphthalene (C11.7)	6.214	844127	4.974 ug/ml
4)	T n-Dodecane (C12)	6.681	799896	5.084 ug/ml
5)	T A~2-methylnaphthalene...	7.316	794430	4.909 ug/ml
6)	T n-Tetradecane (C14)	8.516	791912	5.143 ug/ml
7)	T n-Hexadecane (C16)	10.130	796849	5.123 ug/ml
8)	T n-Octadecane (C18)	11.578	786402	5.135 ug/ml
10)	T n-Eicosane (C20)	12.892	743598	5.167 ug/ml
11)	T n-Heneicosane (C21)	13.506	721765	5.163 ug/ml
13)	T n-Docosane (C22)	14.094	712566	5.168 ug/ml
14)	T n-Tetracosane (C24)	15.200	699097	5.154 ug/ml
15)	T n-Hexacosane (C26)	16.224	694483	5.178 ug/ml
16)	T n-Octacosane (C28)	17.175	690349	5.221 ug/ml
17)	T n-Tricontane (C30)	18.064	715799	5.282 ug/ml
18)	T n-Dotriacontane (C32)	18.898	714056	5.319 ug/ml
19)	T n-Tetratriacontane (C34)	19.684	684498	5.301 ug/ml
20)	T n-Hexatriacontane (C36)	20.425	622561	5.279 ug/ml
21)	T n-Octatriacontane (C38)	21.164	600593	5.218 ug/ml
22)	T n-Tetracontane (C40)	22.078	581004	5.113 ug/ml

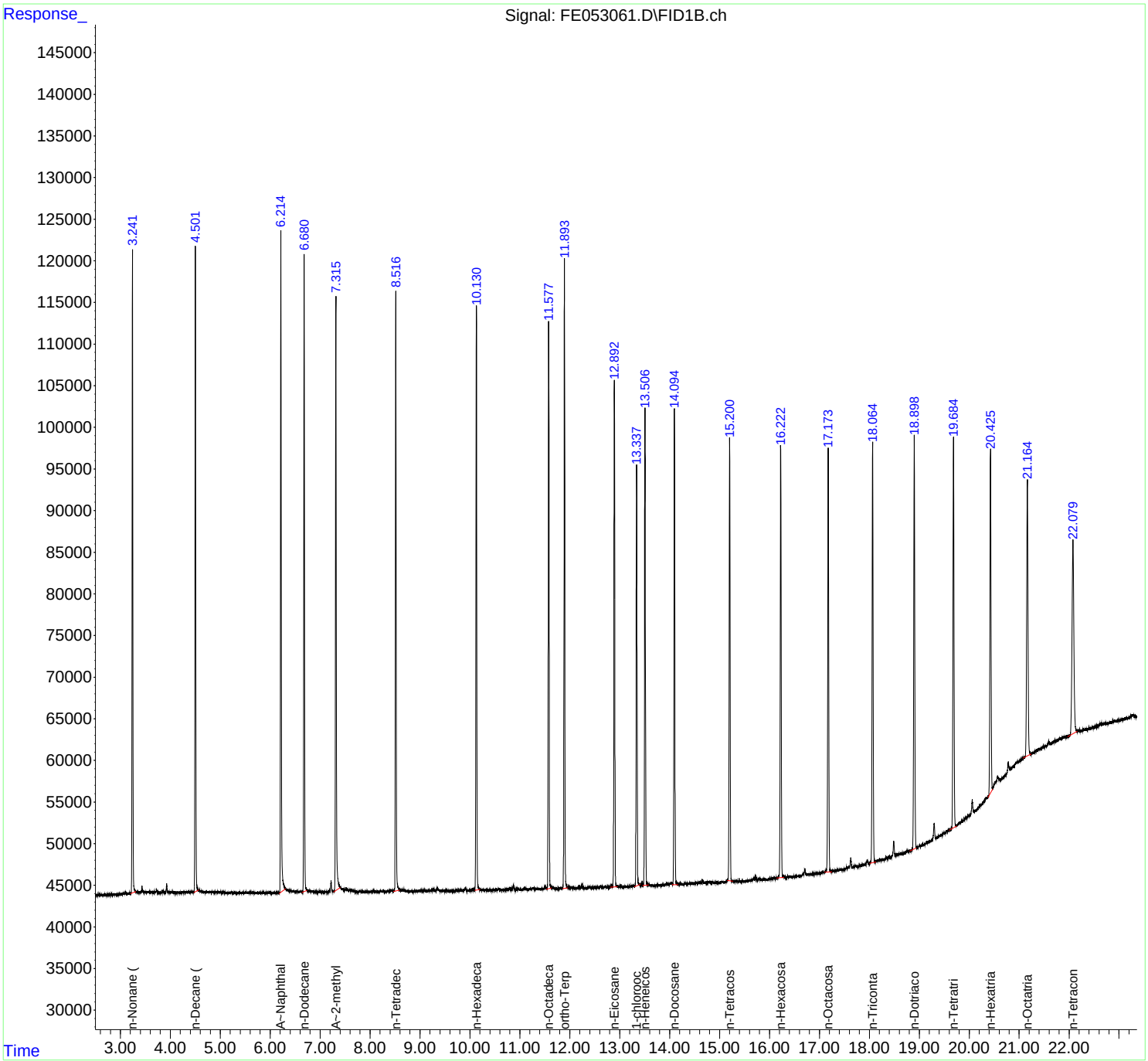
(f)=RT Delta > 1/2 Window (m)=manual int.

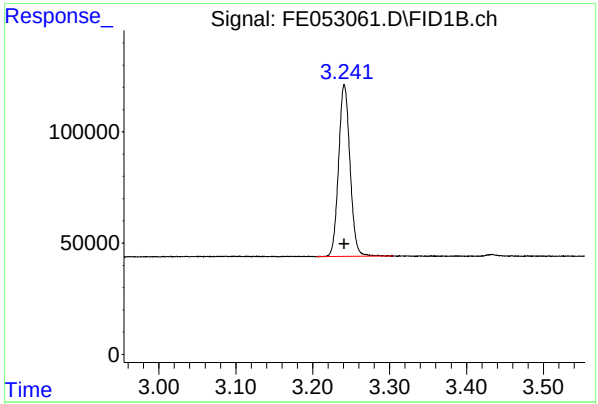
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
Data File : FE053061.D
Signal(s) : FID1B.ch
Acq On : 29 Mar 2025 01:39
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Mar 31 02:34:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:32:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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

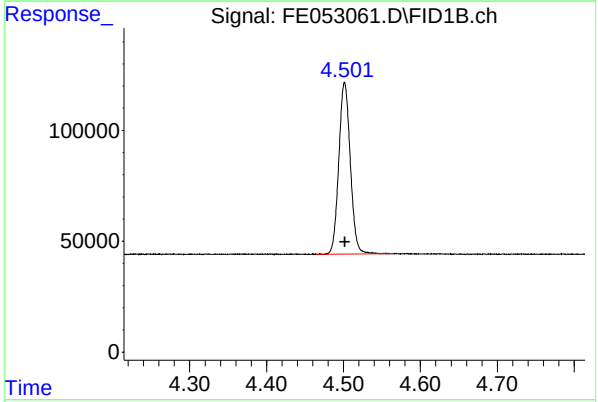




#1 n-Nonane (C9)

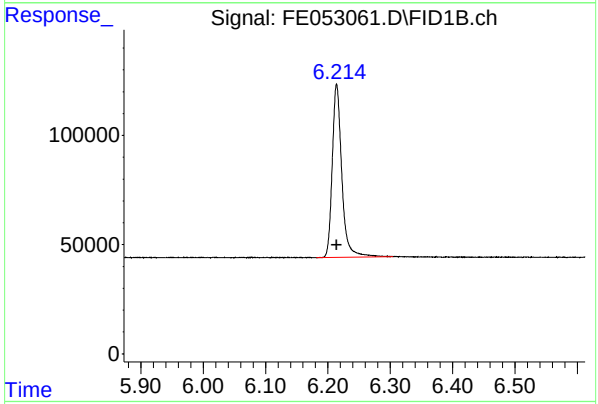
R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 794168
Conc: 5.10 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



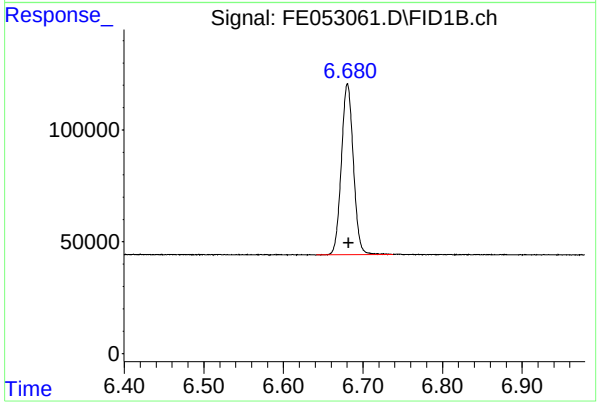
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 801078
Conc: 5.08 ug/ml



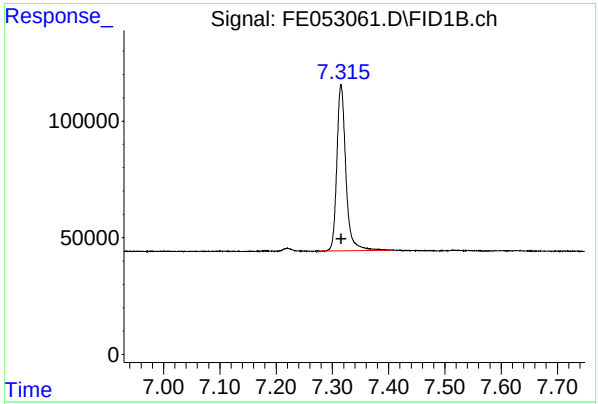
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 844127
Conc: 4.97 ug/ml



#4 n-Dodecane (C12)

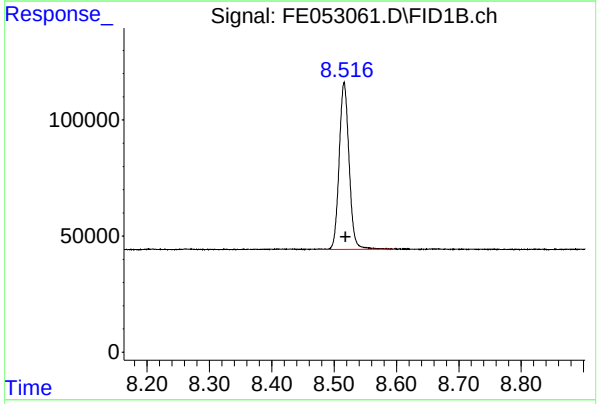
R.T.: 6.681 min
Delta R.T.: -0.001 min
Response: 799896
Conc: 5.08 ug/ml



#5 A~2-methylnaphthalene (C12.89)

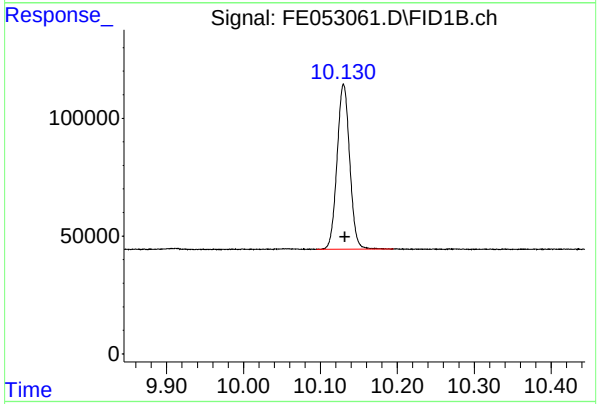
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 794430
Conc: 4.91 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



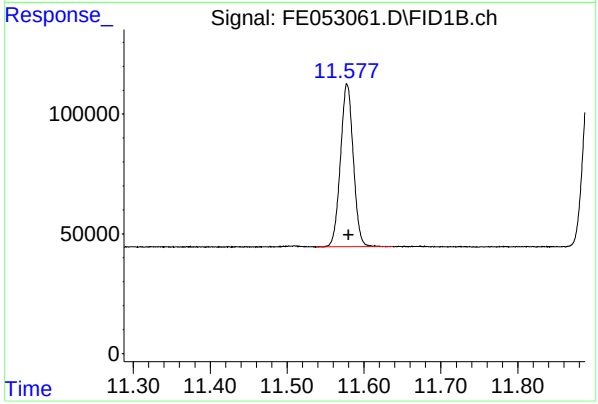
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 791912
Conc: 5.14 ug/ml



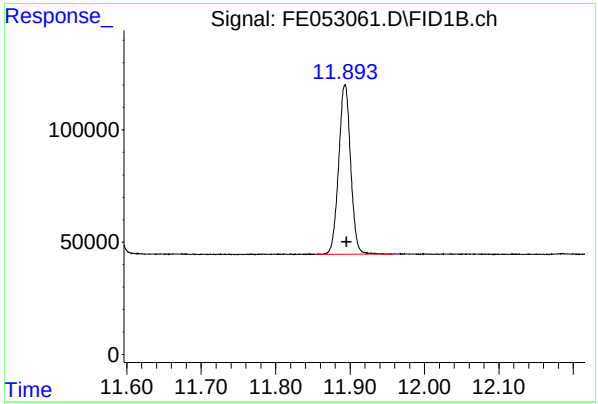
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.002 min
Response: 796849
Conc: 5.12 ug/ml



#8 n-Octadecane (C18)

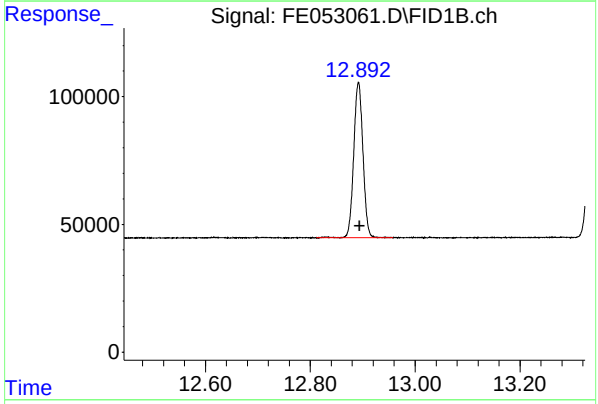
R.T.: 11.578 min
Delta R.T.: -0.002 min
Response: 786402
Conc: 5.14 ug/ml



#9 ortho-Terphenyl (SURR)

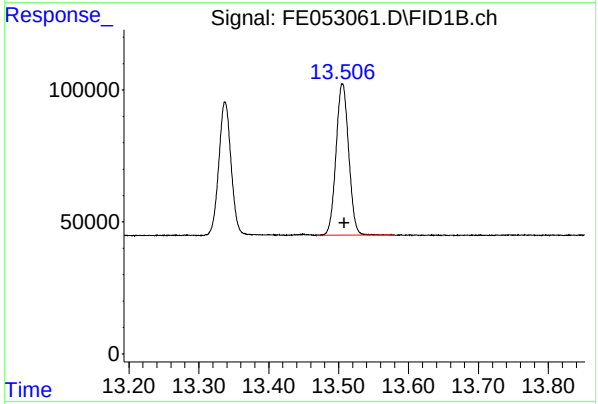
R.T.: 11.893 min
Delta R.T.: -0.002 min
Response: 844490
Conc: 5.15 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



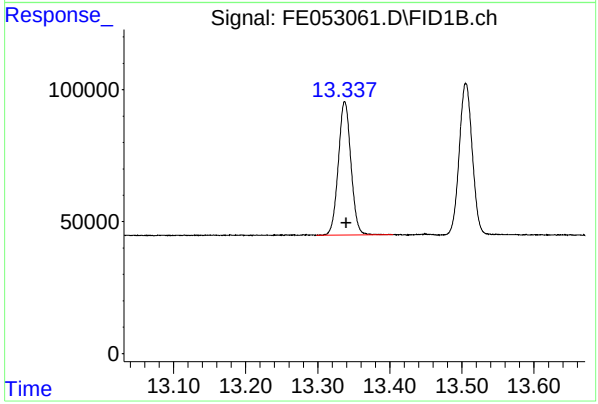
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.002 min
Response: 743598
Conc: 5.17 ug/ml



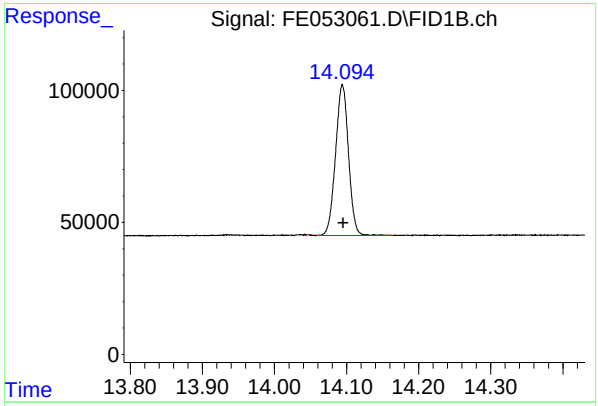
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.003 min
Response: 721765
Conc: 5.16 ug/ml



#12 1-chlorooctadecane (SURR)

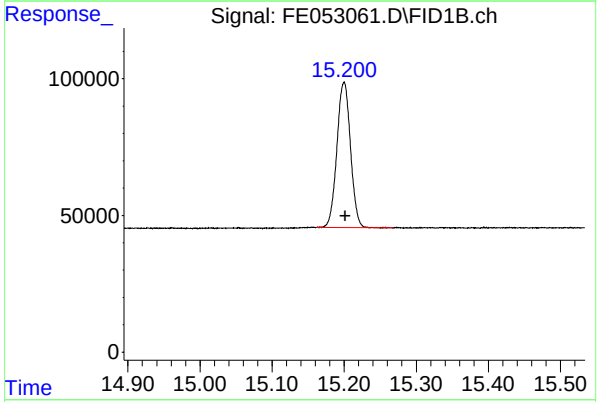
R.T.: 13.338 min
Delta R.T.: -0.002 min
Response: 616281
Conc: 5.09 ug/ml



#13 n-Docosane (C22)

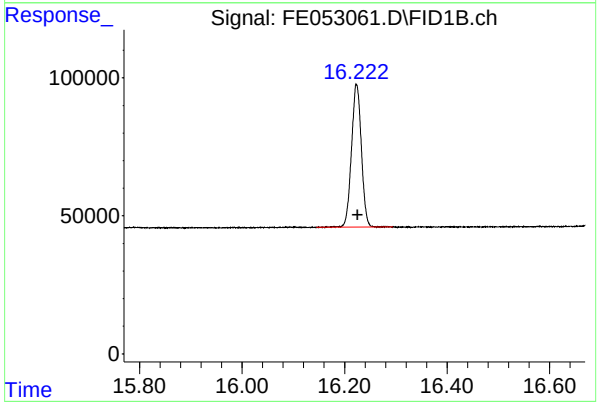
R.T.: 14.094 min
Delta R.T.: -0.001 min
Response: 712566
Conc: 5.17 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



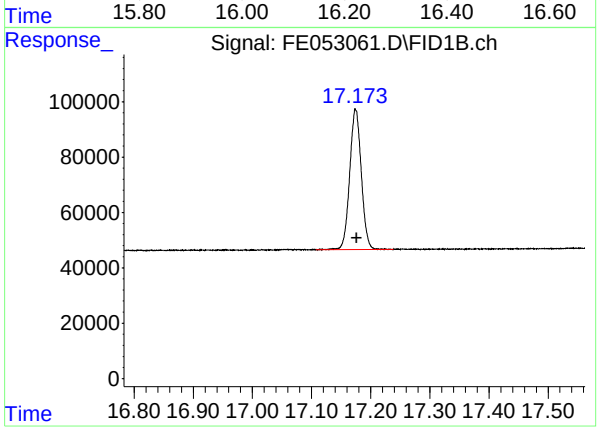
#14 n-Tetracosane (C24)

R.T.: 15.200 min
Delta R.T.: -0.002 min
Response: 699097
Conc: 5.15 ug/ml



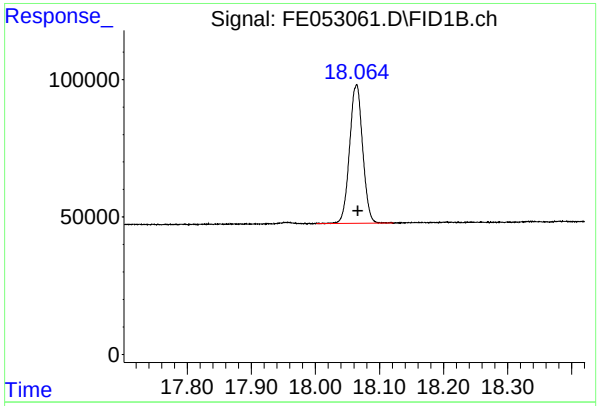
#15 n-Hexacosane (C26)

R.T.: 16.224 min
Delta R.T.: -0.002 min
Response: 694483
Conc: 5.18 ug/ml



#16 n-Octacosane (C28)

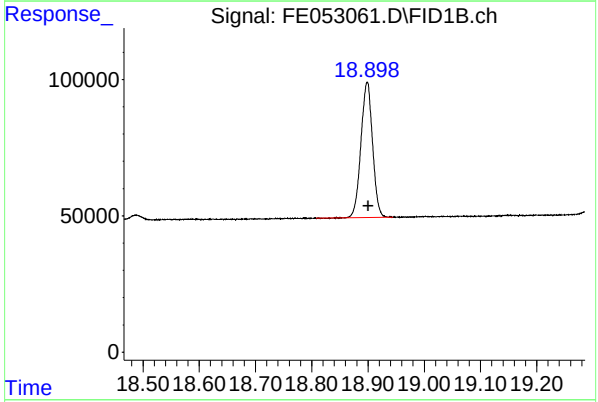
R.T.: 17.175 min
Delta R.T.: -0.002 min
Response: 690349
Conc: 5.22 ug/ml



#17 n-Tricontane (C30)

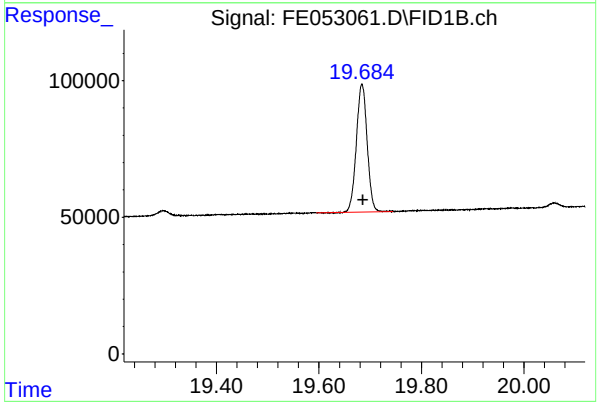
R.T.: 18.064 min
Delta R.T.: -0.003 min
Response: 715799
Conc: 5.28 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



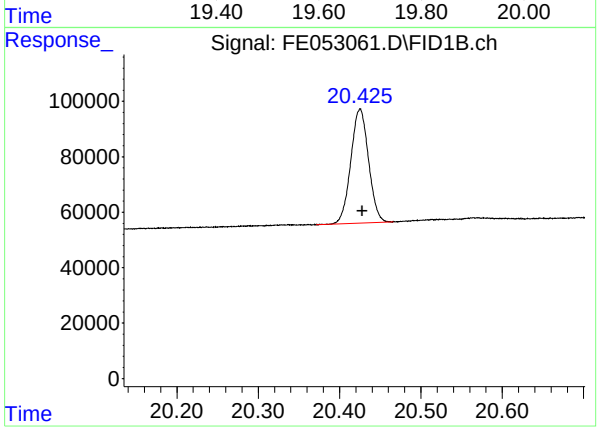
#18 n-Dotriacontane (C32)

R.T.: 18.898 min
Delta R.T.: -0.002 min
Response: 714056
Conc: 5.32 ug/ml



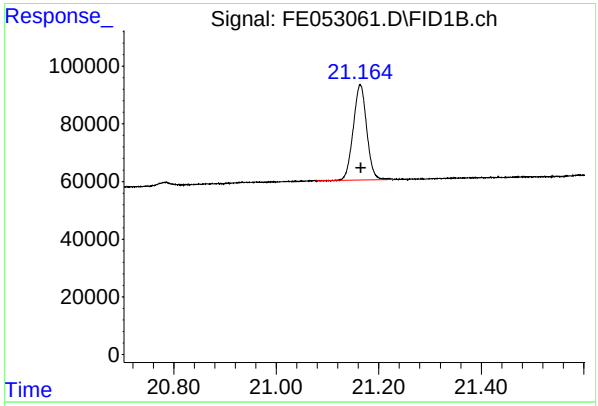
#19 n-Tetratriacontane (C34)

R.T.: 19.684 min
Delta R.T.: -0.002 min
Response: 684498
Conc: 5.30 ug/ml



#20 n-Hexatriacontane (C36)

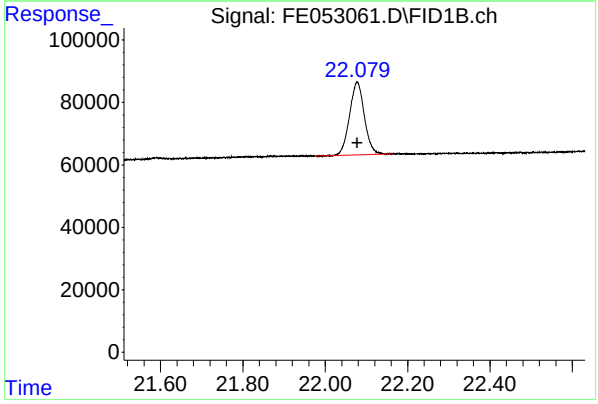
R.T.: 20.425 min
Delta R.T.: -0.003 min
Response: 622561
Conc: 5.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: -0.001 min
Response: 600593
Conc: 5.22 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.078 min
Delta R.T.: 0.000 min
Response: 581004
Conc: 5.11 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
Data File : FE053061.D
Signal(s) : FID1B.ch
Acq On : 29 Mar 2025 01:39
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	3.241	3.204	3.304	BB	77074	794168	94.04%	4.948%
2	4.502	4.464	4.564	BB	77264	801078	94.86%	4.991%
3	6.214	6.181	6.304	BB	78955	844127	99.96%	5.259%
4	6.681	6.641	6.738	BB	76341	799896	94.72%	4.984%
5	7.316	7.271	7.408	BB	71052	794430	94.07%	4.950%
6	8.516	8.471	8.594	BB	71071	791912	93.77%	4.934%
7	10.130	10.094	10.194	BB	70015	796849	94.36%	4.965%
8	11.578	11.538	11.638	BB	68076	786402	93.12%	4.900%
9	11.893	11.854	11.958	BB	75731	844490	100.00%	5.262%
10	12.892	12.811	12.958	BB	60616	743598	88.05%	4.633%
11	13.338	13.298	13.404	BB	50582	616281	72.98%	3.840%
12	13.506	13.468	13.578	BB	57477	721765	85.47%	4.497%
13	14.094	14.058	14.164	BB	56992	712566	84.38%	4.440%
14	15.200	15.161	15.268	BB	53478	699097	82.78%	4.356%
15	16.224	16.144	16.294	BB	51607	694483	82.24%	4.327%
16	17.175	17.108	17.238	BB	50763	690349	81.75%	4.301%
17	18.064	18.001	18.121	BB	50502	715799	84.76%	4.460%
18	18.898	18.808	18.944	BB	49727	714056	84.55%	4.449%
19	19.684	19.594	19.744	BB	46778	684498	81.05%	4.265%
20	20.425	20.371	20.466	BV	41044	622561	73.72%	3.879%
21	21.164	21.078	21.228	BB	33059	600593	71.12%	3.742%
22	22.078	21.978	22.164	BB	23258	581004	68.80%	3.620%
			Sum of corrected areas:			16049999		

Aliphatic EPH 032925.M Mon Mar 31 02:55:44 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
Data File : FE053062.D
Signal(s) : FID1B.ch
Acq On : 29 Mar 2025 02:10
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Mar 31 02:46:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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)	11.896	3305867	20.296 ug/ml
	Spiked Amount 50.000		Recovery = 40.59%	
12)	S 1-chlorooctadecane (S...	13.340	2435431	20.288 ug/ml
	Spiked Amount 50.000		Recovery = 40.58%	
	Target Compounds			
1)	T n-Nonane (C9)	3.241	3144906	20.311 ug/ml
2)	T n-Decane (C10)	4.502	3190145	20.338 ug/ml
3)	T A~Naphthalene (C11.7)	6.214	3429813	20.417 ug/ml
4)	T n-Dodecane (C12)	6.682	3188817	20.389 ug/ml
5)	T A~2-methylnaphthalene...	7.316	3264250	20.458 ug/ml
6)	T n-Tetradecane (C14)	8.518	3114031	20.338 ug/ml
7)	T n-Hexadecane (C16)	10.132	3136071	20.345 ug/ml
8)	T n-Octadecane (C18)	11.580	3082468	20.324 ug/ml
10)	T n-Eicosane (C20)	12.894	2891595	20.281 ug/ml
11)	T n-Heneicosane (C21)	13.508	2818447	20.310 ug/ml
13)	T n-Docosane (C22)	14.095	2782053	20.314 ug/ml
14)	T n-Tetracosane (C24)	15.201	2739887	20.287 ug/ml
15)	T n-Hexacosane (C26)	16.225	2707291	20.293 ug/ml
16)	T n-Octacosane (C28)	17.177	2675667	20.275 ug/ml
17)	T n-Tricontane (C30)	18.066	2741072	20.223 ug/ml
18)	T n-Dotriacontane (C32)	18.900	2708370	20.127 ug/ml
19)	T n-Tetratriacontane (C34)	19.684	2604010	20.124 ug/ml
20)	T n-Hexatriacontane (C36)	20.427	2402460	20.224 ug/ml
21)	T n-Octatriacontane (C38)	21.166	2315805	20.149 ug/ml
22)	T n-Tetracontane (C40)	22.081	2245217	19.991 ug/ml

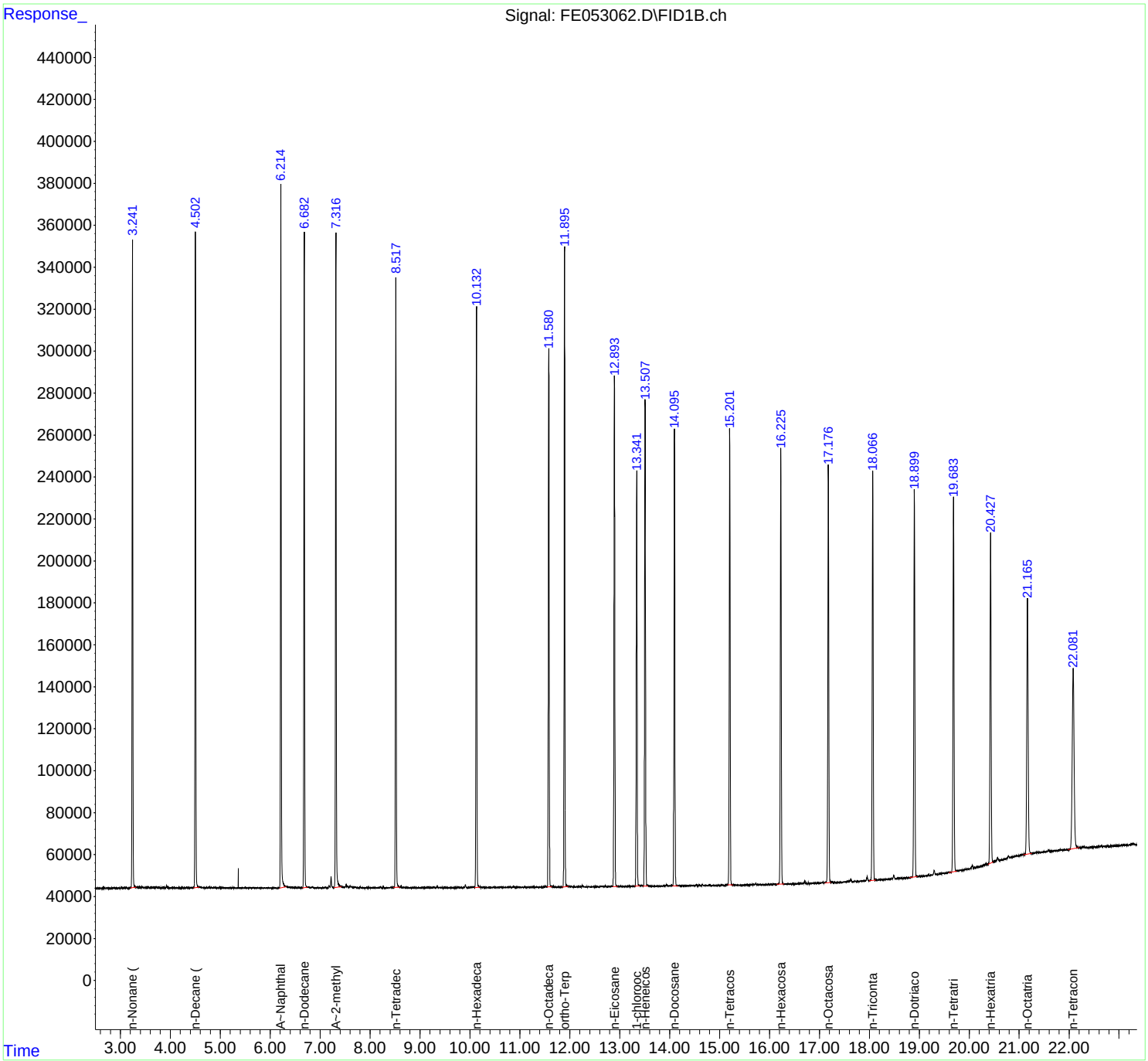
(f)=RT Delta > 1/2 Window (m)=manual int.

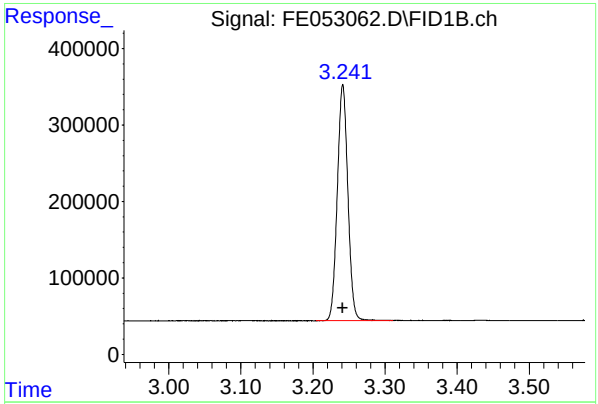
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
Data File : FE053062.D
Signal(s) : FID1B.ch
Acq On : 29 Mar 2025 02:10
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Mar 31 02:46:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

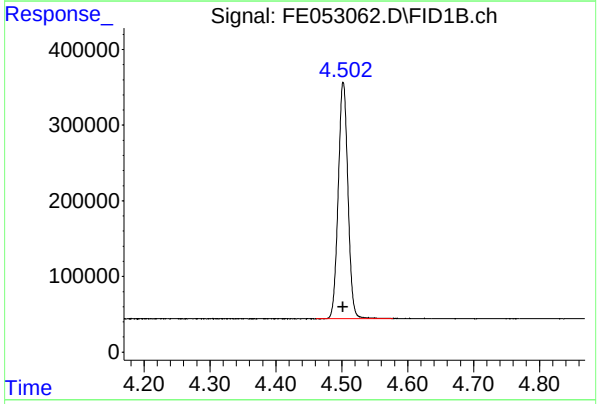




#1 n-Nonane (C9)

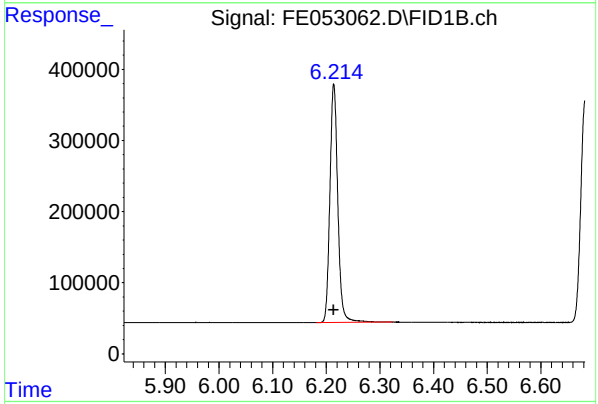
R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 3144906
Conc: 20.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



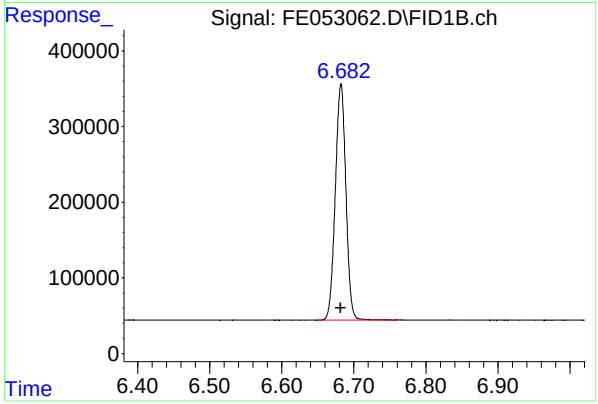
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 3190145
Conc: 20.34 ug/ml



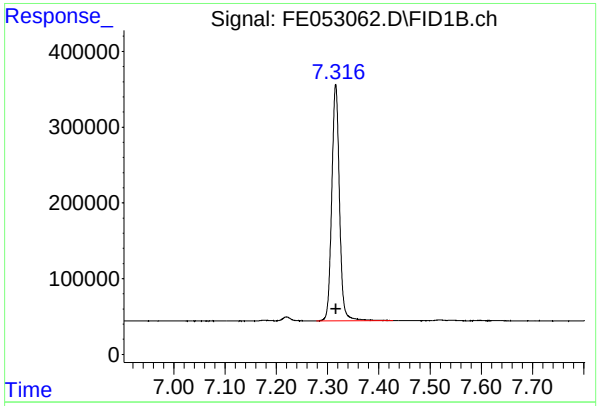
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 3429813
Conc: 20.42 ug/ml



#4 n-Dodecane (C12)

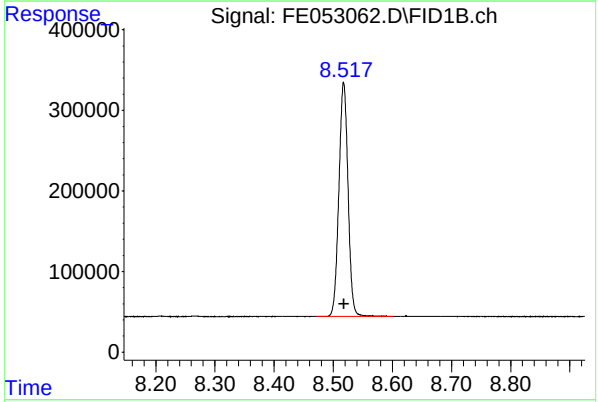
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 3188817
Conc: 20.39 ug/ml



#5 A~2-methylnaphthalene (C12.89)

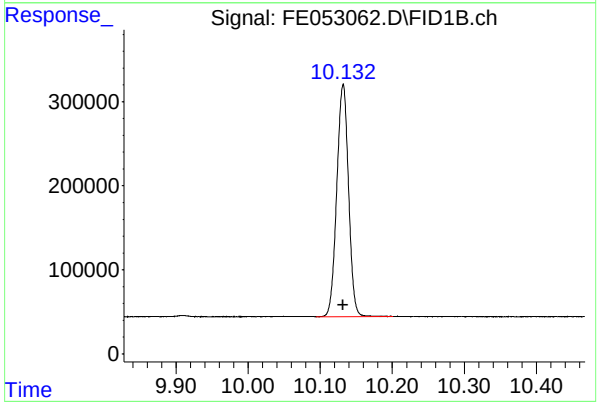
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 3264250
Conc: 20.46 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



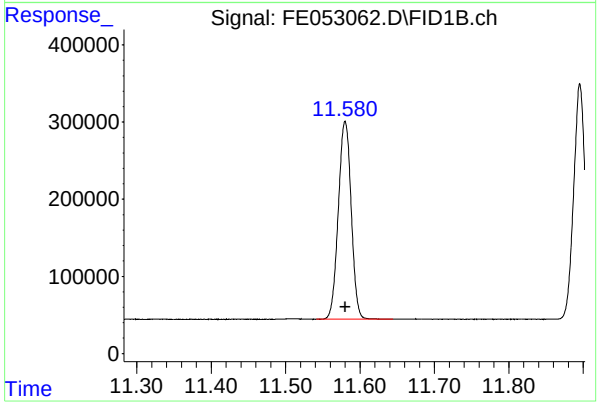
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 3114031
Conc: 20.34 ug/ml



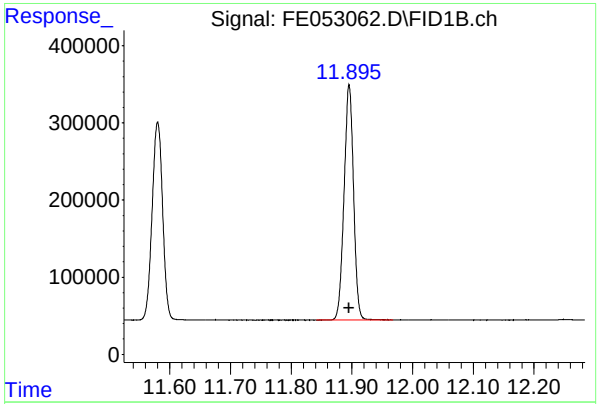
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: 0.000 min
Response: 3136071
Conc: 20.34 ug/ml



#8 n-Octadecane (C18)

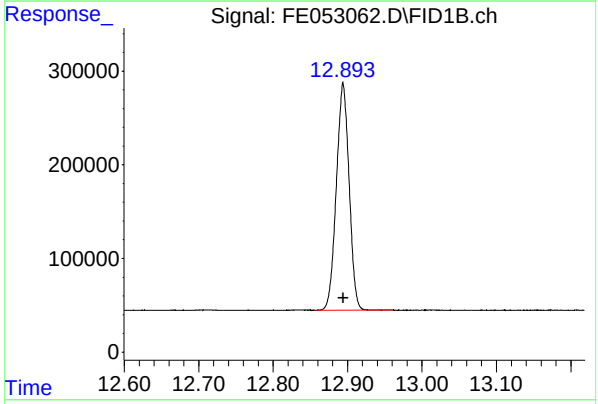
R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 3082468
Conc: 20.32 ug/ml



#9 ortho-Terphenyl (SURR)

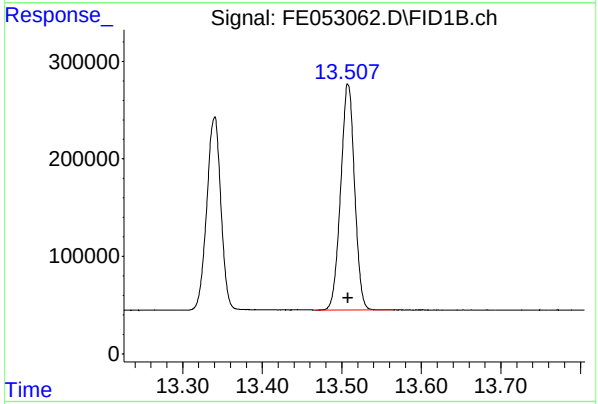
R.T.: 11.896 min
Delta R.T.: 0.000 min
Response: 3305867
Conc: 20.30 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



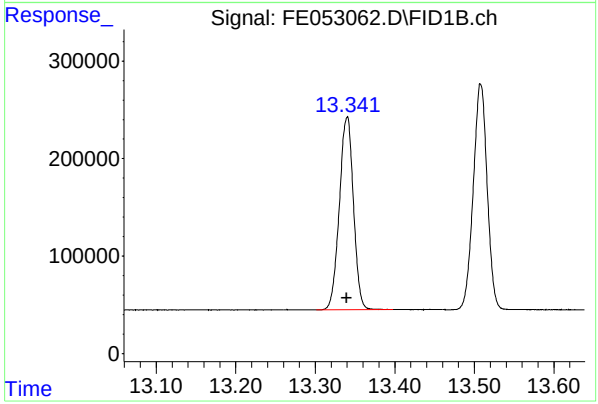
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 2891595
Conc: 20.28 ug/ml



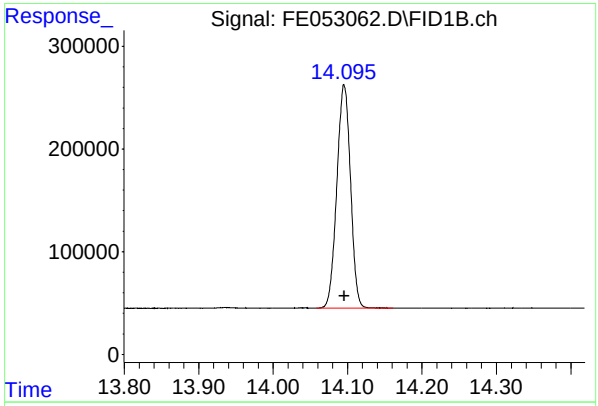
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 2818447
Conc: 20.31 ug/ml



#12 1-chlorooctadecane (SURR)

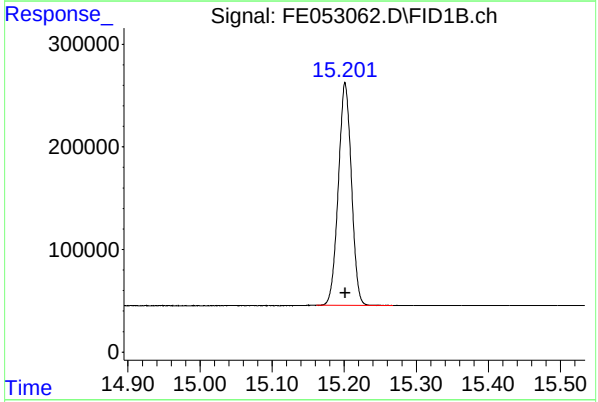
R.T.: 13.340 min
Delta R.T.: 0.000 min
Response: 2435431
Conc: 20.29 ug/ml



#13 n-Docosane (C22)

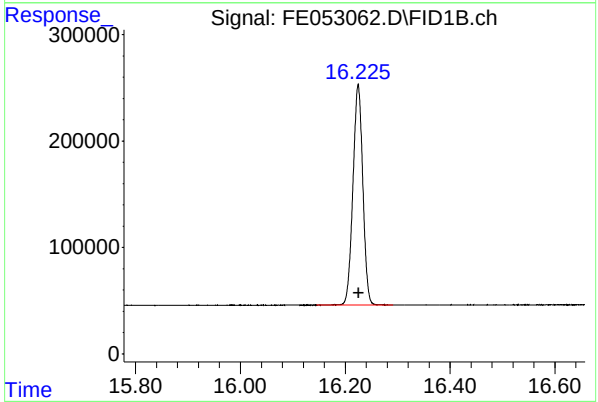
R.T.: 14.095 min
Delta R.T.: 0.000 min
Response: 2782053
Conc: 20.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



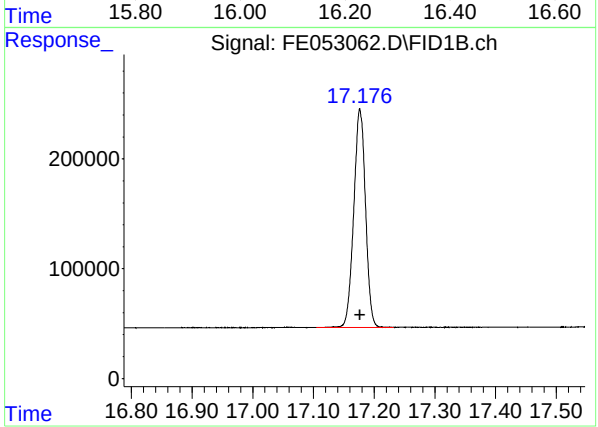
#14 n-Tetracosane (C24)

R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 2739887
Conc: 20.29 ug/ml



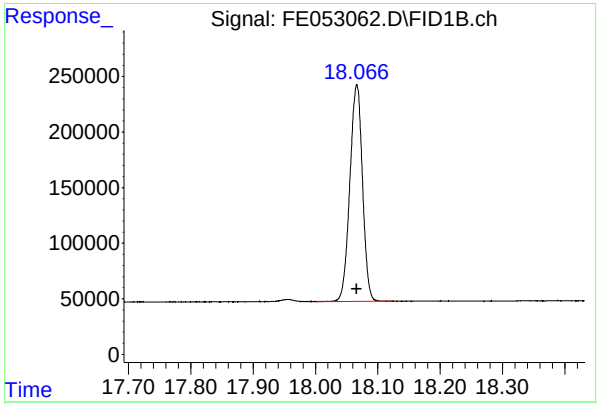
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: 0.000 min
Response: 2707291
Conc: 20.29 ug/ml



#16 n-Octacosane (C28)

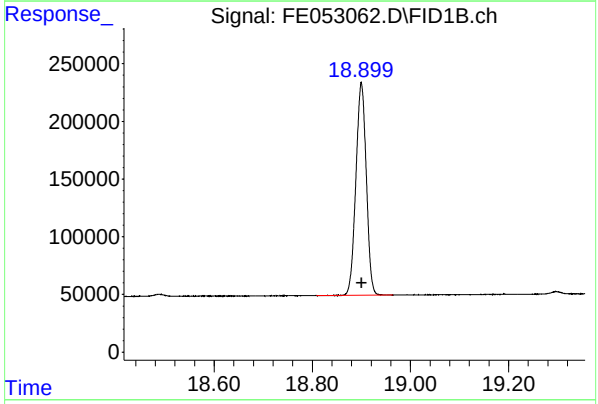
R.T.: 17.177 min
Delta R.T.: 0.000 min
Response: 2675667
Conc: 20.28 ug/ml



#17 n-Tricontane (C30)

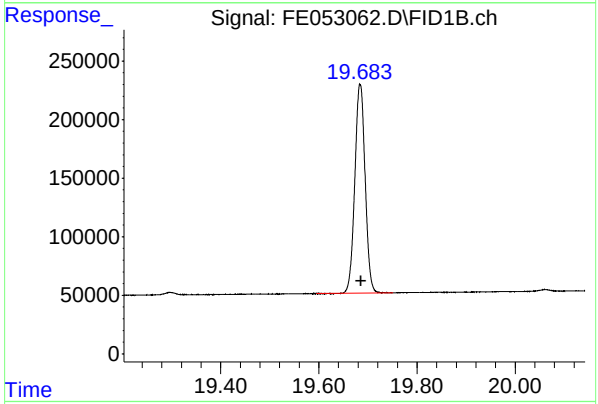
R.T.: 18.066 min
Delta R.T.: 0.000 min
Response: 2741072
Conc: 20.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



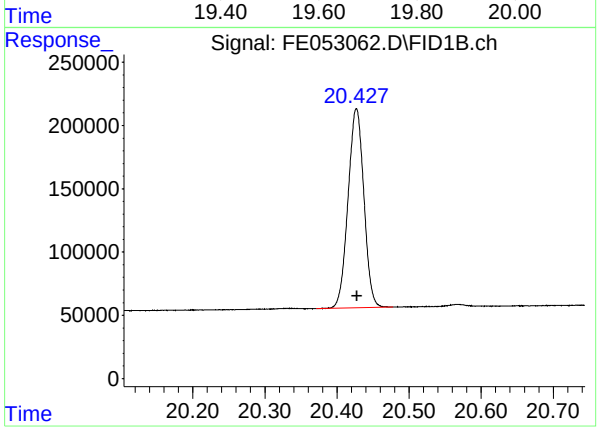
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: 0.000 min
Response: 2708370
Conc: 20.13 ug/ml



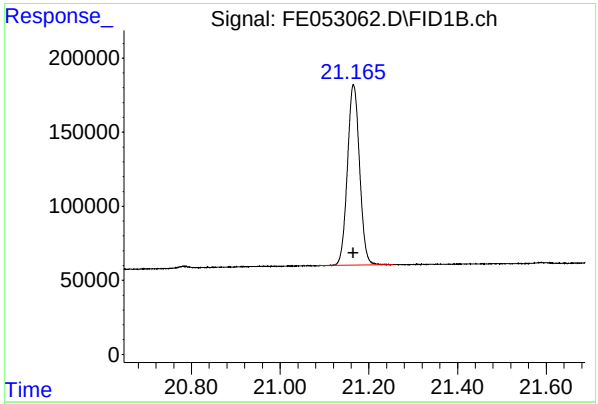
#19 n-Tetratriacontane (C34)

R.T.: 19.684 min
Delta R.T.: -0.002 min
Response: 2604010
Conc: 20.12 ug/ml



#20 n-Hexatriacontane (C36)

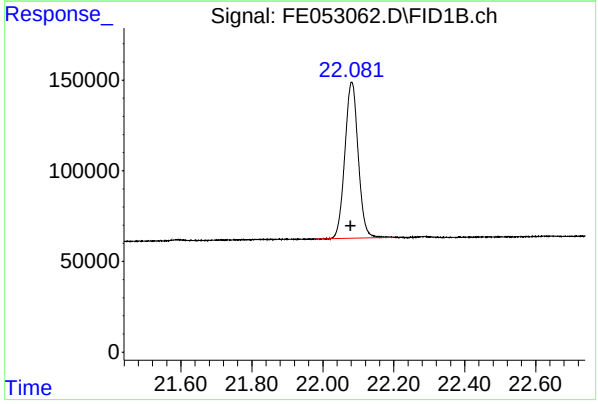
R.T.: 20.427 min
Delta R.T.: 0.000 min
Response: 2402460
Conc: 20.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.166 min
Delta R.T.: 0.000 min
Response: 2315805
Conc: 20.15 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.081 min
Delta R.T.: 0.003 min
Response: 2245217
Conc: 19.99 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
Data File : FE053062.D
Signal(s) : FID1B.ch
Acq On : 29 Mar 2025 02:10
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	3.241	3.204	3.311	BB	308166	3144906	91.69%	4.998%
2	4.502	4.461	4.578	BB	312751	3190145	93.01%	5.070%
3	6.214	6.181	6.324	BB	335004	3429813	100.00%	5.451%
4	6.682	6.648	6.754	BB	309371	3188817	92.97%	5.068%
5	7.316	7.278	7.428	BB	310620	3264250	95.17%	5.188%
6	8.518	8.471	8.601	BB	290417	3114031	90.79%	4.949%
7	10.132	10.094	10.201	BB	275477	3136071	91.44%	4.984%
8	11.580	11.541	11.644	BB	256082	3082468	89.87%	4.899%
9	11.896	11.841	11.968	BB	304695	3305867	96.39%	5.254%
10	12.894	12.858	12.961	BB	241705	2891595	84.31%	4.595%
11	13.340	13.301	13.398	BB	200047	2435431	71.01%	3.870%
12	13.508	13.468	13.564	BB	232624	2818447	82.17%	4.479%
13	14.095	14.058	14.161	BB	217474	2782053	81.11%	4.421%
14	15.201	15.161	15.268	BB	216839	2739887	79.88%	4.354%
15	16.225	16.144	16.291	BB	207142	2707291	78.93%	4.302%
16	17.177	17.104	17.231	BB	196888	2675667	78.01%	4.252%
17	18.066	18.001	18.124	BB	195874	2741072	79.92%	4.356%
18	18.900	18.808	18.964	BB	183551	2708370	78.97%	4.304%
19	19.684	19.594	19.751	BB	178652	2604010	75.92%	4.138%
20	20.427	20.371	20.478	BB	157661	2402460	70.05%	3.818%
21	21.166	21.081	21.254	BB	122006	2315805	67.52%	3.680%
22	22.081	21.981	22.198	BB	86097	2245217	65.46%	3.568%
			Sum of corrected areas:			62923673		

Aliphatic EPH 032925.M Mon Mar 31 02:56:04 2025

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

Continuing Calibration Report for SequenceID : FE033125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE053070.D**						
Aliphatic C9-C12	10101647.000	60.000	3.141	6.784	168360.783	156032.227	-7.901
Aliphatic C12-C16	6705782.000	40.000	6.785	10.235	167644.550	153631.377	-9.121
Aliphatic C16-C21	9524747.000	60.000	10.236	13.612	158745.783	144337.201	-9.983
Aliphatic C21-C28	11830233.000	80.000	13.613	17.286	147877.913	134347.450	-10.071
Aliphatic C28-C40	15356062.000	120.000	17.287	22.206	127967.183	124256.607	-2.986
Aliphatic EPH	53518471.000	360.000	3.141	22.206	148662.419	138405.582	-7.411

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:	31 Mar 2025 14:00
Client Sample ID:		Operator:	YP\AJ
Data file:	FE053070.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.141	6.784	10101647.000	60.000	ug/ml
Aliphatic C12-C16	6.785	10.235	6705782.000	40.000	ug/ml
Aliphatic C16-C21	10.236	13.612	9524747.000	60.000	ug/ml
Aliphatic C21-C28	13.613	17.286	11830233.000	80.000	ug/ml
Aliphatic C28-C40	17.287	22.206	15356062.000	120.000	ug/ml
Aliphatic EPH	3.141	22.206	53518471.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FE033125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE053086.D**						
Aliphatic C9-C12	8865929.000	60.000	3.141	6.784	147765.483	156032.227	5.298
Aliphatic C12-C16	6037117.000	40.000	6.785	10.235	150927.925	153631.377	1.760
Aliphatic C16-C21	8611980.000	60.000	10.236	13.612	143533.000	144337.201	0.557
Aliphatic C21-C28	11243627.000	80.000	13.613	17.286	140545.338	134347.450	-4.613
Aliphatic C28-C40	16692620.000	120.000	17.287	22.206	139105.167	124256.607	-11.950
Aliphatic EPH	51451273.000	360.000	3.141	22.206	142920.203	138405.582	-3.262

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:	31 Mar 2025 23:05
Client Sample ID:		Operator:	YP\AJ
Data file:	FE053086.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.141	6.784	8865929.000	60.000	ug/ml
Aliphatic C12-C16	6.785	10.235	6037117.000	40.000	ug/ml
Aliphatic C16-C21	10.236	13.612	8611980.000	60.000	ug/ml
Aliphatic C21-C28	13.613	17.286	11243627.000	80.000	ug/ml
Aliphatic C28-C40	17.287	22.206	16692620.000	120.000	ug/ml
Aliphatic EPH	3.141	22.206	51451273.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FE040125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE053089.D**						
Aliphatic C9-C12	9641759.000	60.000	3.141	6.782	160695.983	156032.227	-2.989
Aliphatic C12-C16	6370470.000	40.000	6.783	10.232	159261.750	153631.377	-3.665
Aliphatic C16-C21	9039424.000	60.000	10.233	13.609	150657.067	144337.201	-4.379
Aliphatic C21-C28	11323535.000	80.000	13.610	17.278	141544.188	134347.450	-5.357
Aliphatic C28-C40	15436560.000	120.000	17.279	22.189	128638.000	124256.607	-3.526
Aliphatic EPH	51811748.000	360.000	3.141	22.189	143921.522	138405.582	-3.985

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:	01 Apr 2025 07:15
Client Sample ID:		Operator:	YP\AJ
Data file:	FE053089.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.141	6.782	9641759.000	60.000	ug/ml
Aliphatic C12-C16	6.783	10.232	6370470.000	40.000	ug/ml
Aliphatic C16-C21	10.233	13.609	9039424.000	60.000	ug/ml
Aliphatic C21-C28	13.610	17.278	11323535.000	80.000	ug/ml
Aliphatic C28-C40	17.279	22.189	15436560.000	120.000	ug/ml
Aliphatic EPH	3.141	22.189	51811748.000	360.000	ug/ml

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

Continuing Calibration Report for SequenceID : FE040125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE053093.D**						
Aliphatic C9-C12	9633869.000	60.000	3.141	6.782	160564.483	156032.227	-2.905
Aliphatic C12-C16	6368244.000	40.000	6.783	10.232	159206.100	153631.377	-3.629
Aliphatic C16-C21	9013032.000	60.000	10.233	13.609	150217.200	144337.201	-4.074
Aliphatic C21-C28	11327743.000	80.000	13.610	17.278	141596.788	134347.450	-5.396
Aliphatic C28-C40	15471341.000	120.000	17.279	22.189	128927.842	124256.607	-3.759
Aliphatic EPH	51814229.000	360.000	3.141	22.189	143928.414	138405.582	-3.990

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:	01 Apr 2025 11:03
Client Sample ID:		Operator:	YP\AJ
Data file:	FE053093.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.141	6.782	9633869.000	60.000	ug/ml
Aliphatic C12-C16	6.783	10.232	6368244.000	40.000	ug/ml
Aliphatic C16-C21	10.233	13.609	9013032.000	60.000	ug/ml
Aliphatic C21-C28	13.610	17.278	11327743.000	80.000	ug/ml
Aliphatic C28-C40	17.279	22.189	15471341.000	120.000	ug/ml
Aliphatic EPH	3.141	22.189	51814229.000	360.000	ug/ml

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053074.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 16:32
Operator : YP\AJ
Sample : Q1675-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
P1

Integration File: autoint1.e
Quant Time: Apr 01 01:40:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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)	11.900	6575088	40.367 ug/ml
Spiked Amount 50.000		Recovery =	80.73%
12) S 1-chlorooctadecane (S...	13.344	4834527	40.273 ug/ml
Spiked Amount 50.000		Recovery =	80.55%
Target Compounds			

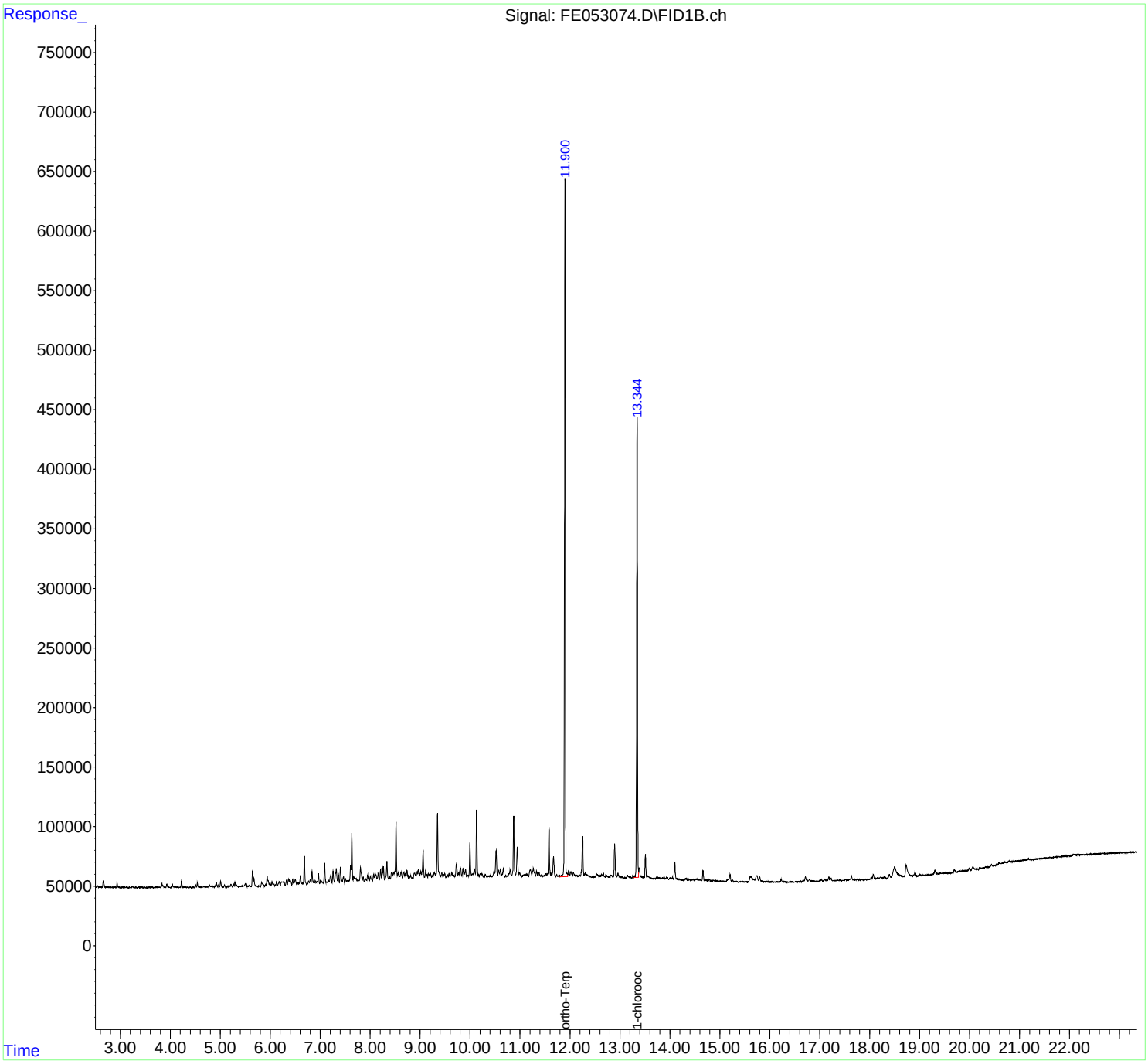
(f)=RT Delta > 1/2 Window (m)=manual int.

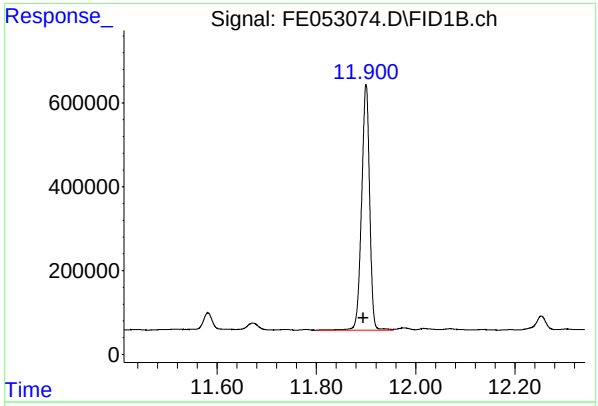
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053074.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 16:32
Operator : YP\AJ
Sample : Q1675-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
P1

Integration File: autoint1.e
Quant Time: Apr 01 01:40:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

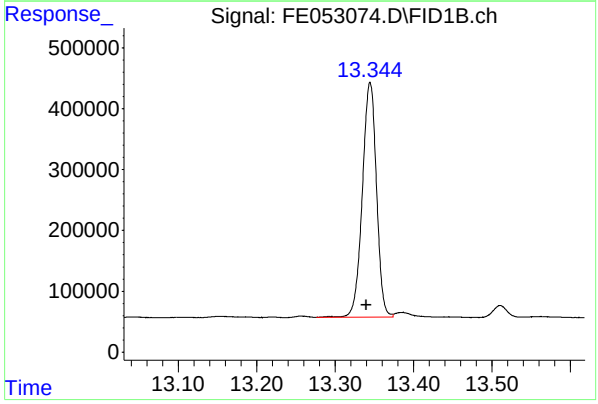




#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: 0.005 min
Response: 6575088
Conc: 40.37 ug/ml

Instrument :
FID_E
ClientSampleId :
P1



#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: 0.005 min
Response: 4834527
Conc: 40.27 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053074.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 16:32
Sample : Q1675-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	2.876	2.821	2.903	BV	344	3787	0.05%	0.006%
2	2.934	2.903	2.998	PV	3857	44260	0.62%	0.074%
3	3.019	2.998	3.033	VV	162	2519	0.04%	0.004%
4	3.050	3.033	3.069	VV	173	2432	0.03%	0.004%
5	3.075	3.069	3.091	VV	86	681	0.01%	0.001%
6	3.117	3.091	3.151	VV	153	3282	0.05%	0.005%
7	3.160	3.151	3.175	VV	125	1089	0.02%	0.002%
8	3.242	3.175	3.338	VV	632	12610	0.18%	0.021%
9	3.358	3.338	3.369	PV	280	2644	0.04%	0.004%
10	3.381	3.369	3.400	VV	184	2476	0.03%	0.004%
11	3.419	3.400	3.434	VV	187	2357	0.03%	0.004%
12	3.454	3.434	3.511	VV	236	5257	0.07%	0.009%
13	3.557	3.511	3.596	VV	350	7863	0.11%	0.013%
14	3.633	3.596	3.668	VV	231	5907	0.08%	0.010%
15	3.692	3.668	3.711	VV	440	7305	0.10%	0.012%
16	3.730	3.711	3.756	VV	723	9808	0.14%	0.016%
17	3.774	3.756	3.807	VV	344	5904	0.08%	0.010%
18	3.831	3.807	3.846	VV	3520	38891	0.54%	0.065%
19	3.854	3.846	3.902	VV	1746	21241	0.30%	0.035%
20	3.930	3.902	3.987	VV	3078	40310	0.56%	0.067%
21	4.038	3.987	4.098	PV	3041	56386	0.79%	0.094%
22	4.111	4.098	4.131	VV	446	7135	0.10%	0.012%
23	4.151	4.131	4.175	VV	666	10345	0.14%	0.017%
24	4.224	4.175	4.256	VV	5472	67160	0.94%	0.112%
25	4.271	4.256	4.329	VV	626	15024	0.21%	0.025%
26	4.337	4.329	4.364	VV	173	1910	0.03%	0.003%
27	4.396	4.364	4.425	PV	393	6661	0.09%	0.011%
28	4.441	4.425	4.468	VV	498	6438	0.09%	0.011%
29	4.503	4.468	4.521	VV	2277	26664	0.37%	0.044%
30	4.541	4.521	4.562	VV	3884	41625	0.58%	0.069%
31	4.578	4.562	4.598	VV	1007	11945	0.17%	0.020%
32	4.611	4.598	4.640	VV	253	3495	0.05%	0.006%
33	4.677	4.640	4.700	VV	969	19409	0.27%	0.032%
34	4.714	4.700	4.745	VV	503	10704	0.15%	0.018%
35	4.756	4.745	4.769	VV	525	5254	0.07%	0.009%
36	4.788	4.769	4.804	VV	1708	19035	0.27%	0.032%

rteres

37	4.821	4.804	4.876	VV	994	31671	0.44%	0.053%
38	4.893	4.876	4.904	VV	1269	14816	0.21%	0.025%
39	4.923	4.904	4.951	VV	3532	48270	0.67%	0.080%
40	4.965	4.951	4.984	VV	1565	20781	0.29%	0.035%
41	5.007	4.984	5.058	VV	5002	70101	0.98%	0.117%
42	5.085	5.058	5.105	VV	2034	23402	0.33%	0.039%
43	5.119	5.105	5.133	VV	618	6643	0.09%	0.011%
44	5.150	5.133	5.162	VV	840	9954	0.14%	0.017%
45	5.183	5.162	5.195	VV	1140	15275	0.21%	0.025%
46	5.214	5.195	5.241	VV	2350	38255	0.53%	0.064%
47	5.261	5.241	5.276	VV	2947	33226	0.46%	0.055%
48	5.293	5.276	5.312	VV	4245	49220	0.69%	0.082%
49	5.326	5.312	5.365	VV	1804	27509	0.38%	0.046%
50	5.392	5.365	5.405	PV	462	6466	0.09%	0.011%
51	5.425	5.405	5.435	VV	959	12891	0.18%	0.021%
52	5.451	5.435	5.471	VV	1512	22118	0.31%	0.037%
53	5.500	5.471	5.512	VV	2748	42570	0.59%	0.071%
54	5.522	5.512	5.561	VV	2441	36568	0.51%	0.061%
55	5.585	5.561	5.602	VV	1272	19063	0.27%	0.032%
56	5.647	5.602	5.666	VV	13537	196789	2.74%	0.327%
57	5.674	5.666	5.753	VV	7393	110635	1.54%	0.184%
58	5.773	5.753	5.787	VV	797	11878	0.17%	0.020%
59	5.799	5.787	5.806	VV	724	6551	0.09%	0.011%
60	5.828	5.806	5.891	VV	3869	98316	1.37%	0.163%
61	5.911	5.891	5.920	VV	2518	28927	0.40%	0.048%
62	5.939	5.920	5.980	VV	9236	174656	2.43%	0.290%
63	5.995	5.980	6.018	VV	4139	57811	0.81%	0.096%
64	6.035	6.018	6.061	VV	4457	70437	0.98%	0.117%
65	6.074	6.061	6.095	VV	2063	34295	0.48%	0.057%
66	6.127	6.095	6.146	VV	4243	67547	0.94%	0.112%
67	6.180	6.146	6.201	VV	4334	88469	1.23%	0.147%
68	6.256	6.201	6.268	VV	4167	141340	1.97%	0.235%
69	6.278	6.268	6.299	VV	4094	52896	0.74%	0.088%
70	6.325	6.299	6.343	VV	5421	80892	1.13%	0.134%
71	6.365	6.343	6.379	VV	6313	100044	1.39%	0.166%
72	6.392	6.379	6.433	VV	6067	142660	1.99%	0.237%
73	6.450	6.433	6.466	VV	5908	77152	1.08%	0.128%
74	6.502	6.466	6.536	VV	5920	162621	2.27%	0.270%
75	6.555	6.536	6.581	VV	3140	72433	1.01%	0.120%
76	6.605	6.581	6.638	VV	8651	161945	2.26%	0.269%
77	6.649	6.638	6.660	VV	2937	35807	0.50%	0.060%
78	6.684	6.660	6.731	VV	25465	355847	4.96%	0.592%
79	6.768	6.731	6.783	VV	4663	94797	1.32%	0.158%
80	6.802	6.783	6.817	VV	5878	94188	1.31%	0.157%
81	6.837	6.817	6.862	VV	12689	192465	2.68%	0.320%
82	6.881	6.862	6.898	VV	5529	94067	1.31%	0.156%
83	6.911	6.898	6.923	VV	4451	55776	0.78%	0.093%
84	6.938	6.923	6.948	VV	4310	58839	0.82%	0.098%
85	6.967	6.948	6.989	VV	10774	148725	2.07%	0.247%
86	7.012	6.989	7.038	VV	5264	118484	1.65%	0.197%
87	7.046	7.038	7.060	VV	3785	42638	0.59%	0.071%
88	7.089	7.060	7.117	VV	19542	287340	4.01%	0.478%
89	7.131	7.117	7.145	VV	3796	58115	0.81%	0.097%

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90	7.165	7.145	7.180	VV	4961	91048	1.27%	0.151%
91	7.214	7.180	7.236	VV	9987	218471	3.05%	0.363%
92	7.258	7.236	7.286	VV	12649	211770	2.95%	0.352%
93	7.323	7.286	7.348	VV	14748	333575	4.65%	0.555%
94	7.364	7.348	7.383	VV	9639	134866	1.88%	0.224%
95	7.406	7.383	7.443	VV	15994	288989	4.03%	0.480%
96	7.467	7.443	7.488	VV	7989	158984	2.22%	0.264%
97	7.507	7.488	7.524	VV	6484	105530	1.47%	0.175%
98	7.538	7.524	7.547	VV	4636	59205	0.83%	0.098%
99	7.558	7.547	7.568	VV	4602	56644	0.79%	0.094%
100	7.609	7.568	7.617	VV	17276	258215	3.60%	0.429%
101	7.634	7.617	7.657	VV	44458	553796	7.72%	0.921%
102	7.670	7.657	7.712	VV	8100	223579	3.12%	0.372%
103	7.720	7.712	7.743	VV	6524	105815	1.47%	0.176%
104	7.757	7.743	7.785	VV	5433	121804	1.70%	0.202%
105	7.808	7.785	7.843	VV	15579	335570	4.68%	0.558%
106	7.861	7.843	7.882	VV	7672	137955	1.92%	0.229%
107	7.902	7.882	7.931	VV	6626	154125	2.15%	0.256%
108	7.949	7.931	7.962	VV	9067	130110	1.81%	0.216%
109	7.972	7.962	7.990	VV	7948	112763	1.57%	0.187%
110	8.006	7.990	8.044	VV	8388	198817	2.77%	0.331%
111	8.069	8.044	8.081	VV	9342	155967	2.17%	0.259%
112	8.099	8.081	8.137	VV	10438	290410	4.05%	0.483%
113	8.163	8.137	8.183	VV	10674	214768	2.99%	0.357%
114	8.210	8.183	8.227	VV	13707	238705	3.33%	0.397%
115	8.245	8.227	8.255	VV	14943	191985	2.68%	0.319%
116	8.267	8.255	8.292	VV	16402	233583	3.26%	0.388%
117	8.337	8.292	8.369	VV	20525	449146	6.26%	0.747%
118	8.388	8.369	8.406	VV	7404	145424	2.03%	0.242%
119	8.429	8.406	8.454	VV	11183	268544	3.74%	0.446%
120	8.468	8.454	8.481	VV	11104	168922	2.35%	0.281%
121	8.519	8.481	8.546	VV	53246	852092	11.88%	1.417%
122	8.562	8.546	8.583	VV	10300	203081	2.83%	0.338%
123	8.619	8.583	8.649	VV	11273	352330	4.91%	0.586%
124	8.676	8.649	8.693	VV	11548	246346	3.43%	0.410%
125	8.705	8.693	8.720	VV	10264	146767	2.05%	0.244%
126	8.739	8.720	8.782	VV	12858	333985	4.66%	0.555%
127	8.812	8.782	8.836	VV	8396	227413	3.17%	0.378%
128	8.849	8.836	8.861	VV	6821	94085	1.31%	0.156%
129	8.893	8.861	8.922	VV	10457	330548	4.61%	0.549%
130	8.943	8.922	8.956	VV	11622	213882	2.98%	0.356%
131	8.973	8.956	8.995	VV	13753	258448	3.60%	0.430%
132	9.015	8.995	9.029	VV	12212	215705	3.01%	0.359%
133	9.060	9.029	9.088	VV	28938	538304	7.50%	0.895%
134	9.114	9.088	9.152	VV	13077	354791	4.95%	0.590%
135	9.169	9.152	9.191	VV	9550	197252	2.75%	0.328%
136	9.208	9.191	9.228	VV	10007	193365	2.70%	0.321%
137	9.241	9.228	9.255	VV	7923	124013	1.73%	0.206%
138	9.288	9.255	9.309	VV	10552	294708	4.11%	0.490%
139	9.349	9.309	9.414	VV	60537	1152327	16.06%	1.916%
140	9.435	9.414	9.459	VV	10714	239929	3.34%	0.399%
141	9.494	9.459	9.516	VV	9801	281890	3.93%	0.469%

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142	9.550	9.516	9.563	VV	8767	217831	3.04%	0.362%
143	9.580	9.563	9.601	VV	9996	196975	2.75%	0.327%
144	9.634	9.601	9.669	VV	10653	347852	4.85%	0.578%
145	9.682	9.669	9.698	VV	8504	136993	1.91%	0.228%
146	9.727	9.698	9.758	VV	17609	434024	6.05%	0.722%
147	9.771	9.758	9.781	VV	10165	133454	1.86%	0.222%
148	9.810	9.781	9.835	VV	14098	366423	5.11%	0.609%
149	9.858	9.835	9.877	VV	14071	271417	3.78%	0.451%
150	9.911	9.877	9.937	VV	13243	360148	5.02%	0.599%
151	9.960	9.937	9.974	VV	8392	170150	2.37%	0.283%
152	9.999	9.974	10.030	VV	35658	574442	8.01%	0.955%
153	10.046	10.030	10.061	VV	9416	168353	2.35%	0.280%
154	10.087	10.061	10.108	VV	12886	309762	4.32%	0.515%
155	10.132	10.108	10.182	VV	62351	966652	13.47%	1.607%
156	10.209	10.182	10.226	VV	9454	233071	3.25%	0.387%
157	10.237	10.226	10.280	VV	9198	250553	3.49%	0.417%
158	10.306	10.280	10.332	VV	8887	241612	3.37%	0.402%
159	10.345	10.332	10.356	VV	7492	100554	1.40%	0.167%
160	10.367	10.356	10.391	VV	7564	155951	2.17%	0.259%
161	10.408	10.391	10.428	VV	8128	166418	2.32%	0.277%
162	10.482	10.428	10.495	VV	11802	356038	4.96%	0.592%
163	10.523	10.495	10.552	VV	28804	572318	7.98%	0.951%
164	10.573	10.552	10.593	VV	12155	252635	3.52%	0.420%
165	10.613	10.593	10.634	VV	12995	258842	3.61%	0.430%
166	10.668	10.634	10.696	VV	13694	358071	4.99%	0.595%
167	10.718	10.696	10.731	VV	7665	154611	2.16%	0.257%
168	10.802	10.731	10.834	VV	12411	544169	7.59%	0.905%
169	10.875	10.834	10.913	VV	57542	971929	13.55%	1.616%
170	10.947	10.913	10.976	VV	31325	649413	9.05%	1.080%
171	10.993	10.976	11.043	VV	9746	328156	4.57%	0.546%
172	11.088	11.043	11.103	VV	8072	272633	3.80%	0.453%
173	11.133	11.103	11.173	VV	8636	341120	4.75%	0.567%
174	11.204	11.173	11.236	VV	12368	389486	5.43%	0.647%
175	11.268	11.236	11.312	VV	13644	466341	6.50%	0.775%
176	11.332	11.312	11.365	VV	11387	289150	4.03%	0.481%
177	11.384	11.365	11.413	VV	10578	240190	3.35%	0.399%
178	11.438	11.413	11.462	VV	8114	215997	3.01%	0.359%
179	11.520	11.462	11.538	VV	8802	360514	5.03%	0.599%
180	11.582	11.538	11.638	VV	47922	972372	13.55%	1.616%
181	11.672	11.638	11.715	VV	23467	573886	8.00%	0.954%
182	11.737	11.715	11.759	VV	7806	191405	2.67%	0.318%
183	11.778	11.759	11.799	VV	7579	170556	2.38%	0.284%
184	11.900	11.799	11.954	VV	596361	7174240	100.00%	11.926%
185	11.977	11.954	11.999	VV	11590	259587	3.62%	0.432%
186	12.017	11.999	12.049	VV	10418	258123	3.60%	0.429%
187	12.069	12.049	12.110	VV	9669	298092	4.16%	0.496%
188	12.134	12.110	12.167	VV	7565	241653	3.37%	0.402%
189	12.191	12.167	12.211	VV	7497	183867	2.56%	0.306%
190	12.253	12.211	12.285	VV	39901	766420	10.68%	1.274%
191	12.303	12.285	12.428	VV	8815	613090	8.55%	1.019%
192	12.454	12.428	12.500	VV	6492	258701	3.61%	0.430%
193	12.530	12.500	12.580	VV	8316	344517	4.80%	0.573%
194	12.596	12.580	12.606	VV	6810	102798	1.43%	0.171%

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195	12.637	12.606	12.651	VV	7893	195383	2.72%	0.325%
196	12.667	12.651	12.699	VV	9415	214811	2.99%	0.357%
197	12.721	12.699	12.790	VV	7689	345205	4.81%	0.574%
198	12.821	12.790	12.858	VV	7167	261789	3.65%	0.435%
199	12.896	12.858	12.938	VV	33501	631512	8.80%	1.050%
200	12.961	12.938	13.005	VV	8906	273899	3.82%	0.455%
201	13.011	13.005	13.025	VV	5681	66701	0.93%	0.111%
202	13.042	13.025	13.083	VV	5679	180912	2.52%	0.301%
203	13.109	13.083	13.131	VV	5181	142054	1.98%	0.236%
204	13.154	13.131	13.205	VV	6789	258572	3.60%	0.430%
205	13.219	13.205	13.237	VV	5596	98564	1.37%	0.164%
206	13.258	13.237	13.276	VV	6985	136721	1.91%	0.227%
207	13.293	13.276	13.303	VV	6442	97662	1.36%	0.162%
208	13.344	13.303	13.374	VV	391810	5047793	70.36%	8.391%
209	13.385	13.374	13.475	VV	13081	441829	6.16%	0.734%
210	13.511	13.475	13.539	VV	24462	427677	5.96%	0.711%
211	13.562	13.539	13.636	VV	6228	299111	4.17%	0.497%
212	13.647	13.636	13.665	VV	4212	70191	0.98%	0.117%
213	13.678	13.665	13.708	VV	4388	105010	1.46%	0.175%
214	13.741	13.708	13.804	VV	5630	274313	3.82%	0.456%
215	13.820	13.804	13.838	VV	4453	83196	1.16%	0.138%
216	13.857	13.838	13.874	VV	4732	91615	1.28%	0.152%
217	13.890	13.874	13.914	VV	4598	100926	1.41%	0.168%
218	13.937	13.914	13.980	VV	5082	166403	2.32%	0.277%
219	14.006	13.980	14.029	VV	4275	116140	1.62%	0.193%
220	14.050	14.029	14.070	VV	5174	105024	1.46%	0.175%
221	14.097	14.070	14.138	VV	17790	321141	4.48%	0.534%
222	14.154	14.138	14.172	VV	3702	74800	1.04%	0.124%
223	14.180	14.172	14.231	VV	3575	109747	1.53%	0.182%
224	14.243	14.231	14.268	VV	2836	60013	0.84%	0.100%
225	14.319	14.268	14.353	VV	4067	159819	2.23%	0.266%
226	14.366	14.353	14.385	VV	3054	55201	0.77%	0.092%
227	14.396	14.385	14.420	VV	2870	56085	0.78%	0.093%
228	14.432	14.420	14.445	VV	2683	38520	0.54%	0.064%
229	14.461	14.445	14.478	VV	3159	55711	0.78%	0.093%
230	14.488	14.478	14.498	VV	2782	32314	0.45%	0.054%
231	14.515	14.498	14.561	VV	3287	114001	1.59%	0.190%
232	14.571	14.561	14.591	VV	2812	48131	0.67%	0.080%
233	14.607	14.591	14.630	VV	2935	59098	0.82%	0.098%
234	14.662	14.630	14.703	VV	10553	197845	2.76%	0.329%
235	14.723	14.703	14.761	VV	2588	80205	1.12%	0.133%
236	14.791	14.761	14.815	VV	2891	73412	1.02%	0.122%
237	14.828	14.815	14.843	VV	1872	28595	0.40%	0.048%
238	14.870	14.843	14.898	VV	2073	61495	0.86%	0.102%
239	14.914	14.898	14.935	VV	2029	40148	0.56%	0.067%
240	14.945	14.935	14.970	VV	1698	32764	0.46%	0.054%
241	14.985	14.970	14.994	VV	1451	18763	0.26%	0.031%
242	15.015	14.994	15.029	VV	1488	29269	0.41%	0.049%
243	15.056	15.029	15.075	VV	1598	38767	0.54%	0.064%
244	15.098	15.075	15.120	VV	1381	33808	0.47%	0.056%
245	15.203	15.120	15.231	VV	7129	201853	2.81%	0.336%
246	15.251	15.231	15.322	VV	2319	73286	1.02%	0.122%

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247	15.335	15.322	15.374	VV	936	24366	0.34%	0.041%
248	15.399	15.374	15.430	VV	1019	26572	0.37%	0.044%
249	15.452	15.430	15.491	VV	861	24182	0.34%	0.040%
250	15.538	15.491	15.558	VV	709	22879	0.32%	0.038%
251	15.613	15.558	15.702	VV	4917	255903	3.57%	0.425%
252	15.741	15.702	15.771	VV	5790	163744	2.28%	0.272%
253	15.796	15.771	15.848	VV	4758	107092	1.49%	0.178%
254	15.854	15.848	15.888	VV	1003	18151	0.25%	0.030%
255	15.906	15.888	15.925	VV	691	12883	0.18%	0.021%
256	15.982	15.925	16.011	VV	654	27227	0.38%	0.045%
257	16.050	16.011	16.088	VV	671	18195	0.25%	0.030%
258	16.101	16.088	16.130	VV	363	6734	0.09%	0.011%
259	16.151	16.130	16.175	VV	386	7409	0.10%	0.012%
260	16.190	16.175	16.201	VV	449	6117	0.09%	0.010%
261	16.229	16.201	16.266	VV	2434	39061	0.54%	0.065%
262	16.293	16.266	16.348	VV	499	12298	0.17%	0.020%
263	16.357	16.348	16.380	VV	130	1842	0.03%	0.003%
264	16.425	16.380	16.474	PV	368	10696	0.15%	0.018%
265	16.527	16.474	16.548	PV	480	9514	0.13%	0.016%
266	16.557	16.548	16.578	VV	248	3372	0.05%	0.006%
267	16.590	16.578	16.603	VV	202	2372	0.03%	0.004%
268	16.624	16.603	16.635	VV	294	4122	0.06%	0.007%
269	16.677	16.635	16.691	VV	1232	23613	0.33%	0.039%
270	16.712	16.691	16.770	VV	4227	95723	1.33%	0.159%
271	16.794	16.770	16.825	VV	1898	36380	0.51%	0.060%
272	16.844	16.825	16.967	VV	715	27773	0.39%	0.046%
273	17.002	16.967	17.014	PV	824	11864	0.17%	0.020%
274	17.034	17.014	17.067	VV	1337	25422	0.35%	0.042%
275	17.096	17.067	17.127	VV	1546	33715	0.47%	0.056%
276	17.181	17.127	17.207	VV	3495	77264	1.08%	0.128%
277	17.227	17.207	17.291	VV	2510	45271	0.63%	0.075%
278	17.299	17.291	17.318	VV	306	3728	0.05%	0.006%
279	17.368	17.318	17.379	VV	381	11410	0.16%	0.019%
280	17.421	17.379	17.442	VV	524	13985	0.19%	0.023%
281	17.517	17.442	17.536	PV	916	18748	0.26%	0.031%
282	17.633	17.536	17.693	VV	3456	83551	1.16%	0.139%
283	17.748	17.693	17.788	VV	685	23491	0.33%	0.039%
284	17.805	17.788	17.824	VV	292	4694	0.07%	0.008%
285	17.839	17.824	17.865	VV	269	4261	0.06%	0.007%
286	17.869	17.865	17.875	VV	258	1057	0.01%	0.002%
287	17.916	17.875	17.938	VV	342	7582	0.11%	0.013%
288	17.972	17.938	17.981	PV	373	5887	0.08%	0.010%
289	17.988	17.981	17.997	VV	315	2532	0.04%	0.004%
290	18.071	17.997	18.108	VV	4124	95929	1.34%	0.159%
291	18.164	18.108	18.184	VV	912	23243	0.32%	0.039%
292	18.215	18.184	18.233	VV	1514	27746	0.39%	0.046%
293	18.249	18.233	18.275	VV	875	17898	0.25%	0.030%
294	18.299	18.275	18.331	VV	1421	25158	0.35%	0.042%
295	18.393	18.331	18.423	PV	3014	55531	0.77%	0.092%
296	18.498	18.423	18.680	VV	9239	515423	7.18%	0.857%
297	18.729	18.680	18.853	VV	10123	339118	4.73%	0.564%
298	18.906	18.853	18.961	VV	3539	73909	1.03%	0.123%
299	19.006	18.961	19.038	VV	907	19888	0.28%	0.033%

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300	19.055	19.038	19.081	VV	650	13652	0.19%	0.023%
301	19.084	19.081	19.133	VV	540	7566	0.11%	0.013%
302	19.167	19.133	19.181	PV	232	3819	0.05%	0.006%
303	19.189	19.181	19.197	VV	172	1090	0.02%	0.002%
304	19.221	19.197	19.239	VV	373	4971	0.07%	0.008%
305	19.306	19.239	19.376	VV	3209	91022	1.27%	0.151%
306	19.409	19.376	19.418	VV	583	11500	0.16%	0.019%
307	19.501	19.418	19.532	VV	411	25369	0.35%	0.042%
308	19.555	19.532	19.584	VV	290	6136	0.09%	0.010%
309	19.601	19.584	19.616	VV	163	1685	0.02%	0.003%
310	19.694	19.616	19.764	PV	2403	50007	0.70%	0.083%
311	19.812	19.764	19.845	VV	503	16218	0.23%	0.027%
312	19.891	19.845	19.914	VV	386	11854	0.17%	0.020%
313	19.990	19.914	20.018	VV	1569	31368	0.44%	0.052%
314	20.066	20.018	20.139	VV	2775	77704	1.08%	0.129%
315	20.348	20.139	20.373	VV	747	61475	0.86%	0.102%
316	20.438	20.373	20.471	VV	2165	68623	0.96%	0.114%
317	20.594	20.471	20.632	VV	2861	172594	2.41%	0.287%
318	20.708	20.632	20.745	VV	2931	157358	2.19%	0.262%
319	20.798	20.745	20.859	VV	3187	177971	2.48%	0.296%
320	21.178	20.859	21.231	VV	2889	514352	7.17%	0.855%
321	21.607	21.231	21.642	VV	1645	403634	5.63%	0.671%
322	21.854	21.642	21.864	VV	1029	148181	2.07%	0.246%
323	21.879	21.864	21.890	VV	972	14269	0.20%	0.024%
324	21.942	21.890	21.951	VV	791	29243	0.41%	0.049%
325	22.099	21.951	22.146	VV	1316	87071	1.21%	0.145%
326	22.175	22.146	22.201	VV	376	11255	0.16%	0.019%
327	22.215	22.201	22.227	VV	163	2246	0.03%	0.004%

Sum of corrected areas: 60154453

Aliphatic EPH 032925.M Tue Apr 01 02:23:37 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053075.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 17:02
Operator : YP\AJ
Sample : Q1675-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
P2

Integration File: autoint1.e
Quant Time: Apr 01 01:40:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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)	11.900	6274385	38.521 ug/ml
Spiked Amount 50.000		Recovery =	77.04%
12) S 1-chlorooctadecane (S...	13.344	4598873	38.310 ug/ml
Spiked Amount 50.000		Recovery =	76.62%
Target Compounds			

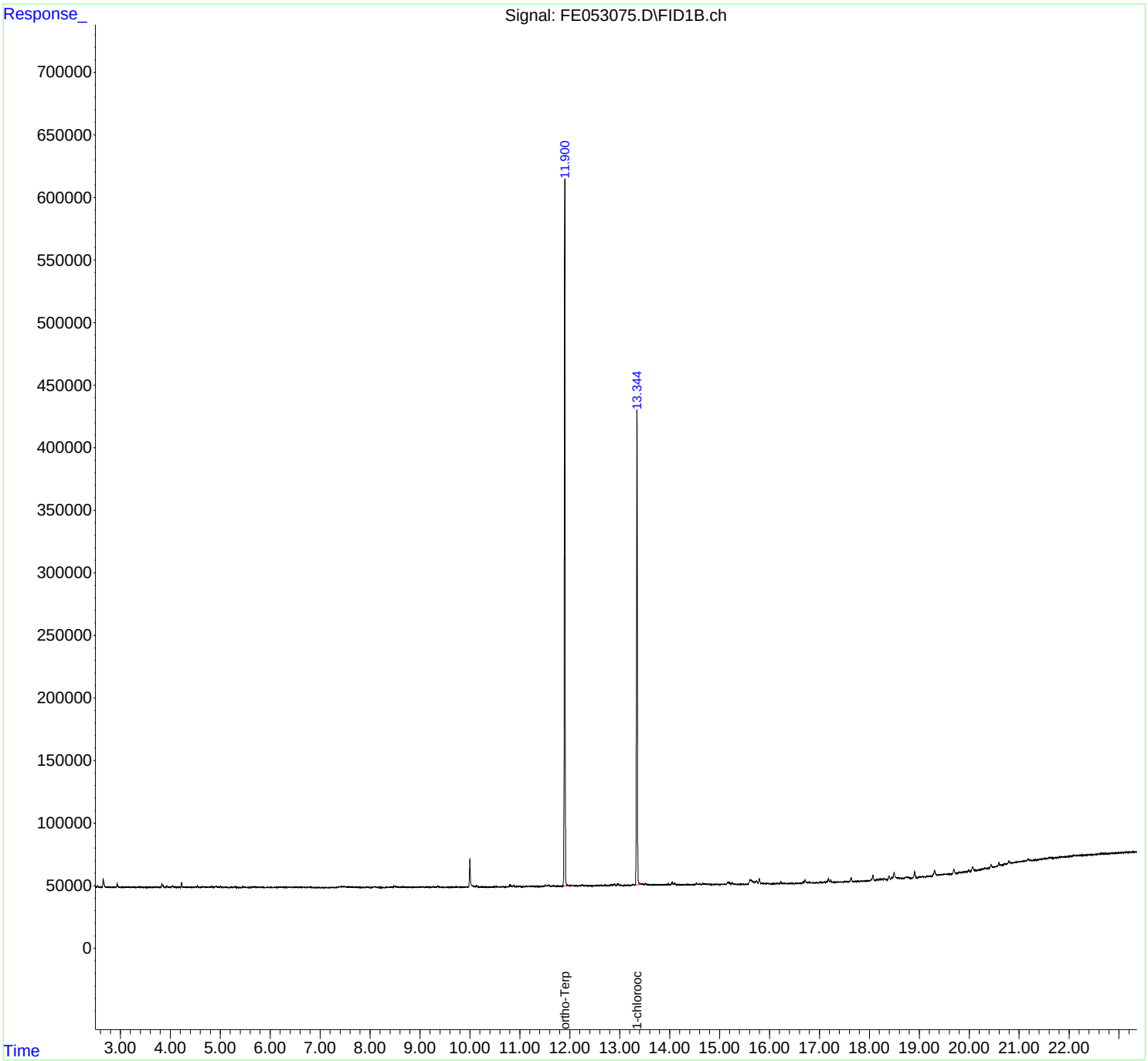
(f)=RT Delta > 1/2 Window (m)=manual int.

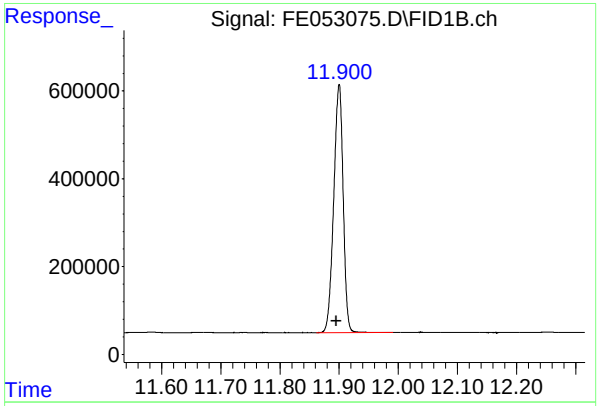
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053075.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 17:02
Operator : YP\AJ
Sample : Q1675-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
P2

Integration File: autoint1.e
Quant Time: Apr 01 01:40:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

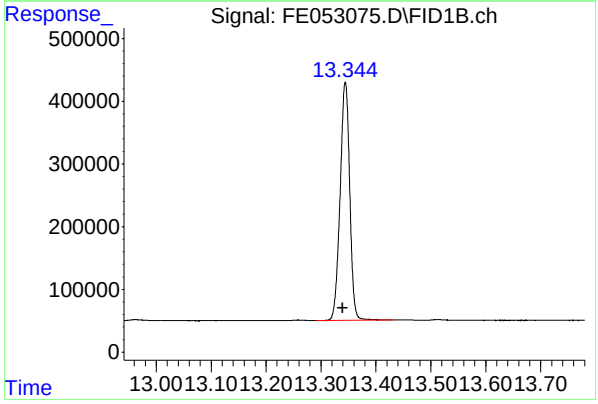




#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: 0.005 min
Response: 6274385
Conc: 38.52 ug/ml

Instrument :
FID_E
ClientSampleId :
P2



#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: 0.005 min
Response: 4598873
Conc: 38.31 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053075.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 17:02
Sample : Q1675-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	2.877	2.801	2.905	BV	205	2721	0.04%	0.016%
2	2.935	2.905	3.001	PV	2957	36458	0.58%	0.215%
3	3.019	3.001	3.028	VV	182	1995	0.03%	0.012%
4	3.045	3.028	3.100	VV	155	4216	0.07%	0.025%
5	3.115	3.100	3.148	VV	215	3384	0.05%	0.020%
6	3.163	3.148	3.223	VV	203	5235	0.08%	0.031%
7	3.244	3.223	3.344	VV	481	12730	0.20%	0.075%
8	3.360	3.344	3.374	VV	244	3111	0.05%	0.018%
9	3.411	3.374	3.468	VV	225	8976	0.14%	0.053%
10	3.479	3.468	3.501	VV	165	2747	0.04%	0.016%
11	3.525	3.501	3.544	VV	196	3659	0.06%	0.022%
12	3.558	3.544	3.572	VV	237	2780	0.04%	0.016%
13	3.582	3.572	3.594	VV	152	1733	0.03%	0.010%
14	3.612	3.594	3.627	VV	180	2574	0.04%	0.015%
15	3.663	3.627	3.678	VV	181	3796	0.06%	0.022%
16	3.687	3.678	3.709	VV	245	3410	0.05%	0.020%
17	3.730	3.709	3.764	VV	542	10089	0.16%	0.059%
18	3.775	3.764	3.800	VV	241	3766	0.06%	0.022%
19	3.831	3.800	3.846	VV	2949	33243	0.53%	0.196%
20	3.854	3.846	3.910	VV	1465	21617	0.34%	0.127%
21	3.930	3.910	4.001	VV	1455	21581	0.34%	0.127%
22	4.009	4.001	4.018	VV	235	1888	0.03%	0.011%
23	4.039	4.018	4.130	VV	1304	34460	0.55%	0.203%
24	4.149	4.130	4.194	VV	358	9749	0.16%	0.057%
25	4.225	4.194	4.266	VV	4121	51879	0.83%	0.305%
26	4.275	4.266	4.331	VV	341	9878	0.16%	0.058%
27	4.349	4.331	4.380	VV	293	6972	0.11%	0.041%
28	4.391	4.380	4.435	VV	239	7134	0.11%	0.042%
29	4.443	4.435	4.482	VV	281	5265	0.08%	0.031%
30	4.503	4.482	4.523	VV	618	9361	0.15%	0.055%
31	4.541	4.523	4.566	VV	1243	15689	0.25%	0.092%
32	4.577	4.566	4.609	VV	370	6909	0.11%	0.041%
33	4.624	4.609	4.641	VV	336	4773	0.08%	0.028%
34	4.660	4.641	4.711	VV	561	14721	0.23%	0.087%
35	4.725	4.711	4.737	VV	283	4002	0.06%	0.024%
36	4.765	4.737	4.776	VV	361	7283	0.12%	0.043%

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37	4.841	4.776	4.875	VV	650	27983	0.45%	0.165%
38	4.892	4.875	4.906	VV	600	8764	0.14%	0.052%
39	4.923	4.906	4.947	VV	994	14557	0.23%	0.086%
40	4.966	4.947	4.991	VV	642	11768	0.19%	0.069%
41	5.007	4.991	5.059	VV	814	14151	0.23%	0.083%
42	5.085	5.059	5.146	VV	447	9808	0.16%	0.058%
43	5.166	5.146	5.183	PV	155	2277	0.04%	0.013%
44	5.214	5.183	5.248	VV	861	14108	0.22%	0.083%
45	5.262	5.248	5.274	VV	351	3733	0.06%	0.022%
46	5.294	5.274	5.384	VV	756	13559	0.22%	0.080%
47	5.454	5.384	5.488	VV	667	12185	0.19%	0.072%
48	5.501	5.488	5.549	VV	390	7217	0.11%	0.042%
49	5.572	5.549	5.595	VV	147	2573	0.04%	0.015%
50	5.645	5.595	5.664	VV	645	10557	0.17%	0.062%
51	5.676	5.664	5.738	VV	600	16570	0.26%	0.098%
52	5.771	5.738	5.808	VV	281	8565	0.14%	0.050%
53	5.841	5.808	5.858	VV	363	6893	0.11%	0.041%
54	5.867	5.858	5.882	VV	246	2489	0.04%	0.015%
55	5.938	5.882	5.980	VV	538	12860	0.20%	0.076%
56	5.999	5.980	6.013	VV	287	3832	0.06%	0.023%
57	6.035	6.013	6.067	VV	277	5848	0.09%	0.034%
58	6.099	6.067	6.109	VV	237	4347	0.07%	0.026%
59	6.124	6.109	6.147	VV	237	4351	0.07%	0.026%
60	6.188	6.147	6.203	VV	326	7547	0.12%	0.044%
61	6.223	6.203	6.242	VV	562	9399	0.15%	0.055%
62	6.257	6.242	6.302	VV	316	8553	0.14%	0.050%
63	6.331	6.302	6.344	VV	183	4373	0.07%	0.026%
64	6.393	6.344	6.441	VV	356	13015	0.21%	0.077%
65	6.474	6.441	6.485	VV	244	5351	0.09%	0.031%
66	6.524	6.485	6.568	VV	365	13262	0.21%	0.078%
67	6.577	6.568	6.661	VV	267	12330	0.20%	0.073%
68	6.684	6.661	6.746	VV	426	9849	0.16%	0.058%
69	6.773	6.746	6.824	VV	444	12652	0.20%	0.074%
70	6.834	6.824	6.874	VV	231	4486	0.07%	0.026%
71	6.881	6.874	6.897	VV	91	1154	0.02%	0.007%
72	6.925	6.897	6.939	VV	113	2179	0.03%	0.013%
73	6.966	6.939	7.061	VV	163	5711	0.09%	0.034%
74	7.091	7.061	7.122	PV	206	2906	0.05%	0.017%
75	7.137	7.122	7.181	VV	73	693	0.01%	0.004%
76	7.191	7.181	7.211	VV	166	1091	0.02%	0.006%
77	7.254	7.211	7.298	VV	227	5302	0.08%	0.031%
78	7.324	7.298	7.341	VV	368	5675	0.09%	0.033%
79	7.364	7.341	7.384	VV	684	11349	0.18%	0.067%
80	7.409	7.384	7.440	VV	788	22146	0.35%	0.130%
81	7.458	7.440	7.484	VV	804	18126	0.29%	0.107%
82	7.507	7.484	7.544	VV	700	20939	0.33%	0.123%
83	7.569	7.544	7.604	VV	560	18251	0.29%	0.107%
84	7.637	7.604	7.744	VV	647	28345	0.45%	0.167%
85	7.754	7.744	7.800	VV	251	4836	0.08%	0.028%
86	7.813	7.800	7.878	VV	157	3285	0.05%	0.019%
87	7.920	7.878	8.011	VV	558	12988	0.21%	0.076%
88	8.023	8.011	8.040	VV	106	1361	0.02%	0.008%
89	8.091	8.040	8.118	VV	1089	18715	0.30%	0.110%

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90	8.133	8.118	8.184	VV	292	7243	0.12%	0.043%
91	8.218	8.184	8.235	VV	182	2983	0.05%	0.018%
92	8.243	8.235	8.274	VV	53	1482	0.02%	0.009%
93	8.285	8.274	8.298	VV	55	587	0.01%	0.003%
94	8.336	8.298	8.352	PV	268	3574	0.06%	0.021%
95	8.361	8.352	8.373	VV	114	977	0.02%	0.006%
96	8.395	8.373	8.408	VV	370	5022	0.08%	0.030%
97	8.415	8.408	8.456	VV	371	9603	0.15%	0.057%
98	8.486	8.456	8.504	VV	967	17663	0.28%	0.104%
99	8.518	8.504	8.571	VV	779	16560	0.26%	0.097%
100	8.651	8.571	8.714	VV	475	22383	0.36%	0.132%
101	8.731	8.714	8.789	VV	177	5788	0.09%	0.034%
102	8.813	8.789	8.862	VV	206	4959	0.08%	0.029%
103	8.875	8.862	8.905	VV	108	2605	0.04%	0.015%
104	8.911	8.905	8.938	VV	132	2078	0.03%	0.012%
105	8.945	8.938	8.965	VV	259	3321	0.05%	0.020%
106	8.999	8.965	9.008	VV	448	7618	0.12%	0.045%
107	9.023	9.008	9.044	VV	374	7200	0.11%	0.042%
108	9.062	9.044	9.084	VV	427	7311	0.12%	0.043%
109	9.130	9.084	9.171	VV	576	14323	0.23%	0.084%
110	9.176	9.171	9.196	VV	150	2229	0.04%	0.013%
111	9.208	9.196	9.232	VV	204	3098	0.05%	0.018%
112	9.267	9.232	9.317	VV	554	14679	0.23%	0.086%
113	9.351	9.317	9.424	VV	1031	24968	0.40%	0.147%
114	9.434	9.424	9.471	VV	142	2379	0.04%	0.014%
115	9.497	9.471	9.517	VV	147	2559	0.04%	0.015%
116	9.532	9.517	9.563	VV	224	3081	0.05%	0.018%
117	9.578	9.563	9.591	VV	78	705	0.01%	0.004%
118	9.601	9.591	9.611	VV	89	489	0.01%	0.003%
119	9.632	9.611	9.676	PV	138	2441	0.04%	0.014%
120	9.730	9.676	9.761	VV	345	7174	0.11%	0.042%
121	9.798	9.761	9.835	VV	268	6328	0.10%	0.037%
122	9.856	9.835	9.875	VV	185	2083	0.03%	0.012%
123	9.914	9.875	9.937	VV	123	3823	0.06%	0.022%
124	9.965	9.937	9.974	VV	376	4248	0.07%	0.025%
125	10.000	9.974	10.111	VV	22136	313950	4.99%	1.847%
126	10.133	10.111	10.218	VV	1588	31140	0.50%	0.183%
127	10.238	10.218	10.352	VV	387	11343	0.18%	0.067%
128	10.365	10.352	10.378	PV	27	482	0.01%	0.003%
129	10.381	10.378	10.391	PV	88	224	0.00%	0.001%
130	10.402	10.391	10.421	VV	84	824	0.01%	0.005%
131	10.478	10.421	10.496	VV	230	5575	0.09%	0.033%
132	10.524	10.496	10.551	VV	441	8886	0.14%	0.052%
133	10.580	10.551	10.595	VV	353	6712	0.11%	0.039%
134	10.606	10.595	10.648	VV	300	5859	0.09%	0.034%
135	10.663	10.648	10.704	VV	234	3643	0.06%	0.021%
136	10.725	10.704	10.737	PV	152	1522	0.02%	0.009%
137	10.758	10.737	10.767	VV	258	3196	0.05%	0.019%
138	10.801	10.767	10.854	VV	2265	38290	0.61%	0.225%
139	10.876	10.854	10.918	VV	1209	21589	0.34%	0.127%
140	10.945	10.918	10.968	VV	547	10700	0.17%	0.063%
141	10.974	10.968	11.048	VV	316	7066	0.11%	0.042%

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142	11.097	11.048	11.121	PV	264	5460	0.09%	0.032%
143	11.132	11.121	11.168	VV	399	6500	0.10%	0.038%
144	11.174	11.168	11.184	VV	94	860	0.01%	0.005%
145	11.214	11.184	11.234	VV	449	7945	0.13%	0.047%
146	11.254	11.234	11.316	VV	293	9982	0.16%	0.059%
147	11.357	11.316	11.403	VV	270	6079	0.10%	0.036%
148	11.434	11.403	11.458	PV	224	4176	0.07%	0.025%
149	11.461	11.458	11.471	VV	135	675	0.01%	0.004%
150	11.513	11.471	11.537	VV	1318	20544	0.33%	0.121%
151	11.553	11.537	11.565	VV	830	10057	0.16%	0.059%
152	11.583	11.565	11.638	VV	1488	24471	0.39%	0.144%
153	11.674	11.638	11.710	VV	695	16212	0.26%	0.095%
154	11.739	11.710	11.756	VV	372	6296	0.10%	0.037%
155	11.776	11.756	11.798	VV	338	5222	0.08%	0.031%
156	11.814	11.798	11.842	VV	199	3790	0.06%	0.022%
157	11.900	11.842	11.957	VV	571648	6286548	100.00%	36.994%
158	11.971	11.957	12.000	VV	766	16082	0.26%	0.095%
159	12.036	12.000	12.081	VV	912	28884	0.46%	0.170%
160	12.088	12.081	12.108	VV	478	6424	0.10%	0.038%
161	12.122	12.108	12.168	VV	422	10860	0.17%	0.064%
162	12.190	12.168	12.208	VV	605	9733	0.15%	0.057%
163	12.253	12.208	12.298	VV	1195	28747	0.46%	0.169%
164	12.314	12.298	12.324	VV	326	4435	0.07%	0.026%
165	12.343	12.324	12.371	VV	706	11489	0.18%	0.068%
166	12.382	12.371	12.390	VV	206	2212	0.04%	0.013%
167	12.410	12.390	12.439	VV	287	6095	0.10%	0.036%
168	12.471	12.439	12.498	VV	256	7331	0.12%	0.043%
169	12.541	12.498	12.558	VV	418	11024	0.18%	0.065%
170	12.614	12.558	12.651	VV	559	21022	0.33%	0.124%
171	12.665	12.651	12.684	VV	418	6632	0.11%	0.039%
172	12.706	12.684	12.751	VV	626	16875	0.27%	0.099%
173	12.838	12.751	12.864	VV	806	29602	0.47%	0.174%
174	12.897	12.864	12.934	VV	1661	32295	0.51%	0.190%
175	12.962	12.934	13.000	VV	1815	36736	0.58%	0.216%
176	13.012	13.000	13.074	VV	460	12386	0.20%	0.073%
177	13.103	13.074	13.124	VV	297	7014	0.11%	0.041%
178	13.148	13.124	13.184	VV	406	11238	0.18%	0.066%
179	13.195	13.184	13.208	VV	299	3583	0.06%	0.021%
180	13.218	13.208	13.233	VV	303	3692	0.06%	0.022%
181	13.259	13.233	13.291	VV	1037	19346	0.31%	0.114%
182	13.344	13.291	13.432	VV	381029	4656420	74.07%	27.401%
183	13.455	13.432	13.484	VV	1308	33416	0.53%	0.197%
184	13.512	13.484	13.574	VV	1625	50187	0.80%	0.295%
185	13.587	13.574	13.634	VV	610	17437	0.28%	0.103%
186	13.650	13.634	13.664	VV	408	7109	0.11%	0.042%
187	13.682	13.664	13.691	VV	478	6727	0.11%	0.040%
188	13.731	13.691	13.758	VV	516	18067	0.29%	0.106%
189	13.770	13.758	13.799	VV	458	9633	0.15%	0.057%
190	13.818	13.799	13.834	VV	359	7541	0.12%	0.044%
191	13.852	13.834	13.894	VV	529	14913	0.24%	0.088%
192	13.916	13.894	13.930	VV	493	9000	0.14%	0.053%
193	13.950	13.930	13.990	VV	561	17448	0.28%	0.103%
194	14.006	13.990	14.021	VV	568	9031	0.14%	0.053%

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195	14.051	14.021	14.076	VV	2782	44725	0.71%	0.263%
196	14.098	14.076	14.231	VV	1677	52177	0.83%	0.307%
197	14.258	14.231	14.289	VV	269	7594	0.12%	0.045%
198	14.317	14.289	14.351	VV	441	11432	0.18%	0.067%
199	14.370	14.351	14.381	VV	295	4784	0.08%	0.028%
200	14.389	14.381	14.395	VV	248	1881	0.03%	0.011%
201	14.458	14.395	14.484	VV	357	13588	0.22%	0.080%
202	14.535	14.484	14.582	VV	1223	35838	0.57%	0.211%
203	14.612	14.582	14.641	VV	718	17643	0.28%	0.104%
204	14.663	14.641	14.681	VV	1114	16962	0.27%	0.100%
205	14.693	14.681	14.707	VV	587	8323	0.13%	0.049%
206	14.723	14.707	14.812	VV	678	25222	0.40%	0.148%
207	14.828	14.812	14.854	VV	396	6178	0.10%	0.036%
208	14.864	14.854	14.874	VV	236	2073	0.03%	0.012%
209	14.914	14.874	14.943	VV	381	11586	0.18%	0.068%
210	14.952	14.943	15.002	VV	375	6781	0.11%	0.040%
211	15.012	15.002	15.026	VV	142	2137	0.03%	0.013%
212	15.046	15.026	15.070	VV	322	5543	0.09%	0.033%
213	15.097	15.070	15.115	VV	239	4551	0.07%	0.027%
214	15.167	15.115	15.234	VV	1805	72702	1.16%	0.428%
215	15.251	15.234	15.294	VV	1256	22232	0.35%	0.131%
216	15.311	15.294	15.368	VV	295	7533	0.12%	0.044%
217	15.399	15.368	15.421	VV	307	4665	0.07%	0.027%
218	15.462	15.421	15.490	VV	204	4568	0.07%	0.027%
219	15.522	15.490	15.565	VV	174	3318	0.05%	0.020%
220	15.615	15.565	15.704	PV	3535	183179	2.91%	1.078%
221	15.742	15.704	15.768	VV	2487	71898	1.14%	0.423%
222	15.795	15.768	15.841	VV	4529	84508	1.34%	0.497%
223	15.851	15.841	15.898	VV	642	16368	0.26%	0.096%
224	15.907	15.898	15.953	VV	401	10686	0.17%	0.063%
225	15.986	15.953	16.018	VV	318	10464	0.17%	0.062%
226	16.045	16.018	16.078	VV	268	7111	0.11%	0.042%
227	16.112	16.078	16.124	VV	237	4254	0.07%	0.025%
228	16.145	16.124	16.154	VV	289	4046	0.06%	0.024%
229	16.189	16.154	16.208	VV	438	9889	0.16%	0.058%
230	16.228	16.208	16.265	VV	1270	21025	0.33%	0.124%
231	16.292	16.265	16.343	VV	395	9758	0.16%	0.057%
232	16.366	16.343	16.381	VV	214	2639	0.04%	0.016%
233	16.429	16.381	16.464	VV	247	7395	0.12%	0.044%
234	16.478	16.464	16.495	VV	95	1215	0.02%	0.007%
235	16.502	16.495	16.507	VV	85	424	0.01%	0.002%
236	16.537	16.507	16.553	PV	187	3015	0.05%	0.018%
237	16.564	16.553	16.583	VV	145	1516	0.02%	0.009%
238	16.592	16.583	16.608	VV	106	996	0.02%	0.006%
239	16.676	16.608	16.690	VV	1156	22965	0.37%	0.135%
240	16.713	16.690	16.764	VV	2425	52457	0.83%	0.309%
241	16.790	16.764	16.811	VV	864	17034	0.27%	0.100%
242	16.822	16.811	16.894	VV	508	15526	0.25%	0.091%
243	16.902	16.894	16.961	VV	216	4464	0.07%	0.026%
244	17.011	16.961	17.024	PV	583	10380	0.17%	0.061%
245	17.034	17.024	17.071	VV	617	10180	0.16%	0.060%
246	17.098	17.071	17.123	VV	625	12857	0.20%	0.076%

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247	17.181	17.123	17.207	VV	3065	62375	0.99%	0.367%
248	17.226	17.207	17.249	VV	1559	23522	0.37%	0.138%
249	17.263	17.249	17.281	VV	409	5089	0.08%	0.030%
250	17.294	17.281	17.323	VV	227	4016	0.06%	0.024%
251	17.354	17.323	17.388	VV	302	8933	0.14%	0.053%
252	17.415	17.388	17.444	VV	252	5760	0.09%	0.034%
253	17.454	17.444	17.470	PV	72	728	0.01%	0.004%
254	17.518	17.470	17.537	VV	608	9422	0.15%	0.055%
255	17.558	17.537	17.578	VV	328	6111	0.10%	0.036%
256	17.632	17.578	17.689	VV	3339	63788	1.01%	0.375%
257	17.754	17.689	17.788	VV	375	10799	0.17%	0.064%
258	17.794	17.788	17.821	VV	106	1965	0.03%	0.012%
259	17.840	17.821	17.868	VV	225	3794	0.06%	0.022%
260	17.898	17.868	17.937	VV	185	3788	0.06%	0.022%
261	18.070	17.937	18.118	PV	4450	92020	1.46%	0.541%
262	18.164	18.118	18.184	VV	783	17943	0.29%	0.106%
263	18.214	18.184	18.231	VV	1029	18096	0.29%	0.106%
264	18.250	18.231	18.276	VV	745	15409	0.25%	0.091%
265	18.299	18.276	18.330	VV	1309	21943	0.35%	0.129%
266	18.342	18.330	18.355	VV	160	1700	0.03%	0.010%
267	18.392	18.355	18.422	VV	3146	53033	0.84%	0.312%
268	18.494	18.422	18.574	VV	5541	175689	2.79%	1.034%
269	18.583	18.574	18.663	VV	908	30104	0.48%	0.177%
270	18.732	18.663	18.842	VV	1031	55091	0.88%	0.324%
271	18.906	18.842	18.958	PV	4685	83954	1.34%	0.494%
272	19.007	18.958	19.028	VV	572	11598	0.18%	0.068%
273	19.063	19.028	19.088	VV	459	12232	0.19%	0.072%
274	19.093	19.088	19.128	VV	277	4253	0.07%	0.025%
275	19.164	19.128	19.181	VV	355	6091	0.10%	0.036%
276	19.215	19.181	19.240	VV	325	7189	0.11%	0.042%
277	19.305	19.240	19.386	PV	4653	127381	2.03%	0.750%
278	19.458	19.386	19.472	VV	513	23910	0.38%	0.141%
279	19.504	19.472	19.521	VV	742	15500	0.25%	0.091%
280	19.558	19.521	19.576	VV	493	11867	0.19%	0.070%
281	19.600	19.576	19.628	VV	289	5250	0.08%	0.031%
282	19.692	19.628	19.740	PV	3726	65503	1.04%	0.385%
283	19.810	19.740	19.822	VV	373	10802	0.17%	0.064%
284	19.877	19.822	19.902	VV	376	12471	0.20%	0.073%
285	19.939	19.902	19.948	VV	198	4519	0.07%	0.027%
286	19.989	19.948	20.021	VV	855	17030	0.27%	0.100%
287	20.066	20.021	20.151	VV	3397	77815	1.24%	0.458%
288	20.311	20.151	20.333	PV	1030	39296	0.63%	0.231%
289	20.359	20.333	20.371	VV	607	13201	0.21%	0.078%
290	20.436	20.371	20.490	VV	3023	88124	1.40%	0.519%
291	20.593	20.490	20.638	VV	3194	128260	2.04%	0.755%
292	20.708	20.638	20.727	VV	1898	86801	1.38%	0.511%
293	20.795	20.727	20.848	VV	3316	165149	2.63%	0.972%
294	21.089	20.848	21.098	VV	2034	303993	4.84%	1.789%
295	21.176	21.098	21.251	VV	3010	197581	3.14%	1.163%
296	21.496	21.251	21.534	VV	1658	261672	4.16%	1.540%
297	21.603	21.534	21.661	VV	1848	112162	1.78%	0.660%
298	21.909	21.661	21.931	VV	799	153991	2.45%	0.906%
299	22.095	21.931	22.152	VV	792	64613	1.03%	0.380%

					rteres				
300	22.172	22.152	22.181	VV	222	3840	0.06%	0.023%	
301	22.199	22.181	22.211	VV	100	1486	0.02%	0.009%	
				Sum of corrected areas:		16993633			

Aliphatic EPH 032925.M Tue Apr 01 02:24:43 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053078.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 18:33
Operator : YP\AJ
Sample : Q1675-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
P3

Integration File: autoint1.e
Quant Time: Apr 01 01:42:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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)	11.899	5349469	32.842 ug/ml
Spiked Amount 50.000		Recovery =	65.68%
12) S 1-chlorooctadecane (S...	13.343	3896718	32.461 ug/ml
Spiked Amount 50.000		Recovery =	64.92%
Target Compounds			

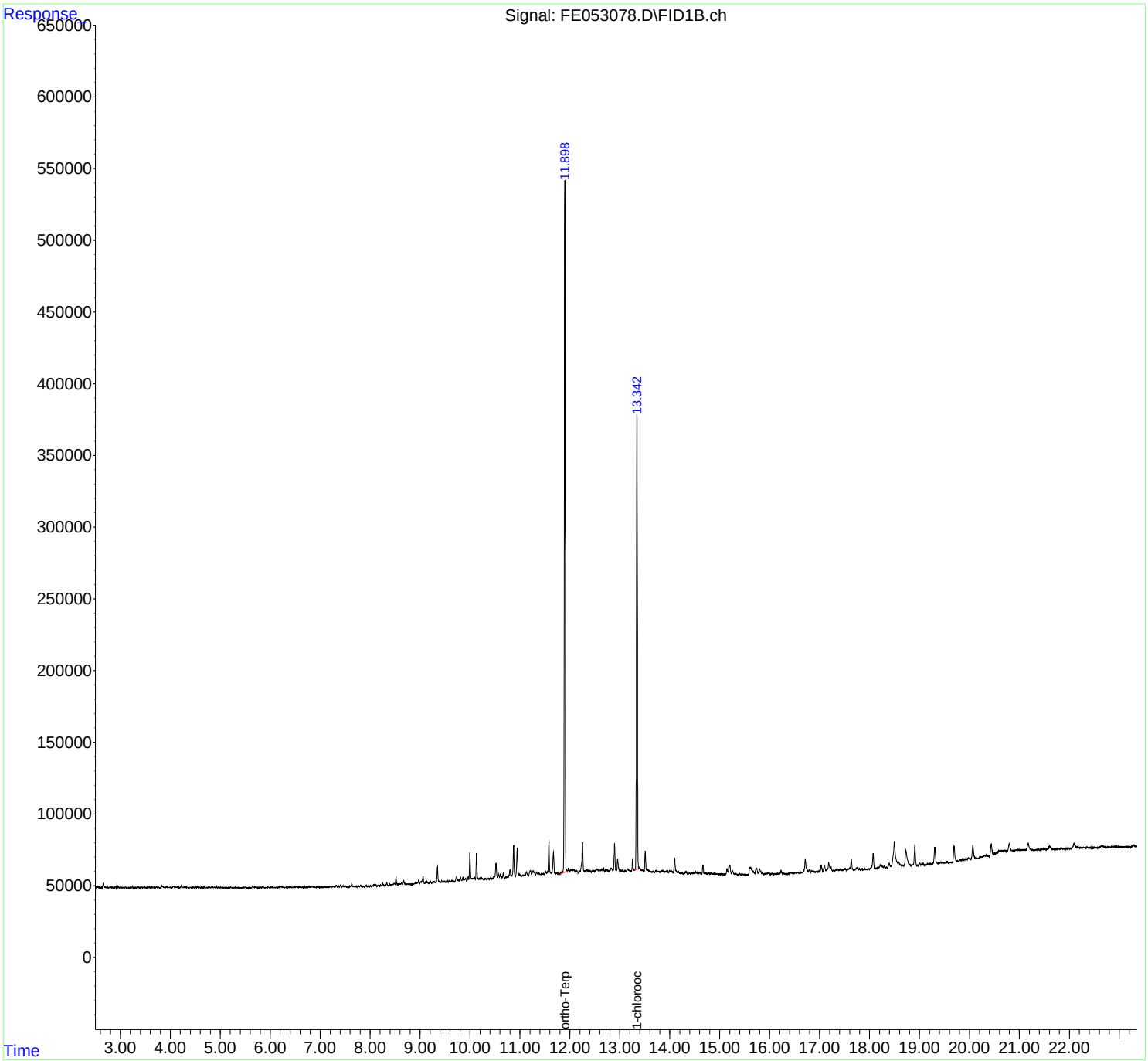
(f)=RT Delta > 1/2 Window (m)=manual int.

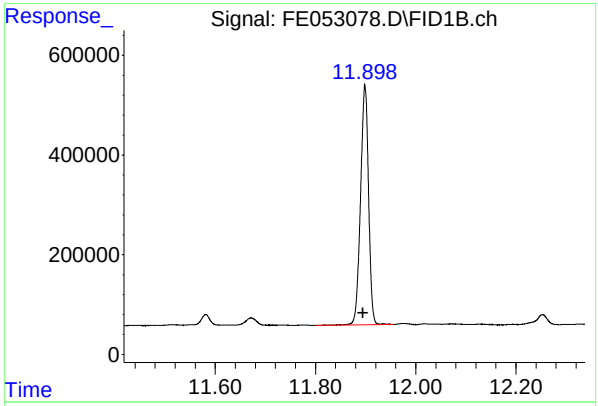
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053078.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 18:33
Operator : YP\AJ
Sample : Q1675-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
P3

Integration File: autoint1.e
Quant Time: Apr 01 01:42:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

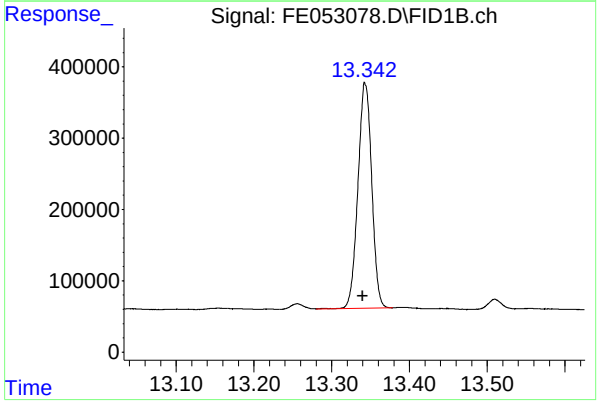




#9 ortho-Terphenyl (SURR)

R.T.: 11.899 min
Delta R.T.: 0.003 min
Response: 5349469
Conc: 32.84 ug/ml

Instrument :
FID_E
ClientSampleId :
P3



#12 1-chlorooctadecane (SURR)

R.T.: 13.343 min
Delta R.T.: 0.004 min
Response: 3896718
Conc: 32.46 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053078.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 18:33
Sample : Q1675-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	2.877	2.804	2.910	BV	289	2488	0.04%	0.007%
2	2.933	2.910	2.998	PV	1709	21766	0.37%	0.058%
3	3.021	2.998	3.034	PV	139	1724	0.03%	0.005%
4	3.047	3.034	3.162	VV	124	4253	0.07%	0.011%
5	3.170	3.162	3.210	VV	101	1625	0.03%	0.004%
6	3.241	3.210	3.298	PV	505	9229	0.16%	0.025%
7	3.355	3.298	3.401	VV	182	5877	0.10%	0.016%
8	3.412	3.401	3.442	VV	183	3073	0.05%	0.008%
9	3.475	3.442	3.531	VV	219	7870	0.13%	0.021%
10	3.555	3.531	3.595	VV	275	7801	0.13%	0.021%
11	3.613	3.595	3.662	VV	242	7632	0.13%	0.020%
12	3.693	3.662	3.714	VV	354	7237	0.12%	0.019%
13	3.730	3.714	3.756	VV	372	5881	0.10%	0.016%
14	3.776	3.756	3.801	VV	181	4260	0.07%	0.011%
15	3.830	3.801	3.845	VV	1237	16612	0.28%	0.044%
16	3.853	3.845	3.908	VV	755	11813	0.20%	0.031%
17	3.929	3.908	3.961	VV	763	12089	0.21%	0.032%
18	3.967	3.961	4.001	VV	254	4424	0.08%	0.012%
19	4.039	4.001	4.048	VV	847	11901	0.20%	0.032%
20	4.058	4.048	4.124	VV	795	23700	0.40%	0.063%
21	4.148	4.124	4.191	VV	482	12901	0.22%	0.034%
22	4.224	4.191	4.254	VV	1772	26209	0.45%	0.070%
23	4.274	4.254	4.304	VV	389	9888	0.17%	0.026%
24	4.330	4.304	4.377	VV	312	10649	0.18%	0.028%
25	4.399	4.377	4.423	VV	292	6061	0.10%	0.016%
26	4.445	4.423	4.481	VV	278	7848	0.13%	0.021%
27	4.503	4.481	4.521	VV	946	12160	0.21%	0.032%
28	4.541	4.521	4.565	VV	721	11490	0.20%	0.031%
29	4.578	4.565	4.643	VV	331	11467	0.19%	0.030%
30	4.675	4.643	4.696	VV	564	10238	0.17%	0.027%
31	4.737	4.696	4.774	VV	295	10310	0.18%	0.027%
32	4.790	4.774	4.803	VV	370	4936	0.08%	0.013%
33	4.817	4.803	4.858	VV	310	8556	0.15%	0.023%
34	4.890	4.858	4.904	VV	422	8850	0.15%	0.023%
35	4.923	4.904	4.947	VV	727	12301	0.21%	0.033%
36	4.968	4.947	4.988	VV	512	9682	0.16%	0.026%

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37	5.005	4.988	5.074	VV	529	13209	0.22%	0.035%
38	5.085	5.074	5.141	VV	323	7069	0.12%	0.019%
39	5.166	5.141	5.174	VV	195	3448	0.06%	0.009%
40	5.213	5.174	5.244	VV	393	10439	0.18%	0.028%
41	5.260	5.244	5.274	VV	312	4393	0.07%	0.012%
42	5.293	5.274	5.310	VV	464	7084	0.12%	0.019%
43	5.326	5.310	5.371	VV	308	6890	0.12%	0.018%
44	5.388	5.371	5.399	PV	103	1486	0.03%	0.004%
45	5.454	5.399	5.481	VV	668	12290	0.21%	0.033%
46	5.500	5.481	5.576	VV	278	10250	0.17%	0.027%
47	5.585	5.576	5.611	VV	166	1776	0.03%	0.005%
48	5.646	5.611	5.665	VV	1067	13347	0.23%	0.035%
49	5.676	5.665	5.683	VV	368	3643	0.06%	0.010%
50	5.695	5.683	5.760	VV	479	12299	0.21%	0.033%
51	5.775	5.760	5.811	VV	198	3944	0.07%	0.010%
52	5.838	5.811	5.862	VV	393	6949	0.12%	0.018%
53	5.873	5.862	5.892	VV	182	2340	0.04%	0.006%
54	5.912	5.892	5.918	VV	159	1671	0.03%	0.004%
55	5.941	5.918	5.984	VV	435	10946	0.19%	0.029%
56	5.995	5.984	6.020	VV	247	4410	0.07%	0.012%
57	6.037	6.020	6.062	VV	361	5884	0.10%	0.016%
58	6.092	6.062	6.113	VV	199	4850	0.08%	0.013%
59	6.127	6.113	6.149	VV	275	3592	0.06%	0.010%
60	6.179	6.149	6.198	VV	305	6179	0.10%	0.016%
61	6.221	6.198	6.307	VV	936	24067	0.41%	0.064%
62	6.324	6.307	6.348	VV	334	4671	0.08%	0.012%
63	6.394	6.348	6.435	VV	475	14120	0.24%	0.037%
64	6.469	6.435	6.478	VV	233	4933	0.08%	0.013%
65	6.523	6.478	6.568	VV	613	18102	0.31%	0.048%
66	6.591	6.568	6.648	VV	408	11850	0.20%	0.031%
67	6.683	6.648	6.735	VV	1247	19095	0.32%	0.051%
68	6.769	6.735	6.820	VV	531	14616	0.25%	0.039%
69	6.836	6.820	6.858	VV	703	8690	0.15%	0.023%
70	6.871	6.858	6.924	VV	255	6356	0.11%	0.017%
71	6.934	6.924	6.951	VV	159	1646	0.03%	0.004%
72	6.965	6.951	6.988	VV	321	3670	0.06%	0.010%
73	7.026	6.988	7.064	VV	223	5943	0.10%	0.016%
74	7.089	7.064	7.128	PV	361	6241	0.11%	0.017%
75	7.158	7.128	7.171	PV	166	2957	0.05%	0.008%
76	7.218	7.171	7.241	VV	514	12158	0.21%	0.032%
77	7.259	7.241	7.281	VV	555	8494	0.14%	0.023%
78	7.321	7.281	7.348	VV	1311	26507	0.45%	0.070%
79	7.364	7.348	7.384	VV	729	10764	0.18%	0.029%
80	7.406	7.384	7.440	VV	1210	20604	0.35%	0.055%
81	7.458	7.440	7.484	VV	858	12276	0.21%	0.033%
82	7.506	7.484	7.559	VV	526	10812	0.18%	0.029%
83	7.633	7.559	7.708	VV	2504	45549	0.77%	0.121%
84	7.764	7.708	7.778	VV	436	9273	0.16%	0.025%
85	7.809	7.778	7.848	VV	726	13686	0.23%	0.036%
86	7.860	7.848	7.871	VV	154	1333	0.02%	0.004%
87	7.920	7.871	7.959	PV	903	16266	0.28%	0.043%
88	7.972	7.959	7.990	VV	275	3649	0.06%	0.010%
89	8.009	7.990	8.038	VV	412	5642	0.10%	0.015%

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90	8.065	8.038	8.075	VV	1055	13944	0.24%	0.037%
91	8.092	8.075	8.144	VV	1318	28749	0.49%	0.076%
92	8.164	8.144	8.188	VV	590	9711	0.17%	0.026%
93	8.209	8.188	8.226	VV	1048	14308	0.24%	0.038%
94	8.247	8.226	8.293	VV	1833	36227	0.62%	0.096%
95	8.336	8.293	8.369	VV	2448	39964	0.68%	0.106%
96	8.391	8.369	8.413	VV	1176	20271	0.34%	0.054%
97	8.440	8.413	8.452	VV	1098	20254	0.34%	0.054%
98	8.482	8.452	8.497	VV	1694	34625	0.59%	0.092%
99	8.519	8.497	8.557	VV	5748	87861	1.49%	0.233%
100	8.580	8.557	8.594	VV	1413	25132	0.43%	0.067%
101	8.627	8.594	8.651	VV	1669	43561	0.74%	0.116%
102	8.675	8.651	8.694	VV	3458	53422	0.91%	0.142%
103	8.707	8.694	8.724	VV	1085	17761	0.30%	0.047%
104	8.742	8.724	8.753	VV	999	15579	0.26%	0.041%
105	8.767	8.753	8.793	VV	979	20110	0.34%	0.053%
106	8.808	8.793	8.834	VV	794	16350	0.28%	0.043%
107	8.850	8.834	8.864	VV	745	11046	0.19%	0.029%
108	8.909	8.864	8.928	VV	1612	46581	0.79%	0.124%
109	8.944	8.928	8.956	VV	1811	26465	0.45%	0.070%
110	8.974	8.956	8.995	VV	3620	54009	0.92%	0.143%
111	9.014	8.995	9.026	VV	2395	34313	0.58%	0.091%
112	9.060	9.026	9.088	VV	6024	121191	2.06%	0.322%
113	9.113	9.088	9.126	VV	2218	37501	0.64%	0.100%
114	9.140	9.126	9.158	VV	2105	32018	0.54%	0.085%
115	9.207	9.158	9.228	VV	2012	64270	1.09%	0.171%
116	9.267	9.228	9.311	VV	2177	84518	1.44%	0.224%
117	9.349	9.311	9.408	VV	12305	225075	3.82%	0.598%
118	9.433	9.408	9.458	VV	2566	57711	0.98%	0.153%
119	9.492	9.458	9.514	VV	2016	57852	0.98%	0.154%
120	9.538	9.514	9.566	VV	2373	62839	1.07%	0.167%
121	9.583	9.566	9.602	VV	2190	40540	0.69%	0.108%
122	9.650	9.602	9.671	VV	2335	82339	1.40%	0.219%
123	9.681	9.671	9.695	VV	1928	26421	0.45%	0.070%
124	9.732	9.695	9.760	VV	4982	128478	2.18%	0.341%
125	9.810	9.760	9.835	VV	4389	137987	2.34%	0.366%
126	9.857	9.835	9.876	VV	4279	76878	1.31%	0.204%
127	9.910	9.876	9.934	VV	3935	105245	1.79%	0.279%
128	9.964	9.934	9.977	VV	4657	81599	1.39%	0.217%
129	9.999	9.977	10.033	VV	21795	311815	5.30%	0.828%
130	10.045	10.033	10.061	VV	3573	57632	0.98%	0.153%
131	10.087	10.061	10.107	VV	4281	103309	1.76%	0.274%
132	10.132	10.107	10.175	VV	21091	322053	5.47%	0.855%
133	10.208	10.175	10.224	VV	3521	96984	1.65%	0.257%
134	10.236	10.224	10.281	VV	3542	101442	1.72%	0.269%
135	10.305	10.281	10.328	VV	3103	78565	1.33%	0.209%
136	10.342	10.328	10.351	VV	2908	39211	0.67%	0.104%
137	10.367	10.351	10.387	VV	3136	62649	1.06%	0.166%
138	10.409	10.387	10.438	VV	3277	88518	1.50%	0.235%
139	10.481	10.438	10.495	VV	4945	127878	2.17%	0.339%
140	10.522	10.495	10.551	VV	13676	258930	4.40%	0.687%
141	10.573	10.551	10.592	VV	5276	110366	1.88%	0.293%

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142	10.611	10.592	10.636	VV	5863	123731	2.10%	0.328%
143	10.668	10.636	10.695	VV	6905	164555	2.80%	0.437%
144	10.717	10.695	10.737	VV	3868	90187	1.53%	0.239%
145	10.801	10.737	10.826	VV	8667	273049	4.64%	0.725%
146	10.875	10.826	10.910	VV	25591	483883	8.22%	1.285%
147	10.947	10.910	10.978	VV	23645	451799	7.68%	1.199%
148	10.989	10.978	11.028	VV	5389	146304	2.49%	0.388%
149	11.131	11.028	11.173	VV	7139	434425	7.38%	1.153%
150	11.205	11.173	11.236	VV	7601	237946	4.04%	0.632%
151	11.268	11.236	11.312	VV	7615	283290	4.81%	0.752%
152	11.332	11.312	11.371	VV	6627	198463	3.37%	0.527%
153	11.384	11.371	11.421	VV	6234	159643	2.71%	0.424%
154	11.440	11.421	11.459	VV	5537	117703	2.00%	0.312%
155	11.514	11.459	11.536	VV	6498	262222	4.46%	0.696%
156	11.581	11.536	11.637	VV	27164	596836	10.14%	1.584%
157	11.672	11.637	11.715	VV	20130	469708	7.98%	1.247%
158	11.736	11.715	11.757	VV	5822	136136	2.31%	0.361%
159	11.777	11.757	11.800	VV	5694	136317	2.32%	0.362%
160	11.899	11.800	11.954	VV	484373	5885308	100.00%	15.624%
161	11.977	11.954	12.000	VV	8775	208379	3.54%	0.553%
162	12.019	12.000	12.054	VV	7795	232782	3.96%	0.618%
163	12.072	12.054	12.104	VV	7589	211255	3.59%	0.561%
164	12.127	12.104	12.166	VV	6897	238801	4.06%	0.634%
165	12.192	12.166	12.204	VV	6623	142897	2.43%	0.379%
166	12.253	12.204	12.287	VV	26164	606469	10.30%	1.610%
167	12.330	12.287	12.369	VV	6999	320787	5.45%	0.852%
168	12.376	12.369	12.398	VV	6455	109440	1.86%	0.291%
169	12.410	12.398	12.428	VV	6368	106889	1.82%	0.284%
170	12.455	12.428	12.467	VV	6429	141314	2.40%	0.375%
171	12.484	12.467	12.501	VV	6466	125960	2.14%	0.334%
172	12.527	12.501	12.579	VV	7314	321577	5.46%	0.854%
173	12.638	12.579	12.649	VV	7170	277676	4.72%	0.737%
174	12.668	12.649	12.700	VV	8185	211620	3.60%	0.562%
175	12.721	12.700	12.775	VV	7338	291706	4.96%	0.774%
176	12.831	12.775	12.858	VV	7549	328689	5.58%	0.873%
177	12.896	12.858	12.933	VV	24857	509376	8.66%	1.352%
178	12.957	12.933	12.996	VV	14075	335279	5.70%	0.890%
179	13.009	12.996	13.024	VV	6237	103720	1.76%	0.275%
180	13.043	13.024	13.080	VV	6164	187693	3.19%	0.498%
181	13.100	13.080	13.126	VV	5542	147363	2.50%	0.391%
182	13.154	13.126	13.208	VV	6993	292923	4.98%	0.778%
183	13.219	13.208	13.232	VV	5484	77504	1.32%	0.206%
184	13.256	13.232	13.280	VV	12909	242669	4.12%	0.644%
185	13.291	13.280	13.304	VV	6468	91466	1.55%	0.243%
186	13.343	13.304	13.379	VV	320784	4188157	71.16%	11.118%
187	13.391	13.379	13.434	VV	7706	225369	3.83%	0.598%
188	13.442	13.434	13.474	VV	6166	133804	2.27%	0.355%
189	13.510	13.474	13.538	VV	18978	361837	6.15%	0.961%
190	13.555	13.538	13.631	VV	6175	292720	4.97%	0.777%
191	13.675	13.631	13.700	VV	4907	181061	3.08%	0.481%
192	13.740	13.700	13.805	VV	5481	293168	4.98%	0.778%
193	13.821	13.805	13.833	VV	4622	72046	1.22%	0.191%
194	13.853	13.833	13.914	VV	5156	222379	3.78%	0.590%

rteres

195	13.939	13.914	13.976	VV	4737	160971	2.74%	0.427%
196	13.999	13.976	14.028	VV	5047	135821	2.31%	0.361%
197	14.047	14.028	14.069	VV	4361	96159	1.63%	0.255%
198	14.097	14.069	14.151	VV	13451	310429	5.27%	0.824%
199	14.167	14.151	14.205	VV	3989	113192	1.92%	0.300%
200	14.215	14.205	14.226	VV	2869	34879	0.59%	0.093%
201	14.243	14.226	14.271	VV	2899	73275	1.25%	0.195%
202	14.280	14.271	14.291	VV	2565	28872	0.49%	0.077%
203	14.325	14.291	14.354	VV	3845	121095	2.06%	0.321%
204	14.367	14.354	14.379	VV	2751	38998	0.66%	0.104%
205	14.396	14.379	14.417	VV	2703	56331	0.96%	0.150%
206	14.433	14.417	14.446	VV	2471	43219	0.73%	0.115%
207	14.461	14.446	14.472	VV	2721	38977	0.66%	0.103%
208	14.521	14.472	14.561	VV	3171	154823	2.63%	0.411%
209	14.567	14.561	14.577	VV	2853	26070	0.44%	0.069%
210	14.601	14.577	14.636	VV	3162	93603	1.59%	0.248%
211	14.663	14.636	14.708	VV	7822	158049	2.69%	0.420%
212	14.724	14.708	14.743	VV	2366	43299	0.74%	0.115%
213	14.775	14.743	14.810	VV	2399	84432	1.43%	0.224%
214	14.831	14.810	14.853	VV	2646	51353	0.87%	0.136%
215	14.867	14.853	14.881	VV	1831	27389	0.47%	0.073%
216	14.913	14.881	14.933	VV	2032	55245	0.94%	0.147%
217	14.948	14.933	14.973	VV	1856	36907	0.63%	0.098%
218	14.985	14.973	15.002	VV	1496	22230	0.38%	0.059%
219	15.017	15.002	15.027	VV	1308	17702	0.30%	0.047%
220	15.041	15.027	15.076	VV	1412	34741	0.59%	0.092%
221	15.100	15.076	15.118	VV	1307	28281	0.48%	0.075%
222	15.145	15.118	15.164	VV	5080	87768	1.49%	0.233%
223	15.200	15.164	15.232	VV	6974	197665	3.36%	0.525%
224	15.255	15.232	15.290	VV	3448	79165	1.35%	0.210%
225	15.305	15.290	15.328	VV	1609	29494	0.50%	0.078%
226	15.338	15.328	15.371	VV	1021	19384	0.33%	0.051%
227	15.399	15.371	15.424	VV	1183	21630	0.37%	0.057%
228	15.455	15.424	15.546	VV	1111	41323	0.70%	0.110%
229	15.609	15.546	15.704	VV	5632	257822	4.38%	0.684%
230	15.731	15.704	15.769	VV	4437	119360	2.03%	0.317%
231	15.795	15.769	15.841	VV	4559	108318	1.84%	0.288%
232	15.858	15.841	15.891	VV	1468	26764	0.45%	0.071%
233	15.907	15.891	15.932	VV	686	14303	0.24%	0.038%
234	15.957	15.932	15.971	VV	1023	19350	0.33%	0.051%
235	15.985	15.971	16.021	VV	1056	18894	0.32%	0.050%
236	16.051	16.021	16.086	VV	762	14506	0.25%	0.039%
237	16.112	16.086	16.121	VV	393	5913	0.10%	0.016%
238	16.147	16.121	16.168	VV	558	10753	0.18%	0.029%
239	16.189	16.168	16.199	VV	531	7206	0.12%	0.019%
240	16.229	16.199	16.277	VV	2638	50048	0.85%	0.133%
241	16.288	16.277	16.333	VV	528	10051	0.17%	0.027%
242	16.353	16.333	16.379	VV	189	2706	0.05%	0.007%
243	16.425	16.379	16.454	PV	917	25062	0.43%	0.067%
244	16.460	16.454	16.481	VV	370	4814	0.08%	0.013%
245	16.523	16.481	16.550	VV	686	18634	0.32%	0.049%
246	16.571	16.550	16.608	VV	559	14934	0.25%	0.040%

rteres

247	16.624	16.608	16.644	VV	758	11302	0.19%	0.030%
248	16.711	16.644	16.774	VV	9229	238017	4.04%	0.632%
249	16.794	16.774	16.820	VV	2135	36925	0.63%	0.098%
250	16.841	16.820	16.868	VV	1491	29951	0.51%	0.080%
251	16.880	16.868	16.914	VV	1064	19096	0.32%	0.051%
252	16.943	16.914	16.961	VV	880	14958	0.25%	0.040%
253	17.032	16.961	17.067	VV	4812	100518	1.71%	0.267%
254	17.093	17.067	17.129	VV	4585	91769	1.56%	0.244%
255	17.181	17.129	17.212	VV	6071	145473	2.47%	0.386%
256	17.227	17.212	17.287	VV	3503	66580	1.13%	0.177%
257	17.368	17.287	17.388	VV	1241	50056	0.85%	0.133%
258	17.420	17.388	17.441	VV	1381	31828	0.54%	0.084%
259	17.514	17.441	17.538	VV	1420	50572	0.86%	0.134%
260	17.595	17.538	17.604	VV	1704	38376	0.65%	0.102%
261	17.632	17.604	17.688	VV	7754	136245	2.31%	0.362%
262	17.748	17.688	17.782	VV	1505	50491	0.86%	0.134%
263	17.799	17.782	17.823	VV	811	13214	0.22%	0.035%
264	17.842	17.823	17.883	VV	484	9448	0.16%	0.025%
265	17.916	17.883	17.948	VV	381	7280	0.12%	0.019%
266	17.971	17.948	17.997	PV	663	11932	0.20%	0.032%
267	18.070	17.997	18.133	VV	10909	198243	3.37%	0.526%
268	18.165	18.133	18.184	VV	850	16772	0.28%	0.045%
269	18.213	18.184	18.234	VV	2701	50659	0.86%	0.134%
270	18.249	18.234	18.274	VV	1609	31147	0.53%	0.083%
271	18.299	18.274	18.332	VV	1379	30862	0.52%	0.082%
272	18.391	18.332	18.427	VV	3113	74088	1.26%	0.197%
273	18.495	18.427	18.565	VV	18075	593022	10.08%	1.574%
274	18.579	18.565	18.682	VV	3604	131185	2.23%	0.348%
275	18.726	18.682	18.844	VV	11489	363293	6.17%	0.964%
276	18.905	18.844	18.961	VV	13161	238966	4.06%	0.634%
277	19.006	18.961	19.029	VV	1818	32787	0.56%	0.087%
278	19.057	19.029	19.126	VV	1319	40725	0.69%	0.108%
279	19.163	19.126	19.183	PV	933	16443	0.28%	0.044%
280	19.214	19.183	19.244	VV	756	17232	0.29%	0.046%
281	19.304	19.244	19.374	VV	11983	249793	4.24%	0.663%
282	19.414	19.374	19.434	VV	931	26644	0.45%	0.071%
283	19.451	19.434	19.480	VV	839	20670	0.35%	0.055%
284	19.503	19.480	19.518	VV	645	12710	0.22%	0.034%
285	19.555	19.518	19.581	VV	1048	24015	0.41%	0.064%
286	19.600	19.581	19.634	VV	582	11953	0.20%	0.032%
287	19.691	19.634	19.770	PV	11310	236551	4.02%	0.628%
288	19.812	19.770	19.828	VV	1224	30908	0.53%	0.082%
289	19.932	19.828	19.952	VV	1470	81531	1.39%	0.216%
290	19.983	19.952	20.016	VV	1969	55193	0.94%	0.147%
291	20.067	20.016	20.148	VV	10346	266459	4.53%	0.707%
292	20.222	20.148	20.250	VV	1762	78356	1.33%	0.208%
293	20.303	20.250	20.325	VV	2270	84499	1.44%	0.224%
294	20.346	20.325	20.390	VV	2274	76669	1.30%	0.204%
295	20.434	20.390	20.484	VV	9908	262448	4.46%	0.697%
296	20.502	20.484	20.521	VV	3151	65194	1.11%	0.173%
297	20.594	20.521	20.641	VV	4707	281790	4.79%	0.748%
298	20.652	20.641	20.686	VV	4336	111554	1.90%	0.296%
299	20.707	20.686	20.738	VV	4209	124598	2.12%	0.331%

rteres

300	20.747	20.738	20.756	VV	3590	38906	0.66%	0.103%
301	20.793	20.756	20.902	VV	8627	419117	7.12%	1.113%
302	20.950	20.902	21.010	VV	3869	232758	3.95%	0.618%
303	21.039	21.010	21.061	VV	3394	102757	1.75%	0.273%
304	21.088	21.061	21.111	VV	3240	94857	1.61%	0.252%
305	21.174	21.111	21.298	VV	7170	409389	6.96%	1.087%
306	21.371	21.298	21.414	VV	2333	154143	2.62%	0.409%
307	21.490	21.414	21.538	VV	2134	145844	2.48%	0.387%
308	21.603	21.538	21.694	VV	3563	195812	3.33%	0.520%
309	21.786	21.694	21.794	VV	1177	71073	1.21%	0.189%
310	21.837	21.794	21.870	VV	1225	49292	0.84%	0.131%
311	21.908	21.870	21.954	VV	827	38448	0.65%	0.102%
312	21.969	21.954	22.005	VV	659	15127	0.26%	0.040%
313	22.093	22.005	22.226	VV	3238	132503	2.25%	0.352%

Sum of corrected areas: 37668710

Aliphatic EPH 032925.M Tue Apr 01 02:28:02 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053079.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 19:03
Operator : YP\AJ
Sample : Q1675-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
P5

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/01/2025
Supervised By :mohammad ahmed 04/02/2025

Integration File: autoint1.e
Quant Time: Apr 01 01:42:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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)	11.908	7508457	46.097 ug/mlm
Spiked Amount 50.000		Recovery =	92.19%
12) S 1-chlorooctadecane (S...	13.354	4659846	38.818 ug/mlm
Spiked Amount 50.000		Recovery =	77.64%
Target Compounds			

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

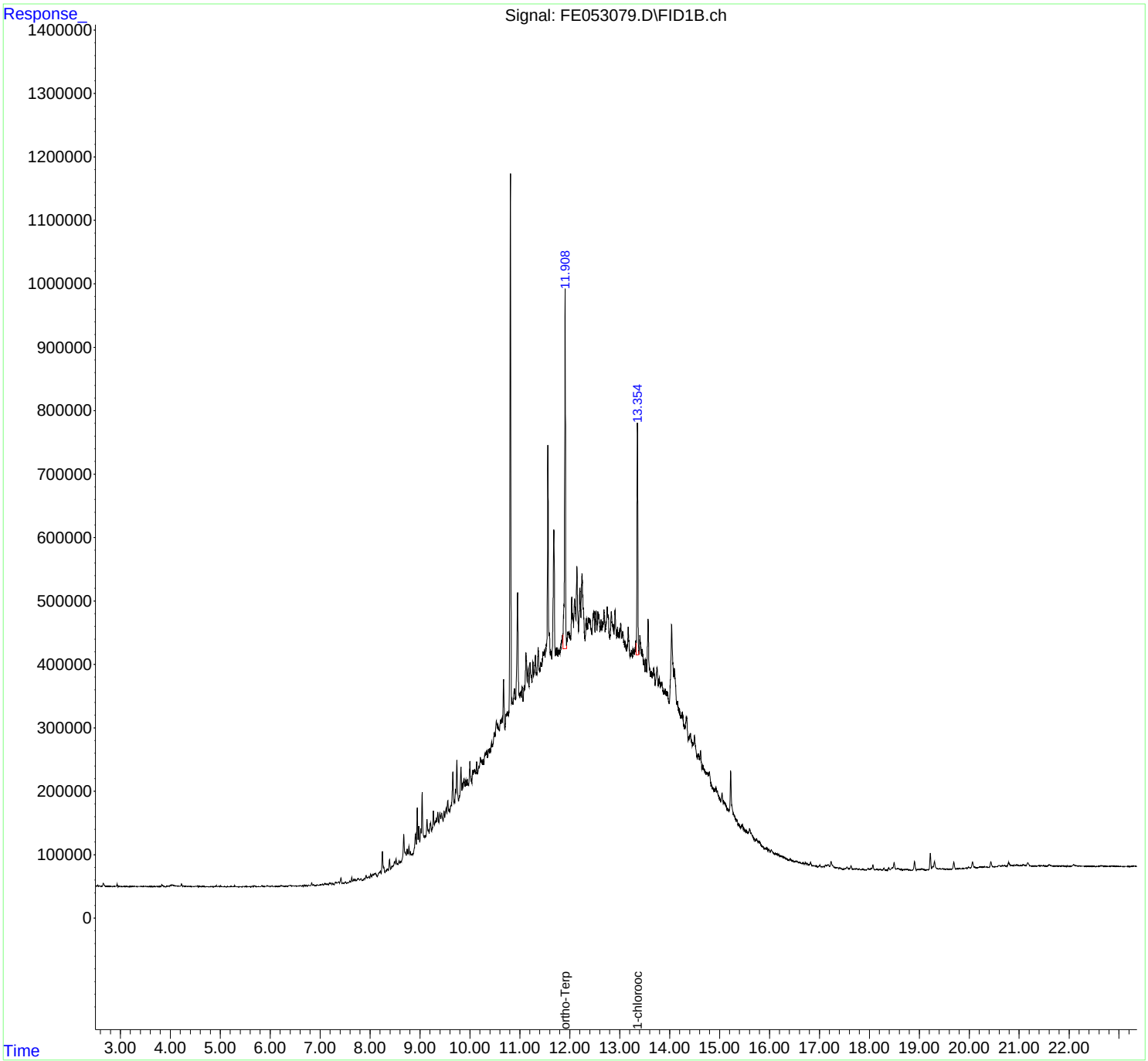
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053079.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 19:03
Operator : YP\AJ
Sample : Q1675-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

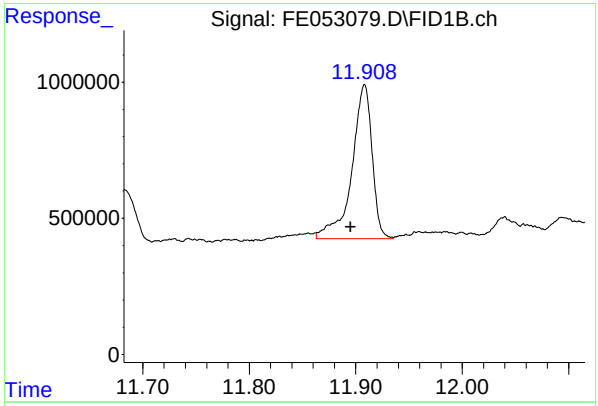
Instrument :
FID_E
ClientSampleId :
P5

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/01/2025
Supervised By :mohammad ahmed 04/02/2025

Integration File: autoint1.e
Quant Time: Apr 01 01:42:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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





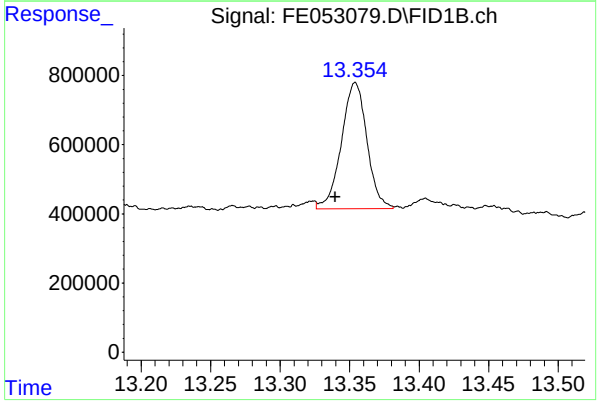
#9 ortho-Terphenyl (SURR)

R.T.: 11.908 min
Delta R.T.: 0.013 min
Response: 7508457
Conc: 46.10 ug/ml

Instrument :
FID_E
ClientSampleId :
P5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/01/2025
Supervised By :mohammad ahmed 04/02/2025



#12 1-chlorooctadecane (SURR)

R.T.: 13.354 min
Delta R.T.: 0.014 min
Response: 4659846
Conc: 38.82 ug/ml m

Instrument :
FID_E
ClientSampleId :
P5

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/01/2025
Supervised By :mohammad ahmed 04/02/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE03312
Data File : FE053079.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 19:03
Sample : Q1675-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	2.827	2.805	2.841	BV	47	147	0.00%	0.000%
2	2.873	2.841	2.896	PV	269	3972	0.01%	0.000%
3	2.934	2.896	3.001	VV	3120	39090	0.10%	0.003%
4	3.011	3.001	3.038	VV	113	1377	0.00%	0.000%
5	3.053	3.038	3.093	VV	132	1370	0.00%	0.000%
6	3.127	3.093	3.223	PV	431	11219	0.03%	0.001%
7	3.242	3.223	3.257	VV	447	5535	0.01%	0.000%
8	3.276	3.257	3.337	VV	520	13657	0.04%	0.001%
9	3.358	3.337	3.371	VV	333	4821	0.01%	0.000%
10	3.386	3.371	3.400	VV	262	4321	0.01%	0.000%
11	3.413	3.400	3.437	VV	320	5996	0.02%	0.001%
12	3.449	3.437	3.455	VV	274	2486	0.01%	0.000%
13	3.477	3.455	3.497	VV	512	8437	0.02%	0.001%
14	3.512	3.497	3.535	VV	409	6041	0.02%	0.001%
15	3.556	3.535	3.592	VV	267	7440	0.02%	0.001%
16	3.608	3.592	3.672	VV	169	5435	0.01%	0.000%
17	3.694	3.672	3.707	VV	275	4322	0.01%	0.000%
18	3.729	3.707	3.753	VV	797	10143	0.03%	0.001%
19	3.773	3.753	3.805	VV	194	2936	0.01%	0.000%
20	3.830	3.805	3.845	VV	3169	35112	0.09%	0.003%
21	3.853	3.845	3.911	VV	1713	19621	0.05%	0.002%
22	3.930	3.911	3.945	VV	1349	14907	0.04%	0.001%
23	4.005	3.945	4.021	VV	2556	62123	0.17%	0.006%
24	4.038	4.021	4.197	VV	2912	157214	0.42%	0.014%
25	4.224	4.197	4.325	VV	4813	97194	0.26%	0.009%
26	4.333	4.325	4.353	VV	571	9138	0.02%	0.001%
27	4.366	4.353	4.423	VV	625	18088	0.05%	0.002%
28	4.449	4.423	4.480	VV	474	13128	0.04%	0.001%
29	4.502	4.480	4.521	VV	978	14901	0.04%	0.001%
30	4.540	4.521	4.563	VV	1656	21574	0.06%	0.002%
31	4.577	4.563	4.598	VV	528	8721	0.02%	0.001%
32	4.616	4.598	4.640	VV	497	9511	0.03%	0.001%
33	4.657	4.640	4.708	VV	1043	18542	0.05%	0.002%
34	4.734	4.708	4.772	VV	357	6398	0.02%	0.001%
35	4.820	4.772	4.864	VV	458	11927	0.03%	0.001%
36	4.893	4.864	4.905	PV	860	9491	0.03%	0.001%

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					rteres			
37	4.922	4.905	4.945	VV	1864	21856	0.06%	0.002%
38	4.966	4.945	4.986	VV	1039	15211		
39	5.006	4.986	5.061	VV	1470	23614		
40	5.086	5.061	5.111	VV	647	8877		
41	5.118	5.111	5.131	VV	130	1278		
42	5.151	5.131	5.174	VV	445	8210		
43	5.210	5.174	5.244	VV	943	23023	0.06%	0.002%
44	5.262	5.244	5.275	VV	814	9677	0.03%	0.001%
45	5.292	5.275	5.370	VV	1761	28849	0.08%	0.003%
46	5.395	5.370	5.433	PV	309	7846	0.02%	0.001%
47	5.453	5.433	5.476	VV	874	13092	0.04%	0.001%
48	5.505	5.476	5.560	VV	612	23546	0.06%	0.002%
49	5.581	5.560	5.615	VV	392	7094	0.02%	0.001%
50	5.645	5.615	5.664	PV	1535	20687	0.06%	0.002%
51	5.691	5.664	5.738	VV	1371	34244	0.09%	0.003%
52	5.760	5.738	5.785	VV	300	6778	0.02%	0.001%
53	5.836	5.785	5.861	VV	1998	31403	0.08%	0.003%
54	5.871	5.861	5.885	VV	496	6036	0.02%	0.001%
55	5.896	5.885	5.901	VV	392	3474	0.01%	0.000%
56	5.940	5.901	5.988	VV	1989	42402	0.11%	0.004%
57	5.994	5.988	6.011	VV	572	5694	0.02%	0.001%
58	6.035	6.011	6.065	VV	1224	18043	0.05%	0.002%
59	6.082	6.065	6.109	VV	411	6658	0.02%	0.001%
60	6.129	6.109	6.147	VV	390	4119	0.01%	0.000%
61	6.183	6.147	6.199	PV	477	8704	0.02%	0.001%
62	6.220	6.199	6.246	VV	2069	29044	0.08%	0.003%
63	6.257	6.246	6.301	VV	673	11286	0.03%	0.001%
64	6.319	6.301	6.338	VV	599	8240	0.02%	0.001%
65	6.390	6.338	6.438	VV	1623	56940	0.15%	0.005%
66	6.468	6.438	6.484	VV	971	17645	0.05%	0.002%
67	6.499	6.484	6.545	VV	590	15364	0.04%	0.001%
68	6.600	6.545	6.628	VV	1077	31237	0.08%	0.003%
69	6.648	6.628	6.663	VV	695	10469	0.03%	0.001%
70	6.682	6.663	6.699	VV	1757	20955	0.06%	0.002%
71	6.720	6.699	6.743	VV	1768	22190	0.06%	0.002%
72	6.768	6.743	6.801	PV	1706	29476	0.08%	0.003%
73	6.832	6.801	6.853	VV	5070	69668	0.19%	0.006%
74	6.869	6.853	6.895	VV	2262	33380	0.09%	0.003%
75	6.931	6.895	6.976	VV	1424	49956	0.13%	0.004%
76	7.049	6.976	7.068	VV	2323	85214	0.23%	0.008%
77	7.090	7.068	7.105	VV	3845	56015	0.15%	0.005%
78	7.116	7.105	7.131	VV	3340	40511	0.11%	0.004%
79	7.146	7.131	7.164	VV	2964	42952	0.12%	0.004%
80	7.186	7.164	7.201	VV	4325	65452	0.18%	0.006%
81	7.216	7.201	7.238	VV	4612	70260	0.19%	0.006%
82	7.256	7.238	7.278	VV	3257	53649	0.14%	0.005%
83	7.318	7.278	7.336	VV	5330	127385	0.34%	0.011%
84	7.373	7.336	7.389	VV	5608	144843	0.39%	0.013%
85	7.418	7.389	7.441	VV	11872	217254	0.58%	0.019%
86	7.456	7.441	7.471	VV	3896	58937	0.16%	0.005%
87	7.507	7.471	7.528	VV	5250	130425	0.35%	0.012%
88	7.548	7.528	7.558	VV	3633	62827	0.17%	0.006%
89	7.593	7.558	7.615	VV	5701	160399	0.43%	0.014%

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rteres

90	7.635	7.615	7.653	VV	11998	185657	0.50%	0.017%
91	7.674	7.653	7.685	VV	7958	138355		
92	7.698	7.685	7.730	VV	8704	213113		
93	7.767	7.730	7.794	VV	9540	325912		
94	7.820	7.794	7.845	VV	9820	250386		
95	7.922	7.845	7.941	VV	14767	575804		
96	7.978	7.941	7.994	VV	13101	359100	0.96%	0.032%
97	8.014	7.994	8.033	VV	16718	316577	0.85%	0.028%
98	8.102	8.033	8.141	VV	17541	999557	2.68%	0.089%
99	8.206	8.141	8.223	VV	21147	842483	2.26%	0.075%
100	8.249	8.223	8.299	VV	51865	1351976	3.63%	0.120%
101	8.353	8.299	8.368	VV	24254	905236	2.43%	0.081%
102	8.391	8.368	8.415	VV	38440	832387	2.23%	0.074%
103	8.441	8.415	8.451	VV	28191	589902	1.58%	0.052%
104	8.490	8.451	8.505	VV	35170	1001336	2.69%	0.089%
105	8.521	8.505	8.561	VV	39430	1138377	3.05%	0.101%
106	8.582	8.561	8.601	VV	35833	810443	2.17%	0.072%
107	8.677	8.601	8.725	VV	77071	3484085	9.35%	0.310%
108	8.744	8.725	8.760	VV	54664	1038818	2.79%	0.092%
109	8.780	8.760	8.796	VV	58932	1120033	3.01%	0.100%
110	8.806	8.796	8.841	VV	50066	1275315	3.42%	0.113%
111	8.853	8.841	8.861	VV	47279	560985	1.51%	0.050%
112	8.911	8.861	8.927	VV	78163	2421598	6.50%	0.215%
113	8.947	8.927	8.964	VV	118444	1941091	5.21%	0.173%
114	8.977	8.964	8.997	VV	89690	1551519	4.16%	0.138%
115	9.018	8.997	9.026	VV	85984	1348733	3.62%	0.120%
116	9.045	9.026	9.100	VV	142929	4012431	10.77%	0.357%
117	9.113	9.100	9.120	VV	74491	879055	2.36%	0.078%
118	9.142	9.120	9.185	VV	100281	3333017	8.94%	0.296%
119	9.213	9.185	9.233	VV	94239	2572338	6.90%	0.229%
120	9.269	9.233	9.295	VV	112903	3485838	9.35%	0.310%
121	9.306	9.295	9.314	VV	97360	1100175	2.95%	0.098%
122	9.328	9.314	9.340	VV	100668	1539394	4.13%	0.137%
123	9.359	9.340	9.379	VV	111569	2402247	6.45%	0.214%
124	9.400	9.379	9.419	VV	108594	2476478	6.65%	0.220%
125	9.436	9.419	9.463	VV	109923	2760752	7.41%	0.246%
126	9.483	9.463	9.498	VV	111896	2216542	5.95%	0.197%
127	9.525	9.498	9.538	VV	117813	2684767	7.20%	0.239%
128	9.558	9.538	9.578	VV	129356	2872116	7.71%	0.255%
129	9.588	9.578	9.605	VV	115128	1820695	4.89%	0.162%
130	9.660	9.605	9.681	VV	175327	6277464	16.85%	0.558%
131	9.740	9.681	9.774	VV	192701	8098145	21.73%	0.720%
132	9.822	9.774	9.841	VV	181228	6051161	16.24%	0.538%
133	9.853	9.841	9.864	VV	156581	2140996	5.75%	0.190%
134	9.882	9.864	9.900	VV	163042	3366676	9.03%	0.299%
135	9.918	9.900	9.934	VV	161431	3202849	8.59%	0.285%
136	9.948	9.934	9.975	VV	161393	3776843	10.14%	0.336%
137	10.000	9.975	10.038	VV	190293	6383955	17.13%	0.568%
138	10.058	10.038	10.068	VV	175952	3043684	8.17%	0.271%
139	10.098	10.068	10.113	VV	177230	4667758	12.53%	0.415%
140	10.137	10.113	10.156	VV	189166	4649914	12.48%	0.414%
141	10.212	10.156	10.250	VV	195886	10399266	27.91%	0.925%

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142	10.264	10.250	10.281	VV	192686	3512559	9.43%	0.312%
143	10.336	10.281	10.351	VV	205659	8369198	22	
144	10.373	10.351	10.388	VV	208177	4505091	12	
145	10.396	10.388	10.406	VV	209215	2175824	5	
146	10.435	10.406	10.458	VV	220385	6663938	17	
147	10.490	10.458	10.504	VV	234494	6278563	16	
148	10.532	10.504	10.590	VV	252358	12545668	33.67%	1.116%
149	10.615	10.590	10.626	VV	254119	5248979	14.09%	0.467%
150	10.645	10.626	10.654	VV	256403	4282478	11.49%	0.381%
151	10.676	10.654	10.702	VV	317594	7877719	21.14%	0.701%
152	10.725	10.702	10.734	VV	262412	4979093	13.36%	0.443%
153	10.747	10.734	10.766	VV	266581	5007054	13.44%	0.445%
154	10.813	10.766	10.863	VV	1111659	25786948	69.20%	2.293%
155	10.893	10.863	10.917	VV	300639	9384210	25.18%	0.835%
156	10.956	10.917	10.995	VV	453797	16156968	43.36%	1.437%
157	11.012	10.995	11.027	VV	296630	5620703	15.08%	0.500%
158	11.045	11.027	11.066	VV	305302	6914517	18.56%	0.615%
159	11.123	11.066	11.148	VV	359135	15686456	42.09%	1.395%
160	11.165	11.148	11.184	VV	334566	7068067	18.97%	0.629%
161	11.205	11.184	11.241	VV	342958	11082774	29.74%	0.986%
162	11.262	11.241	11.278	VV	345092	7271236	19.51%	0.647%
163	11.311	11.278	11.345	VV	351578	13367755	35.87%	1.189%
164	11.368	11.345	11.402	VV	365933	11765250	31.57%	1.046%
165	11.425	11.402	11.441	VV	341542	7988760	21.44%	0.710%
166	11.465	11.441	11.478	VV	358816	7737704	20.76%	0.688%
167	11.490	11.478	11.508	VV	361222	6430177	17.26%	0.572%
168	11.562	11.508	11.611	VV	684512	26505434	71.13%	2.357%
169	11.620	11.611	11.640	VV	359623	6092675	16.35%	0.542%
170	11.682	11.640	11.711	VV	550855	18402300	49.38%	1.637%
171	11.728	11.711	11.764	VV	363370	11421000	30.65%	1.016%
172	11.781	11.764	11.801	VV	360685	7825805	21.00%	0.696%
173	11.908	11.801	11.935	VV	931261	37264792	100.00%	3.314%
174	11.984	11.935	12.017	VV	390638	18755377	50.33%	1.668%
175	12.039	12.017	12.077	VV	442203	14809694	39.74%	1.317%
176	12.095	12.077	12.125	VV	441780	12244294	32.86%	1.089%
177	12.142	12.125	12.176	VV	493152	13525321	36.30%	1.203%
178	12.203	12.176	12.221	VV	457644	11563774	31.03%	1.028%
179	12.245	12.221	12.305	VV	479329	21708575	58.25%	1.931%
180	12.332	12.305	12.345	VV	410195	9387739	25.19%	0.835%
181	12.369	12.345	12.391	VV	410420	11313419	30.36%	1.006%
182	12.405	12.391	12.444	VV	409637	12600354	33.81%	1.121%
183	12.484	12.444	12.505	VV	421098	14952809	40.13%	1.330%
184	12.524	12.505	12.544	VV	420069	9389983	25.20%	0.835%
185	12.564	12.544	12.611	VV	418244	16490308	44.25%	1.467%
186	12.625	12.611	12.648	VV	408430	8739350	23.45%	0.777%
187	12.685	12.648	12.709	VV	423057	14869724	39.90%	1.322%
188	12.749	12.709	12.801	VV	424800	22340704	59.95%	1.987%
189	12.831	12.801	12.887	VV	419648	20456666	54.90%	1.819%
190	12.906	12.887	12.941	VV	421346	13109675	35.18%	1.166%
191	12.957	12.941	12.972	VV	396377	7108118	19.07%	0.632%
192	13.020	12.972	13.042	VV	399450	16320541	43.80%	1.451%
193	13.057	13.042	13.098	VV	388449	12723202	34.14%	1.132%
194	13.110	13.098	13.133	VV	372167	7603770	20.40%	0.676%

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195	13.171	13.133	13.211	VV	392786	17360375	46.59%	1.544%
196	13.236	13.211	13.254	VV	358366	9064142	24	
197	13.266	13.254	13.273	VV	360374	3971216	10	
198	13.277	13.273	13.288	VV	359066	3340623	8	
199	13.354	13.288	13.387	VV	716754	25818824	69	
200	13.404	13.387	13.441	VV	381071	11613509	31	
201	13.450	13.441	13.478	VV	357713	7866236	21.11%	0.700%
202	13.488	13.478	13.506	VV	340819	5744164	15.41%	0.511%
203	13.523	13.506	13.538	VV	344093	6415524	17.22%	0.571%
204	13.568	13.538	13.620	VV	407337	17202506	46.16%	1.530%
205	13.633	13.620	13.655	VV	323351	6609686	17.74%	0.588%
206	13.681	13.655	13.708	VV	329419	10251598	27.51%	0.912%
207	13.747	13.708	13.773	VV	330113	12415416	33.32%	1.104%
208	13.793	13.773	13.813	VV	312809	7233231	19.41%	0.643%
209	13.835	13.813	13.889	VV	305773	13732648	36.85%	1.221%
210	13.911	13.889	13.935	VV	293918	7918578	21.25%	0.704%
211	13.944	13.935	13.989	VV	292158	9263340	24.86%	0.824%
212	14.038	13.989	14.080	VV	396035	18266408	49.02%	1.625%
213	14.094	14.080	14.143	VV	327740	11354609	30.47%	1.010%
214	14.156	14.143	14.181	VV	275400	6296836	16.90%	0.560%
215	14.190	14.181	14.233	VV	264634	8059603	21.63%	0.717%
216	14.249	14.233	14.301	VV	259015	10060788	27.00%	0.895%
217	14.333	14.301	14.369	VV	251632	9678339	25.97%	0.861%
218	14.415	14.369	14.471	VV	225446	13285265	35.65%	1.182%
219	14.496	14.471	14.554	VV	221779	10169437	27.29%	0.904%
220	14.576	14.554	14.597	VV	193731	4854272	13.03%	0.432%
221	14.618	14.597	14.655	VV	196710	6366625	17.08%	0.566%
222	14.666	14.655	14.729	VV	174988	7511366	20.16%	0.668%
223	14.735	14.729	14.774	VV	163546	4340431	11.65%	0.386%
224	14.793	14.774	14.901	VV	163718	11146116	29.91%	0.991%
225	14.924	14.901	15.025	VV	139804	9615655	25.80%	0.855%
226	15.049	15.025	15.095	VV	129225	5056310	13.57%	0.450%
227	15.102	15.095	15.190	VV	115629	6162715	16.54%	0.548%
228	15.221	15.190	15.335	VV	164958	9352980	25.10%	0.832%
229	15.343	15.335	15.423	VV	87445	4321597	11.60%	0.384%
230	15.436	15.423	15.442	VV	77626	858064	2.30%	0.076%
231	15.456	15.442	15.538	VV	79259	4192865	11.25%	0.373%
232	15.540	15.538	15.571	VV	69190	1348944	3.62%	0.120%
233	15.601	15.571	15.711	VV	73317	5347159	14.35%	0.476%
234	15.729	15.711	15.781	VV	56217	2278847	6.12%	0.203%
235	15.798	15.781	15.855	VV	52909	2160480	5.80%	0.192%
236	15.860	15.855	15.971	VV	44655	2908830	7.81%	0.259%
237	15.985	15.971	16.016	VV	39378	1026108	2.75%	0.091%
238	16.036	16.016	16.108	VV	38747	1944432	5.22%	0.173%
239	16.118	16.108	16.138	VV	33472	585790	1.57%	0.052%
240	16.151	16.138	16.225	VV	32462	1588171	4.26%	0.141%
241	16.235	16.225	16.392	VV	29001	2559519	6.87%	0.228%
242	16.419	16.392	16.508	VV	23581	1468624	3.94%	0.131%
243	16.531	16.508	16.581	VV	20395	857840	2.30%	0.076%
244	16.595	16.581	16.650	VV	18110	709390	1.90%	0.063%
245	16.675	16.650	16.693	VV	17118	420724	1.13%	0.037%
246	16.714	16.693	16.732	VV	17075	381367	1.02%	0.034%

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247	16.744	16.732	16.774	VV	15919	389328	1.04%	0.035%
248	16.788	16.774	16.801	VV	14640	230745		
249	16.823	16.801	16.855	VV	16748	467854		
250	16.866	16.855	16.908	VV	12156	386769		
251	16.917	16.908	16.969	VV	12078	415832		
252	17.007	16.969	17.058	VV	13074	591302		
253	17.078	17.058	17.094	VV	11202	231873	0.62%	0.021%
254	17.122	17.094	17.141	VV	13100	330397	0.89%	0.029%
255	17.176	17.141	17.205	VV	13498	464552	1.25%	0.041%
256	17.232	17.205	17.331	VV	18389	881034	2.36%	0.078%
257	17.349	17.331	17.389	VV	8714	280122	0.75%	0.025%
258	17.409	17.389	17.488	VV	7583	386428	1.04%	0.034%
259	17.517	17.488	17.526	VV	6696	141969	0.38%	0.013%
260	17.550	17.526	17.584	VV	9223	256241	0.69%	0.023%
261	17.632	17.584	17.685	VV	10704	417208	1.12%	0.037%
262	17.724	17.685	17.741	VV	5849	185248	0.50%	0.016%
263	17.748	17.741	17.771	VV	5589	94227	0.25%	0.008%
264	17.798	17.771	17.843	VV	5381	202096	0.54%	0.018%
265	17.874	17.843	17.898	VV	5159	147749	0.40%	0.013%
266	17.907	17.898	17.930	VV	4050	75967	0.20%	0.007%
267	17.973	17.930	18.010	VV	5564	217107	0.58%	0.019%
268	18.071	18.010	18.115	VV	11344	366607	0.98%	0.033%
269	18.158	18.115	18.189	VV	4152	163810	0.44%	0.015%
270	18.212	18.189	18.233	VV	3993	95125	0.26%	0.008%
271	18.247	18.233	18.265	VV	3541	61869	0.17%	0.006%
272	18.292	18.265	18.328	VV	5156	137846	0.37%	0.012%
273	18.390	18.328	18.416	VV	5966	186807	0.50%	0.017%
274	18.449	18.416	18.465	VV	5820	137145	0.37%	0.012%
275	18.495	18.465	18.536	VV	14059	328483	0.88%	0.029%
276	18.558	18.536	18.664	VV	4371	266942	0.72%	0.024%
277	18.689	18.664	18.708	VV	2671	62720	0.17%	0.006%
278	18.729	18.708	18.748	VV	3023	64176	0.17%	0.006%
279	18.758	18.748	18.839	VV	2633	108427	0.29%	0.010%
280	18.904	18.839	18.944	VV	14925	314772	0.84%	0.028%
281	18.966	18.944	18.988	VV	2373	57094	0.15%	0.005%
282	19.004	18.988	19.023	VV	2754	50877	0.14%	0.005%
283	19.059	19.023	19.136	VV	2885	138703	0.37%	0.012%
284	19.161	19.136	19.184	VV	1665	42641	0.11%	0.004%
285	19.220	19.184	19.248	VV	27564	423625	1.14%	0.038%
286	19.267	19.248	19.278	VV	6369	96268	0.26%	0.009%
287	19.304	19.278	19.384	VV	14005	389467	1.05%	0.035%
288	19.403	19.384	19.456	VV	2834	106105	0.28%	0.009%
289	19.470	19.456	19.489	VV	2352	45642	0.12%	0.004%
290	19.497	19.489	19.524	VV	2162	39989	0.11%	0.004%
291	19.553	19.524	19.574	VV	2101	52980	0.14%	0.005%
292	19.598	19.574	19.621	VV	1766	42529	0.11%	0.004%
293	19.691	19.621	19.741	VV	12731	287573	0.77%	0.026%
294	19.803	19.741	19.841	VV	2340	115119	0.31%	0.010%
295	19.865	19.841	19.901	VV	1955	66112	0.18%	0.006%
296	19.933	19.901	19.954	VV	2642	71834	0.19%	0.006%
297	19.989	19.954	20.020	VV	3778	119487	0.32%	0.011%
298	20.066	20.020	20.153	VV	11877	399121	1.07%	0.035%
299	20.225	20.153	20.268	VV	3985	232970	0.63%	0.021%

Instrument :
FID_E
ClientSampleId :
P5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/01/2025
Supervised By :mohammad ahmed 04/02/2025

rteres

300	20.305	20.268	20.330	VV	3953	131536	0.35%	0.012%
301	20.345	20.330	20.386	VV	3656	108901		
302	20.433	20.386	20.481	VV	11774	324461		
303	20.596	20.481	20.638	VV	5413	386795		
304	20.661	20.638	20.681	VV	4731	119377		
305	20.708	20.681	20.755	VV	5117	200197		
306	20.791	20.755	20.891	VV	9882	488098	1.31%	0.043%
307	20.948	20.891	21.008	VV	5448	343881	0.92%	0.031%
308	21.035	21.008	21.045	VV	4439	95744	0.26%	0.009%
309	21.080	21.045	21.135	VV	5550	256157	0.69%	0.023%
310	21.173	21.135	21.253	VV	8634	368433	0.99%	0.033%
311	21.271	21.253	21.307	VV	3304	101940	0.27%	0.009%
312	21.416	21.307	21.454	VV	3421	280863	0.75%	0.025%
313	21.481	21.454	21.559	VV	3171	179899	0.48%	0.016%
314	21.602	21.559	21.704	VV	4495	263939	0.71%	0.023%
315	21.716	21.704	21.757	VV	2269	69354	0.19%	0.006%
316	21.813	21.757	21.941	VV	2276	222691	0.60%	0.020%
317	21.977	21.941	22.027	VV	1666	77874	0.21%	0.007%
318	22.091	22.027	22.308	VV	3435	275092	0.74%	0.024%
319	22.366	22.308	22.375	VV	790	31681	0.09%	0.003%
320	22.397	22.375	22.545	VV	751	44316	0.12%	0.004%
321	22.576	22.545	22.588	PV	68	1803	0.00%	0.000%

Sum of corrected areas: 1124393216

Aliphatic EPH 032925.M Tue Apr 01 02:29:06 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040125AL\
Data File : FE053090.D
Signal(s) : FID1B.ch
Acq On : 01 Apr 2025 08:15
Operator : YP\AJ
Sample : Q1675-05DL 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
P5DL

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/02/2025
Supervised By :mohammad ahmed 04/03/2025

Integration File: autoint1.e
Quant Time: Apr 02 04:44:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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)	11.894	393234	2.414 ug/mlm
Spiked Amount 50.000		Recovery =	4.83%
12) S 1-chlorooctadecane (S...	13.339	251156	2.092 ug/mlm
Spiked Amount 50.000		Recovery =	4.18%
Target Compounds			

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040125AL\
Data File : FE053090.D
Signal(s) : FID1B.ch
Acq On : 01 Apr 2025 08:15
Operator : YP\AJ
Sample : Q1675-05DL 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

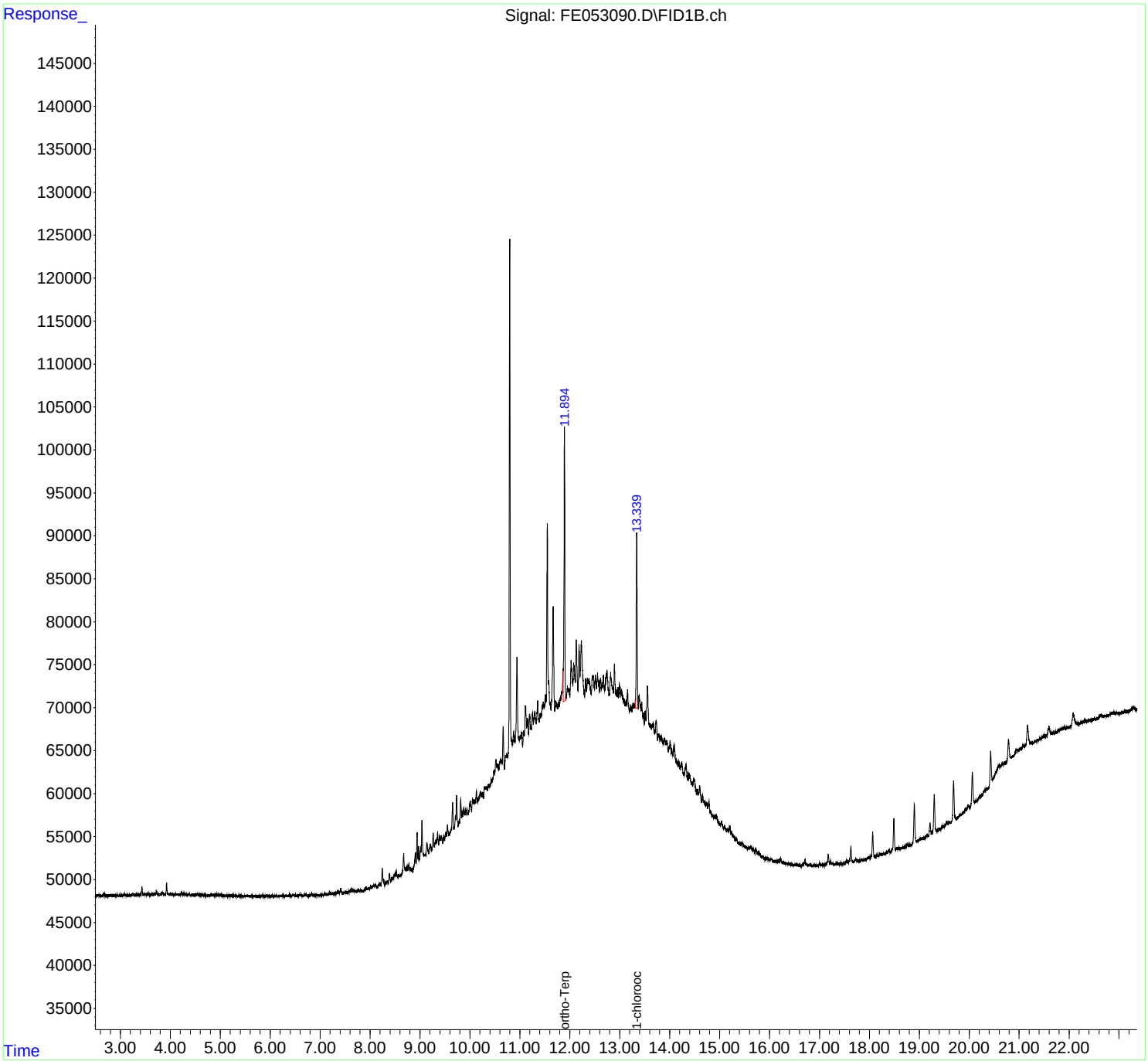
Integration File: autoint1.e
Quant Time: Apr 02 04:44:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 2025
Response via : Initial Calibration
Integrator: ChemStation

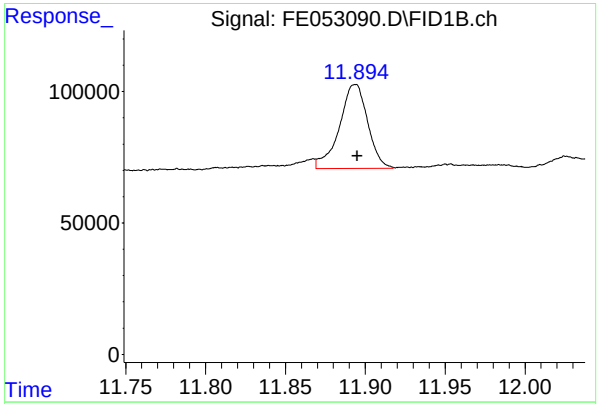
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Instrument :
FID_E
ClientSampleId :
P5DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/02/2025
Supervised By :mohammad ahmed 04/03/2025





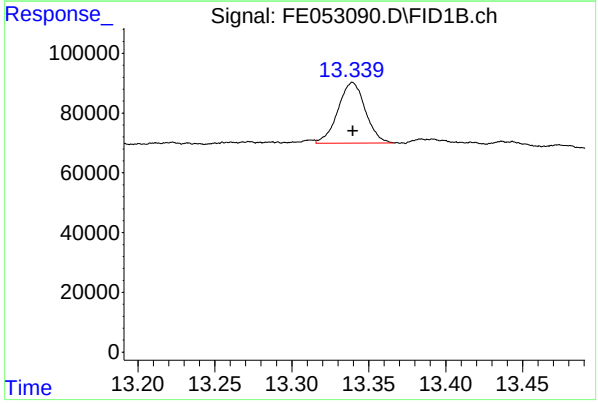
#9 ortho-Terphenyl (SURR)

R.T.: 11.894 min
Delta R.T.: 0.000 mi
Response: 393234
Conc: 2.41 ug/m

Instrument :
FID_E
ClientSampleId :
P5DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



#12 1-chlorooctadecane (SURR)

R.T.: 13.339 min
Delta R.T.: 0.000 min
Response: 251156
Conc: 2.09 ug/ml m

Instrument :
FID_E
ClientSampleId :
P5DL

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/02/2025
Supervised By :mohammad ahmed 04/03/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE04012
Data File : FE053090.D
Signal(s) : FID1B.ch
Acq On : 01 Apr 2025 08:15
Sample : Q1675-05DL 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.843	2.804	2.865	BV	61	941	0.03%	0.001%
2	2.876	2.865	2.891	VV	77	852	0.03%	0.001%
3	2.899	2.891	2.914	VV	60	688	0.02%	0.001%
4	2.932	2.914	2.955	VV	221	2648	0.08%	0.004%
5	2.965	2.955	3.040	PV	114	3728	0.12%	0.006%
6	3.078	3.040	3.111	VV	226	5834	0.18%	0.009%
7	3.122	3.111	3.129	VV	157	1272	0.04%	0.002%
8	3.155	3.129	3.171	VV	171	2881	0.09%	0.005%
9	3.268	3.171	3.281	VV	246	9830	0.31%	0.015%
10	3.287	3.281	3.314	VV	202	2790	0.09%	0.004%
11	3.322	3.314	3.331	VV	187	1770	0.06%	0.003%
12	3.349	3.331	3.361	VV	232	3276	0.10%	0.005%
13	3.365	3.361	3.371	VV	268	1233	0.04%	0.002%
14	3.381	3.371	3.392	VV	235	2426	0.08%	0.004%
15	3.399	3.392	3.413	VV	198	2566	0.08%	0.004%
16	3.431	3.413	3.461	VV	1073	14088	0.44%	0.022%
17	3.474	3.461	3.508	VV	269	6317	0.20%	0.010%
18	3.514	3.508	3.524	VV	252	2296	0.07%	0.004%
19	3.553	3.524	3.594	VV	292	9877	0.31%	0.016%
20	3.723	3.594	3.807	VV	613	34273	1.08%	0.054%
21	3.839	3.807	3.902	VV	427	16742	0.53%	0.026%
22	3.925	3.902	3.990	VV	1584	25693	0.81%	0.040%
23	4.002	3.990	4.020	VV	355	5251	0.16%	0.008%
24	4.036	4.020	4.058	VV	341	6199	0.19%	0.010%
25	4.071	4.058	4.098	VV	270	5418	0.17%	0.009%
26	4.133	4.098	4.174	VV	280	10208	0.32%	0.016%
27	4.225	4.174	4.258	VV	452	13664	0.43%	0.021%
28	4.271	4.258	4.294	VV	318	5446	0.17%	0.009%
29	4.303	4.294	4.345	VV	261	6804	0.21%	0.011%
30	4.360	4.345	4.371	VV	231	3278	0.10%	0.005%
31	4.381	4.371	4.413	VV	241	5015	0.16%	0.008%
32	4.435	4.413	4.486	VV	264	8571	0.27%	0.013%
33	4.496	4.486	4.521	VV	234	4190	0.13%	0.007%
34	4.547	4.521	4.561	VV	277	5470	0.17%	0.009%
35	4.575	4.561	4.608	VV	223	5202	0.16%	0.008%
36	4.623	4.608	4.678	VV	286	7220	0.23%	0.011%

Instrument :
FID_E
ClientSampleId :
P5DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/02/2025
Supervised By :mohammad ahmed 04/03/2025

rteres

37	4.685	4.678	4.721	VV	157	3279	0.10%	0.005%
38	4.734	4.721	4.746	VV	145	1790		
39	4.755	4.746	4.764	VV	153	1186		
40	4.782	4.764	4.804	VV	186	3492		
41	4.814	4.804	4.852	VV	249	5241		
42	4.859	4.852	4.864	VV	207	1361		
43	4.883	4.864	4.894	VV	219	3367	0.11%	0.005%
44	4.922	4.894	4.932	VV	253	4438	0.14%	0.007%
45	4.938	4.932	4.950	VV	231	2021	0.06%	0.003%
46	4.961	4.950	4.971	VV	203	2251	0.07%	0.004%
47	5.009	4.971	5.031	VV	211	5840	0.18%	0.009%
48	5.060	5.031	5.072	VV	154	3089	0.10%	0.005%
49	5.081	5.072	5.094	VV	184	1566	0.05%	0.002%
50	5.115	5.094	5.164	VV	161	4667	0.15%	0.007%
51	5.213	5.164	5.248	VV	171	5266	0.17%	0.008%
52	5.291	5.248	5.346	VV	168	5238	0.16%	0.008%
53	5.367	5.346	5.377	VV	96	1215	0.04%	0.002%
54	5.399	5.377	5.411	VV	87	1317	0.04%	0.002%
55	5.421	5.411	5.438	VV	66	1071	0.03%	0.002%
56	5.451	5.438	5.464	VV	110	1206	0.04%	0.002%
57	5.541	5.464	5.578	VV	166	6639	0.21%	0.010%
58	5.583	5.578	5.598	VV	126	955	0.03%	0.002%
59	5.607	5.598	5.621	VV	95	917	0.03%	0.001%
60	5.647	5.621	5.688	VV	182	3608	0.11%	0.006%
61	5.714	5.688	5.798	VV	145	4453	0.14%	0.007%
62	5.836	5.798	5.903	PV	173	5924	0.19%	0.009%
63	5.939	5.903	5.952	VV	203	3371	0.11%	0.005%
64	5.961	5.952	6.014	VV	126	3090	0.10%	0.005%
65	6.031	6.014	6.042	VV	115	1429	0.04%	0.002%
66	6.048	6.042	6.066	VV	82	872	0.03%	0.001%
67	6.081	6.066	6.108	VV	88	1370	0.04%	0.002%
68	6.115	6.108	6.121	VV	74	373	0.01%	0.001%
69	6.129	6.121	6.171	VV	76	1029	0.03%	0.002%
70	6.216	6.171	6.292	VV	107	4841	0.15%	0.008%
71	6.323	6.292	6.365	VV	130	3130	0.10%	0.005%
72	6.386	6.365	6.437	PV	196	4976	0.16%	0.008%
73	6.446	6.437	6.468	VV	140	2131	0.07%	0.003%
74	6.479	6.468	6.521	VV	113	2768	0.09%	0.004%
75	6.573	6.521	6.645	VV	126	6885	0.22%	0.011%
76	6.682	6.645	6.701	PV	162	2595	0.08%	0.004%
77	6.717	6.701	6.744	VV	130	1977	0.06%	0.003%
78	6.777	6.744	6.798	PV	90	1940	0.06%	0.003%
79	6.830	6.798	6.848	VV	287	3844	0.12%	0.006%
80	6.866	6.848	6.891	VV	74	2125	0.07%	0.003%
81	6.938	6.891	7.007	PV	84	2998	0.09%	0.005%
82	7.087	7.007	7.131	PV	175	5535	0.17%	0.009%
83	7.145	7.131	7.164	VV	122	1480	0.05%	0.002%
84	7.185	7.164	7.241	PV	226	6501	0.20%	0.010%
85	7.254	7.241	7.281	VV	210	2310	0.07%	0.004%
86	7.302	7.281	7.321	VV	222	4147	0.13%	0.007%
87	7.368	7.321	7.386	VV	321	9110	0.29%	0.014%
88	7.503	7.471	7.534	VV	267	6812	0.21%	0.011%
89	7.634	7.534	7.727	VV	617	31544	0.99%	0.050%

Instrument :
FID_E
ClientSampleId :
P5DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/02/2025
Supervised By :mohammad ahmed 04/03/2025

rteres

90	7.765	7.727	7.798	VV	377	11381	0.36%	0.018%
91	7.815	7.798	7.841	VV	341	7261		
92	7.918	7.841	7.961	VV	679	25767		
93	8.012	7.961	8.031	VV	766	21784		
94	8.103	8.031	8.143	VV	772	47124		
95	8.246	8.143	8.301	VV	2699	105377		
96	8.521	8.418	8.560	VV	2240	145293	4.56%	0.229%
97	8.579	8.560	8.599	VV	1838	40364	1.27%	0.063%
98	8.674	8.599	8.722	VV	4259	183077	5.75%	0.288%
99	8.742	8.722	8.758	VV	2832	53528	1.68%	0.084%
100	8.777	8.758	8.841	VV	3059	126425	3.97%	0.199%
101	8.909	8.841	8.923	VV	4227	149891	4.70%	0.236%
102	8.943	8.923	8.994	VV	6585	191719	6.02%	0.302%
103	9.041	8.994	9.114	VV	8025	336946	10.58%	0.530%
104	9.140	9.114	9.181	VV	5349	183894	5.77%	0.289%
105	9.209	9.181	9.231	VV	5116	143626	4.51%	0.226%
106	9.266	9.231	9.288	VV	6403	181453	5.70%	0.285%
107	9.354	9.288	9.374	VV	6569	289315	9.08%	0.455%
108	9.395	9.374	9.415	VV	6032	139186	4.37%	0.219%
109	9.433	9.415	9.457	VV	6107	143352	4.50%	0.225%
110	9.478	9.457	9.493	VV	6135	126034	3.96%	0.198%
111	9.553	9.493	9.589	VV	7283	367171	11.52%	0.578%
112	9.654	9.589	9.684	VV	9860	418581	13.14%	0.658%
113	9.735	9.684	9.768	VV	10732	414518	13.01%	0.652%
114	9.816	9.768	9.859	VV	10151	455900	14.31%	0.717%
115	9.877	9.859	9.898	VV	9076	204123	6.41%	0.321%
116	9.943	9.898	9.964	VV	9180	349277	10.96%	0.549%
117	10.007	9.964	10.031	VV	9910	368947	11.58%	0.580%
118	10.055	10.031	10.111	VV	10168	467889	14.69%	0.736%
119	10.131	10.111	10.153	VV	10988	257349	8.08%	0.405%
120	10.207	10.153	10.274	VV	10840	763561	23.97%	1.201%
121	10.328	10.274	10.347	VV	11539	489843	15.37%	0.770%
122	10.524	10.347	10.581	VV	14392	1787307	56.10%	2.811%
123	10.668	10.581	10.698	VV	18310	1037257	32.56%	1.632%
124	10.799	10.698	10.851	VV	74958	2109360	66.21%	3.318%
125	10.877	10.851	10.903	VV	17641	525824	16.50%	0.827%
126	10.944	10.903	10.992	VV	26343	1036182	32.52%	1.630%
127	11.033	10.992	11.055	VV	17472	641949	20.15%	1.010%
128	11.114	11.055	11.138	VV	20559	912807	28.65%	1.436%
129	11.154	11.138	11.175	VV	19078	408787	12.83%	0.643%
130	11.197	11.175	11.228	VV	19593	589737	18.51%	0.928%
131	11.252	11.228	11.271	VV	19726	492083	15.45%	0.774%
132	11.299	11.271	11.326	VV	19808	628651	19.73%	0.989%
133	11.357	11.326	11.387	VV	21033	714321	22.42%	1.124%
134	11.550	11.387	11.624	VV	41690	3186024	100.00%	5.011%
135	11.668	11.624	11.701	VV	31882	1122703	35.24%	1.766%
136	11.734	11.701	11.757	VV	20776	681568	21.39%	1.072%
137	11.893	11.757	11.928	VV	53213	2584765	81.13%	4.066%
138	11.955	11.928	12.000	VV	22437	950807	29.84%	1.496%
139	12.028	12.000	12.060	VV	25259	850941	26.71%	1.338%
140	12.082	12.060	12.111	VV	25060	737768	23.16%	1.160%
141	12.131	12.111	12.164	VV	27923	782757	24.57%	1.231%

Instrument :
FID_E
ClientSampleId :
P5DL

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/02/2025
Supervised By :mohammad ahmed 04/03/2025

142	12.189	12.164	12.208	VV	27353	658245	20.66%	1.035%
143	12.232	12.208	12.298	VV	27674	1315826	41	
144	12.319	12.298	12.334	VV	23223	495809	15	
145	12.358	12.334	12.427	VV	23353	1255162	39	
146	12.464	12.427	12.494	VV	23699	933047	29	
147	12.512	12.494	12.531	VV	23722	506620	15	
148	12.556	12.531	12.594	VV	24033	865140	27.15%	1.361%
149	12.614	12.594	12.631	VV	23276	503024	15.79%	0.791%
150	12.672	12.631	12.701	VV	23550	951937	29.88%	1.497%
151	12.745	12.701	12.791	VV	24008	1228838	38.57%	1.933%
152	12.819	12.791	12.874	VV	23807	1126519	35.36%	1.772%
153	12.895	12.874	12.978	VV	24835	1371783	43.06%	2.158%
154	12.998	12.978	13.111	VV	22240	1695280	53.21%	2.667%
155	13.157	13.111	13.196	VV	21715	1036104	32.52%	1.630%
156	13.221	13.196	13.244	VV	19907	571273	17.93%	0.899%
157	13.272	13.244	13.293	VV	20107	582627	18.29%	0.916%
158	13.339	13.293	13.371	VV	39773	1173054	36.82%	1.845%
159	13.389	13.371	13.494	VV	20803	1449488	45.50%	2.280%
160	13.509	13.494	13.525	VV	19174	339764	10.66%	0.534%
161	13.555	13.525	13.631	VV	22039	1199911	37.66%	1.887%
162	13.668	13.631	13.699	VV	17854	707678	22.21%	1.113%
163	13.730	13.699	13.804	VV	18022	1046916	32.86%	1.647%
164	13.821	13.804	13.872	VV	16016	646647	20.30%	1.017%
165	13.895	13.872	13.924	VV	15769	487875	15.31%	0.767%
166	13.938	13.924	13.971	VV	15550	425189	13.35%	0.669%
167	14.008	13.971	14.063	VV	15491	810980	25.45%	1.276%
168	14.091	14.063	14.171	VV	15045	886007	27.81%	1.394%
169	14.182	14.171	14.213	VV	13171	322256	10.11%	0.507%
170	14.240	14.213	14.291	VV	12936	573472	18.00%	0.902%
171	14.326	14.291	14.355	VV	12592	457337	14.35%	0.719%
172	14.370	14.355	14.384	VV	11605	203564	6.39%	0.320%
173	14.398	14.384	14.461	VV	11519	494079	15.51%	0.777%
174	14.486	14.461	14.575	VV	10949	686602	21.55%	1.080%
175	14.602	14.575	14.638	VV	10067	352494	11.06%	0.554%
176	14.658	14.638	14.762	VV	8968	611658	19.20%	0.962%
177	14.783	14.762	14.889	VV	8161	539106	16.92%	0.848%
178	14.912	14.889	15.007	VV	6673	435644	13.67%	0.685%
179	15.037	15.007	15.078	VV	5867	234295	7.35%	0.369%
180	15.099	15.078	15.135	VV	5159	172978	5.43%	0.272%
181	15.154	15.135	15.171	VV	4894	103301	3.24%	0.162%
182	15.202	15.171	15.326	VV	5221	403211	12.66%	0.634%
183	15.341	15.326	15.428	VV	3690	202478	6.36%	0.318%
184	15.448	15.428	15.554	VV	3224	219129	6.88%	0.345%
185	15.570	15.554	15.588	VV	2609	51263	1.61%	0.081%
186	15.618	15.588	15.704	VV	2791	171975	5.40%	0.271%
187	15.723	15.704	15.771	VV	2432	84867	2.66%	0.133%
188	15.786	15.771	15.928	VV	2033	145001	4.55%	0.228%
189	15.944	15.928	16.004	VV	1253	53887	1.69%	0.085%
190	16.028	16.004	16.131	VV	1162	73163	2.30%	0.115%
191	16.184	16.131	16.204	VV	894	36600	1.15%	0.058%
192	16.224	16.204	16.398	VV	1136	71887	2.26%	0.113%
193	16.414	16.398	16.457	VV	466	14198	0.45%	0.022%
194	16.474	16.457	16.497	VV	348	7004	0.22%	0.011%

Instrument :
FID_E
ClientSampleId :
P5DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/02/2025
Supervised By :mohammad ahmed 04/03/2025

rteres

195	16.538	16.497	16.638	VV	341	20278	0.64%	0.032%
196	16.709	16.638	16.764	VV	825	26579		
197	16.817	16.764	16.845	VV	318	7722		
198	16.881	16.845	16.898	VV	145	3347		
199	16.913	16.898	16.971	VV	116	3418		
200	17.000	16.971	17.034	PV	178	4904		
201	17.068	17.034	17.098	VV	218	4043	0.13%	0.006%
202	17.176	17.098	17.204	VV	1234	25321	0.79%	0.040%
203	17.225	17.204	17.298	VV	391	10438	0.33%	0.016%
204	17.351	17.298	17.400	VV	220	6006	0.19%	0.009%
205	17.417	17.400	17.437	VV	148	1931	0.06%	0.003%
206	17.544	17.437	17.571	PV	389	10893	0.34%	0.017%
207	17.628	17.571	17.677	VV	1802	33418	1.05%	0.053%
208	17.723	17.677	17.763	VV	297	8898	0.28%	0.014%
209	17.786	17.763	17.814	VV	167	3050	0.10%	0.005%
210	17.858	17.814	17.888	VV	158	4597	0.14%	0.007%
211	17.917	17.888	17.938	PV	128	3151	0.10%	0.005%
212	17.972	17.938	17.991	PV	303	5026	0.16%	0.008%
213	18.066	17.991	18.107	VV	3033	50816	1.59%	0.080%
214	18.207	18.107	18.224	VV	250	11198	0.35%	0.018%
215	18.243	18.224	18.258	VV	251	3197	0.10%	0.005%
216	18.284	18.258	18.311	VV	191	3777	0.12%	0.006%
217	18.388	18.311	18.414	PV	350	11530	0.36%	0.018%
218	18.490	18.414	18.528	VV	3767	61180	1.92%	0.096%
219	18.576	18.528	18.621	VV	250	9680	0.30%	0.015%
220	18.632	18.621	18.644	VV	114	871	0.03%	0.001%
221	18.757	18.644	18.781	VV	215	5315	0.17%	0.008%
222	18.900	18.781	18.948	PV	4559	74560	2.34%	0.117%
223	19.158	18.948	19.184	VV	317	12561	0.39%	0.020%
224	19.214	19.184	19.248	PV	1420	21741	0.68%	0.034%
225	19.299	19.248	19.360	VV	4474	76237	2.39%	0.120%
226	19.549	19.360	19.568	PV	351	16507	0.52%	0.026%
227	19.595	19.568	19.617	VV	220	4394	0.14%	0.007%
228	19.686	19.617	19.751	PV	4672	81643	2.56%	0.128%
229	19.977	19.751	20.004	PV	574	36464	1.14%	0.057%
230	20.063	20.004	20.107	VV	4071	82685	2.60%	0.130%
231	20.429	20.107	20.467	VV	4930	226866	7.12%	0.357%
232	20.595	20.467	20.628	VV	2577	203815	6.40%	0.321%
233	20.704	20.628	20.731	VV	2466	146840	4.61%	0.231%
234	20.786	20.731	20.834	VV	4685	189597	5.95%	0.298%
235	20.953	20.834	20.978	VV	2831	221254	6.94%	0.348%
236	21.077	20.978	21.104	VV	2796	202087	6.34%	0.318%
237	21.169	21.104	21.251	VV	4706	267230	8.39%	0.420%
238	21.511	21.251	21.528	VV	2044	352725	11.07%	0.555%
239	21.597	21.528	21.671	VV	2665	174291	5.47%	0.274%
240	22.083	21.671	22.204	VV	2121	388656	12.20%	0.611%
241	22.345	22.204	22.364	VV	178	26907	0.84%	0.042%

Sum of corrected areas: 63575933

Aliphatic EPH 032925.M Wed Apr 02 05:49:13 2025

Quantitation Report (QT Reviewed)

Sample Results: **FE053080.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053080.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 19:34
Operator : YP\AJ
Sample : Q1675-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
P6

Integration File: autoint1.e
Quant Time: Apr 01 01:42:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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)	11.900	5260824	32.298 ug/ml
Spiked Amount 50.000		Recovery =	64.60%
12) S 1-chlorooctadecane (S...	13.344	3873486	32.267 ug/ml
Spiked Amount 50.000		Recovery =	64.53%
Target Compounds			

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

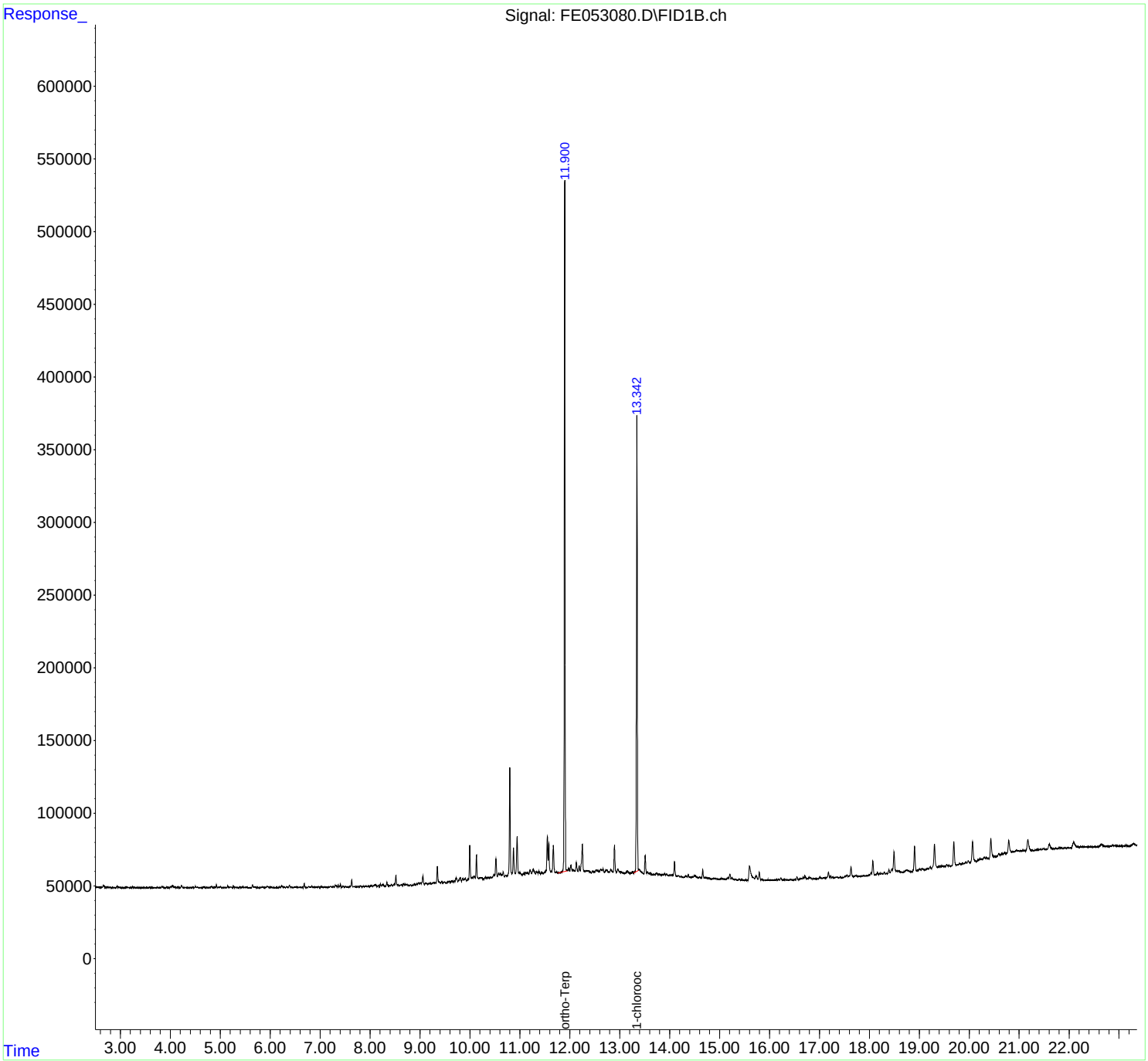
Sample Results: **FE053080.D**

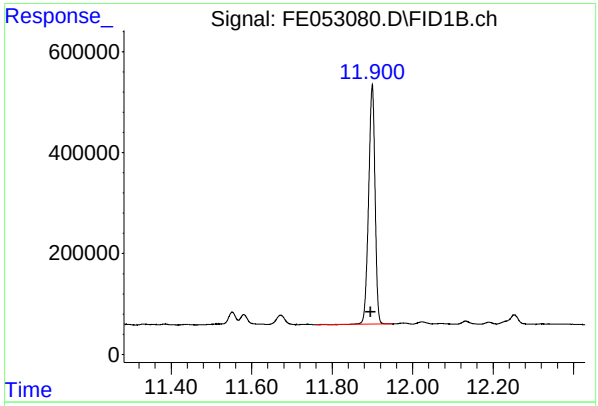
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053080.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 19:34
Operator : YP\AJ
Sample : Q1675-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
P6

Integration File: autoint1.e
Quant Time: Apr 01 01:42:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

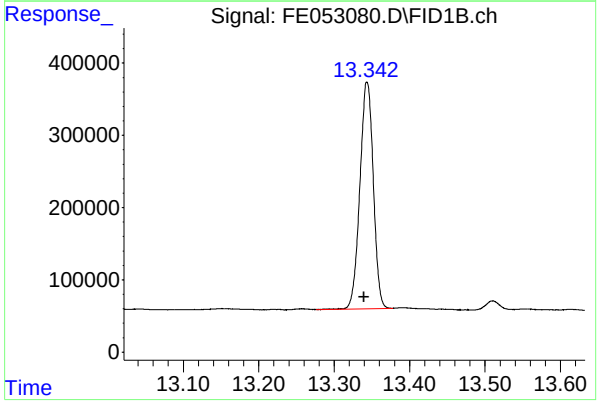




#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: 0.004 min
Response: 5260824
Conc: 32.30 ug/ml

Instrument :
FID_E
ClientSampleId :
P6



#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: 0.004 min
Response: 3873486
Conc: 32.27 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053080.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 19:34
Sample : Q1675-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	2.880	2.805	2.900	BV	228	2025	0.03%	0.005%
2	2.935	2.900	2.958	PV	935	11223	0.19%	0.025%
3	2.963	2.958	3.036	VV	238	4883	0.08%	0.011%
4	3.055	3.036	3.066	VV	154	1604	0.03%	0.004%
5	3.071	3.066	3.101	VV	38	700	0.01%	0.002%
6	3.125	3.101	3.168	VV	322	6980	0.12%	0.016%
7	3.175	3.168	3.186	VV	106	1043	0.02%	0.002%
8	3.193	3.186	3.202	VV	102	786	0.01%	0.002%
9	3.243	3.202	3.260	VV	344	5471	0.09%	0.012%
10	3.272	3.260	3.348	VV	314	6898	0.11%	0.016%
11	3.362	3.348	3.373	VV	141	1422	0.02%	0.003%
12	3.417	3.373	3.445	VV	122	3843	0.06%	0.009%
13	3.483	3.445	3.504	VV	247	5324	0.09%	0.012%
14	3.513	3.504	3.545	VV	253	4597	0.08%	0.010%
15	3.579	3.545	3.605	VV	249	5671	0.09%	0.013%
16	3.612	3.605	3.655	VV	135	3507	0.06%	0.008%
17	3.661	3.655	3.678	VV	108	1148	0.02%	0.003%
18	3.691	3.678	3.706	VV	275	2744	0.05%	0.006%
19	3.728	3.706	3.758	VV	349	6107	0.10%	0.014%
20	3.769	3.758	3.800	VV	217	3085	0.05%	0.007%
21	3.831	3.800	3.845	PV	1133	13016	0.22%	0.029%
22	3.854	3.845	3.902	VV	686	8587	0.14%	0.019%
23	3.930	3.902	3.981	PV	550	10528	0.17%	0.024%
24	4.006	3.981	4.021	VV	929	13744	0.23%	0.031%
25	4.040	4.021	4.131	VV	1578	46001	0.76%	0.104%
26	4.150	4.131	4.174	VV	483	7756	0.13%	0.017%
27	4.192	4.174	4.201	VV	257	3685	0.06%	0.008%
28	4.225	4.201	4.262	VV	1876	25985	0.43%	0.059%
29	4.274	4.262	4.321	VV	339	7458	0.12%	0.017%
30	4.338	4.321	4.356	VV	178	3123	0.05%	0.007%
31	4.397	4.356	4.427	VV	345	7453	0.12%	0.017%
32	4.444	4.427	4.478	VV	239	5403	0.09%	0.012%
33	4.503	4.478	4.524	VV	996	13265	0.22%	0.030%
34	4.540	4.524	4.561	VV	649	8618	0.14%	0.019%
35	4.578	4.561	4.595	VV	310	4080	0.07%	0.009%
36	4.623	4.595	4.641	VV	302	5448	0.09%	0.012%

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37	4.673	4.641	4.714	VV	523	11982	0.20%	0.027%
38	4.736	4.714	4.771	VV	237	5951	0.10%	0.013%
39	4.790	4.771	4.801	VV	453	5433	0.09%	0.012%
40	4.824	4.801	4.878	VV	1184	22085	0.37%	0.050%
41	4.894	4.878	4.906	VV	820	8337	0.14%	0.019%
42	4.925	4.906	4.947	VV	1758	21796	0.36%	0.049%
43	4.966	4.947	4.982	VV	645	9820	0.16%	0.022%
44	5.005	4.982	5.040	VV	879	15692	0.26%	0.035%
45	5.061	5.040	5.071	VV	214	3161	0.05%	0.007%
46	5.085	5.071	5.104	VV	376	4704	0.08%	0.011%
47	5.148	5.104	5.195	VV	1328	26975	0.45%	0.061%
48	5.214	5.195	5.240	VV	838	12981	0.22%	0.029%
49	5.263	5.240	5.281	VV	1521	18817	0.31%	0.042%
50	5.293	5.281	5.311	VV	707	8017	0.13%	0.018%
51	5.327	5.311	5.362	VV	711	9471	0.16%	0.021%
52	5.395	5.362	5.438	PV	659	13851	0.23%	0.031%
53	5.452	5.438	5.485	VV	700	12000	0.20%	0.027%
54	5.521	5.485	5.575	VV	503	13900	0.23%	0.031%
55	5.584	5.575	5.608	VV	162	1970	0.03%	0.004%
56	5.646	5.608	5.666	PV	2215	27203	0.45%	0.061%
57	5.693	5.666	5.745	VV	797	22126	0.37%	0.050%
58	5.770	5.745	5.785	VV	245	4349	0.07%	0.010%
59	5.797	5.785	5.807	VV	201	1765	0.03%	0.004%
60	5.839	5.807	5.862	VV	586	10933	0.18%	0.025%
61	5.872	5.862	5.883	VV	323	3136	0.05%	0.007%
62	5.942	5.883	6.003	VV	1068	34116	0.57%	0.077%
63	6.017	6.003	6.057	VV	403	9397	0.16%	0.021%
64	6.079	6.057	6.110	VV	363	6215	0.10%	0.014%
65	6.129	6.110	6.151	VV	386	4788	0.08%	0.011%
66	6.181	6.151	6.198	PV	480	7416	0.12%	0.017%
67	6.223	6.198	6.268	VV	1267	30868	0.51%	0.070%
68	6.281	6.268	6.303	VV	731	9040	0.15%	0.020%
69	6.326	6.303	6.351	VV	995	13094	0.22%	0.030%
70	6.386	6.351	6.406	VV	1636	26702	0.44%	0.060%
71	6.418	6.406	6.438	VV	782	9450	0.16%	0.021%
72	6.517	6.438	6.538	VV	480	19000	0.32%	0.043%
73	6.550	6.538	6.587	VV	424	8731	0.14%	0.020%
74	6.598	6.587	6.631	VV	276	6140	0.10%	0.014%
75	6.641	6.631	6.653	VV	205	2196	0.04%	0.005%
76	6.683	6.653	6.732	VV	3044	38758	0.64%	0.087%
77	6.769	6.732	6.788	PV	787	12100	0.20%	0.027%
78	6.801	6.788	6.817	VV	453	6302	0.10%	0.014%
79	6.836	6.817	6.860	VV	1197	15989	0.27%	0.036%
80	6.873	6.860	6.897	VV	348	4773	0.08%	0.011%
81	6.911	6.897	6.928	VV	425	4397	0.07%	0.010%
82	6.934	6.928	6.948	VV	185	1767	0.03%	0.004%
83	6.967	6.948	6.990	VV	554	7433	0.12%	0.017%
84	7.021	6.990	7.061	VV	579	12012	0.20%	0.027%
85	7.088	7.061	7.138	PV	394	7563	0.13%	0.017%
86	7.162	7.138	7.178	VV	183	2895	0.05%	0.007%
87	7.216	7.178	7.238	VV	708	15123	0.25%	0.034%
88	7.260	7.238	7.284	VV	957	12253	0.20%	0.028%
89	7.318	7.284	7.345	VV	1316	29898	0.50%	0.067%

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90	7.362	7.345	7.381	VV	1505	17824	0.30%	0.040%
91	7.405	7.381	7.441	VV	1636	24516	0.41%	0.055%
92	7.460	7.441	7.489	VV	671	10807	0.18%	0.024%
93	7.506	7.489	7.516	VV	466	5300	0.09%	0.012%
94	7.522	7.516	7.551	VV	378	4701	0.08%	0.011%
95	7.634	7.551	7.665	VV	5028	70003	1.16%	0.158%
96	7.687	7.665	7.705	VV	359	6513	0.11%	0.015%
97	7.721	7.705	7.747	VV	322	5402	0.09%	0.012%
98	7.761	7.747	7.785	VV	303	4415	0.07%	0.010%
99	7.807	7.785	7.838	VV	826	12638	0.21%	0.028%
100	7.854	7.838	7.886	VV	276	4916	0.08%	0.011%
101	7.918	7.886	7.937	VV	578	8285	0.14%	0.019%
102	7.954	7.937	7.988	VV	497	9123	0.15%	0.021%
103	8.005	7.988	8.018	PV	534	6519	0.11%	0.015%
104	8.031	8.018	8.049	VV	1288	14450	0.24%	0.033%
105	8.068	8.049	8.076	VV	854	9381	0.16%	0.021%
106	8.093	8.076	8.140	VV	1440	36209	0.60%	0.082%
107	8.165	8.140	8.184	VV	924	14042	0.23%	0.032%
108	8.210	8.184	8.227	VV	1667	23181	0.38%	0.052%
109	8.247	8.227	8.259	VV	1582	20991	0.35%	0.047%
110	8.267	8.259	8.308	VV	1347	20322	0.34%	0.046%
111	8.337	8.308	8.372	VV	2490	42022	0.70%	0.095%
112	8.392	8.372	8.408	VV	773	13821	0.23%	0.031%
113	8.433	8.408	8.454	VV	1138	25063	0.42%	0.056%
114	8.484	8.454	8.496	VV	1461	28808	0.48%	0.065%
115	8.518	8.496	8.549	VV	7572	103032	1.71%	0.232%
116	8.560	8.549	8.581	VV	933	16123	0.27%	0.036%
117	8.618	8.581	8.650	VV	1038	34997	0.58%	0.079%
118	8.675	8.650	8.692	VV	1826	31199	0.52%	0.070%
119	8.704	8.692	8.721	VV	1311	19071	0.32%	0.043%
120	8.739	8.721	8.782	VV	1518	34025	0.56%	0.077%
121	8.809	8.782	8.835	VV	857	19964	0.33%	0.045%
122	8.848	8.835	8.861	VV	749	9862	0.16%	0.022%
123	8.896	8.861	8.908	VV	1230	29164	0.48%	0.066%
124	8.913	8.908	8.923	VV	1210	10930	0.18%	0.025%
125	8.942	8.923	8.958	VV	1739	30283	0.50%	0.068%
126	8.975	8.958	8.995	VV	2450	41567	0.69%	0.094%
127	9.014	8.995	9.027	VV	2237	36268	0.60%	0.082%
128	9.061	9.027	9.088	VV	6943	122614	2.04%	0.276%
129	9.113	9.088	9.128	VV	2199	39112	0.65%	0.088%
130	9.139	9.128	9.153	VV	1751	23123	0.38%	0.052%
131	9.209	9.153	9.227	VV	2020	69255	1.15%	0.156%
132	9.270	9.227	9.301	VV	2330	84753	1.41%	0.191%
133	9.349	9.301	9.413	VV	13426	278916	4.63%	0.628%
134	9.435	9.413	9.459	VV	2832	63003	1.05%	0.142%
135	9.492	9.459	9.518	VV	2409	74055	1.23%	0.167%
136	9.551	9.518	9.564	VV	2635	61130	1.01%	0.138%
137	9.581	9.564	9.604	VV	3085	63899	1.06%	0.144%
138	9.634	9.604	9.669	VV	3289	106558	1.77%	0.240%
139	9.727	9.669	9.758	VV	5262	191515	3.18%	0.431%
140	9.808	9.758	9.834	VV	5521	179720	2.98%	0.405%
141	9.857	9.834	9.875	VV	4918	97923	1.63%	0.221%

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142	9.910	9.875	9.932	VV	5063	142688	2.37%	0.321%
143	9.959	9.932	9.973	VV	4190	91881	1.53%	0.207%
144	9.998	9.973	10.031	VV	27547	406739	6.75%	0.916%
145	10.044	10.031	10.055	VV	5262	72520	1.20%	0.163%
146	10.086	10.055	10.108	VV	6348	182625	3.03%	0.411%
147	10.133	10.108	10.178	VV	20743	374665	6.22%	0.844%
148	10.213	10.178	10.225	VV	5029	137527	2.28%	0.310%
149	10.235	10.225	10.281	VV	5076	151132	2.51%	0.340%
150	10.307	10.281	10.333	VV	5392	149491	2.48%	0.337%
151	10.367	10.333	10.389	VV	5293	166162	2.76%	0.374%
152	10.410	10.389	10.434	VV	5444	138290	2.30%	0.312%
153	10.481	10.434	10.496	VV	7278	219448	3.64%	0.494%
154	10.523	10.496	10.551	VV	17827	356142	5.91%	0.802%
155	10.574	10.551	10.593	VV	7983	174618	2.90%	0.393%
156	10.613	10.593	10.633	VV	7849	169158	2.81%	0.381%
157	10.668	10.633	10.694	VV	8921	258626	4.29%	0.583%
158	10.716	10.694	10.731	VV	6570	136056	2.26%	0.307%
159	10.801	10.731	10.839	VV	80099	1289338	21.40%	2.905%
160	10.875	10.839	10.912	VV	25359	548120	9.10%	1.235%
161	10.947	10.912	10.978	VV	32861	642826	10.67%	1.448%
162	10.993	10.978	11.054	VV	8193	341059	5.66%	0.768%
163	11.089	11.054	11.104	VV	7495	216672	3.60%	0.488%
164	11.119	11.104	11.139	VV	8340	163233	2.71%	0.368%
165	11.157	11.139	11.176	VV	8164	166879	2.77%	0.376%
166	11.203	11.176	11.236	VV	9629	303442	5.04%	0.684%
167	11.269	11.236	11.312	VV	10550	395855	6.57%	0.892%
168	11.332	11.312	11.368	VV	8964	269247	4.47%	0.607%
169	11.385	11.368	11.414	VV	9060	219934	3.65%	0.495%
170	11.438	11.414	11.464	VV	8227	227870	3.78%	0.513%
171	11.552	11.464	11.567	VV	32657	801391	13.30%	1.805%
172	11.581	11.567	11.638	VV	27787	589761	9.79%	1.329%
173	11.672	11.638	11.714	VV	26555	631360	10.48%	1.422%
174	11.739	11.714	11.761	VV	8259	218847	3.63%	0.493%
175	11.780	11.761	11.798	VV	7868	168815	2.80%	0.380%
176	11.900	11.798	11.953	VV	485301	6023729	100.00%	13.571%
177	11.979	11.953	11.999	VV	10614	267080	4.43%	0.602%
178	12.023	11.999	12.053	VV	12767	342202	5.68%	0.771%
179	12.069	12.053	12.106	VV	9630	284844	4.73%	0.642%
180	12.132	12.106	12.167	VV	14490	380978	6.32%	0.858%
181	12.190	12.167	12.208	VV	12020	246968	4.10%	0.556%
182	12.253	12.208	12.306	VV	26976	790320	13.12%	1.781%
183	12.321	12.306	12.332	VV	8672	130103	2.16%	0.293%
184	12.339	12.332	12.352	VV	8625	103345	1.72%	0.233%
185	12.361	12.352	12.431	VV	8388	378353	6.28%	0.852%
186	12.456	12.431	12.493	VV	8142	289092	4.80%	0.651%
187	12.527	12.493	12.578	VV	9254	430193	7.14%	0.969%
188	12.617	12.578	12.651	VV	9398	377217	6.26%	0.850%
189	12.667	12.651	12.700	VV	9801	250262	4.15%	0.564%
190	12.722	12.700	12.730	VV	8717	151100	2.51%	0.340%
191	12.741	12.730	12.788	VV	9022	283834	4.71%	0.639%
192	12.820	12.788	12.863	VV	9273	364159	6.05%	0.820%
193	12.895	12.863	12.936	VV	25990	556095	9.23%	1.253%
194	12.962	12.936	12.996	VV	9400	297635	4.94%	0.671%

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195	13.010	12.996	13.028	VV	7702	140944	2.34%	0.318%
196	13.042	13.028	13.084	VV	7389	232090	3.85%	0.523%
197	13.097	13.084	13.107	VV	6498	87340	1.45%	0.197%
198	13.153	13.107	13.205	VV	8003	415461	6.90%	0.936%
199	13.220	13.205	13.238	VV	6896	128627	2.14%	0.290%
200	13.257	13.238	13.276	VV	7615	160269	2.66%	0.361%
201	13.344	13.276	13.378	VV	321552	4329366	71.87%	9.754%
202	13.391	13.378	13.483	VV	9108	464627	7.71%	1.047%
203	13.510	13.483	13.537	VV	18386	350569	5.82%	0.790%
204	13.553	13.537	13.601	VV	7163	248079	4.12%	0.559%
205	13.613	13.601	13.660	VV	6745	204574	3.40%	0.461%
206	13.677	13.660	13.696	VV	5509	113101	1.88%	0.255%
207	13.738	13.696	13.764	VV	6296	229496	3.81%	0.517%
208	13.783	13.764	13.836	VV	5534	227190	3.77%	0.512%
209	13.855	13.836	13.873	VV	5189	109272	1.81%	0.246%
210	13.898	13.873	13.917	VV	5619	137689	2.29%	0.310%
211	13.937	13.917	13.980	VV	5501	185571	3.08%	0.418%
212	14.008	13.980	14.032	VV	4923	143447	2.38%	0.323%
213	14.049	14.032	14.066	VV	5147	97878	1.62%	0.221%
214	14.097	14.066	14.144	VV	13934	324844	5.39%	0.732%
215	14.154	14.144	14.168	VV	4044	55035	0.91%	0.124%
216	14.182	14.168	14.211	VV	4261	98959	1.64%	0.223%
217	14.225	14.211	14.291	VV	3525	157107	2.61%	0.354%
218	14.328	14.291	14.350	VV	4039	128252	2.13%	0.289%
219	14.371	14.350	14.428	VV	4680	164995	2.74%	0.372%
220	14.462	14.428	14.472	VV	3308	81643	1.36%	0.184%
221	14.495	14.472	14.554	VV	4067	173543	2.88%	0.391%
222	14.605	14.554	14.635	VV	3022	129216	2.15%	0.291%
223	14.662	14.635	14.709	VV	8169	174864	2.90%	0.394%
224	14.725	14.709	14.754	VV	2698	66326	1.10%	0.149%
225	14.767	14.754	14.777	VV	2229	28978	0.48%	0.065%
226	14.791	14.777	14.841	VV	2257	72816	1.21%	0.164%
227	14.868	14.841	14.892	VV	1881	50829	0.84%	0.115%
228	14.916	14.892	14.932	VV	1863	41304	0.69%	0.093%
229	14.948	14.932	14.978	VV	1787	42899	0.71%	0.097%
230	14.983	14.978	15.000	VV	1540	18971	0.31%	0.043%
231	15.042	15.000	15.081	VV	1932	74466	1.24%	0.168%
232	15.093	15.081	15.125	VV	1420	33168	0.55%	0.075%
233	15.162	15.125	15.184	VV	2187	61814	1.03%	0.139%
234	15.205	15.184	15.235	VV	4798	92421	1.53%	0.208%
235	15.250	15.235	15.374	VV	2180	88395	1.47%	0.199%
236	15.395	15.374	15.434	VV	1084	27340	0.45%	0.062%
237	15.448	15.434	15.500	VV	787	21096	0.35%	0.048%
238	15.533	15.500	15.558	VV	593	16918	0.28%	0.038%
239	15.599	15.558	15.702	VV	10007	340753	5.66%	0.768%
240	15.733	15.702	15.766	VV	3083	82043	1.36%	0.185%
241	15.794	15.766	15.842	VV	5721	98493	1.64%	0.222%
242	15.857	15.842	15.923	VV	551	16013	0.27%	0.036%
243	15.937	15.923	15.974	VV	279	6275	0.10%	0.014%
244	15.986	15.974	16.008	VV	353	4196	0.07%	0.009%
245	16.029	16.008	16.068	VV	248	5601	0.09%	0.013%
246	16.140	16.068	16.167	VV	459	14025	0.23%	0.032%

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247	16.190	16.167	16.203	VV	397	7140	0.12%	0.016%
248	16.228	16.203	16.252	VV	1557	22689	0.38%	0.051%
249	16.291	16.252	16.321	VV	443	10013	0.17%	0.023%
250	16.338	16.321	16.378	VV	294	5829	0.10%	0.013%
251	16.424	16.378	16.448	VV	263	5725	0.10%	0.013%
252	16.474	16.448	16.498	PV	73	1147	0.02%	0.003%
253	16.550	16.498	16.587	PV	1929	30851	0.51%	0.070%
254	16.621	16.587	16.641	VV	638	13086	0.22%	0.029%
255	16.675	16.641	16.691	VV	1499	29142	0.48%	0.066%
256	16.710	16.691	16.765	VV	2403	51623	0.86%	0.116%
257	16.789	16.765	16.807	VV	1426	24767	0.41%	0.056%
258	16.821	16.807	16.848	VV	1209	17760	0.29%	0.040%
259	16.876	16.848	16.933	VV	434	12056	0.20%	0.027%
260	16.945	16.933	16.971	VV	239	2653	0.04%	0.006%
261	17.006	16.971	17.054	PV	1422	32828	0.54%	0.074%
262	17.094	17.054	17.123	VV	596	18595	0.31%	0.042%
263	17.179	17.123	17.207	VV	4378	83091	1.38%	0.187%
264	17.225	17.207	17.247	VV	1425	22024	0.37%	0.050%
265	17.262	17.247	17.291	VV	641	12389	0.21%	0.028%
266	17.298	17.291	17.309	VV	315	3189	0.05%	0.007%
267	17.356	17.309	17.393	VV	525	19566	0.32%	0.044%
268	17.419	17.393	17.444	VV	433	7758	0.13%	0.017%
269	17.516	17.444	17.527	PV	994	16036	0.27%	0.036%
270	17.549	17.527	17.578	VV	1651	31201	0.52%	0.070%
271	17.595	17.578	17.603	VV	954	12730	0.21%	0.029%
272	17.632	17.603	17.691	VV	6932	113585	1.89%	0.256%
273	17.723	17.691	17.778	VV	755	24120	0.40%	0.054%
274	17.801	17.778	17.822	VV	292	4894	0.08%	0.011%
275	17.839	17.822	17.854	VV	184	2000	0.03%	0.005%
276	17.875	17.854	17.910	PV	287	6615	0.11%	0.015%
277	17.918	17.910	17.934	VV	141	1220	0.02%	0.003%
278	18.031	17.934	18.042	PV	1734	36570	0.61%	0.082%
279	18.069	18.042	18.108	VV	9997	155338	2.58%	0.350%
280	18.160	18.108	18.189	VV	1261	30738	0.51%	0.069%
281	18.212	18.189	18.228	VV	1052	17265	0.29%	0.039%
282	18.245	18.228	18.271	VV	689	14322	0.24%	0.032%
283	18.297	18.271	18.323	VV	1486	25601	0.43%	0.058%
284	18.344	18.323	18.361	VV	521	7666	0.13%	0.017%
285	18.390	18.361	18.414	VV	2775	47260	0.78%	0.106%
286	18.448	18.414	18.460	VV	2833	55337	0.92%	0.125%
287	18.493	18.460	18.540	VV	14743	278390	4.62%	0.627%
288	18.551	18.540	18.566	VV	1438	21009	0.35%	0.047%
289	18.576	18.566	18.663	VV	1392	46159	0.77%	0.104%
290	18.728	18.663	18.740	VV	1372	31205	0.52%	0.070%
291	18.757	18.740	18.835	VV	1423	44404	0.74%	0.100%
292	18.904	18.835	18.947	PV	17474	273520	4.54%	0.616%
293	19.006	18.947	19.034	VV	1206	34054	0.57%	0.077%
294	19.059	19.034	19.126	VV	1006	31543	0.52%	0.071%
295	19.162	19.126	19.184	VV	881	17398	0.29%	0.039%
296	19.217	19.184	19.241	VV	1844	32344	0.54%	0.073%
297	19.303	19.241	19.374	VV	16937	343397	5.70%	0.774%
298	19.407	19.374	19.418	VV	1055	24092	0.40%	0.054%
299	19.457	19.418	19.478	VV	1182	36553	0.61%	0.082%

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300	19.497	19.478	19.520	VV	827	17737	0.29%	0.040%
301	19.552	19.520	19.576	VV	1542	32747	0.54%	0.074%
302	19.596	19.576	19.624	VV	946	18689	0.31%	0.042%
303	19.691	19.624	19.750	VV	16965	293655	4.87%	0.662%
304	19.804	19.750	19.840	VV	1094	42960	0.71%	0.097%
305	19.875	19.840	19.894	VV	1024	29359	0.49%	0.066%
306	19.932	19.894	19.954	VV	1626	41695	0.69%	0.094%
307	19.981	19.954	20.020	VV	2161	57537	0.96%	0.130%
308	20.066	20.020	20.150	VV	14983	346278	5.75%	0.780%
309	20.218	20.150	20.239	VV	2496	106071	1.76%	0.239%
310	20.304	20.239	20.326	VV	3187	133985	2.22%	0.302%
311	20.345	20.326	20.382	VV	2946	84619	1.40%	0.191%
312	20.433	20.382	20.484	VV	15769	376439	6.25%	0.848%
313	20.496	20.484	20.528	VV	3108	75511	1.25%	0.170%
314	20.591	20.528	20.634	VV	4154	215093	3.57%	0.485%
315	20.661	20.634	20.682	VV	4177	112091	1.86%	0.253%
316	20.707	20.682	20.741	VV	4359	142603	2.37%	0.321%
317	20.791	20.741	20.858	VV	12605	453579	7.53%	1.022%
318	20.863	20.858	20.888	VV	4498	77966	1.29%	0.176%
319	20.947	20.888	21.001	VV	5158	312945	5.20%	0.705%
320	21.026	21.001	21.050	VV	4405	126544	2.10%	0.285%
321	21.079	21.050	21.128	VV	4707	197898	3.29%	0.446%
322	21.174	21.128	21.255	VV	11258	456436	7.58%	1.028%
323	21.272	21.255	21.297	VV	3622	86393	1.43%	0.195%
324	21.366	21.297	21.394	VV	3669	204766	3.40%	0.461%
325	21.432	21.394	21.461	VV	3575	137907	2.29%	0.311%
326	21.496	21.461	21.561	VV	3657	196700	3.27%	0.443%
327	21.603	21.561	21.694	VV	6360	314680	5.22%	0.709%
328	21.725	21.694	21.741	VV	2702	73470	1.22%	0.166%
329	21.821	21.741	21.871	VV	2723	202335	3.36%	0.456%
330	21.895	21.871	21.931	VV	2389	80276	1.33%	0.181%
331	21.983	21.931	21.999	VV	2026	80789	1.34%	0.182%
332	22.006	21.999	22.016	VV	1853	18507	0.31%	0.042%
333	22.091	22.016	22.201	VV	5376	306405	5.09%	0.690%
334	22.225	22.201	22.294	VV	1586	79170	1.31%	0.178%
335	22.345	22.294	22.388	VV	1132	59042	0.98%	0.133%
336	22.430	22.388	22.481	VV	772	33778	0.56%	0.076%
337	22.514	22.481	22.563	VV	316	10941	0.18%	0.025%

Sum of corrected areas: 44386579

Aliphatic EPH 032925.M Tue Apr 01 02:29:37 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053081.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 20:04
Operator : YP\AJ
Sample : Q1675-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
K1P

Integration File: autoint1.e
Quant Time: Apr 01 01:43:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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)	11.901	6246381	38.349 ug/ml
Spiked Amount 50.000		Recovery =	76.70%
12) S 1-chlorooctadecane (S...	13.345	4572689	38.092 ug/ml
Spiked Amount 50.000		Recovery =	76.18%
Target Compounds			

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

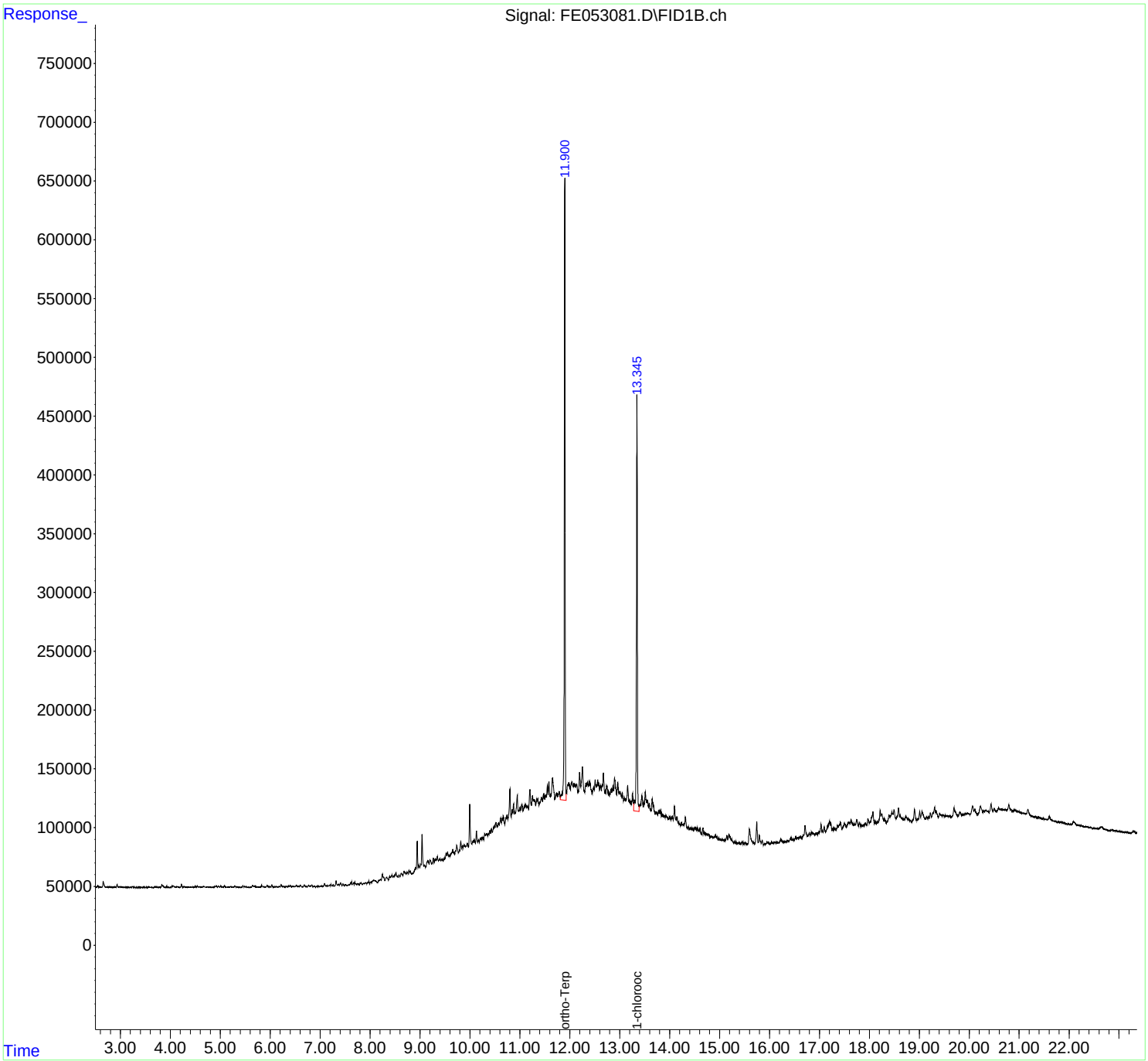
Sample Results: **FE053081.D**

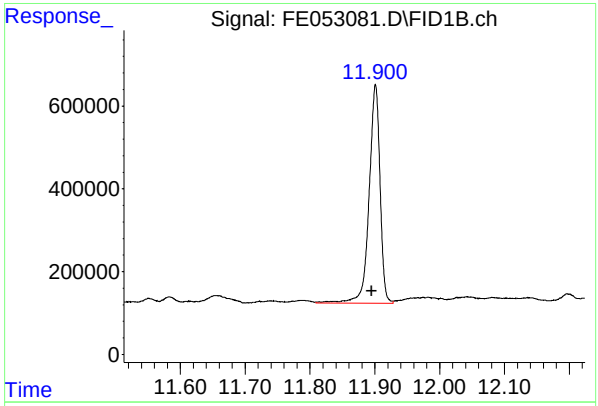
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053081.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 20:04
Operator : YP\AJ
Sample : Q1675-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
K1P

Integration File: autoint1.e
Quant Time: Apr 01 01:43:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

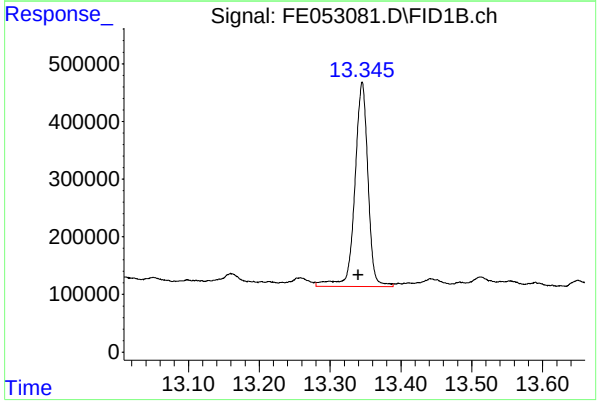




#9 ortho-Terphenyl (SURR)

R.T.: 11.901 min
Delta R.T.: 0.006 mi
Response: 6246381
Conc: 38.35 ug/m

Instrument :
FID_E
ClientSampleId :
K1P



#12 1-chlorooctadecane (SURR)

R.T.: 13.345 min
Delta R.T.: 0.005 min
Response: 4572689
Conc: 38.09 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053081.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 20:04
Sample : Q1675-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	2.865	2.805	2.907	BV	328	8747	0.08%	0.004%
2	2.933	2.907	2.963	VV	2618	29755	0.28%	0.012%
3	2.977	2.963	3.038	VV	532	11523	0.11%	0.005%
4	3.045	3.038	3.091	VV	180	1844	0.02%	0.001%
5	3.116	3.091	3.151	VV	219	4406	0.04%	0.002%
6	3.166	3.151	3.188	VV	142	2185	0.02%	0.001%
7	3.201	3.188	3.213	VV	133	1446	0.01%	0.001%
8	3.242	3.213	3.340	VV	806	15020	0.14%	0.006%
9	3.352	3.340	3.361	PV	141	1017	0.01%	0.000%
10	3.384	3.361	3.401	VV	274	3519	0.03%	0.001%
11	3.419	3.401	3.444	VV	235	3314	0.03%	0.001%
12	3.477	3.444	3.534	VV	401	9044	0.09%	0.004%
13	3.557	3.534	3.590	VV	288	5691	0.05%	0.002%
14	3.606	3.590	3.618	VV	184	2135	0.02%	0.001%
15	3.628	3.618	3.674	VV	166	3167	0.03%	0.001%
16	3.693	3.674	3.711	VV	607	8092	0.08%	0.003%
17	3.729	3.711	3.755	VV	725	9656	0.09%	0.004%
18	3.772	3.755	3.797	VV	255	3554	0.03%	0.001%
19	3.830	3.797	3.908	VV	2546	55855	0.53%	0.022%
20	3.930	3.908	3.990	VV	1055	16860	0.16%	0.007%
21	4.057	3.990	4.120	VV	1368	47116	0.45%	0.019%
22	4.142	4.120	4.197	VV	681	17991	0.17%	0.007%
23	4.224	4.197	4.252	VV	2776	36213	0.35%	0.015%
24	4.272	4.252	4.368	VV	821	27746	0.27%	0.011%
25	4.372	4.368	4.385	VV	273	2148	0.02%	0.001%
26	4.393	4.385	4.426	VV	264	4819	0.05%	0.002%
27	4.453	4.426	4.478	VV	334	6466	0.06%	0.003%
28	4.503	4.478	4.522	VV	1177	15218	0.15%	0.006%
29	4.540	4.522	4.558	VV	1167	13920	0.13%	0.006%
30	4.577	4.558	4.598	VV	596	10094	0.10%	0.004%
31	4.624	4.598	4.640	VV	625	9739	0.09%	0.004%
32	4.658	4.640	4.699	VV	933	19204	0.18%	0.008%
33	4.716	4.699	4.748	VV	328	8539	0.08%	0.003%
34	4.754	4.748	4.771	VV	343	3521	0.03%	0.001%
35	4.788	4.771	4.805	VV	448	5622	0.05%	0.002%
36	4.812	4.805	4.863	VV	274	7003	0.07%	0.003%

rteres

37	4.891	4.863	4.904	VV	916	12922	0.12%	0.005%
38	4.921	4.904	4.945	VV	1646	21700	0.21%	0.009%
39	4.964	4.945	4.991	VV	1223	20164	0.19%	0.008%
40	5.008	4.991	5.035	VV	1223	19397	0.19%	0.008%
41	5.041	5.035	5.049	VV	449	3782	0.04%	0.002%
42	5.086	5.049	5.133	VV	1126	27391	0.26%	0.011%
43	5.158	5.133	5.192	VV	408	11880	0.11%	0.005%
44	5.209	5.192	5.242	VV	794	13994	0.13%	0.006%
45	5.261	5.242	5.273	VV	655	7553	0.07%	0.003%
46	5.292	5.273	5.314	VV	1479	18947	0.18%	0.008%
47	5.326	5.314	5.359	VV	555	8123	0.08%	0.003%
48	5.368	5.359	5.378	VV	89	801	0.01%	0.000%
49	5.420	5.378	5.430	VV	211	3374	0.03%	0.001%
50	5.453	5.430	5.477	VV	1524	20730	0.20%	0.008%
51	5.498	5.477	5.571	VV	654	19032	0.18%	0.008%
52	5.589	5.571	5.608	VV	202	2496	0.02%	0.001%
53	5.611	5.608	5.625	VV	94	404	0.00%	0.000%
54	5.647	5.625	5.669	PV	1851	27149	0.26%	0.011%
55	5.691	5.669	5.738	VV	1227	26721	0.26%	0.011%
56	5.764	5.738	5.798	VV	378	7719	0.07%	0.003%
57	5.832	5.798	5.859	VV	1535	25817	0.25%	0.010%
58	5.873	5.859	5.898	VV	513	8219	0.08%	0.003%
59	5.938	5.898	5.978	VV	1718	33824	0.32%	0.014%
60	5.995	5.978	6.015	VV	652	9054	0.09%	0.004%
61	6.034	6.015	6.065	VV	2218	27055	0.26%	0.011%
62	6.091	6.065	6.109	VV	481	8879	0.09%	0.004%
63	6.126	6.109	6.146	VV	492	6732	0.06%	0.003%
64	6.182	6.146	6.201	VV	641	12814	0.12%	0.005%
65	6.219	6.201	6.298	VV	2307	44942	0.43%	0.018%
66	6.321	6.298	6.340	VV	665	8581	0.08%	0.003%
67	6.367	6.340	6.379	VV	935	14117	0.14%	0.006%
68	6.397	6.379	6.433	VV	1204	23005	0.22%	0.009%
69	6.450	6.433	6.482	VV	611	11181	0.11%	0.004%
70	6.523	6.482	6.554	VV	1587	31361	0.30%	0.013%
71	6.571	6.554	6.583	VV	644	9556	0.09%	0.004%
72	6.606	6.583	6.661	VV	1603	28946	0.28%	0.012%
73	6.684	6.661	6.736	VV	1852	29055	0.28%	0.012%
74	6.765	6.736	6.783	VV	1346	18160	0.17%	0.007%
75	6.794	6.783	6.814	VV	713	12051	0.12%	0.005%
76	6.832	6.814	6.860	VV	1540	22534	0.22%	0.009%
77	6.880	6.860	6.905	VV	449	8187	0.08%	0.003%
78	6.935	6.905	6.950	PV	399	4905	0.05%	0.002%
79	6.965	6.950	6.984	VV	553	6065	0.06%	0.002%
80	7.011	6.984	7.021	VV	649	7914	0.08%	0.003%
81	7.030	7.021	7.068	VV	488	10434	0.10%	0.004%
82	7.089	7.068	7.130	VV	2634	38279	0.37%	0.015%
83	7.147	7.130	7.164	VV	545	8924	0.09%	0.004%
84	7.188	7.164	7.200	VV	936	12887	0.12%	0.005%
85	7.216	7.200	7.238	VV	1539	20694	0.20%	0.008%
86	7.257	7.238	7.281	VV	1130	15497	0.15%	0.006%
87	7.321	7.281	7.349	VV	4588	67162	0.64%	0.027%
88	7.374	7.349	7.389	VV	1364	25073	0.24%	0.010%
89	7.409	7.389	7.439	VV	2122	39790	0.38%	0.016%

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90	7.458	7.439	7.485	VV	1676	21975	0.21%	0.009%
91	7.504	7.485	7.525	PV	899	11441	0.11%	0.005%
92	7.538	7.525	7.552	VV	250	2886	0.03%	0.001%
93	7.573	7.552	7.581	PV	603	6327	0.06%	0.003%
94	7.609	7.581	7.619	VV	1823	24435	0.23%	0.010%
95	7.634	7.619	7.652	VV	2809	35102	0.34%	0.014%
96	7.671	7.652	7.685	VV	1667	23028	0.22%	0.009%
97	7.698	7.685	7.731	VV	2026	34324	0.33%	0.014%
98	7.751	7.731	7.787	VV	1068	18893	0.18%	0.008%
99	7.807	7.787	7.845	PV	1369	27755	0.27%	0.011%
100	7.918	7.845	7.935	VV	1483	42998	0.41%	0.017%
101	7.952	7.935	7.960	VV	1653	18061	0.17%	0.007%
102	7.975	7.960	7.995	VV	2278	31671	0.30%	0.013%
103	8.015	7.995	8.031	VV	1705	26602	0.25%	0.011%
104	8.070	8.031	8.112	VV	2785	111940	1.07%	0.045%
105	8.120	8.112	8.142	VV	2114	29045	0.28%	0.012%
106	8.208	8.142	8.223	VV	3324	107041	1.03%	0.043%
107	8.248	8.223	8.299	VV	7781	206445	1.98%	0.083%
108	8.335	8.299	8.369	VV	4762	145637	1.39%	0.058%
109	8.392	8.369	8.406	VV	5375	89613	0.86%	0.036%
110	8.438	8.406	8.455	VV	6187	151021	1.45%	0.061%
111	8.520	8.455	8.561	VV	8076	344210	3.30%	0.138%
112	8.581	8.561	8.601	VV	5515	117656	1.13%	0.047%
113	8.624	8.601	8.657	VV	7028	197908	1.90%	0.079%
114	8.681	8.657	8.722	VV	8638	278205	2.66%	0.111%
115	8.743	8.722	8.762	VV	7589	167537	1.60%	0.067%
116	8.780	8.762	8.795	VV	9111	153897	1.47%	0.062%
117	8.806	8.795	8.838	VV	8279	182289	1.75%	0.073%
118	8.850	8.838	8.861	VV	6228	84085	0.81%	0.034%
119	8.913	8.861	8.925	VV	10941	330040	3.16%	0.132%
120	8.945	8.925	8.966	VV	33528	490882	4.70%	0.197%
121	8.977	8.966	8.995	VV	13088	212431	2.03%	0.085%
122	9.043	8.995	9.078	VV	38405	896512	8.59%	0.359%
123	9.090	9.078	9.112	VV	12251	240145	2.30%	0.096%
124	9.162	9.112	9.183	VV	16151	597291	5.72%	0.239%
125	9.201	9.183	9.232	VV	16615	437898	4.19%	0.175%
126	9.268	9.232	9.286	VV	17782	488324	4.68%	0.196%
127	9.305	9.286	9.315	VV	16836	272239	2.61%	0.109%
128	9.349	9.315	9.372	VV	19149	585799	5.61%	0.235%
129	9.399	9.372	9.421	VV	16927	465954	4.46%	0.187%
130	9.435	9.421	9.465	VV	16332	416846	3.99%	0.167%
131	9.482	9.465	9.497	VV	16997	317554	3.04%	0.127%
132	9.525	9.497	9.538	VV	21368	471468	4.52%	0.189%
133	9.553	9.538	9.571	VV	22242	394723	3.78%	0.158%
134	9.581	9.571	9.595	VV	19541	273415	2.62%	0.110%
135	9.656	9.595	9.693	VV	23959	1242427	11.90%	0.498%
136	9.738	9.693	9.771	VV	27397	1074246	10.29%	0.430%
137	9.819	9.771	9.837	VV	30143	988345	9.47%	0.396%
138	9.850	9.837	9.864	VV	26070	407286	3.90%	0.163%
139	9.879	9.864	9.918	VV	26859	839232	8.04%	0.336%
140	9.945	9.918	9.972	VV	28012	866887	8.30%	0.347%
141	9.998	9.972	10.036	VV	60945	1441295	13.80%	0.577%

rteres

142	10.073	10.036	10.085	VV	30615	856855	8.21%	0.343%
143	10.094	10.085	10.110	VV	29654	429255	4.11%	0.172%
144	10.133	10.110	10.155	VV	38122	880321	8.43%	0.353%
145	10.175	10.155	10.188	VV	30464	582879	5.58%	0.234%
146	10.209	10.188	10.221	VV	31543	605023	5.79%	0.242%
147	10.251	10.221	10.277	VV	32263	1049540	10.05%	0.420%
148	10.298	10.277	10.311	VV	35267	694504	6.65%	0.278%
149	10.339	10.311	10.355	VV	35125	893929	8.56%	0.358%
150	10.398	10.355	10.414	VV	37821	1264897	12.11%	0.507%
151	10.432	10.414	10.448	VV	38912	754109	7.22%	0.302%
152	10.493	10.448	10.505	VV	40910	1327255	12.71%	0.532%
153	10.523	10.505	10.544	VV	43845	996051	9.54%	0.399%
154	10.571	10.544	10.587	VV	43016	1078500	10.33%	0.432%
155	10.614	10.587	10.631	VV	47473	1188905	11.39%	0.476%
156	10.645	10.631	10.658	VV	46874	735072	7.04%	0.295%
157	10.669	10.658	10.701	VV	49579	1181223	11.31%	0.473%
158	10.741	10.701	10.761	VV	49618	1685432	16.14%	0.675%
159	10.802	10.761	10.827	VV	71667	2192525	21.00%	0.878%
160	10.849	10.827	10.861	VV	54140	1062129	10.17%	0.426%
161	10.876	10.861	10.898	VV	58595	1199495	11.49%	0.481%
162	10.949	10.898	10.983	VV	65513	2842309	27.22%	1.139%
163	11.004	10.983	11.017	VV	55393	1070562	10.25%	0.429%
164	11.038	11.017	11.067	VV	57433	1659366	15.89%	0.665%
165	11.085	11.067	11.098	VV	55845	1013088	9.70%	0.406%
166	11.115	11.098	11.177	VV	57331	2652123	25.40%	1.063%
167	11.203	11.177	11.235	VV	69777	2105106	20.16%	0.843%
168	11.255	11.235	11.321	VV	64749	3114361	29.83%	1.248%
169	11.361	11.321	11.385	VV	61815	2277404	21.81%	0.912%
170	11.433	11.385	11.457	VV	62068	2592424	24.83%	1.039%
171	11.480	11.457	11.499	VV	65685	1572281	15.06%	0.630%
172	11.552	11.499	11.567	VV	72055	2645752	25.34%	1.060%
173	11.583	11.567	11.621	VV	75138	2202483	21.09%	0.882%
174	11.656	11.621	11.701	VV	78131	3337513	31.97%	1.337%
175	11.740	11.701	11.763	VV	65015	2350993	22.52%	0.942%
176	11.788	11.763	11.809	VV	66036	1772477	16.98%	0.710%
177	11.901	11.809	11.928	VV	588766	10440979	100.00%	4.183%
178	11.981	11.928	12.011	VV	73279	3487503	33.40%	1.397%
179	12.043	12.011	12.068	VV	74040	2413107	23.11%	0.967%
180	12.082	12.068	12.123	VV	72457	2344545	22.46%	0.939%
181	12.138	12.123	12.169	VV	71631	1914313	18.33%	0.767%
182	12.198	12.169	12.216	VV	80623	2023529	19.38%	0.811%
183	12.255	12.216	12.297	VV	86013	3555359	34.05%	1.424%
184	12.325	12.297	12.336	VV	71371	1625840	15.57%	0.651%
185	12.356	12.336	12.378	VV	72131	1754362	16.80%	0.703%
186	12.401	12.378	12.445	VV	72276	2751898	26.36%	1.103%
187	12.477	12.445	12.491	VV	67992	1824898	17.48%	0.731%
188	12.509	12.491	12.531	VV	73676	1647258	15.78%	0.660%
189	12.560	12.531	12.604	VV	73607	3076952	29.47%	1.233%
190	12.621	12.604	12.635	VV	69064	1234229	11.82%	0.494%
191	12.674	12.635	12.717	VV	79319	3372098	32.30%	1.351%
192	12.740	12.717	12.792	VV	67431	2877499	27.56%	1.153%
193	12.832	12.792	12.844	VV	64591	1944348	18.62%	0.779%
194	12.865	12.844	12.881	VV	67790	1466328	14.04%	0.587%

rteres

195	12.898	12.881	12.937	VV	74034	2254051	21.59%	0.903%
196	12.960	12.937	12.990	VV	70632	2066404	19.79%	0.828%
197	13.001	12.990	13.034	VV	62089	1590039	15.23%	0.637%
198	13.050	13.034	13.081	VV	61013	1634159	15.65%	0.655%
199	13.099	13.081	13.125	VV	57006	1438426	13.78%	0.576%
200	13.161	13.125	13.228	VV	67322	3493172	33.46%	1.400%
201	13.258	13.228	13.280	VV	59792	1727673	16.55%	0.692%
202	13.299	13.280	13.308	VV	53766	876805	8.40%	0.351%
203	13.345	13.308	13.389	VV	397148	6611461	63.32%	2.649%
204	13.443	13.389	13.471	VV	57909	2552927	24.45%	1.023%
205	13.513	13.471	13.548	VV	60526	2454350	23.51%	0.983%
206	13.554	13.548	13.575	VV	53330	815244	7.81%	0.327%
207	13.590	13.575	13.630	VV	50447	1572350	15.06%	0.630%
208	13.650	13.630	13.709	VV	54048	2235072	21.41%	0.895%
209	13.722	13.709	13.758	VV	42963	1243767	11.91%	0.498%
210	13.779	13.758	13.804	VV	43619	1154626	11.06%	0.463%
211	13.820	13.804	13.838	VV	44473	869786	8.33%	0.348%
212	13.847	13.838	13.865	VV	40760	634930	6.08%	0.254%
213	13.874	13.865	13.905	VV	39600	931205	8.92%	0.373%
214	13.930	13.905	13.971	VV	39297	1508438	14.45%	0.604%
215	13.994	13.971	14.034	VV	37834	1384531	13.26%	0.555%
216	14.050	14.034	14.070	VV	38411	782349	7.49%	0.313%
217	14.098	14.070	14.131	VV	46327	1439011	13.78%	0.577%
218	14.148	14.131	14.227	VV	37262	1875255	17.96%	0.751%
219	14.241	14.227	14.291	VV	31686	1178787	11.29%	0.472%
220	14.314	14.291	14.349	VV	36690	1098767	10.52%	0.440%
221	14.371	14.349	14.396	VV	28052	761929	7.30%	0.305%
222	14.414	14.396	14.437	VV	26809	642641	6.15%	0.257%
223	14.452	14.437	14.471	VV	26806	530314	5.08%	0.212%
224	14.482	14.471	14.491	VV	25875	308747	2.96%	0.124%
225	14.512	14.491	14.540	VV	27535	756709	7.25%	0.303%
226	14.557	14.540	14.585	VV	26003	676727	6.48%	0.271%
227	14.605	14.585	14.641	VV	26295	798791	7.65%	0.320%
228	14.664	14.641	14.685	VV	26017	610322	5.85%	0.245%
229	14.693	14.685	14.715	VV	22047	381902	3.66%	0.153%
230	14.722	14.715	14.738	VV	21608	290228	2.78%	0.116%
231	14.772	14.738	14.813	VV	20788	886215	8.49%	0.355%
232	14.833	14.813	14.895	VV	18989	867939	8.31%	0.348%
233	14.914	14.895	14.936	VV	18955	452849	4.34%	0.181%
234	14.947	14.936	14.985	VV	18048	474593	4.55%	0.190%
235	14.989	14.985	15.026	VV	15775	381056	3.65%	0.153%
236	15.043	15.026	15.079	VV	15340	472690	4.53%	0.189%
237	15.088	15.079	15.110	VV	14740	263677	2.53%	0.106%
238	15.144	15.110	15.165	VV	17824	519672	4.98%	0.208%
239	15.184	15.165	15.237	VV	18995	723283	6.93%	0.290%
240	15.247	15.237	15.273	VV	14253	279298	2.68%	0.112%
241	15.282	15.273	15.289	VV	11973	119102	1.14%	0.048%
242	15.298	15.289	15.316	VV	11912	183606	1.76%	0.074%
243	15.327	15.316	15.352	VV	12183	256030	2.45%	0.103%
244	15.380	15.352	15.424	VV	11158	462429	4.43%	0.185%
245	15.449	15.424	15.495	VV	12089	447477	4.29%	0.179%
246	15.512	15.495	15.556	VV	10998	375785	3.60%	0.151%

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247	15.597	15.556	15.705	VV	22163	1174651	11.25%	0.471%
248	15.744	15.705	15.771	VV	27990	652295	6.25%	0.261%
249	15.796	15.771	15.834	VV	16216	456388	4.37%	0.183%
250	15.854	15.834	15.879	VV	11682	270673	2.59%	0.108%
251	15.912	15.879	15.931	VV	8784	264423	2.53%	0.106%
252	15.949	15.931	15.963	VV	9888	180584	1.73%	0.072%
253	15.981	15.963	16.007	VV	9699	231873	2.22%	0.093%
254	16.044	16.007	16.072	VV	9834	348683	3.34%	0.140%
255	16.105	16.072	16.126	VV	9580	294316	2.82%	0.118%
256	16.141	16.126	16.191	VV	9466	344807	3.30%	0.138%
257	16.234	16.191	16.277	VV	11352	503000	4.82%	0.202%
258	16.300	16.277	16.341	VV	9470	348024	3.33%	0.139%
259	16.360	16.341	16.390	VV	9783	271847	2.60%	0.109%
260	16.431	16.390	16.455	VV	12610	421397	4.04%	0.169%
261	16.476	16.455	16.494	VV	10662	241004	2.31%	0.097%
262	16.530	16.494	16.545	VV	12257	348892	3.34%	0.140%
263	16.621	16.545	16.647	VV	12478	716031	6.86%	0.287%
264	16.710	16.647	16.756	VV	21392	974784	9.34%	0.391%
265	16.792	16.756	16.813	VV	14860	453789	4.35%	0.182%
266	16.838	16.813	16.849	VV	15373	312049	2.99%	0.125%
267	16.857	16.849	16.918	VV	14378	582716	5.58%	0.233%
268	16.941	16.918	16.960	VV	14659	347521	3.33%	0.139%
269	16.981	16.960	16.990	VV	14646	252774	2.42%	0.101%
270	17.032	16.990	17.072	VV	21643	826322	7.91%	0.331%
271	17.093	17.072	17.125	VV	19048	528001	5.06%	0.212%
272	17.200	17.125	17.216	VV	23496	1082551	10.37%	0.434%
273	17.226	17.216	17.251	VV	22205	413890	3.96%	0.166%
274	17.270	17.251	17.288	VV	16720	363864	3.48%	0.146%
275	17.299	17.288	17.321	VV	17143	333593	3.20%	0.134%
276	17.363	17.321	17.380	VV	19274	616964	5.91%	0.247%
277	17.420	17.380	17.452	VV	21910	848223	8.12%	0.340%
278	17.501	17.452	17.533	VV	20566	915925	8.77%	0.367%
279	17.595	17.533	17.611	VV	21593	936550	8.97%	0.375%
280	17.634	17.611	17.661	VV	23939	648937	6.22%	0.260%
281	17.670	17.661	17.690	VV	20268	340699	3.26%	0.136%
282	17.710	17.690	17.722	VV	19755	368141	3.53%	0.147%
283	17.748	17.722	17.780	VV	23020	714795	6.85%	0.286%
284	17.802	17.780	17.819	VV	20718	460090	4.41%	0.184%
285	17.832	17.819	17.891	VV	18615	776427	7.44%	0.311%
286	17.919	17.891	17.944	VV	19908	604332	5.79%	0.242%
287	17.973	17.944	17.999	VV	23115	681921	6.53%	0.273%
288	18.070	17.999	18.098	VV	28895	1356381	12.99%	0.543%
289	18.117	18.098	18.133	VV	21270	424545	4.07%	0.170%
290	18.146	18.133	18.152	VV	19595	214300	2.05%	0.086%
291	18.159	18.152	18.167	VV	19661	175641	1.68%	0.070%
292	18.215	18.167	18.232	VV	29685	925487	8.86%	0.371%
293	18.247	18.232	18.286	VV	26474	780161	7.47%	0.313%
294	18.303	18.286	18.338	VV	22358	648990	6.22%	0.260%
295	18.394	18.338	18.410	VV	25314	935692	8.96%	0.375%
296	18.451	18.410	18.473	VV	27127	967435	9.27%	0.388%
297	18.493	18.473	18.536	VV	29217	956446	9.16%	0.383%
298	18.583	18.536	18.685	VV	30468	2084836	19.97%	0.835%
299	18.694	18.685	18.704	VV	20831	236984	2.27%	0.095%

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300	18.730	18.704	18.853	VV	23556	1818896	17.42%	0.729%
301	18.903	18.853	18.939	VV	28349	1134210	10.86%	0.454%
302	18.956	18.939	18.972	VV	19700	385953	3.70%	0.155%
303	19.007	18.972	19.025	VV	26216	705539	6.76%	0.283%
304	19.055	19.025	19.125	VV	25643	1337833	12.81%	0.536%
305	19.152	19.125	19.168	VV	20579	528040	5.06%	0.212%
306	19.183	19.168	19.193	VV	20609	302154	2.89%	0.121%
307	19.221	19.193	19.243	VV	24282	658757	6.31%	0.264%
308	19.306	19.243	19.325	VV	29052	1215224	11.64%	0.487%
309	19.338	19.325	19.385	VV	26006	819118	7.85%	0.328%
310	19.407	19.385	19.452	VV	23443	890387	8.53%	0.357%
311	19.470	19.452	19.545	VV	21722	1166479	11.17%	0.467%
312	19.561	19.545	19.588	VV	20853	526303	5.04%	0.211%
313	19.604	19.588	19.631	VV	20460	519443	4.98%	0.208%
314	19.694	19.631	19.765	VV	27213	1769793	16.95%	0.709%
315	19.814	19.765	19.852	VV	23058	1124168	10.77%	0.450%
316	19.869	19.852	19.898	VV	20932	568211	5.44%	0.228%
317	19.922	19.898	19.937	VV	21345	497158	4.76%	0.199%
318	19.949	19.937	20.008	VV	21557	897967	8.60%	0.360%
319	20.068	20.008	20.091	VV	27500	1179152	11.29%	0.472%
320	20.110	20.091	20.168	VV	24154	1010268	9.68%	0.405%
321	20.225	20.168	20.269	VV	26585	1409838	13.50%	0.565%
322	20.298	20.269	20.308	VV	22480	512102	4.90%	0.205%
323	20.342	20.308	20.400	VV	22843	1227375	11.76%	0.492%
324	20.436	20.400	20.481	VV	27852	1160466	11.11%	0.465%
325	20.501	20.481	20.536	VV	23796	749911	7.18%	0.300%
326	20.592	20.536	20.619	VV	24141	1129902	10.82%	0.453%
327	20.639	20.619	20.651	VV	22888	435441	4.17%	0.174%
328	20.654	20.651	20.693	VV	22907	558424	5.35%	0.224%
329	20.711	20.693	20.748	VV	22532	736434	7.05%	0.295%
330	20.794	20.748	20.877	VV	25909	1737012	16.64%	0.696%
331	20.913	20.877	20.968	VV	21143	1123608	10.76%	0.450%
332	20.980	20.968	21.071	VV	19740	1162988	11.14%	0.466%
333	21.084	21.071	21.140	VV	18220	730926	7.00%	0.293%
334	21.175	21.140	21.312	VV	21102	1691756	16.20%	0.678%
335	21.326	21.312	21.398	VV	14168	704545	6.75%	0.282%
336	21.409	21.398	21.468	VV	13262	532815	5.10%	0.213%
337	21.490	21.468	21.562	VV	12165	653982	6.26%	0.262%
338	21.604	21.562	21.768	VV	13420	1267897	12.14%	0.508%
339	21.783	21.768	21.811	VV	8494	214278	2.05%	0.086%
340	21.837	21.811	21.885	VV	8095	338487	3.24%	0.136%
341	21.893	21.885	21.978	VV	7303	364769	3.49%	0.146%
342	21.997	21.978	22.025	VV	5879	159663	1.53%	0.064%
343	22.031	22.025	22.048	VV	5440	75351	0.72%	0.030%
344	22.093	22.048	22.185	VV	7613	470851	4.51%	0.189%
345	22.207	22.185	22.318	VV	4182	275717	2.64%	0.110%
346	22.333	22.318	22.472	VV	2661	164371	1.57%	0.066%
347	22.504	22.472	22.541	VV	600	19939	0.19%	0.008%
348	22.546	22.541	22.558	VV	284	1845	0.02%	0.001%

Sum of corrected areas: 249596601

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040125AL\
Data File : FE053091.D
Signal(s) : FID1B.ch
Acq On : 01 Apr 2025 08:45
Operator : YP\AJ
Sample : Q1675-18DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
K1PDL

Integration File: autoint1.e
Quant Time: Apr 02 04:45:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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)	11.895	3064043	18.811 ug/ml
Spiked Amount 50.000		Recovery = 37.62%	
12) S 1-chlorooctadecane (S...	13.340	2066296	17.213 ug/ml
Spiked Amount 50.000		Recovery = 34.43%	
Target Compounds			

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

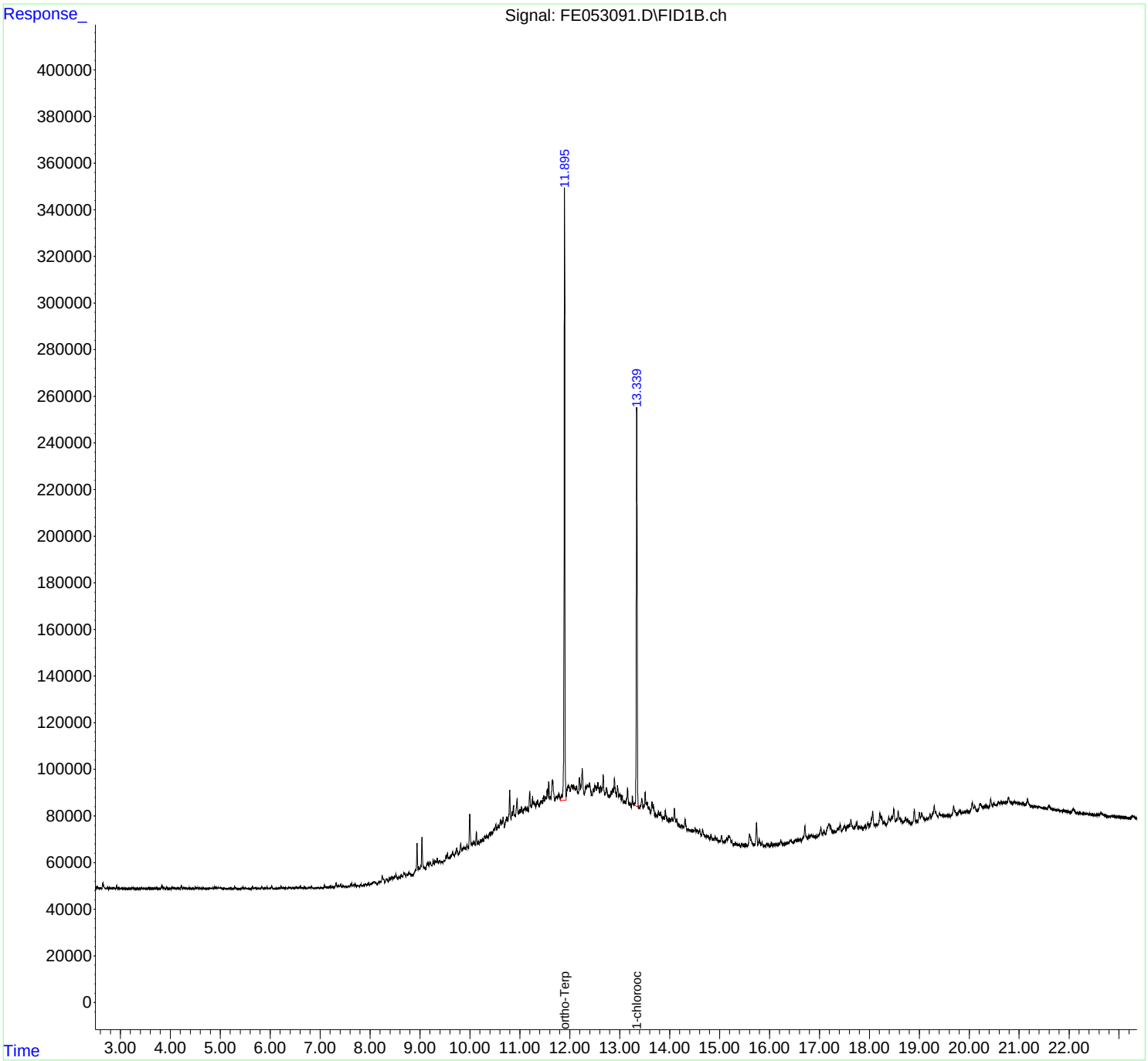
Sample Results: **FE053091.D**

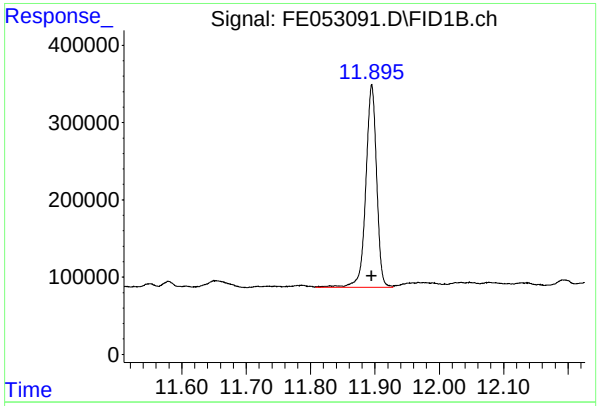
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040125AL\
Data File : FE053091.D
Signal(s) : FID1B.ch
Acq On : 01 Apr 2025 08:45
Operator : YP\AJ
Sample : Q1675-18DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
K1PDL

Integration File: autoint1.e
Quant Time: Apr 02 04:45:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

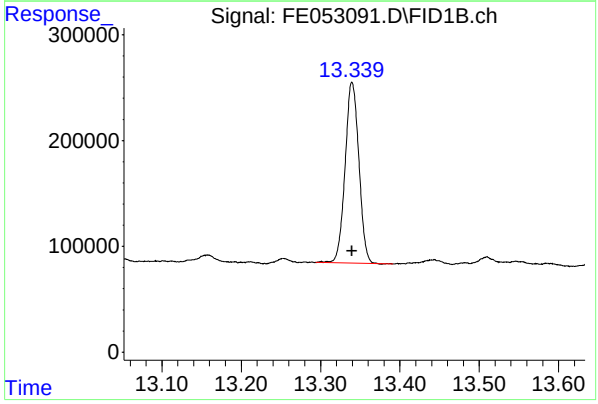




#9 ortho-Terphenyl (SURR)

R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 3064043
Conc: 18.81 ug/ml

Instrument :
FID_E
ClientSampleId :
K1PDL



#12 1-chlorooctadecane (SURR)

R.T.: 13.340 min
Delta R.T.: 0.000 min
Response: 2066296
Conc: 17.21 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040125AL\
Data File : FE053091.D
Signal(s) : FID1B.ch
Acq On : 01 Apr 2025 08:45
Sample : Q1675-18DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	2.860	2.804	2.904	BV	215	4693	0.09%	0.004%
2	2.925	2.904	2.954	VV	1202	12395	0.23%	0.010%
3	2.972	2.954	2.982	VV	144	1662	0.03%	0.001%
4	2.987	2.982	3.004	VV	117	726	0.01%	0.001%
5	3.015	3.004	3.029	VV	82	343	0.01%	0.000%
6	3.039	3.029	3.064	PV	27	-650	-0.01%	-0.001%
7	3.115	3.064	3.125	PV	-1	-2016	-0.04%	-0.002%
8	3.136	3.125	3.180	PV	-40	-2179	-0.04%	-0.002%
9	3.194	3.180	3.209	PV	3	-1297	-0.02%	-0.001%
10	3.235	3.209	3.267	PV	227	745	0.01%	0.001%
11	3.278	3.267	3.330	PV	-73	-3945	-0.07%	-0.003%
12	3.353	3.330	3.364	PV	1	-1714	-0.03%	-0.001%
13	3.378	3.364	3.391	PV	-28	-1212	-0.02%	-0.001%
14	3.426	3.391	3.501	PV	215	480	0.01%	0.000%
15	3.523	3.501	3.531	PV	-37	-1105	-0.02%	-0.001%
16	3.553	3.531	3.594	PV	78	-222	-0.00%	-0.000%
17	3.603	3.594	3.648	PV	54	-961	-0.02%	-0.001%
18	3.654	3.648	3.664	PV	-80	-858	-0.02%	-0.001%
19	3.688	3.664	3.705	PV	221	1676	0.03%	0.001%
20	3.723	3.705	3.754	VV	380	2741	0.05%	0.002%
21	3.774	3.754	3.792	PV	27	-954	-0.02%	-0.001%
22	3.826	3.792	3.900	PV	1101	19337	0.36%	0.016%
23	3.923	3.900	3.985	PV	718	5517	0.10%	0.005%
24	3.998	3.985	4.012	PV	19	-646	-0.01%	-0.001%
25	4.058	4.012	4.117	PV	458	11850	0.22%	0.010%
26	4.140	4.117	4.195	VV	180	1702	0.03%	0.001%
27	4.220	4.195	4.248	PV	1159	12804	0.24%	0.011%
28	4.270	4.248	4.287	VV	348	4133	0.08%	0.003%
29	4.301	4.287	4.349	VV	126	1408	0.03%	0.001%
30	4.365	4.349	4.378	PV	19	-367	-0.01%	-0.000%
31	4.383	4.378	4.421	PV	56	-835	-0.02%	-0.001%
32	4.438	4.421	4.472	PV	18	-1191	-0.02%	-0.001%
33	4.500	4.472	4.521	PV	378	3011	0.06%	0.002%
34	4.536	4.521	4.555	PV	377	2958	0.06%	0.002%
35	4.574	4.555	4.600	PV	170	1231	0.02%	0.001%
36	4.621	4.600	4.637	PV	202	765	0.01%	0.001%

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37	4.655	4.637	4.701	PV	242	2290	0.04%	0.002%
38	4.730	4.701	4.762	PV	22	-1555	-0.03%	-0.001%
39	4.785	4.762	4.798	PV	48	236	0.00%	0.000%
40	4.810	4.798	4.821	VV	104	956	0.02%	0.001%
41	4.854	4.821	4.872	VV	182	3300	0.06%	0.003%
42	4.888	4.872	4.902	PV	309	4025	0.07%	0.003%
43	4.919	4.902	4.947	VV	623	7671	0.14%	0.006%
44	4.963	4.947	4.984	VV	445	5166	0.10%	0.004%
45	5.006	4.984	5.071	VV	469	3421	0.06%	0.003%
46	5.082	5.071	5.130	PV	90	-3002	-0.06%	-0.002%
47	5.207	5.130	5.238	PV	180	-1337	-0.02%	-0.001%
48	5.258	5.238	5.272	PV	102	-141	-0.00%	-0.000%
49	5.289	5.272	5.318	PV	439	3812	0.07%	0.003%
50	5.326	5.318	5.382	PV	20	-4025	-0.07%	-0.003%
51	5.419	5.382	5.428	PV	-66	-3746	-0.07%	-0.003%
52	5.452	5.428	5.481	PV	425	4559	0.08%	0.004%
53	5.500	5.481	5.514	VH	139	1953	0.04%	0.002%
54	5.519	5.514	5.532	HH	83	72	0.00%	0.000%
55	5.538	5.532	5.624	PH	-24	-7228	-0.13%	-0.006%
56	5.645	5.624	5.682	PH	752	9726	0.18%	0.008%
57	5.699	5.682	5.741	PH	273	2648	0.05%	0.002%
58	5.761	5.741	5.807	PH	91	-563	-0.01%	-0.000%
59	5.831	5.807	5.859	PH	532	7904	0.15%	0.006%
60	5.871	5.859	5.897	HH	123	880	0.02%	0.001%
61	5.906	5.897	5.921	PH	104	542	0.01%	0.000%
62	5.936	5.921	5.977	HH	655	8851	0.16%	0.007%
63	5.992	5.977	6.008	PH	213	1620	0.03%	0.001%
64	6.032	6.008	6.064	PH	864	9436	0.18%	0.008%
65	6.082	6.064	6.105	PH	158	1270	0.02%	0.001%
66	6.124	6.105	6.144	PH	152	1260	0.02%	0.001%
67	6.178	6.144	6.198	PH	179	2586	0.05%	0.002%
68	6.219	6.198	6.244	HH	768	11767	0.22%	0.010%
69	6.254	6.244	6.298	HH	311	4865	0.09%	0.004%
70	6.320	6.298	6.338	PH	311	3070	0.06%	0.003%
71	6.365	6.338	6.379	HH	368	5647	0.11%	0.005%
72	6.396	6.379	6.431	HH	497	8366	0.16%	0.007%
73	6.449	6.431	6.481	PH	216	3748	0.07%	0.003%
74	6.495	6.481	6.504	HH	209	1943	0.04%	0.002%
75	6.524	6.504	6.559	HH	607	12600	0.23%	0.010%
76	6.570	6.559	6.581	HH	339	4392	0.08%	0.004%
77	6.604	6.581	6.658	HH	806	15603	0.29%	0.013%
78	6.682	6.658	6.738	HH	886	13939	0.26%	0.011%
79	6.768	6.738	6.781	HH	482	7506	0.14%	0.006%
80	6.800	6.781	6.812	HH	474	6897	0.13%	0.006%
81	6.830	6.812	6.858	HH	746	11473	0.21%	0.009%
82	6.878	6.858	6.897	HH	263	4229	0.08%	0.003%
83	6.909	6.897	6.913	HH	85	589	0.01%	0.000%
84	6.933	6.913	6.951	HH	209	3192	0.06%	0.003%
85	6.965	6.951	6.983	HH	328	3905	0.07%	0.003%
86	7.011	6.983	7.025	HH	331	6386	0.12%	0.005%
87	7.043	7.025	7.064	HH	372	7353	0.14%	0.006%
88	7.087	7.064	7.134	HH	1384	27171	0.51%	0.022%
89	7.144	7.134	7.163	HH	528	8083	0.15%	0.007%

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90	7.185	7.163	7.198	HH	687	11105	0.21%	0.009%
91	7.214	7.198	7.235	HH	1031	15295	0.28%	0.013%
92	7.254	7.235	7.280	HH	788	15878	0.30%	0.013%
93	7.321	7.280	7.351	HH	2444	49747	0.93%	0.041%
94	7.371	7.351	7.386	HH	1093	20785	0.39%	0.017%
95	7.408	7.386	7.438	HH	1527	35880	0.67%	0.029%
96	7.457	7.438	7.484	HH	1271	25413	0.47%	0.021%
97	7.503	7.484	7.528	HH	981	20842	0.39%	0.017%
98	7.535	7.528	7.548	HH	781	8836	0.16%	0.007%
99	7.607	7.548	7.617	HH	1610	42887	0.80%	0.035%
100	7.632	7.617	7.651	HH	2113	32757	0.61%	0.027%
101	7.670	7.651	7.684	HH	1603	27074	0.50%	0.022%
102	7.696	7.684	7.734	HH	1752	40744	0.76%	0.033%
103	7.748	7.734	7.786	HH	1355	35554	0.66%	0.029%
104	7.821	7.786	7.848	HH	1720	49782	0.93%	0.041%
105	7.879	7.848	7.886	HH	1439	31275	0.58%	0.026%
106	7.917	7.886	7.933	HH	1903	44285	0.82%	0.036%
107	7.974	7.933	7.994	HH	2290	67649	1.26%	0.055%
108	8.011	7.994	8.031	HH	2191	42080	0.78%	0.035%
109	8.085	8.031	8.138	HH	2828	158323	2.94%	0.130%
110	8.206	8.138	8.220	HH	3167	129482	2.41%	0.106%
111	8.245	8.220	8.296	HH	5549	177429	3.30%	0.146%
112	8.334	8.296	8.367	HH	4145	147903	2.75%	0.121%
113	8.390	8.367	8.404	HH	4452	87442	1.63%	0.072%
114	8.434	8.404	8.453	HH	4942	132742	2.47%	0.109%
115	8.518	8.453	8.558	HH	6219	306719	5.70%	0.252%
116	8.581	8.558	8.599	HH	4962	114289	2.13%	0.094%
117	8.621	8.599	8.654	HH	5789	172500	3.21%	0.142%
118	8.677	8.654	8.721	HH	6597	235712	4.38%	0.193%
119	8.739	8.721	8.761	HH	6158	139347	2.59%	0.114%
120	8.778	8.761	8.792	HH	7009	120947	2.25%	0.099%
121	8.803	8.792	8.836	HH	6598	156270	2.91%	0.128%
122	8.849	8.836	8.861	HH	5766	84941	1.58%	0.070%
123	8.910	8.861	8.920	HH	8122	247725	4.61%	0.203%
124	8.943	8.920	8.963	HH	19321	321617	5.98%	0.264%
125	8.976	8.963	8.994	HH	9307	160432	2.98%	0.132%
126	9.041	8.994	9.074	HH	22127	576755	10.73%	0.473%
127	9.085	9.074	9.106	HH	9135	170170	3.17%	0.140%
128	9.160	9.106	9.180	HH	11011	442354	8.23%	0.363%
129	9.199	9.180	9.243	HH	11302	390583	7.26%	0.320%
130	9.265	9.243	9.284	HH	12499	276772	5.15%	0.227%
131	9.301	9.284	9.314	HH	12083	205977	3.83%	0.169%
132	9.347	9.314	9.369	HH	13124	389862	7.25%	0.320%
133	9.395	9.369	9.418	HH	11881	339350	6.31%	0.278%
134	9.435	9.418	9.461	HH	11712	291359	5.42%	0.239%
135	9.479	9.461	9.494	HV	11895	233476	4.34%	0.192%
136	9.521	9.494	9.535	VV	14203	314036	5.84%	0.258%
137	9.551	9.535	9.568	VV	14938	269529	5.01%	0.221%
138	9.581	9.568	9.594	VV	13044	206013	3.83%	0.169%
139	9.654	9.594	9.694	VV	15348	832641	15.49%	0.683%
140	9.735	9.694	9.768	VV	16581	661337	12.30%	0.543%
141	9.817	9.768	9.835	VV	18593	631320	11.74%	0.518%

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142	9.849	9.835	9.860	VV	16451	232534	4.32%	0.191%
143	9.880	9.860	9.901	VV	16726	400487	7.45%	0.329%
144	9.942	9.901	9.967	VV	17604	646925	12.03%	0.531%
145	9.998	9.967	10.044	VV	30558	964998	17.95%	0.792%
146	10.069	10.044	10.082	VV	18763	407958	7.59%	0.335%
147	10.094	10.082	10.108	VV	18244	275512	5.12%	0.226%
148	10.130	10.108	10.158	VV	22450	570637	10.61%	0.468%
149	10.171	10.158	10.184	VV	18277	287630	5.35%	0.236%
150	10.210	10.184	10.224	VV	18717	436854	8.13%	0.358%
151	10.242	10.224	10.272	VV	19036	536039	9.97%	0.440%
152	10.295	10.272	10.311	VV	20448	457461	8.51%	0.375%
153	10.328	10.311	10.352	VV	20506	491689	9.15%	0.403%
154	10.396	10.352	10.411	VV	21509	727671	13.53%	0.597%
155	10.430	10.411	10.445	VV	21990	435346	8.10%	0.357%
156	10.520	10.445	10.538	VV	24948	1278784	23.78%	1.049%
157	10.562	10.538	10.583	VV	23942	631108	11.74%	0.518%
158	10.610	10.583	10.626	VV	26366	647048	12.03%	0.531%
159	10.666	10.626	10.694	VV	27632	1050724	19.54%	0.862%
160	10.741	10.694	10.757	VV	27469	971763	18.07%	0.797%
161	10.799	10.757	10.824	VV	38934	1222875	22.74%	1.003%
162	10.847	10.824	10.857	VV	29574	555988	10.34%	0.456%
163	10.873	10.857	10.910	VV	32037	921929	17.15%	0.756%
164	10.945	10.910	10.969	VV	34778	1088665	20.25%	0.893%
165	11.001	10.969	11.016	VV	29884	828826	15.42%	0.680%
166	11.037	11.016	11.064	VV	30956	863503	16.06%	0.708%
167	11.113	11.064	11.133	VV	31159	1231537	22.91%	1.010%
168	11.147	11.133	11.170	VV	30610	660437	12.28%	0.542%
169	11.199	11.170	11.231	VV	37230	1197595	22.27%	0.982%
170	11.254	11.231	11.318	VV	34915	1677012	31.19%	1.376%
171	11.353	11.318	11.394	VV	33180	1453081	27.03%	1.192%
172	11.423	11.394	11.448	VV	32885	1025629	19.08%	0.841%
173	11.476	11.448	11.498	VV	34712	994253	18.49%	0.816%
174	11.550	11.498	11.563	VV	37600	1361948	25.33%	1.117%
175	11.579	11.563	11.618	VV	40520	1169043	21.74%	0.959%
176	11.653	11.618	11.700	VV	41109	1812925	33.72%	1.487%
177	11.746	11.700	11.758	VV	33879	1151395	21.42%	0.945%
178	11.786	11.758	11.808	VV	35009	1015050	18.88%	0.833%
179	11.895	11.808	11.928	VV	292635	5376570	100.00%	4.411%
180	11.969	11.928	12.011	VV	38185	1827437	33.99%	1.499%
181	12.033	12.011	12.063	VV	38115	1169243	21.75%	0.959%
182	12.078	12.063	12.114	VV	38020	1121962	20.87%	0.920%
183	12.129	12.114	12.164	VV	37250	1089030	20.26%	0.893%
184	12.194	12.164	12.212	VV	40772	1073574	19.97%	0.881%
185	12.251	12.212	12.292	VV	44573	1830166	34.04%	1.501%
186	12.318	12.292	12.331	VV	36835	837338	15.57%	0.687%
187	12.354	12.331	12.371	VV	37263	866446	16.12%	0.711%
188	12.394	12.371	12.451	VV	38288	1705111	31.71%	1.399%
189	12.475	12.451	12.487	VV	35358	736435	13.70%	0.604%
190	12.506	12.487	12.531	VV	36794	961535	17.88%	0.789%
191	12.559	12.531	12.596	VV	38001	1383180	25.73%	1.135%
192	12.616	12.596	12.630	VV	36042	717432	13.34%	0.589%
193	12.670	12.630	12.701	VV	40553	1527302	28.41%	1.253%
194	12.734	12.701	12.768	VV	35337	1334714	24.82%	1.095%

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195	12.832	12.768	12.841	VV	33537	1405864	26.15%	1.153%
196	12.859	12.841	12.874	VV	34466	671510	12.49%	0.551%
197	12.893	12.874	12.934	VV	38660	1241770	23.10%	1.019%
198	12.955	12.934	12.991	VV	35681	1113928	20.72%	0.914%
199	13.005	12.991	13.032	VV	31593	756393	14.07%	0.620%
200	13.047	13.032	13.068	VV	31005	644692	11.99%	0.529%
201	13.102	13.068	13.121	VV	28657	906926	16.87%	0.744%
202	13.157	13.121	13.204	VV	34020	1467972	27.30%	1.204%
203	13.210	13.204	13.229	VV	27404	402771	7.49%	0.330%
204	13.253	13.229	13.294	VV	30465	1074230	19.98%	0.881%
205	13.340	13.294	13.391	VV	195661	3570318	66.41%	2.929%
206	13.442	13.391	13.467	VV	28683	1193095	22.19%	0.979%
207	13.509	13.467	13.538	VV	31216	1153431	21.45%	0.946%
208	13.547	13.538	13.577	VV	27129	610961	11.36%	0.501%
209	13.587	13.577	13.621	VV	24938	624152	11.61%	0.512%
210	13.645	13.621	13.662	VV	27151	614255	11.42%	0.504%
211	13.673	13.662	13.711	VV	25723	678924	12.63%	0.557%
212	13.720	13.711	13.752	VV	21777	517636	9.63%	0.425%
213	13.775	13.752	13.798	VV	22594	588494	10.95%	0.483%
214	13.815	13.798	13.854	VV	22056	701608	13.05%	0.576%
215	13.871	13.854	13.890	VV	19932	426158	7.93%	0.350%
216	13.913	13.890	13.972	VV	22655	975206	18.14%	0.800%
217	13.993	13.972	14.028	VV	19126	616392	11.46%	0.506%
218	14.045	14.028	14.068	VV	19237	440928	8.20%	0.362%
219	14.094	14.068	14.222	VV	23130	1624920	30.22%	1.333%
220	14.241	14.222	14.284	VV	15655	564983	10.51%	0.463%
221	14.309	14.284	14.351	VV	17899	611212	11.37%	0.501%
222	14.362	14.351	14.401	VV	13504	396261	7.37%	0.325%
223	14.417	14.401	14.436	VV	13208	268430	4.99%	0.220%
224	14.454	14.436	14.475	VV	13098	293923	5.47%	0.241%
225	14.509	14.475	14.540	VV	13721	499181	9.28%	0.409%
226	14.554	14.540	14.578	VV	12590	273953	5.10%	0.225%
227	14.600	14.578	14.637	VV	12710	407546	7.58%	0.334%
228	14.660	14.637	14.764	VV	12719	794278	14.77%	0.652%
229	14.774	14.764	14.805	VV	9861	220972	4.11%	0.181%
230	14.827	14.805	14.851	VV	10113	247552	4.60%	0.203%
231	14.864	14.851	14.884	VV	8159	156545	2.91%	0.128%
232	14.911	14.884	14.928	VV	8756	214692	3.99%	0.176%
233	14.946	14.928	14.972	VV	8243	203912	3.79%	0.167%
234	14.983	14.972	14.987	VV	7027	62926	1.17%	0.052%
235	14.995	14.987	15.017	VV	7303	124605	2.32%	0.102%
236	15.040	15.017	15.071	VV	9323	245457	4.57%	0.201%
237	15.093	15.071	15.108	VV	6455	141129	2.62%	0.116%
238	15.144	15.108	15.157	VV	7852	207459	3.86%	0.170%
239	15.180	15.157	15.192	VV	8912	169572	3.15%	0.139%
240	15.200	15.192	15.231	VV	8456	172871	3.22%	0.142%
241	15.246	15.231	15.286	VV	6324	180970	3.37%	0.148%
242	15.309	15.286	15.318	VV	5043	92575	1.72%	0.076%
243	15.325	15.318	15.374	VV	5025	157414	2.93%	0.129%
244	15.388	15.374	15.423	VV	4733	122270	2.27%	0.100%
245	15.447	15.423	15.475	VV	4763	129059	2.40%	0.106%
246	15.489	15.475	15.551	VV	4081	172704	3.21%	0.142%

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247	15.599	15.551	15.703	VV	8462	468707	8.72%	0.384%
248	15.738	15.703	15.771	VV	12722	281381	5.23%	0.231%
249	15.791	15.771	15.828	VV	6103	151576	2.82%	0.124%
250	15.849	15.828	15.878	VV	4078	102166	1.90%	0.084%
251	15.902	15.878	15.925	VV	2811	73357	1.36%	0.060%
252	15.946	15.925	15.968	VV	3528	79453	1.48%	0.065%
253	15.982	15.968	16.005	VV	3080	63423	1.18%	0.052%
254	16.046	16.005	16.070	VV	3256	107087	1.99%	0.088%
255	16.110	16.070	16.150	VV	3028	128770	2.40%	0.106%
256	16.224	16.150	16.268	VV	4571	212846	3.96%	0.175%
257	16.281	16.268	16.298	VV	2772	46757	0.87%	0.038%
258	16.311	16.298	16.322	VV	2743	37040	0.69%	0.030%
259	16.370	16.322	16.384	VV	2926	99386	1.85%	0.082%
260	16.430	16.384	16.481	VV	3818	184753	3.44%	0.152%
261	16.521	16.481	16.540	VV	3838	119463	2.22%	0.098%
262	16.582	16.540	16.601	VV	3763	128842	2.40%	0.106%
263	16.615	16.601	16.637	VV	3938	77485	1.44%	0.064%
264	16.672	16.637	16.679	VV	4405	98653	1.83%	0.081%
265	16.707	16.679	16.768	VV	9208	292473	5.44%	0.240%
266	16.792	16.768	16.808	VV	4874	106830	1.99%	0.088%
267	16.838	16.808	16.863	VV	5340	156553	2.91%	0.128%
268	16.876	16.863	16.899	VV	4605	92508	1.72%	0.076%
269	16.907	16.899	16.918	VV	4437	49829	0.93%	0.041%
270	16.937	16.918	16.954	VV	4199	87216	1.62%	0.072%
271	16.976	16.954	16.985	VV	4795	83145	1.55%	0.068%
272	17.028	16.985	17.065	VV	7946	276026	5.13%	0.226%
273	17.089	17.065	17.127	VV	6593	199434	3.71%	0.164%
274	17.193	17.127	17.211	VV	8873	373600	6.95%	0.306%
275	17.222	17.211	17.249	VV	8068	159866	2.97%	0.131%
276	17.264	17.249	17.281	VV	5650	103663	1.93%	0.085%
277	17.307	17.281	17.331	VV	5632	159983	2.98%	0.131%
278	17.361	17.331	17.377	VV	6652	164868	3.07%	0.135%
279	17.416	17.377	17.442	VV	8316	265029	4.93%	0.217%
280	17.498	17.442	17.528	VV	7426	321667	5.98%	0.264%
281	17.567	17.528	17.578	VV	7610	197064	3.67%	0.162%
282	17.594	17.578	17.605	VV	7653	120561	2.24%	0.099%
283	17.629	17.605	17.683	VV	9794	343898	6.40%	0.282%
284	17.699	17.683	17.707	VV	6538	89180	1.66%	0.073%
285	17.739	17.707	17.776	VV	7993	286657	5.33%	0.235%
286	17.797	17.776	17.814	VV	6602	138173	2.57%	0.113%
287	17.828	17.814	17.844	VV	6054	103053	1.92%	0.085%
288	17.857	17.844	17.874	VV	5579	99687	1.85%	0.082%
289	17.916	17.874	17.934	VV	6310	211924	3.94%	0.174%
290	17.967	17.934	17.994	VV	7613	235353	4.38%	0.193%
291	18.065	17.994	18.095	VV	12328	494539	9.20%	0.406%
292	18.108	18.095	18.126	VV	6823	120024	2.23%	0.098%
293	18.209	18.126	18.229	VV	11242	468934	8.72%	0.385%
294	18.238	18.229	18.278	VV	9313	246458	4.58%	0.202%
295	18.296	18.278	18.326	VV	7380	192258	3.58%	0.158%
296	18.386	18.326	18.424	VV	9153	426205	7.93%	0.350%
297	18.446	18.424	18.461	VV	8870	183717	3.42%	0.151%
298	18.489	18.461	18.530	VV	12192	380623	7.08%	0.312%
299	18.576	18.530	18.598	VV	11238	350199	6.51%	0.287%

rteres

300	18.610	18.598	18.638	VV	8206	177326	3.30%	0.145%
301	18.643	18.638	18.678	VV	7045	156975	2.92%	0.129%
302	18.726	18.678	18.754	VV	7531	310095	5.77%	0.254%
303	18.761	18.754	18.848	VV	6807	329669	6.13%	0.270%
304	18.900	18.848	18.935	VV	11115	378950	7.05%	0.311%
305	18.953	18.935	18.966	VV	6112	106834	1.99%	0.088%
306	19.002	18.966	19.021	VV	9615	249541	4.64%	0.205%
307	19.047	19.021	19.114	VV	9134	415704	7.73%	0.341%
308	19.126	19.114	19.131	VV	6206	59494	1.11%	0.049%
309	19.215	19.131	19.238	VV	8381	437838	8.14%	0.359%
310	19.298	19.238	19.319	VV	11654	437739	8.14%	0.359%
311	19.333	19.319	19.370	VV	9200	245774	4.57%	0.202%
312	19.401	19.370	19.432	VV	8273	275892	5.13%	0.226%
313	19.443	19.432	19.461	VV	7350	126275	2.35%	0.104%
314	19.474	19.461	19.489	VV	7452	122317	2.28%	0.100%
315	19.497	19.489	19.514	VV	7186	101921	1.90%	0.084%
316	19.526	19.514	19.541	VV	6955	108485	2.02%	0.089%
317	19.560	19.541	19.591	VV	6876	201727	3.75%	0.165%
318	19.608	19.591	19.627	VV	7017	144273	2.68%	0.118%
319	19.687	19.627	19.744	VV	10628	564360	10.50%	0.463%
320	19.805	19.744	19.842	VV	8625	445655	8.29%	0.366%
321	19.864	19.842	19.880	VV	7481	165898	3.09%	0.136%
322	19.910	19.880	19.924	VV	7710	200727	3.73%	0.165%
323	19.935	19.924	19.945	VV	7706	92675	1.72%	0.076%
324	19.968	19.945	20.004	VV	7774	271741	5.05%	0.223%
325	20.063	20.004	20.087	VV	11301	448223	8.34%	0.368%
326	20.106	20.087	20.160	VV	9340	366221	6.81%	0.300%
327	20.217	20.160	20.264	VV	10438	560416	10.42%	0.460%
328	20.331	20.264	20.348	VV	9400	444588	8.27%	0.365%
329	20.365	20.348	20.391	VV	8950	224464	4.17%	0.184%
330	20.428	20.391	20.464	VV	11833	430968	8.02%	0.354%
331	20.496	20.464	20.524	VV	9960	333562	6.20%	0.274%
332	20.588	20.524	20.614	VV	10338	507277	9.43%	0.416%
333	20.633	20.614	20.645	VV	9892	181700	3.38%	0.149%
334	20.650	20.645	20.664	VV	9779	109339	2.03%	0.090%
335	20.674	20.664	20.688	VV	9722	136288	2.53%	0.112%
336	20.701	20.688	20.721	VV	9714	190144	3.54%	0.156%
337	20.786	20.721	20.873	VV	11835	892580	16.60%	0.732%
338	20.911	20.873	20.974	VV	9434	557834	10.38%	0.458%
339	20.983	20.974	21.008	VV	8958	178297	3.32%	0.146%
340	21.032	21.008	21.051	VV	8548	216973	4.04%	0.178%
341	21.066	21.051	21.111	VV	8520	294476	5.48%	0.242%
342	21.121	21.111	21.131	VV	8009	95751	1.78%	0.079%
343	21.169	21.131	21.238	VV	9702	518865	9.65%	0.426%
344	21.253	21.238	21.283	VV	6868	178403	3.32%	0.146%
345	21.304	21.283	21.316	VV	6635	127967	2.38%	0.105%
346	21.323	21.316	21.359	VV	6555	168213	3.13%	0.138%
347	21.395	21.359	21.558	VV	6311	670688	12.47%	0.550%
348	21.595	21.558	21.698	VV	6179	420843	7.83%	0.345%
349	21.711	21.698	21.741	VV	4235	106792	1.99%	0.088%
350	21.759	21.741	21.874	VV	3942	287079	5.34%	0.236%
351	21.891	21.874	21.971	VV	3284	174041	3.24%	0.143%

rteres

352	21.980	21.971	21.999	VV	2763	43062	0.80%	0.035%
353	22.008	21.999	22.018	VV	2458	27508	0.51%	0.023%
354	22.084	22.018	22.208	VV	3518	262153	4.88%	0.215%
355	22.216	22.208	22.268	VV	1454	46842	0.87%	0.038%
356	22.279	22.268	22.331	VV	1180	37231	0.69%	0.031%
357	22.355	22.331	22.406	VV	878	33260	0.62%	0.027%
358	22.422	22.406	22.478	VV	607	14997	0.28%	0.012%

Sum of corrected areas: 121901153

Aliphatic EPH 032925.M Wed Apr 02 06:42:43 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053082.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 20:34
Operator : YP\AJ
Sample : Q1675-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
K1

Integration File: autoint1.e
Quant Time: Apr 01 01:43:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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)	11.899	5291056	32.484 ug/ml
Spiked Amount 50.000		Recovery =	64.97%
12) S 1-chlorooctadecane (S...	13.344	3936751	32.794 ug/ml
Spiked Amount 50.000		Recovery =	65.59%
Target Compounds			

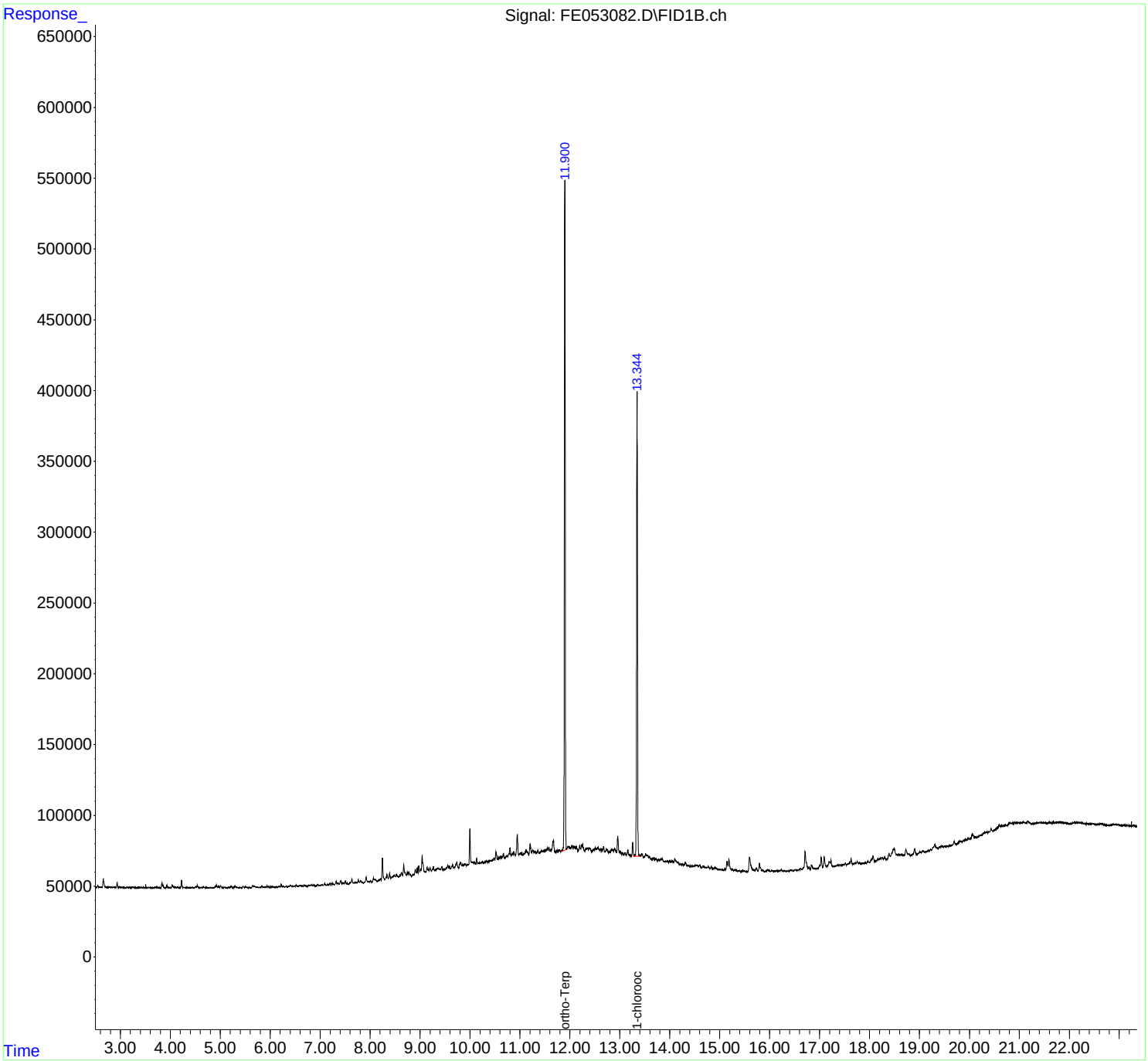
(f)=RT Delta > 1/2 Window (m)=manual int.

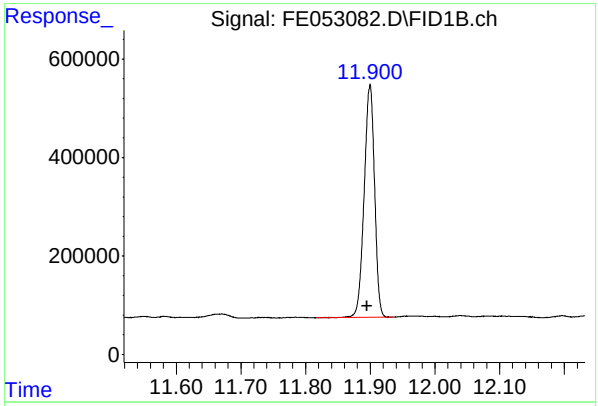
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053082.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 20:34
Operator : YP\AJ
Sample : Q1675-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
K1

Integration File: autoint1.e
Quant Time: Apr 01 01:43:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

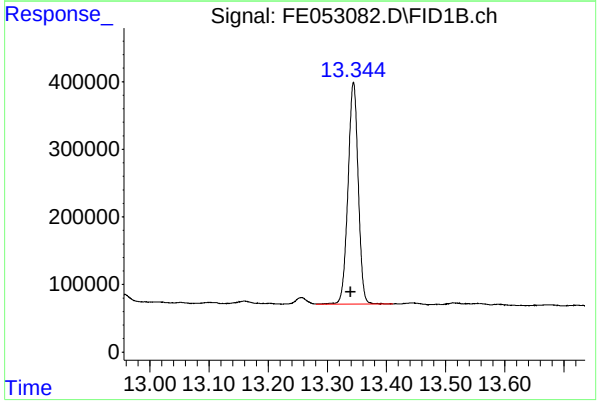




#9 ortho-Terphenyl (SURR)

R.T.: 11.899 min
Delta R.T.: 0.004 min
Response: 5291056
Conc: 32.48 ug/ml

Instrument :
FID_E
ClientSampleId :
K1



#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: 0.005 min
Response: 3936751
Conc: 32.79 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053082.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 20:34
Sample : Q1675-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	2.876	2.829	2.904	PV	415	7490	0.11%	0.009%
2	2.934	2.904	2.998	VV	3558	44609	0.67%	0.054%
3	3.024	2.998	3.037	VV	230	3929	0.06%	0.005%
4	3.048	3.037	3.088	VV	173	2609	0.04%	0.003%
5	3.092	3.088	3.100	VV	119	500	0.01%	0.001%
6	3.123	3.100	3.141	VV	221	3000	0.04%	0.004%
7	3.153	3.141	3.208	VV	172	2897	0.04%	0.004%
8	3.242	3.208	3.335	PV	678	12086	0.18%	0.015%
9	3.358	3.335	3.372	VV	235	2345	0.04%	0.003%
10	3.387	3.372	3.537	VV	241	10287	0.15%	0.012%
11	3.556	3.537	3.574	VV	273	3429	0.05%	0.004%
12	3.578	3.574	3.595	VV	187	1395	0.02%	0.002%
13	3.618	3.595	3.633	PV	121	1777	0.03%	0.002%
14	3.646	3.633	3.676	VV	138	1476	0.02%	0.002%
15	3.694	3.676	3.711	VV	397	4280	0.06%	0.005%
16	3.730	3.711	3.763	VV	625	8321	0.12%	0.010%
17	3.775	3.763	3.799	VV	147	1841	0.03%	0.002%
18	3.831	3.799	3.845	PV	3503	37801	0.56%	0.046%
19	3.853	3.845	3.908	VV	1770	21342	0.32%	0.026%
20	3.929	3.908	3.989	VV	2161	26670	0.40%	0.032%
21	4.038	3.989	4.131	VV	2227	48080	0.72%	0.058%
22	4.150	4.131	4.175	VV	400	6528	0.10%	0.008%
23	4.224	4.175	4.257	VV	5464	63251	0.94%	0.076%
24	4.271	4.257	4.355	VV	437	12532	0.19%	0.015%
25	4.394	4.355	4.424	VV	161	3598	0.05%	0.004%
26	4.444	4.424	4.484	VV	205	4608	0.07%	0.006%
27	4.503	4.484	4.520	VV	932	9807	0.15%	0.012%
28	4.541	4.520	4.563	VV	2023	21778	0.33%	0.026%
29	4.576	4.563	4.601	VV	485	6098	0.09%	0.007%
30	4.620	4.601	4.641	VV	227	4172	0.06%	0.005%
31	4.658	4.641	4.720	VV	715	12824	0.19%	0.015%
32	4.732	4.720	4.751	VV	256	2806	0.04%	0.003%
33	4.757	4.751	4.774	VV	147	1038	0.02%	0.001%
34	4.789	4.774	4.804	VV	242	2245	0.03%	0.003%
35	4.816	4.804	4.855	VV	191	3547	0.05%	0.004%
36	4.893	4.855	4.905	VV	894	11099	0.17%	0.013%

rteres

37	4.922	4.905	4.948	VV	1840	24729	0.37%	0.030%
38	4.966	4.948	4.986	VV	1068	17043	0.25%	0.021%
39	5.006	4.986	5.053	VV	1583	24019	0.36%	0.029%
40	5.085	5.053	5.106	VV	693	9622	0.14%	0.012%
41	5.117	5.106	5.132	VV	196	1845	0.03%	0.002%
42	5.153	5.132	5.171	VV	256	3864	0.06%	0.005%
43	5.211	5.171	5.248	VV	1104	23890	0.36%	0.029%
44	5.261	5.248	5.275	VV	596	6497	0.10%	0.008%
45	5.293	5.275	5.321	VV	1627	20790	0.31%	0.025%
46	5.327	5.321	5.366	VV	371	6123	0.09%	0.007%
47	5.394	5.366	5.434	PV	217	5335	0.08%	0.006%
48	5.452	5.434	5.478	VV	1073	16043	0.24%	0.019%
49	5.501	5.478	5.559	VV	830	21222	0.32%	0.026%
50	5.584	5.559	5.604	VV	213	3277	0.05%	0.004%
51	5.645	5.604	5.663	PV	1653	23630	0.35%	0.029%
52	5.676	5.663	5.750	VV	1388	32748	0.49%	0.040%
53	5.767	5.750	5.794	VV	288	5365	0.08%	0.006%
54	5.800	5.794	5.807	VV	112	947	0.01%	0.001%
55	5.832	5.807	5.860	VV	993	16235	0.24%	0.020%
56	5.872	5.860	5.882	VV	297	3336	0.05%	0.004%
57	5.891	5.882	5.899	VV	263	2394	0.04%	0.003%
58	5.938	5.899	5.982	VV	1292	26855	0.40%	0.032%
59	5.995	5.982	6.021	VV	568	7290	0.11%	0.009%
60	6.035	6.021	6.054	VV	827	8993	0.13%	0.011%
61	6.078	6.054	6.111	VV	320	5980	0.09%	0.007%
62	6.128	6.111	6.142	VV	371	3713	0.06%	0.004%
63	6.181	6.142	6.198	VV	463	10155	0.15%	0.012%
64	6.220	6.198	6.247	VV	1535	23513	0.35%	0.028%
65	6.258	6.247	6.297	VV	600	11129	0.17%	0.013%
66	6.318	6.297	6.344	VV	490	7329	0.11%	0.009%
67	6.367	6.344	6.377	VV	687	8771	0.13%	0.011%
68	6.404	6.377	6.433	VV	1180	26912	0.40%	0.033%
69	6.448	6.433	6.477	VV	591	11679	0.17%	0.014%
70	6.521	6.477	6.548	VV	1231	27692	0.41%	0.033%
71	6.601	6.548	6.628	VV	891	31031	0.46%	0.038%
72	6.648	6.628	6.668	VV	509	10579	0.16%	0.013%
73	6.683	6.668	6.704	VV	922	12414	0.19%	0.015%
74	6.715	6.704	6.736	VV	567	6479	0.10%	0.008%
75	6.768	6.736	6.794	PV	1102	20812	0.31%	0.025%
76	6.808	6.794	6.821	VV	1058	12932	0.19%	0.016%
77	6.835	6.821	6.857	VV	1168	18115	0.27%	0.022%
78	6.873	6.857	6.898	VV	944	16046	0.24%	0.019%
79	6.948	6.898	6.979	VV	1029	28787	0.43%	0.035%
80	7.027	6.979	7.059	VV	843	30687	0.46%	0.037%
81	7.090	7.059	7.128	VV	1820	40299	0.60%	0.049%
82	7.148	7.128	7.166	VV	1174	19214	0.29%	0.023%
83	7.186	7.166	7.201	VV	1511	23768	0.35%	0.029%
84	7.218	7.201	7.238	VV	1949	31128	0.46%	0.038%
85	7.255	7.238	7.281	VV	1809	31056	0.46%	0.038%
86	7.321	7.281	7.344	VV	3169	66481	0.99%	0.080%
87	7.354	7.344	7.381	VV	1709	30997	0.46%	0.037%
88	7.409	7.381	7.440	VV	3136	73705	1.10%	0.089%
89	7.457	7.440	7.478	VV	2313	38191	0.57%	0.046%

rteres

90	7.504	7.478	7.524	VV	3171	56882	0.85%	0.069%
91	7.537	7.524	7.568	VV	1597	31314	0.47%	0.038%
92	7.636	7.568	7.664	VV	4468	119915	1.79%	0.145%
93	7.673	7.664	7.688	VV	1482	20521	0.31%	0.025%
94	7.721	7.688	7.734	VV	2189	48866	0.73%	0.059%
95	7.765	7.734	7.793	VV	3048	78322	1.17%	0.095%
96	7.811	7.793	7.872	VV	2959	92486	1.38%	0.112%
97	7.921	7.872	7.957	VV	5384	138768	2.07%	0.168%
98	7.971	7.957	7.988	VV	2146	37868	0.57%	0.046%
99	8.011	7.988	8.034	VV	2911	63073	0.94%	0.076%
100	8.067	8.034	8.141	VV	4280	195012	2.91%	0.236%
101	8.207	8.141	8.223	VV	3829	147221	2.20%	0.178%
102	8.248	8.223	8.293	VV	18667	324398	4.84%	0.392%
103	8.338	8.293	8.366	VV	7030	210968	3.15%	0.255%
104	8.391	8.366	8.420	VV	7545	173217	2.59%	0.209%
105	8.439	8.420	8.450	VV	5215	87709	1.31%	0.106%
106	8.480	8.450	8.508	VV	5802	186613	2.79%	0.226%
107	8.523	8.508	8.566	VV	6566	197330	2.95%	0.238%
108	8.600	8.566	8.609	VV	5913	139263	2.08%	0.168%
109	8.627	8.609	8.651	VV	7885	166436	2.48%	0.201%
110	8.675	8.651	8.724	VV	13289	365787	5.46%	0.442%
111	8.745	8.724	8.758	VV	7785	136841	2.04%	0.165%
112	8.778	8.758	8.834	VV	7898	289736	4.32%	0.350%
113	8.855	8.834	8.864	VV	6114	101055	1.51%	0.122%
114	8.906	8.864	8.927	VV	9083	278435	4.16%	0.337%
115	8.945	8.927	8.959	VV	10800	172647	2.58%	0.209%
116	8.976	8.959	8.997	VV	12446	222673	3.32%	0.269%
117	9.014	8.997	9.023	VV	9874	140857	2.10%	0.170%
118	9.043	9.023	9.094	VV	18790	516588	7.71%	0.624%
119	9.110	9.094	9.120	VV	7876	120136	1.79%	0.145%
120	9.141	9.120	9.158	VV	11111	217035	3.24%	0.262%
121	9.166	9.158	9.180	VV	9378	122432	1.83%	0.148%
122	9.201	9.180	9.228	VV	10706	266262	3.97%	0.322%
123	9.266	9.228	9.294	VV	11060	377665	5.64%	0.456%
124	9.357	9.294	9.376	VV	10244	461723	6.89%	0.558%
125	9.384	9.376	9.408	VV	9524	177760	2.65%	0.215%
126	9.434	9.408	9.461	VV	11099	313242	4.68%	0.379%
127	9.478	9.461	9.493	VV	9304	169252	2.53%	0.205%
128	9.525	9.493	9.536	VV	10195	248569	3.71%	0.300%
129	9.555	9.536	9.574	VV	12034	250175	3.73%	0.302%
130	9.590	9.574	9.618	VV	10744	264004	3.94%	0.319%
131	9.653	9.618	9.672	VV	12066	354919	5.30%	0.429%
132	9.684	9.672	9.694	VV	10582	137337	2.05%	0.166%
133	9.737	9.694	9.774	VV	14076	558341	8.33%	0.675%
134	9.815	9.774	9.836	VV	13256	448866	6.70%	0.542%
135	9.852	9.836	9.862	VV	11853	180332	2.69%	0.218%
136	9.892	9.862	9.929	VV	12397	474950	7.09%	0.574%
137	9.961	9.929	9.970	VV	11949	287285	4.29%	0.347%
138	9.999	9.970	10.059	VV	37209	961724	14.36%	1.162%
139	10.071	10.059	10.084	VV	13466	201026	3.00%	0.243%
140	10.095	10.084	10.112	VV	13454	220334	3.29%	0.266%
141	10.133	10.112	10.154	VV	16141	351610	5.25%	0.425%

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142	10.190	10.154	10.201	VV	13056	357560	5.34%	0.432%
143	10.238	10.201	10.249	VV	13304	375225	5.60%	0.453%
144	10.255	10.249	10.278	VV	13070	222335	3.32%	0.269%
145	10.331	10.278	10.348	VV	14034	569989	8.51%	0.689%
146	10.367	10.348	10.381	VV	14097	270252	4.03%	0.327%
147	10.400	10.381	10.414	VV	14733	280339	4.18%	0.339%
148	10.481	10.414	10.497	VV	15902	731601	10.92%	0.884%
149	10.522	10.497	10.547	VV	20229	511670	7.64%	0.618%
150	10.571	10.547	10.588	VV	16208	384906	5.75%	0.465%
151	10.611	10.588	10.629	VV	16965	403872	6.03%	0.488%
152	10.669	10.629	10.700	VV	18998	717237	10.71%	0.867%
153	10.740	10.700	10.756	VV	17502	558500	8.34%	0.675%
154	10.801	10.756	10.838	VV	22808	923715	13.79%	1.116%
155	10.850	10.838	10.861	VV	18652	251105	3.75%	0.303%
156	10.875	10.861	10.911	VV	19841	566348	8.45%	0.684%
157	10.947	10.911	10.994	VV	31774	1085409	16.20%	1.312%
158	11.009	10.994	11.056	VV	18883	680333	10.16%	0.822%
159	11.128	11.056	11.175	VV	21229	1351130	20.17%	1.633%
160	11.205	11.175	11.234	VV	25165	744342	11.11%	0.900%
161	11.255	11.234	11.295	VV	20744	726903	10.85%	0.878%
162	11.302	11.295	11.321	VV	19612	295988	4.42%	0.358%
163	11.359	11.321	11.378	VV	20303	656249	9.80%	0.793%
164	11.443	11.378	11.456	VV	20357	910749	13.59%	1.101%
165	11.477	11.456	11.494	VV	20503	449445	6.71%	0.543%
166	11.513	11.494	11.528	VV	20645	413167	6.17%	0.499%
167	11.550	11.528	11.566	VV	22132	479268	7.15%	0.579%
168	11.582	11.566	11.599	VV	22441	408174	6.09%	0.493%
169	11.608	11.599	11.628	VV	20329	352431	5.26%	0.426%
170	11.669	11.628	11.703	VV	26808	1038773	15.51%	1.255%
171	11.737	11.703	11.755	VV	19798	590836	8.82%	0.714%
172	11.786	11.755	11.816	VV	20279	722921	10.79%	0.874%
173	11.899	11.816	11.935	VV	495277	6699314	100.00%	8.096%
174	11.972	11.935	11.988	VV	22414	686835	10.25%	0.830%
175	11.999	11.988	12.014	VV	21927	343727	5.13%	0.415%
176	12.040	12.014	12.062	VV	23262	625321	9.33%	0.756%
177	12.083	12.062	12.098	VV	22149	471218	7.03%	0.569%
178	12.105	12.098	12.168	VV	21978	882762	13.18%	1.067%
179	12.197	12.168	12.214	VV	23113	587793	8.77%	0.710%
180	12.253	12.214	12.294	VV	23215	1028399	15.35%	1.243%
181	12.324	12.294	12.342	VV	21007	581928	8.69%	0.703%
182	12.355	12.342	12.371	VV	20852	357088	5.33%	0.432%
183	12.402	12.371	12.441	VV	20804	839373	12.53%	1.014%
184	12.468	12.441	12.488	VV	19927	537926	8.03%	0.650%
185	12.510	12.488	12.531	VV	21161	530616	7.92%	0.641%
186	12.562	12.531	12.600	VV	21087	830213	12.39%	1.003%
187	12.616	12.600	12.634	VV	19996	397885	5.94%	0.481%
188	12.673	12.634	12.708	VV	21636	859245	12.83%	1.038%
189	12.735	12.708	12.775	VV	19816	754177	11.26%	0.911%
190	12.837	12.775	12.878	VV	19587	1132961	16.91%	1.369%
191	12.899	12.878	12.932	VV	20180	614274	9.17%	0.742%
192	12.957	12.932	13.004	VV	28820	896615	13.38%	1.084%
193	13.013	13.004	13.040	VV	17627	363068	5.42%	0.439%
194	13.052	13.040	13.072	VV	16921	309733	4.62%	0.374%

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195	13.101	13.072	13.128	VV	16762	531277	7.93%	0.642%
196	13.160	13.128	13.223	VV	18764	913578	13.64%	1.104%
197	13.256	13.223	13.283	VV	24004	626025	9.34%	0.757%
198	13.344	13.283	13.410	VV	342474	5013845	74.84%	6.059%
199	13.444	13.410	13.474	VV	15641	557408	8.32%	0.674%
200	13.515	13.474	13.543	VV	15600	590474	8.81%	0.714%
201	13.555	13.543	13.577	VV	14734	281123	4.20%	0.340%
202	13.589	13.577	13.634	VV	13563	427701	6.38%	0.517%
203	13.676	13.634	13.699	VV	12677	464369	6.93%	0.561%
204	13.722	13.699	13.754	VV	11948	375942	5.61%	0.454%
205	13.777	13.754	13.799	VV	11404	292362	4.36%	0.353%
206	13.824	13.799	13.834	VV	11544	237908	3.55%	0.288%
207	13.849	13.834	13.898	VV	12038	400267	5.97%	0.484%
208	13.910	13.898	13.981	VV	10139	487496	7.28%	0.589%
209	13.997	13.981	14.031	VV	10482	291404	4.35%	0.352%
210	14.048	14.031	14.068	VV	10384	212607	3.17%	0.257%
211	14.098	14.068	14.231	VV	11606	868765	12.97%	1.050%
212	14.244	14.231	14.286	VV	7364	235059	3.51%	0.284%
213	14.313	14.286	14.348	VV	8671	271729	4.06%	0.328%
214	14.367	14.348	14.395	VV	6460	174881	2.61%	0.211%
215	14.416	14.395	14.441	VV	6022	158090	2.36%	0.191%
216	14.456	14.441	14.464	VV	5831	81277	1.21%	0.098%
217	14.524	14.464	14.548	VV	6500	309755	4.62%	0.374%
218	14.554	14.548	14.580	VV	6319	111282	1.66%	0.134%
219	14.600	14.580	14.639	VV	6457	194712	2.91%	0.235%
220	14.663	14.639	14.681	VV	5759	129457	1.93%	0.156%
221	14.687	14.681	14.709	VV	5264	82201	1.23%	0.099%
222	14.721	14.709	14.738	VV	4848	80227	1.20%	0.097%
223	14.771	14.738	14.809	VV	5169	188467	2.81%	0.228%
224	14.830	14.809	14.858	VV	5297	125519	1.87%	0.152%
225	14.907	14.858	14.938	VV	4334	176852	2.64%	0.214%
226	14.948	14.938	14.978	VV	3357	73541	1.10%	0.089%
227	14.984	14.978	14.999	VV	3002	36907	0.55%	0.045%
228	15.016	14.999	15.080	VV	2822	127763	1.91%	0.154%
229	15.099	15.080	15.115	VV	3057	56883	0.85%	0.069%
230	15.143	15.115	15.164	VV	8518	161905	2.42%	0.196%
231	15.183	15.164	15.234	VV	9668	226400	3.38%	0.274%
232	15.248	15.234	15.281	VV	3018	66539	0.99%	0.080%
233	15.302	15.281	15.324	VV	2450	54919	0.82%	0.066%
234	15.331	15.324	15.375	VV	2243	49729	0.74%	0.060%
235	15.396	15.375	15.433	VV	1560	40660	0.61%	0.049%
236	15.455	15.433	15.471	VV	1534	28330	0.42%	0.034%
237	15.490	15.471	15.561	VV	1326	51832	0.77%	0.063%
238	15.595	15.561	15.668	VV	10827	317022	4.73%	0.383%
239	15.677	15.668	15.704	VV	2095	37800	0.56%	0.046%
240	15.735	15.704	15.762	VV	2611	64732	0.97%	0.078%
241	15.795	15.762	15.841	VV	6345	142284	2.12%	0.172%
242	15.857	15.841	15.884	VV	1680	29076	0.43%	0.035%
243	15.909	15.884	15.922	VV	637	12205	0.18%	0.015%
244	15.961	15.922	15.970	VV	1328	27631	0.41%	0.033%
245	15.980	15.970	16.016	VV	1371	25932	0.39%	0.031%
246	16.048	16.016	16.084	VV	987	24630	0.37%	0.030%

rteres

247	16.106	16.084	16.123	VV	682	11060	0.17%	0.013%
248	16.140	16.123	16.168	VV	728	13391	0.20%	0.016%
249	16.227	16.168	16.271	VV	1388	39923	0.60%	0.048%
250	16.292	16.271	16.335	VV	671	11788	0.18%	0.014%
251	16.349	16.335	16.391	PV	252	4202	0.06%	0.005%
252	16.427	16.391	16.478	PV	934	22677	0.34%	0.027%
253	16.522	16.478	16.550	PV	658	17066	0.25%	0.021%
254	16.568	16.550	16.581	VV	428	6360	0.09%	0.008%
255	16.622	16.581	16.641	VV	1222	25171	0.38%	0.030%
256	16.708	16.641	16.771	VV	13038	300650	4.49%	0.363%
257	16.788	16.771	16.810	VV	1275	19667	0.29%	0.024%
258	16.839	16.810	16.904	VV	3039	59668	0.89%	0.072%
259	16.914	16.904	16.931	VV	136	1829	0.03%	0.002%
260	17.030	16.931	17.064	PV	7848	147249	2.20%	0.178%
261	17.091	17.064	17.132	VV	7878	136564	2.04%	0.165%
262	17.189	17.132	17.208	VV	3963	100865	1.51%	0.122%
263	17.226	17.208	17.282	VV	5043	88277	1.32%	0.107%
264	17.296	17.282	17.311	VV	341	5287	0.08%	0.006%
265	17.370	17.311	17.384	VV	898	25408	0.38%	0.031%
266	17.405	17.384	17.432	VV	914	19977	0.30%	0.024%
267	17.515	17.432	17.535	VV	1725	48073	0.72%	0.058%
268	17.629	17.535	17.666	VV	3815	114010	1.70%	0.138%
269	17.715	17.666	17.727	VV	1020	25876	0.39%	0.031%
270	17.750	17.727	17.778	VV	1748	33848	0.51%	0.041%
271	17.798	17.778	17.821	VV	769	12656	0.19%	0.015%
272	17.869	17.821	17.886	VV	364	10046	0.15%	0.012%
273	17.920	17.886	17.936	VV	545	7150	0.11%	0.009%
274	17.968	17.936	18.001	PV	1104	20532	0.31%	0.025%
275	18.069	18.001	18.104	VV	4377	119233	1.78%	0.144%
276	18.166	18.104	18.194	VV	1523	48336	0.72%	0.058%
277	18.215	18.194	18.225	VV	1834	27891	0.42%	0.034%
278	18.250	18.225	18.277	VV	1934	48639	0.73%	0.059%
279	18.298	18.277	18.334	VV	2075	40181	0.60%	0.049%
280	18.390	18.334	18.415	VV	4207	92208	1.38%	0.111%
281	18.492	18.415	18.538	VV	7467	335676	5.01%	0.406%
282	18.547	18.538	18.562	VV	2391	32556	0.49%	0.039%
283	18.583	18.562	18.618	VV	2260	69680	1.04%	0.084%
284	18.632	18.618	18.685	VV	1917	61003	0.91%	0.074%
285	18.727	18.685	18.827	VV	5056	168893	2.52%	0.204%
286	18.901	18.827	18.948	VV	4502	106305	1.59%	0.128%
287	19.006	18.948	19.021	VV	1556	41163	0.61%	0.050%
288	19.060	19.021	19.126	VV	1882	81930	1.22%	0.099%
289	19.178	19.126	19.198	VV	1605	52975	0.79%	0.064%
290	19.221	19.198	19.241	VV	2137	44587	0.67%	0.054%
291	19.305	19.241	19.358	VV	5083	224270	3.35%	0.271%
292	19.435	19.358	19.448	VV	2962	140222	2.09%	0.169%
293	19.462	19.448	19.479	VV	2770	48852	0.73%	0.059%
294	19.504	19.479	19.537	VV	2885	90813	1.36%	0.110%
295	19.561	19.537	19.574	VV	2562	55334	0.83%	0.067%
296	19.692	19.574	19.731	VV	4883	275451	4.11%	0.333%
297	19.809	19.731	19.834	VV	4322	221827	3.31%	0.268%
298	19.917	19.834	19.929	VV	4749	240954	3.60%	0.291%
299	19.979	19.929	20.005	VV	5433	229459	3.43%	0.277%

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300	20.062	20.005	20.144	VV	7727	493658	7.37%	0.597%
301	20.222	20.144	20.234	VV	6146	304115	4.54%	0.368%
302	20.310	20.234	20.321	VV	7557	363524	5.43%	0.439%
303	20.348	20.321	20.367	VV	7660	209588	3.13%	0.253%
304	20.433	20.367	20.471	VV	9095	497762	7.43%	0.602%
305	20.594	20.471	20.614	VV	10888	787523	11.76%	0.952%
306	20.657	20.614	20.668	VV	10441	330372	4.93%	0.399%
307	20.685	20.668	20.694	VV	10261	163151	2.44%	0.197%
308	20.718	20.694	20.728	VV	10236	204121	3.05%	0.247%
309	20.744	20.728	20.758	VV	10124	180867	2.70%	0.219%
310	20.794	20.758	20.828	VV	11452	457449	6.83%	0.553%
311	20.836	20.828	20.845	VV	11032	114269	1.71%	0.138%
312	20.864	20.845	20.877	VV	10933	207126	3.09%	0.250%
313	20.915	20.877	20.940	VV	11027	409290	6.11%	0.495%
314	20.977	20.940	21.023	VV	10682	525520	7.84%	0.635%
315	21.033	21.023	21.046	VV	10216	139977	2.09%	0.169%
316	21.081	21.046	21.127	VV	10229	485573	7.25%	0.587%
317	21.174	21.127	21.247	VV	10338	673431	10.05%	0.814%
318	21.327	21.247	21.337	VV	8341	439692	6.56%	0.531%
319	21.362	21.337	21.369	VV	8216	157445	2.35%	0.190%
320	21.410	21.369	21.444	VV	8198	361607	5.40%	0.437%
321	21.464	21.444	21.511	VV	7795	302796	4.52%	0.366%
322	21.517	21.511	21.553	VV	7319	176414	2.63%	0.213%
323	21.600	21.553	21.641	VV	7086	356680	5.32%	0.431%
324	21.650	21.641	21.658	VV	6555	68576	1.02%	0.083%
325	21.686	21.658	21.718	VV	6413	225152	3.36%	0.272%
326	21.729	21.718	21.742	VV	6258	91368	1.36%	0.110%
327	21.774	21.742	21.811	VV	6256	251985	3.76%	0.305%
328	21.821	21.811	22.001	VV	5888	548481	8.19%	0.663%
329	22.096	22.001	22.116	VV	4091	262875	3.92%	0.318%
330	22.162	22.116	22.171	VV	3655	122294	1.83%	0.148%
331	22.191	22.171	22.358	VV	3529	288745	4.31%	0.349%
332	22.367	22.358	22.381	VV	1431	19630	0.29%	0.024%
333	22.391	22.381	22.404	VV	1364	18320	0.27%	0.022%
334	22.418	22.404	22.534	VV	1239	55465	0.83%	0.067%
335	22.554	22.534	22.564	VV	122	1527	0.02%	0.002%

Sum of corrected areas: 82743657

Aliphatic EPH 032925.M Tue Apr 01 02:30:36 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053083.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 21:04
Operator : YP\AJ
Sample : Q1675-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
K2

Integration File: autoint1.e
Quant Time: Apr 01 01:43:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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)	11.899	4806048	29.506 ug/ml
Spiked Amount 50.000		Recovery =	59.01%
12) S 1-chlorooctadecane (S...	13.343	3599127	29.982 ug/ml
Spiked Amount 50.000		Recovery =	59.96%
Target Compounds			

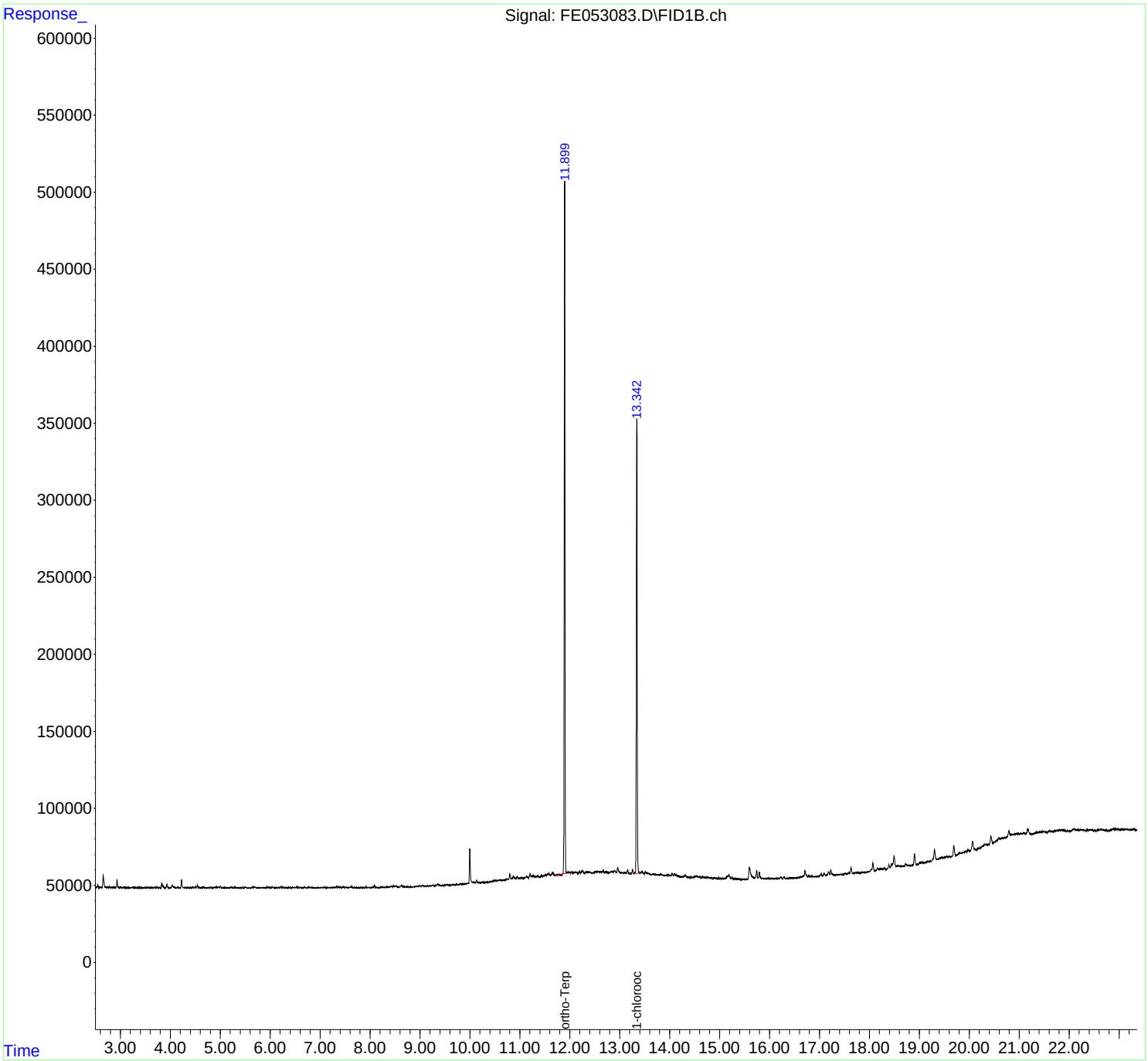
(f)=RT Delta > 1/2 Window (m)=manual int.

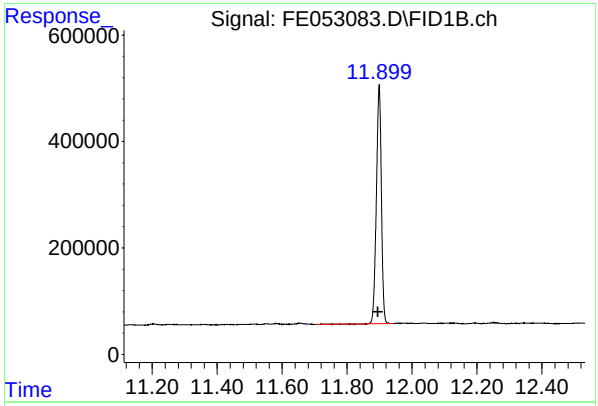
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053083.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 21:04
Operator : YP\AJ
Sample : Q1675-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
K2

Integration File: autoint1.e
Quant Time: Apr 01 01:43:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

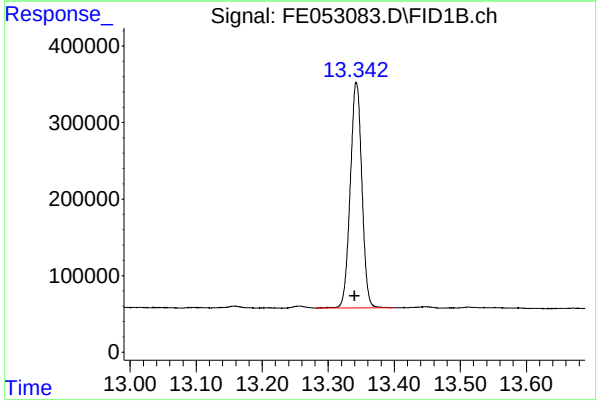




#9 ortho-Terphenyl (SURR)

R.T.: 11.899 min
Delta R.T.: 0.003 min
Response: 4806048
Conc: 29.51 ug/ml

Instrument :
FID_E
ClientSampleId :
K2



#12 1-chlorooctadecane (SURR)

R.T.: 13.343 min
Delta R.T.: 0.003 min
Response: 3599127
Conc: 29.98 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053083.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 21:04
Sample : Q1675-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	2.872	2.805	2.908	BV	179	2434	0.05%	0.007%
2	2.933	2.908	3.005	PV	4945	55997	1.06%	0.161%
3	3.019	3.005	3.038	VV	187	2398	0.05%	0.007%
4	3.052	3.038	3.089	PV	157	2706	0.05%	0.008%
5	3.127	3.089	3.145	VV	131	2984	0.06%	0.009%
6	3.164	3.145	3.218	VV	206	2914	0.06%	0.008%
7	3.240	3.218	3.305	VV	411	7966	0.15%	0.023%
8	3.314	3.305	3.328	PV	126	995	0.02%	0.003%
9	3.357	3.328	3.371	VV	269	3723	0.07%	0.011%
10	3.385	3.371	3.415	VV	258	4120	0.08%	0.012%
11	3.422	3.415	3.437	VV	162	1547	0.03%	0.004%
12	3.558	3.437	3.575	VV	268	9929	0.19%	0.029%
13	3.611	3.575	3.623	VV	213	4633	0.09%	0.013%
14	3.637	3.623	3.656	VV	179	2555	0.05%	0.007%
15	3.692	3.656	3.710	VV	229	5009	0.09%	0.014%
16	3.731	3.710	3.758	VV	501	7624	0.14%	0.022%
17	3.777	3.758	3.802	VV	230	3532	0.07%	0.010%
18	3.831	3.802	3.846	VV	3149	35483	0.67%	0.102%
19	3.853	3.846	3.906	VV	1510	19280	0.36%	0.056%
20	3.930	3.906	3.987	VV	2245	27700	0.52%	0.080%
21	4.038	3.987	4.132	VV	1900	40405	0.76%	0.117%
22	4.150	4.132	4.200	VV	304	7409	0.14%	0.021%
23	4.224	4.200	4.258	VV	5260	59460	1.12%	0.171%
24	4.274	4.258	4.289	VV	307	5044	0.10%	0.015%
25	4.303	4.289	4.325	VV	284	4445	0.08%	0.013%
26	4.341	4.325	4.361	VV	234	3927	0.07%	0.011%
27	4.366	4.361	4.382	VV	159	1914	0.04%	0.006%
28	4.392	4.382	4.422	VV	183	3684	0.07%	0.011%
29	4.443	4.422	4.476	VV	273	6616	0.12%	0.019%
30	4.503	4.476	4.520	VV	640	9470	0.18%	0.027%
31	4.541	4.520	4.598	VV	1845	28709	0.54%	0.083%
32	4.617	4.598	4.645	VV	337	5980	0.11%	0.017%
33	4.659	4.645	4.701	VV	646	13226	0.25%	0.038%
34	4.718	4.701	4.772	VV	186	6492	0.12%	0.019%
35	4.814	4.772	4.861	VV	271	12390	0.23%	0.036%
36	4.892	4.861	4.907	VV	614	10579	0.20%	0.031%

rteres

37	4.922	4.907	4.946	VV	998	13990	0.26%	0.040%
38	4.966	4.946	4.988	VV	659	10174	0.19%	0.029%
39	5.006	4.988	5.059	VV	1108	17576	0.33%	0.051%
40	5.087	5.059	5.155	VV	437	10795	0.20%	0.031%
41	5.161	5.155	5.185	VV	226	3035	0.06%	0.009%
42	5.210	5.185	5.244	VV	731	14448	0.27%	0.042%
43	5.261	5.244	5.275	VV	324	4288	0.08%	0.012%
44	5.293	5.275	5.336	VV	901	12624	0.24%	0.036%
45	5.347	5.336	5.366	VV	157	1943	0.04%	0.006%
46	5.382	5.366	5.405	PV	109	1742	0.03%	0.005%
47	5.412	5.405	5.434	VV	113	1707	0.03%	0.005%
48	5.453	5.434	5.484	VV	563	9427	0.18%	0.027%
49	5.503	5.484	5.558	VV	623	11295	0.21%	0.033%
50	5.584	5.558	5.602	VV	119	1256	0.02%	0.004%
51	5.644	5.602	5.662	PV	952	11515	0.22%	0.033%
52	5.677	5.662	5.747	VV	735	20216	0.38%	0.058%
53	5.765	5.747	5.818	VV	193	6040	0.11%	0.017%
54	5.838	5.818	5.865	VV	387	7138	0.13%	0.021%
55	5.871	5.865	5.882	VV	186	1669	0.03%	0.005%
56	5.938	5.882	5.979	VV	806	16548	0.31%	0.048%
57	5.996	5.979	6.012	VV	429	5443	0.10%	0.016%
58	6.035	6.012	6.053	VV	588	6896	0.13%	0.020%
59	6.069	6.053	6.110	VV	243	6380	0.12%	0.018%
60	6.129	6.110	6.150	VV	274	4678	0.09%	0.013%
61	6.185	6.150	6.205	VV	277	7458	0.14%	0.022%
62	6.220	6.205	6.297	VV	858	20184	0.38%	0.058%
63	6.325	6.297	6.341	VV	275	5570	0.11%	0.016%
64	6.369	6.341	6.385	VV	396	7219	0.14%	0.021%
65	6.392	6.385	6.438	VV	394	8884	0.17%	0.026%
66	6.450	6.438	6.471	VV	299	4413	0.08%	0.013%
67	6.523	6.471	6.559	VV	626	17206	0.33%	0.050%
68	6.603	6.559	6.642	VV	380	12104	0.23%	0.035%
69	6.684	6.642	6.735	VV	557	11986	0.23%	0.035%
70	6.771	6.735	6.822	VV	570	14584	0.28%	0.042%
71	6.835	6.822	6.921	VV	298	7519	0.14%	0.022%
72	6.965	6.921	6.988	PV	292	5194	0.10%	0.015%
73	7.018	6.988	7.061	VV	290	6901	0.13%	0.020%
74	7.089	7.061	7.151	VV	418	10316	0.19%	0.030%
75	7.185	7.151	7.200	VV	174	4059	0.08%	0.012%
76	7.220	7.200	7.236	VV	337	4917	0.09%	0.014%
77	7.259	7.236	7.298	VV	276	7164	0.14%	0.021%
78	7.323	7.298	7.343	VV	1004	15354	0.29%	0.044%
79	7.361	7.343	7.385	VV	674	11516	0.22%	0.033%
80	7.406	7.385	7.438	VV	561	10422	0.20%	0.030%
81	7.460	7.438	7.495	VV	702	12518	0.24%	0.036%
82	7.505	7.495	7.552	VV	274	7345	0.14%	0.021%
83	7.577	7.552	7.594	VV	228	4321	0.08%	0.012%
84	7.609	7.594	7.618	VV	426	4470	0.08%	0.013%
85	7.634	7.618	7.685	VV	762	13111	0.25%	0.038%
86	7.707	7.685	7.740	VV	252	4344	0.08%	0.013%
87	7.751	7.740	7.785	VV	111	2292	0.04%	0.007%
88	7.809	7.785	7.851	PV	215	3417	0.06%	0.010%
89	7.860	7.851	7.880	VV	75	936	0.02%	0.003%

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90	7.918	7.880	7.991	VV	590	11317	0.21%	0.033%
91	8.006	7.991	8.018	PV	108	843	0.02%	0.002%
92	8.088	8.018	8.177	VV	1113	25749	0.49%	0.074%
93	8.245	8.177	8.297	VV	367	12410	0.23%	0.036%
94	8.337	8.297	8.368	PV	508	10555	0.20%	0.030%
95	8.419	8.368	8.426	VV	462	11176	0.21%	0.032%
96	8.440	8.426	8.457	VV	772	10793	0.20%	0.031%
97	8.486	8.457	8.504	VV	933	19767	0.37%	0.057%
98	8.520	8.504	8.580	VV	1024	21320	0.40%	0.061%
99	8.626	8.580	8.668	VV	1283	27893	0.53%	0.080%
100	8.674	8.668	8.701	VV	411	5949	0.11%	0.017%
101	8.716	8.701	8.730	VV	240	3125	0.06%	0.009%
102	8.747	8.730	8.768	VV	324	4165	0.08%	0.012%
103	8.784	8.768	8.827	VV	222	3968	0.07%	0.011%
104	8.848	8.827	8.864	PV	151	1535	0.03%	0.004%
105	8.948	8.864	8.961	VV	456	13945	0.26%	0.040%
106	8.995	8.961	9.023	VV	730	19751	0.37%	0.057%
107	9.060	9.023	9.114	VV	766	26644	0.50%	0.077%
108	9.132	9.114	9.151	VV	500	8705	0.16%	0.025%
109	9.169	9.151	9.185	VV	501	8781	0.17%	0.025%
110	9.203	9.185	9.236	VV	628	13936	0.26%	0.040%
111	9.264	9.236	9.311	VV	874	26538	0.50%	0.077%
112	9.351	9.311	9.419	VV	1599	54142	1.02%	0.156%
113	9.433	9.419	9.465	VV	570	13703	0.26%	0.040%
114	9.527	9.465	9.572	VV	1094	48698	0.92%	0.140%
115	9.637	9.572	9.658	VV	898	37250	0.70%	0.107%
116	9.678	9.658	9.694	VV	868	16136	0.30%	0.047%
117	9.731	9.694	9.769	VV	1231	42372	0.80%	0.122%
118	9.802	9.769	9.835	VV	1267	42391	0.80%	0.122%
119	9.857	9.835	9.875	VV	1206	27415	0.52%	0.079%
120	9.915	9.875	9.921	VV	1280	33933	0.64%	0.098%
121	9.941	9.921	9.950	VV	1438	23771	0.45%	0.069%
122	9.963	9.950	9.971	VV	1547	17125	0.32%	0.049%
123	9.999	9.971	10.058	VV	24237	367096	6.94%	1.059%
124	10.068	10.058	10.107	VV	2291	59278	1.12%	0.171%
125	10.132	10.107	10.186	VV	3577	107226	2.03%	0.309%
126	10.206	10.186	10.215	VV	1848	31458	0.59%	0.091%
127	10.239	10.215	10.269	VV	2070	63364	1.20%	0.183%
128	10.292	10.269	10.310	VV	2086	48595	0.92%	0.140%
129	10.323	10.310	10.335	VV	2079	29788	0.56%	0.086%
130	10.344	10.335	10.363	VV	2129	35138	0.66%	0.101%
131	10.399	10.363	10.413	VV	2318	64053	1.21%	0.185%
132	10.432	10.413	10.451	VV	2511	54444	1.03%	0.157%
133	10.474	10.451	10.497	VV	3181	78800	1.49%	0.227%
134	10.522	10.497	10.541	VV	3181	76355	1.44%	0.220%
135	10.614	10.541	10.630	VV	3391	164154	3.10%	0.473%
136	10.645	10.630	10.658	VV	3288	52094	0.98%	0.150%
137	10.669	10.658	10.697	VV	3175	73095	1.38%	0.211%
138	10.741	10.697	10.759	VV	3939	128834	2.43%	0.372%
139	10.800	10.759	10.823	VV	7164	184669	3.49%	0.533%
140	10.849	10.823	10.859	VV	4650	92741	1.75%	0.267%
141	10.876	10.859	10.914	VV	5275	147316	2.78%	0.425%

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142	10.946	10.914	10.969	VV	4890	146561	2.77%	0.423%
143	10.979	10.969	10.988	VV	4112	46053	0.87%	0.133%
144	11.037	10.988	11.065	VV	4577	194904	3.68%	0.562%
145	11.134	11.065	11.177	VV	5101	301876	5.70%	0.871%
146	11.203	11.177	11.228	VV	6578	166713	3.15%	0.481%
147	11.253	11.228	11.290	VV	5777	195526	3.69%	0.564%
148	11.307	11.290	11.319	VV	5046	87270	1.65%	0.252%
149	11.360	11.319	11.381	VV	5630	188827	3.57%	0.545%
150	11.391	11.381	11.399	VV	4651	48687	0.92%	0.140%
151	11.437	11.399	11.457	VV	5368	179524	3.39%	0.518%
152	11.479	11.457	11.492	VV	5637	113301	2.14%	0.327%
153	11.512	11.492	11.532	VV	6169	137221	2.59%	0.396%
154	11.551	11.532	11.566	VV	6721	121247	2.29%	0.350%
155	11.581	11.566	11.616	VV	6987	184739	3.49%	0.533%
156	11.655	11.616	11.706	VV	7614	335417	6.34%	0.967%
157	11.735	11.706	11.759	VV	5888	181572	3.43%	0.524%
158	11.779	11.759	11.815	VV	6081	191652	3.62%	0.553%
159	11.899	11.815	11.941	VV	451225	5293078	100.00%	15.265%
160	11.972	11.941	11.989	VV	7414	208308	3.94%	0.601%
161	11.997	11.989	12.012	VV	7301	100921	1.91%	0.291%
162	12.036	12.012	12.061	VV	7636	206400	3.90%	0.595%
163	12.107	12.061	12.119	VV	7283	247408	4.67%	0.714%
164	12.137	12.119	12.166	VV	7275	192177	3.63%	0.554%
165	12.193	12.166	12.213	VV	7618	193483	3.66%	0.558%
166	12.253	12.213	12.290	VV	8261	331905	6.27%	0.957%
167	12.345	12.290	12.371	VV	7474	338530	6.40%	0.976%
168	12.392	12.371	12.448	VV	7241	312931	5.91%	0.902%
169	12.475	12.448	12.485	VV	6766	142975	2.70%	0.412%
170	12.511	12.485	12.531	VV	7419	197454	3.73%	0.569%
171	12.561	12.531	12.596	VV	7474	280038	5.29%	0.808%
172	12.616	12.596	12.635	VV	7157	163242	3.08%	0.471%
173	12.672	12.635	12.695	VV	8278	263366	4.98%	0.760%
174	12.737	12.695	12.774	VV	7065	321014	6.06%	0.926%
175	12.837	12.774	12.850	VV	7196	303716	5.74%	0.876%
176	12.870	12.850	12.881	VV	7298	131110	2.48%	0.378%
177	12.896	12.881	12.934	VV	7773	229087	4.33%	0.661%
178	12.959	12.934	13.031	VV	9697	419402	7.92%	1.210%
179	13.050	13.031	13.076	VV	6281	164916	3.12%	0.476%
180	13.098	13.076	13.123	VV	6363	169215	3.20%	0.488%
181	13.158	13.123	13.191	VV	8051	263583	4.98%	0.760%
182	13.208	13.191	13.230	VV	5847	133154	2.52%	0.384%
183	13.256	13.230	13.281	VV	7977	198445	3.75%	0.572%
184	13.343	13.281	13.405	VV	301445	4015364	75.86%	11.580%
185	13.447	13.405	13.473	VV	6928	253205	4.78%	0.730%
186	13.486	13.473	13.493	VV	5535	65099	1.23%	0.188%
187	13.512	13.493	13.545	VV	6532	181066	3.42%	0.522%
188	13.553	13.545	13.579	VV	5805	113439	2.14%	0.327%
189	13.586	13.579	13.631	VV	5357	153860	2.91%	0.444%
190	13.672	13.631	13.701	VV	4999	196672	3.72%	0.567%
191	13.725	13.701	13.749	VV	4737	128621	2.43%	0.371%
192	13.768	13.749	13.788	VV	4357	97906	1.85%	0.282%
193	13.817	13.788	13.833	VV	4815	120298	2.27%	0.347%
194	13.847	13.833	13.885	VV	4405	128124	2.42%	0.370%

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195	13.955	13.885	13.975	VV	4093	208449	3.94%	0.601%
196	13.999	13.975	14.025	VV	3968	113440	2.14%	0.327%
197	14.048	14.025	14.069	VV	5054	113268	2.14%	0.327%
198	14.096	14.069	14.116	VV	4929	118272	2.23%	0.341%
199	14.126	14.116	14.231	VV	3874	223643	4.23%	0.645%
200	14.250	14.231	14.280	VV	2847	79960	1.51%	0.231%
201	14.314	14.280	14.351	VV	4017	128010	2.42%	0.369%
202	14.369	14.351	14.401	VV	2532	69322	1.31%	0.200%
203	14.420	14.401	14.469	VV	2302	88562	1.67%	0.255%
204	14.531	14.469	14.581	VV	2925	171885	3.25%	0.496%
205	14.602	14.581	14.637	VV	2509	72234	1.36%	0.208%
206	14.662	14.637	14.710	VV	2556	89603	1.69%	0.258%
207	14.724	14.710	14.741	VV	2078	34968	0.66%	0.101%
208	14.765	14.741	14.811	VV	1966	72829	1.38%	0.210%
209	14.831	14.811	14.868	VV	1817	49319	0.93%	0.142%
210	14.909	14.868	14.976	VV	1497	80230	1.52%	0.231%
211	14.985	14.976	14.997	VV	1260	13267	0.25%	0.038%
212	15.042	14.997	15.080	VV	1069	45621	0.86%	0.132%
213	15.095	15.080	15.113	VV	1117	18358	0.35%	0.053%
214	15.147	15.113	15.165	VV	2709	56452	1.07%	0.163%
215	15.183	15.165	15.229	VV	3240	81610	1.54%	0.235%
216	15.248	15.229	15.288	VV	1484	31338	0.59%	0.090%
217	15.305	15.288	15.378	VV	750	26213	0.50%	0.076%
218	15.395	15.378	15.433	VV	594	9146	0.17%	0.026%
219	15.457	15.433	15.481	VV	317	5717	0.11%	0.016%
220	15.517	15.481	15.551	VV	321	5880	0.11%	0.017%
221	15.596	15.551	15.704	PV	8019	256987	4.86%	0.741%
222	15.742	15.704	15.768	VV	5667	99515	1.88%	0.287%
223	15.794	15.768	15.839	VV	4545	83979	1.59%	0.242%
224	15.859	15.839	15.888	VV	616	12105	0.23%	0.035%
225	15.908	15.888	15.924	VV	300	5126	0.10%	0.015%
226	15.987	15.924	16.014	VV	543	17104	0.32%	0.049%
227	16.053	16.014	16.087	VV	351	8506	0.16%	0.025%
228	16.112	16.087	16.131	VV	253	5261	0.10%	0.015%
229	16.146	16.131	16.158	VV	363	4465	0.08%	0.013%
230	16.191	16.158	16.201	VV	374	6885	0.13%	0.020%
231	16.227	16.201	16.265	VV	1198	19596	0.37%	0.057%
232	16.291	16.265	16.329	VV	1002	17015	0.32%	0.049%
233	16.339	16.329	16.344	VV	111	871	0.02%	0.003%
234	16.360	16.344	16.381	VV	223	2425	0.05%	0.007%
235	16.427	16.381	16.474	PV	272	8929	0.17%	0.026%
236	16.521	16.474	16.551	PV	323	7254	0.14%	0.021%
237	16.569	16.551	16.584	VV	256	3922	0.07%	0.011%
238	16.621	16.584	16.642	VV	726	17295	0.33%	0.050%
239	16.674	16.642	16.685	VV	1277	22235	0.42%	0.064%
240	16.710	16.685	16.768	VV	4367	96518	1.82%	0.278%
241	16.786	16.768	16.814	VV	1253	20486	0.39%	0.059%
242	16.841	16.814	16.866	VV	869	16619	0.31%	0.048%
243	16.873	16.866	16.899	VV	358	5355	0.10%	0.015%
244	16.908	16.899	16.923	VV	161	2136	0.04%	0.006%
245	16.936	16.923	16.962	VV	197	2260	0.04%	0.007%
246	17.001	16.962	17.010	PV	509	7294	0.14%	0.021%

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247	17.031	17.010	17.061	VV	1767	30300	0.57%	0.087%
248	17.094	17.061	17.128	VV	1968	38666	0.73%	0.112%
249	17.181	17.128	17.203	VV	2796	54909	1.04%	0.158%
250	17.226	17.203	17.248	VV	3820	56867	1.07%	0.164%
251	17.258	17.248	17.289	VV	1070	14836	0.28%	0.043%
252	17.371	17.289	17.383	VV	271	8442	0.16%	0.024%
253	17.417	17.383	17.435	VV	250	4891	0.09%	0.014%
254	17.466	17.435	17.478	PV	212	2716	0.05%	0.008%
255	17.515	17.478	17.541	VV	955	16458	0.31%	0.047%
256	17.556	17.541	17.571	VV	330	5103	0.10%	0.015%
257	17.631	17.571	17.683	VV	4301	81076	1.53%	0.234%
258	17.719	17.683	17.728	VV	539	8995	0.17%	0.026%
259	17.751	17.728	17.781	VV	677	13499	0.26%	0.039%
260	17.797	17.781	17.825	VV	196	3368	0.06%	0.010%
261	17.917	17.825	17.935	PV	221	9358	0.18%	0.027%
262	17.968	17.935	17.982	PV	214	3216	0.06%	0.009%
263	18.035	17.982	18.044	VV	1471	26425	0.50%	0.076%
264	18.069	18.044	18.102	VV	5154	83314	1.57%	0.240%
265	18.163	18.102	18.191	VV	1398	39157	0.74%	0.113%
266	18.213	18.191	18.231	VV	1222	21390	0.40%	0.062%
267	18.250	18.231	18.266	VV	843	14415	0.27%	0.042%
268	18.297	18.266	18.323	VV	1276	24042	0.45%	0.069%
269	18.389	18.323	18.413	VV	2585	51417	0.97%	0.148%
270	18.493	18.413	18.538	VV	8158	241921	4.57%	0.698%
271	18.548	18.538	18.561	VV	1410	18416	0.35%	0.053%
272	18.581	18.561	18.664	VV	1402	56549	1.07%	0.163%
273	18.729	18.664	18.831	VV	1570	67372	1.27%	0.194%
274	18.903	18.831	18.946	PV	7442	126579	2.39%	0.365%
275	19.008	18.946	19.035	VV	1004	25114	0.47%	0.072%
276	19.059	19.035	19.105	VV	913	27635	0.52%	0.080%
277	19.110	19.105	19.120	VV	310	3310	0.06%	0.010%
278	19.171	19.120	19.181	VV	658	18032	0.34%	0.052%
279	19.217	19.181	19.233	VV	700	18132	0.34%	0.052%
280	19.303	19.233	19.368	VV	7744	200985	3.80%	0.580%
281	19.458	19.368	19.474	VV	1508	83800	1.58%	0.242%
282	19.552	19.474	19.575	VV	1812	89221	1.69%	0.257%
283	19.600	19.575	19.631	VV	1354	39021	0.74%	0.113%
284	19.690	19.631	19.730	VV	7805	170784	3.23%	0.493%
285	19.803	19.730	19.825	VV	2372	102782	1.94%	0.296%
286	19.933	19.825	19.944	VV	2624	158069	2.99%	0.456%
287	19.978	19.944	20.005	VV	3108	99309	1.88%	0.286%
288	20.066	20.005	20.141	VV	8353	319406	6.03%	0.921%
289	20.307	20.141	20.328	VV	4527	379939	7.18%	1.096%
290	20.345	20.328	20.364	VV	4571	96226	1.82%	0.278%
291	20.433	20.364	20.477	VV	9593	387936	7.33%	1.119%
292	20.591	20.477	20.621	VV	7125	508538	9.61%	1.467%
293	20.664	20.621	20.688	VV	6632	262255	4.95%	0.756%
294	20.792	20.688	20.839	VV	10470	699868	13.22%	2.018%
295	20.900	20.839	20.914	VV	7731	342758	6.48%	0.989%
296	20.959	20.914	21.008	VV	7805	430701	8.14%	1.242%
297	21.032	21.008	21.049	VV	7314	179736	3.40%	0.518%
298	21.081	21.049	21.131	VV	7252	347740	6.57%	1.003%
299	21.172	21.131	21.247	VV	9239	495809	9.37%	1.430%

rteres

300	21.485	21.247	21.564	VV	5902	1086048	20.52%	3.132%
301	21.604	21.564	21.640	VV	5735	236852	4.47%	0.683%
302	21.657	21.640	21.666	VV	4834	76628	1.45%	0.221%
303	21.813	21.666	21.826	VV	4750	453181	8.56%	1.307%
304	21.838	21.826	22.035	VV	4612	449264	8.49%	1.296%
305	22.094	22.035	22.138	VV	3702	196118	3.71%	0.566%
306	22.151	22.138	22.175	VV	2934	63553	1.20%	0.183%
307	22.208	22.175	22.218	VV	2484	63999	1.21%	0.185%
308	22.225	22.218	22.334	VV	2418	129979	2.46%	0.375%
309	22.432	22.334	22.500	VV	1008	92544	1.75%	0.267%
310	22.510	22.500	22.535	VV	222	2765	0.05%	0.008%

Sum of corrected areas: 34674203

Aliphatic EPH 032925.M Tue Apr 01 02:32:04 2025

Quantitation Report (QT Reviewed)

Sample Results: **FE053084.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053084.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 21:34
Operator : YP\AJ
Sample : Q1675-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
K3

Integration File: autoint1.e
Quant Time: Apr 01 01:44:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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)	11.899	6146059	37.733 ug/ml
Spiked Amount 50.000		Recovery =	75.47%
12) S 1-chlorooctadecane (S...	13.344	4634958	38.610 ug/ml
Spiked Amount 50.000		Recovery =	77.22%
Target Compounds			

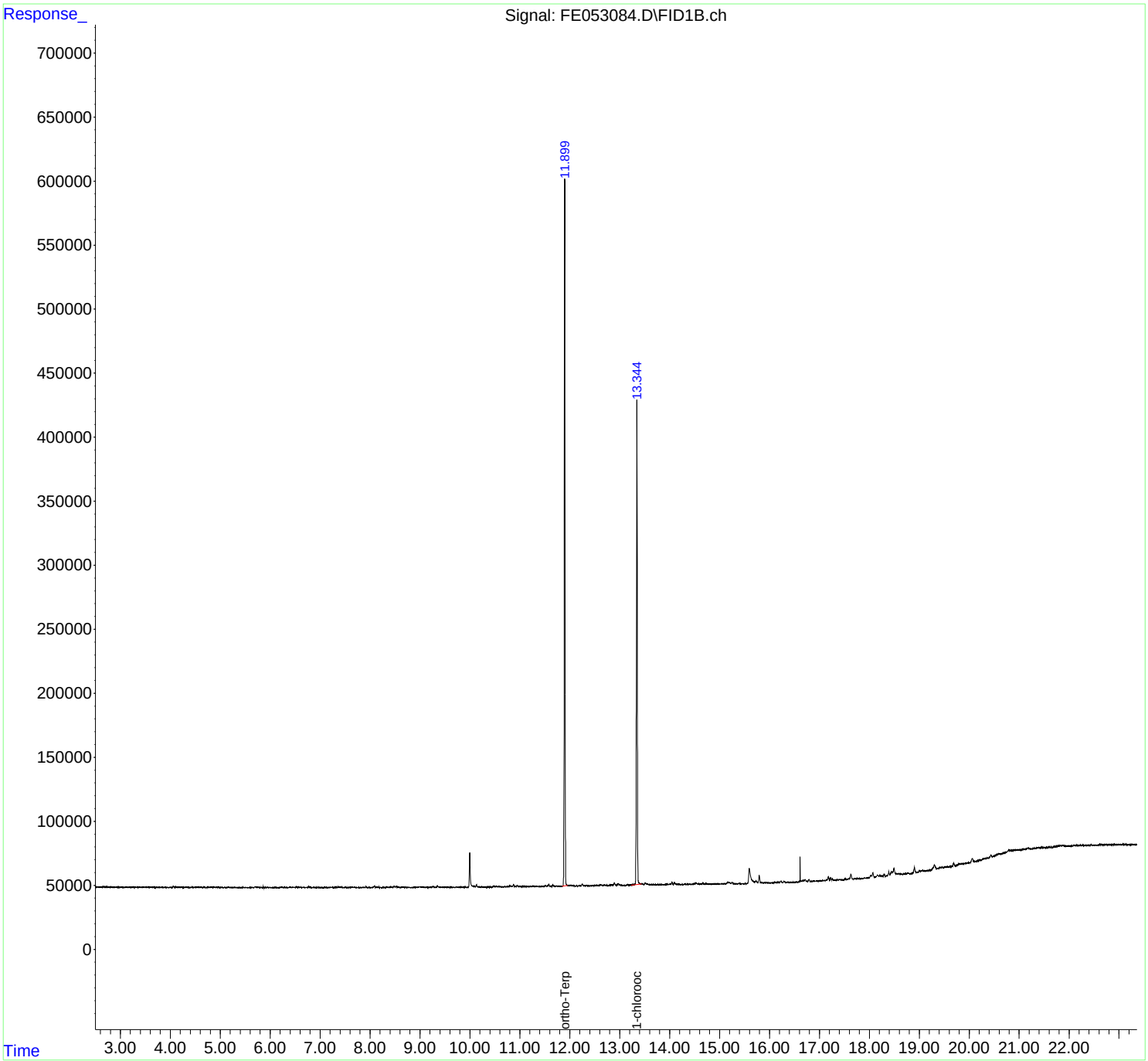
(f)=RT Delta > 1/2 Window (m)=manual int.

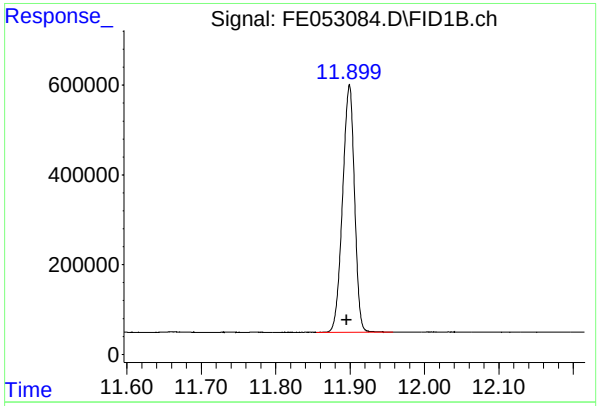
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053084.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 21:34
Operator : YP\AJ
Sample : Q1675-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
K3

Integration File: autoint1.e
Quant Time: Apr 01 01:44:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

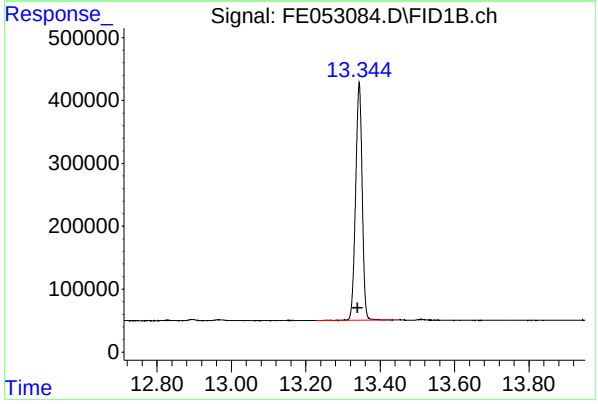




#9 ortho-Terphenyl (SURR)

R.T.: 11.899 min
Delta R.T.: 0.004 min
Response: 6146059
Conc: 37.73 ug/ml

Instrument :
FID_E
ClientSampleId :
K3



#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: 0.004 min
Response: 4634958
Conc: 38.61 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053084.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 21:34
Sample : Q1675-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	2.804	2.861	BV	70	390	0.01%	0.002%
2	2.873	2.861	2.907	PV	127	1806	0.03%	0.009%
3	2.938	2.907	2.948	PV	220	2994	0.05%	0.014%
4	2.962	2.948	3.022	VV	268	5667	0.09%	0.027%
5	3.053	3.022	3.097	VV	186	4857	0.08%	0.023%
6	3.119	3.097	3.162	VV	170	4498	0.07%	0.021%
7	3.170	3.162	3.180	VV	88	833	0.01%	0.004%
8	3.190	3.180	3.208	VV	121	1563	0.03%	0.007%
9	3.248	3.208	3.296	VV	192	5593	0.09%	0.027%
10	3.305	3.296	3.315	VV	119	1020	0.02%	0.005%
11	3.331	3.315	3.342	VV	134	1543	0.02%	0.007%
12	3.403	3.342	3.458	VV	158	7650	0.12%	0.037%
13	3.465	3.458	3.565	VV	209	7840	0.13%	0.037%
14	3.574	3.565	3.583	PV	127	1075	0.02%	0.005%
15	3.602	3.583	3.612	VV	164	2193	0.04%	0.010%
16	3.621	3.612	3.631	VV	190	1473	0.02%	0.007%
17	3.639	3.631	3.694	VV	147	3697	0.06%	0.018%
18	3.716	3.694	3.768	VV	126	4182	0.07%	0.020%
19	3.832	3.768	3.848	VV	189	5073	0.08%	0.024%
20	3.858	3.848	3.901	VV	161	2611	0.04%	0.012%
21	3.932	3.901	3.988	VV	170	4092	0.07%	0.020%
22	4.004	3.988	4.018	VV	88	1054	0.02%	0.005%
23	4.059	4.018	4.142	PV	683	21299	0.34%	0.102%
24	4.151	4.142	4.166	VV	232	2571	0.04%	0.012%
25	4.224	4.166	4.259	VV	256	9170	0.15%	0.044%
26	4.273	4.259	4.321	VV	154	4799	0.08%	0.023%
27	4.336	4.321	4.359	VV	186	3687	0.06%	0.018%
28	4.367	4.359	4.414	VV	185	3593	0.06%	0.017%
29	4.427	4.414	4.483	VV	274	4735	0.08%	0.023%
30	4.503	4.483	4.529	VV	461	6005	0.10%	0.029%
31	4.540	4.529	4.566	VV	187	3646	0.06%	0.017%
32	4.578	4.566	4.608	VV	190	3764	0.06%	0.018%
33	4.619	4.608	4.647	VV	185	2955	0.05%	0.014%
34	4.675	4.647	4.705	VV	452	6895	0.11%	0.033%
35	4.719	4.705	4.768	VV	138	4149	0.07%	0.020%
36	4.815	4.768	4.876	VV	282	12209	0.20%	0.058%

rteres

37	4.891	4.876	4.902	VV	193	2731	0.04%	0.013%
38	4.918	4.902	4.958	VV	225	5581	0.09%	0.027%
39	4.963	4.958	5.080	VV	207	7867	0.13%	0.038%
40	5.092	5.080	5.131	VV	101	1431	0.02%	0.007%
41	5.170	5.131	5.211	VV	276	5110	0.08%	0.024%
42	5.232	5.211	5.244	VV	92	1247	0.02%	0.006%
43	5.305	5.244	5.321	VV	94	2577	0.04%	0.012%
44	5.331	5.321	5.424	VV	77	2639	0.04%	0.013%
45	5.454	5.424	5.558	VV	434	10864	0.18%	0.052%
46	5.585	5.558	5.615	PV	69	1229	0.02%	0.006%
47	5.648	5.615	5.669	PV	160	2958	0.05%	0.014%
48	5.696	5.669	5.808	VV	651	20409	0.33%	0.097%
49	5.830	5.808	5.851	VV	146	3064	0.05%	0.015%
50	5.861	5.851	5.915	VV	380	4332	0.07%	0.021%
51	5.941	5.915	5.977	VV	122	3572	0.06%	0.017%
52	6.022	5.977	6.148	VV	178	9237	0.15%	0.044%
53	6.162	6.148	6.185	VV	108	2302	0.04%	0.011%
54	6.227	6.185	6.264	VV	261	7591	0.12%	0.036%
55	6.287	6.264	6.311	VV	134	3628	0.06%	0.017%
56	6.328	6.311	6.367	VV	189	4603	0.07%	0.022%
57	6.393	6.367	6.468	VV	248	10813	0.17%	0.052%
58	6.474	6.468	6.494	VV	215	2692	0.04%	0.013%
59	6.524	6.494	6.654	VV	602	21599	0.35%	0.103%
60	6.681	6.654	6.721	VV	222	6193	0.10%	0.030%
61	6.772	6.721	7.058	VV	533	28134	0.46%	0.134%
62	7.084	7.058	7.148	PV	136	2835	0.05%	0.014%
63	7.183	7.148	7.196	VV	122	2332	0.04%	0.011%
64	7.226	7.196	7.290	VV	206	6279	0.10%	0.030%
65	7.362	7.290	7.451	VV	667	20486	0.33%	0.098%
66	7.467	7.451	7.482	VV	123	2105	0.03%	0.010%
67	7.635	7.482	7.724	VV	353	21268	0.34%	0.102%
68	7.755	7.724	7.871	VV	141	5455	0.09%	0.026%
69	7.917	7.871	8.010	PV	747	13003	0.21%	0.062%
70	8.088	8.010	8.124	VV	1368	26629	0.43%	0.127%
71	8.139	8.124	8.235	VV	223	9964	0.16%	0.048%
72	8.256	8.235	8.280	VV	166	2726	0.04%	0.013%
73	8.337	8.280	8.355	VV	311	6460	0.10%	0.031%
74	8.412	8.355	8.461	VV	522	18137	0.29%	0.087%
75	8.484	8.461	8.503	VV	1140	17625	0.29%	0.084%
76	8.519	8.503	8.602	VV	868	20922	0.34%	0.100%
77	8.659	8.602	8.798	VV	244	16646	0.27%	0.079%
78	8.883	8.798	8.905	PV	156	5953	0.10%	0.028%
79	8.998	8.905	9.038	VV	598	22880	0.37%	0.109%
80	9.058	9.038	9.097	VV	494	10765	0.17%	0.051%
81	9.132	9.097	9.181	VV	260	8213	0.13%	0.039%
82	9.263	9.181	9.318	VV	670	21299	0.34%	0.102%
83	9.350	9.318	9.508	VV	1071	32569	0.53%	0.156%
84	9.531	9.508	9.664	VV	227	7906	0.13%	0.038%
85	9.731	9.664	9.761	PV	417	7705	0.12%	0.037%
86	9.807	9.761	9.844	VV	205	7805	0.13%	0.037%
87	9.884	9.844	9.944	VV	222	8559	0.14%	0.041%
88	9.998	9.944	10.108	VV	26907	372176	6.02%	1.777%
89	10.132	10.108	10.221	VV	2072	42309	0.68%	0.202%

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90	10.236	10.221	10.261	VV	448	7131	0.12%	0.034%
91	10.281	10.261	10.396	VV	234	8641	0.14%	0.041%
92	10.475	10.396	10.499	PV	942	17297	0.28%	0.083%
93	10.522	10.499	10.548	VV	707	13672	0.22%	0.065%
94	10.574	10.548	10.638	VV	410	17314	0.28%	0.083%
95	10.666	10.638	10.700	VV	249	7172	0.12%	0.034%
96	10.801	10.700	10.844	VV	1166	35788	0.58%	0.171%
97	10.875	10.844	10.921	VV	1900	34096	0.55%	0.163%
98	10.946	10.921	10.991	VV	918	21348	0.35%	0.102%
99	11.008	10.991	11.074	VV	348	10171	0.16%	0.049%
100	11.095	11.074	11.124	VV	270	5799	0.09%	0.028%
101	11.133	11.124	11.170	VV	200	3757	0.06%	0.018%
102	11.212	11.170	11.234	PV	403	9096	0.15%	0.043%
103	11.272	11.234	11.318	VV	434	14537	0.24%	0.069%
104	11.327	11.318	11.418	VV	289	10376	0.17%	0.050%
105	11.442	11.418	11.463	VV	224	3745	0.06%	0.018%
106	11.512	11.463	11.534	VV	1055	15589	0.25%	0.074%
107	11.581	11.534	11.631	VV	1892	36117	0.58%	0.172%
108	11.664	11.631	11.714	VV	1016	21496	0.35%	0.103%
109	11.739	11.714	11.757	VV	414	5330	0.09%	0.025%
110	11.774	11.757	11.798	VV	327	3806	0.06%	0.018%
111	11.898	11.798	11.987	PV	545475	6180042	100.00%	29.509%
112	12.032	11.987	12.114	VV	769	33549	0.54%	0.160%
113	12.131	12.114	12.168	VV	360	5514	0.09%	0.026%
114	12.190	12.168	12.218	VV	441	8235	0.13%	0.039%
115	12.252	12.218	12.289	VV	1666	29859	0.48%	0.143%
116	12.343	12.289	12.440	VV	698	18583	0.30%	0.089%
117	12.535	12.440	12.554	VV	450	17139	0.28%	0.082%
118	12.613	12.554	12.684	VV	759	35979	0.58%	0.172%
119	12.709	12.684	12.764	VV	607	18937	0.31%	0.090%
120	12.830	12.764	12.864	VV	764	23911	0.39%	0.114%
121	12.895	12.864	12.934	VV	2134	35942	0.58%	0.172%
122	12.967	12.934	13.078	VV	1650	46161	0.75%	0.220%
123	13.157	13.078	13.190	VV	520	19687	0.32%	0.094%
124	13.257	13.190	13.278	VV	778	20230	0.33%	0.097%
125	13.343	13.278	13.434	VV	381771	4693615	75.95%	22.412%
126	13.454	13.434	13.488	VV	1336	29728	0.48%	0.142%
127	13.511	13.488	13.603	VV	1958	61250	0.99%	0.292%
128	13.633	13.603	13.663	VV	433	15518	0.25%	0.074%
129	13.689	13.663	13.764	VV	478	24779	0.40%	0.118%
130	13.776	13.764	13.821	VV	416	11692	0.19%	0.056%
131	13.853	13.821	13.891	VV	446	14572	0.24%	0.070%
132	13.950	13.891	13.988	VV	585	24817	0.40%	0.118%
133	14.048	13.988	14.074	VV	2102	41177	0.67%	0.197%
134	14.097	14.074	14.164	VV	1978	40476	0.65%	0.193%
135	14.187	14.164	14.227	VV	303	9237	0.15%	0.044%
136	14.253	14.227	14.281	VV	169	5546	0.09%	0.026%
137	14.319	14.281	14.340	VV	411	9424	0.15%	0.045%
138	14.362	14.340	14.430	VV	384	12505	0.20%	0.060%
139	14.533	14.430	14.594	VV	1346	53673	0.87%	0.256%
140	14.608	14.594	14.633	VV	492	9134	0.15%	0.044%
141	14.661	14.633	14.704	VV	1218	24360	0.39%	0.116%

rteres

142	14.722	14.704	14.843	VV	573	23452	0.38%	0.112%
143	14.910	14.843	14.931	VV	216	8440	0.14%	0.040%
144	14.952	14.931	14.994	VV	259	6380	0.10%	0.030%
145	15.048	14.994	15.078	VV	349	10940	0.18%	0.052%
146	15.093	15.078	15.121	VV	312	6441	0.10%	0.031%
147	15.167	15.121	15.226	VV	1364	53167	0.86%	0.254%
148	15.249	15.226	15.364	VV	1321	30266	0.49%	0.145%
149	15.396	15.364	15.444	PV	529	8373	0.14%	0.040%
150	15.594	15.444	15.708	PV	11761	369199	5.97%	1.763%
151	15.729	15.708	15.762	VV	1824	45200	0.73%	0.216%
152	15.793	15.762	15.934	VV	6070	115556	1.87%	0.552%
153	15.984	15.934	16.008	VV	190	6989	0.11%	0.033%
154	16.040	16.008	16.068	VV	172	4812	0.08%	0.023%
155	16.139	16.068	16.161	VV	427	14700	0.24%	0.070%
156	16.227	16.161	16.262	VV	1235	29716	0.48%	0.142%
157	16.292	16.262	16.338	VV	964	18236	0.30%	0.087%
158	16.358	16.338	16.380	VV	158	3737	0.06%	0.018%
159	16.428	16.380	16.451	PV	110	4042	0.07%	0.019%
160	16.613	16.451	16.641	PV	4636	32669	0.53%	0.156%
161	16.710	16.641	16.755	VV	1880	59730	0.97%	0.285%
162	16.789	16.755	16.824	VV	1536	26321	0.43%	0.126%
163	16.874	16.824	16.914	VV	261	7605	0.12%	0.036%
164	16.941	16.914	16.958	VV	135	2501	0.04%	0.012%
165	17.095	16.958	17.114	PV	391	14338	0.23%	0.068%
166	17.178	17.114	17.202	VV	3141	57984	0.94%	0.277%
167	17.225	17.202	17.321	VV	2214	53410	0.86%	0.255%
168	17.333	17.321	17.354	VV	248	3063	0.05%	0.015%
169	17.413	17.354	17.434	VV	241	8405	0.14%	0.040%
170	17.515	17.434	17.534	PV	875	12432	0.20%	0.059%
171	17.629	17.534	17.688	VV	4034	82973	1.34%	0.396%
172	17.720	17.688	17.781	VV	486	15375	0.25%	0.073%
173	17.794	17.781	17.814	VV	133	1852	0.03%	0.009%
174	17.899	17.814	17.915	PV	127	3571	0.06%	0.017%
175	18.029	17.915	18.048	PV	1734	34541	0.56%	0.165%
176	18.068	18.048	18.104	VV	3777	59685	0.97%	0.285%
177	18.162	18.104	18.191	VV	1625	35938	0.58%	0.172%
178	18.212	18.191	18.261	VV	945	26250	0.42%	0.125%
179	18.296	18.261	18.331	VV	1458	26512	0.43%	0.127%
180	18.389	18.331	18.411	VV	2625	44904	0.73%	0.214%
181	18.446	18.411	18.464	VV	3073	69878	1.13%	0.334%
182	18.492	18.464	18.668	VV	5498	178451	2.89%	0.852%
183	18.725	18.668	18.744	VV	462	14849	0.24%	0.071%
184	18.786	18.744	18.821	VV	520	14193	0.23%	0.068%
185	18.902	18.821	18.948	PV	4193	76061	1.23%	0.363%
186	19.008	18.948	19.034	VV	1114	29443	0.48%	0.141%
187	19.063	19.034	19.124	VV	973	34129	0.55%	0.163%
188	19.302	19.124	19.364	VV	4096	155834	2.52%	0.744%
189	19.456	19.364	19.478	VV	1074	69789	1.13%	0.333%
190	19.559	19.478	19.574	VV	958	52016	0.84%	0.248%
191	19.690	19.574	19.725	VV	3051	103441	1.67%	0.494%
192	19.801	19.725	19.834	VV	1934	90364	1.46%	0.431%
193	20.060	19.834	20.104	VV	4492	313219	5.07%	1.496%
194	20.433	20.104	20.464	VV	4778	583266	9.44%	2.785%

rteres

195	20.594	20.464	20.614	VV	4952	377328	6.11%	1.802%
196	20.793	20.614	20.831	VV	6693	701847	11.36%	3.351%
197	21.173	20.831	21.234	VV	6067	1371872	22.20%	6.551%
198	21.481	21.234	21.548	VV	4668	895450	14.49%	4.276%
199	21.601	21.548	21.637	VV	4238	217095	3.51%	1.037%
200	21.829	21.637	21.846	VV	3884	489667	7.92%	2.338%
201	21.863	21.846	21.948	VV	3662	204339	3.31%	0.976%
202	21.966	21.948	22.031	VV	2925	134223	2.17%	0.641%
203	22.169	22.031	22.183	VV	2172	210157	3.40%	1.003%
204	22.235	22.183	22.328	VV	1925	144151	2.33%	0.688%
205	22.435	22.328	22.510	VV	809	87738	1.42%	0.419%
206	22.526	22.510	22.538	VV	206	2212	0.04%	0.011%

Sum of corrected areas: 20942860

Aliphatic EPH 032925.M Tue Apr 01 02:31:42 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053071.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 15:01
Operator : YP\AJ
Sample : PB167382BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB167382BL

Integration File: autoint1.e
Quant Time: Apr 01 01:39:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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)	11.901	6391951	39.243 ug/ml
Spiked Amount 50.000		Recovery =	78.49%
12) S 1-chlorooctadecane (S...	13.346	4638531	38.640 ug/ml
Spiked Amount 50.000		Recovery =	77.28%
Target Compounds			

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

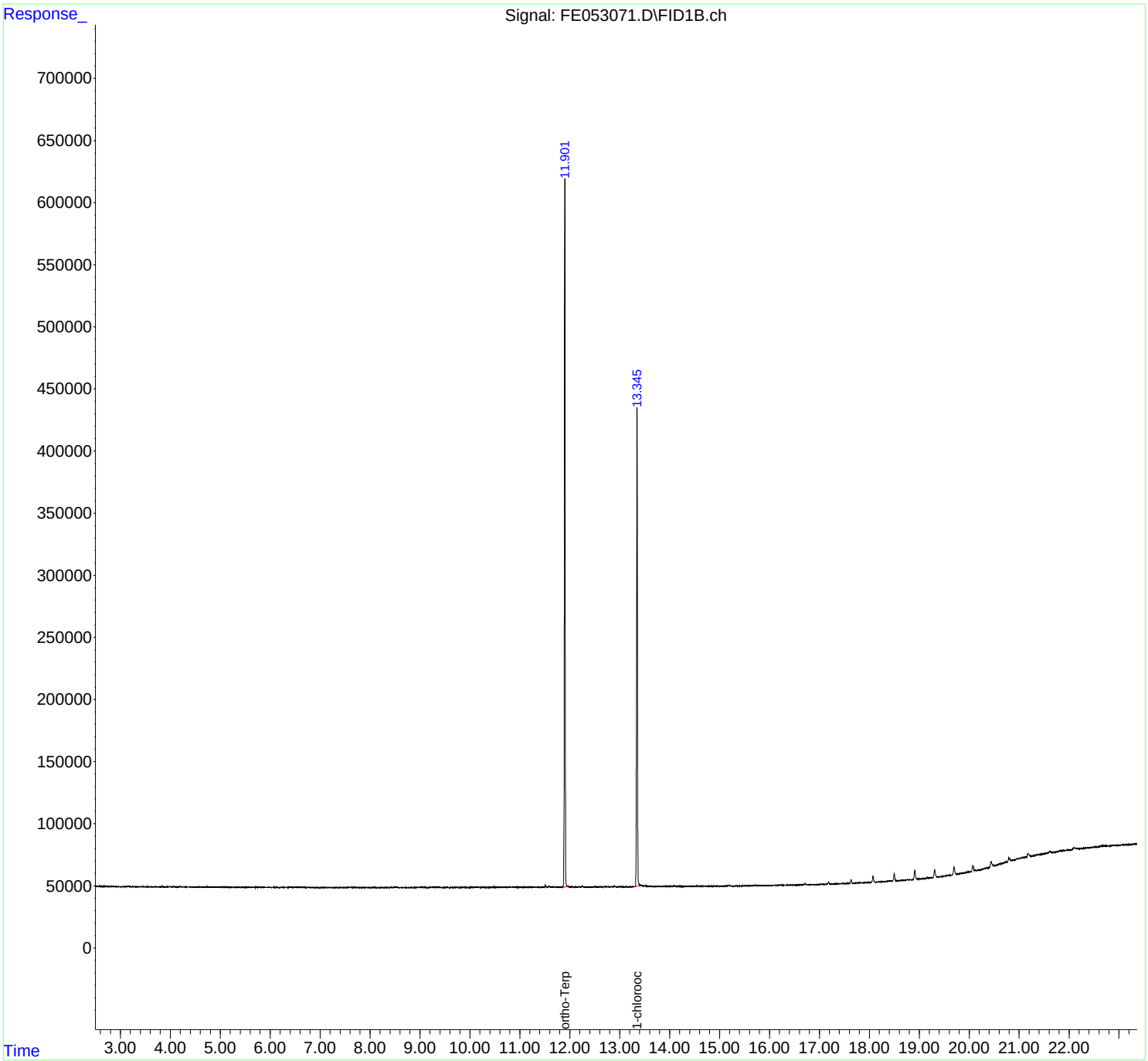
Sample Results: **FE053071.D**

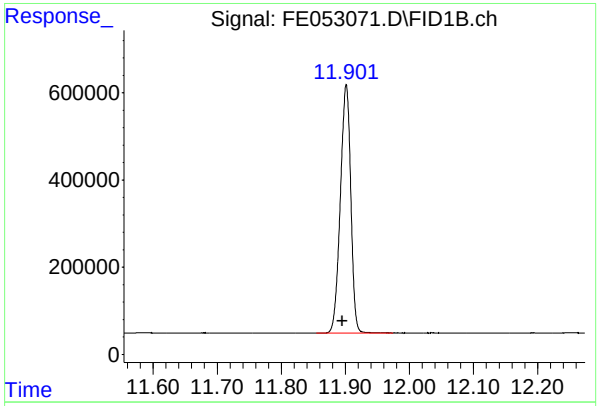
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053071.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 15:01
Operator : YP\AJ
Sample : PB167382BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB167382BL

Integration File: autoint1.e
Quant Time: Apr 01 01:39:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

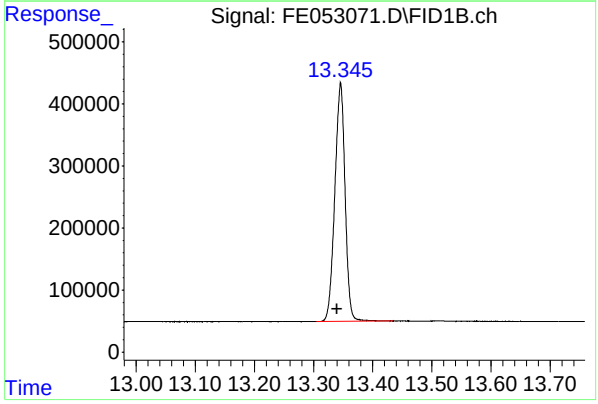




#9 ortho-Terphenyl (SURR)

R.T.: 11.901 min
Delta R.T.: 0.006 min
Response: 6391951
Conc: 39.24 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167382BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.346 min
Delta R.T.: 0.006 min
Response: 4638531
Conc: 38.64 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053071.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 15:01
Sample : PB167382BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	11.901	11.854	11.974	BB	569988	6391951	100.00%	57.948%
2	13.346	13.304	13.434	BB	378692	4638531	72.57%	42.052%
			Sum of corrected areas:			11030482		

Aliphatic EPH 032925.M Tue Apr 01 02:18:06 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053072.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 15:31
Operator : YP\AJ
Sample : PB167382BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB167382BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/01/2025
Supervised By :mohammad ahmed 04/02/2025

Integration File: autoint1.e
Quant Time: Apr 01 01:39:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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)	11.900	6480100	39.784 ug/ml
	Spiked Amount 50.000		Recovery =	79.57%
12)	S 1-chlorooctadecane (S...	13.345	4851572	40.415 ug/ml
	Spiked Amount 50.000		Recovery =	80.83%
	Target Compounds			
1)	T n-Nonane (C9)	3.263	6375407	41.174 ug/ml
2)	T n-Decane (C10)	4.514	6629976	42.267 ug/ml
3)	T A~Naphthalene (C11.7)	6.219	6980127	41.551 ug/ml
4)	T n-Dodecane (C12)	6.686	6646865	42.499 ug/ml
5)	T A~2-methylnaphthalene...	7.320	6197820	38.843 ug/ml
6)	T n-Tetradecane (C14)	8.523	6445999	42.099 ug/ml
7)	T n-Hexadecane (C16)	10.136	6378774	41.381 ug/ml
8)	T n-Octadecane (C18)	11.585	6170601	40.686 ug/ml
10)	T n-Eicosane (C20)	12.899	6186452	43.391 ug/ml
11)	T n-Heneicosane (C21)	13.513	5879319	42.367 ug/ml
13)	T n-Docosane (C22)	14.102	5796376	42.323 ug/ml
14)	T n-Tetracosane (C24)	15.198	12165576	90.076 ug/ml
15)	T n-Hexacosane (C26)	16.233	5671138	42.510 ug/ml
16)	T n-Octacosane (C28)	17.185	6021781	45.631 ug/ml
17)	T n-Tricontane (C30)	18.077	5791170	42.727 ug/ml
18)	T n-Dotriacontane (C32)	18.910	5678080	42.196 ug/mlm
19)	T n-Tetratriacontane (C34)	19.698	5619862	43.431 ug/ml
20)	T n-Hexatriacontane (C36)	20.439	5140386	43.273 ug/ml
21)	T n-Octatriacontane (C38)	21.180	4626671	40.254 ug/ml
22)	T n-Tetracontane (C40)	22.098	3942858	35.106 ug/ml

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

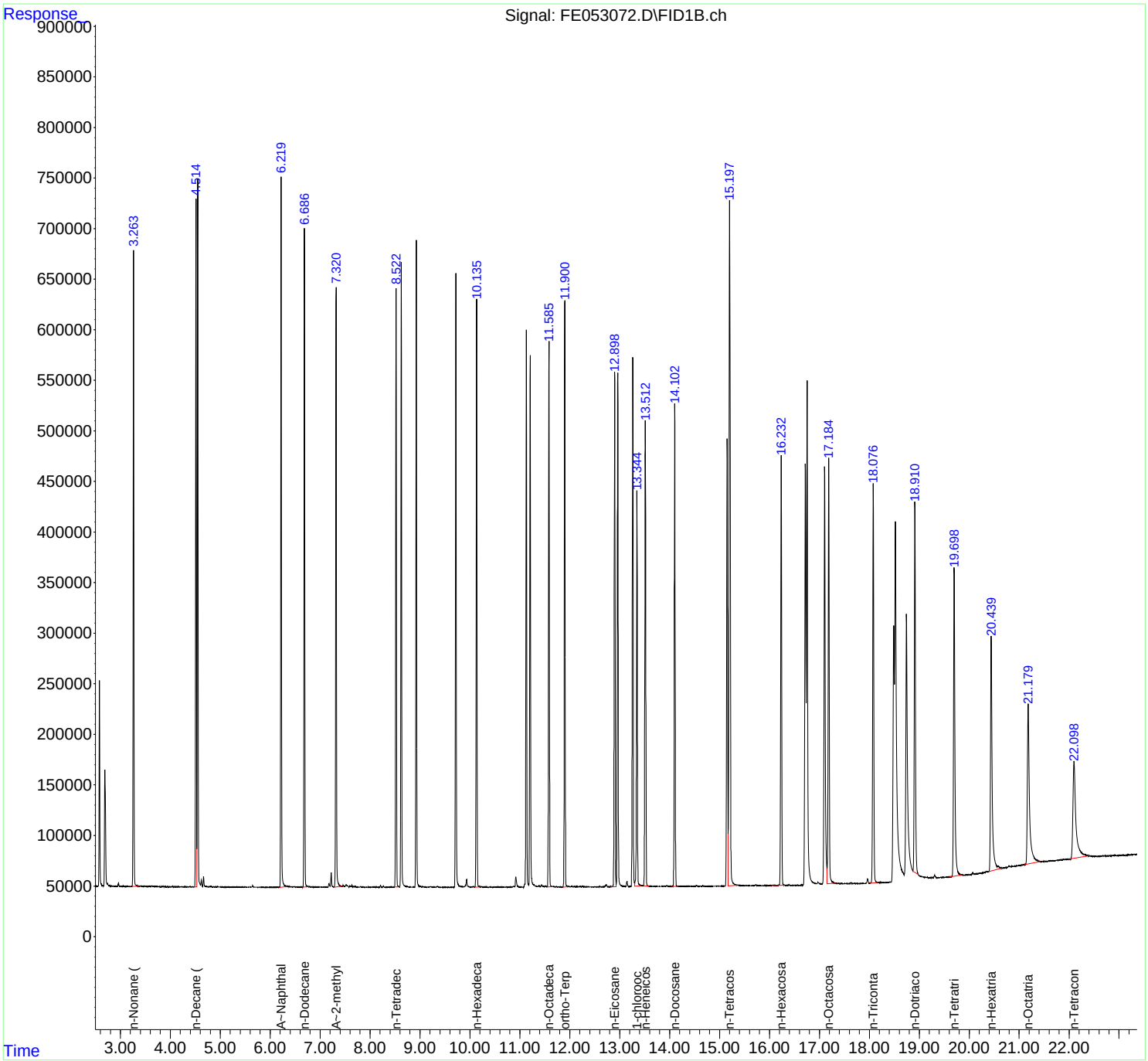
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053072.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 15:31
Operator : YP\AJ
Sample : PB167382BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB167382BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/01/2025
Supervised By :mohammad ahmed 04/02/2025

Integration File: autoint1.e
Quant Time: Apr 01 01:39:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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 :
PB167382BS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/01/2025
Supervised By :mohammad ahmed 04/02/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE03312
Data File : FE053072.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 15:31
Sample : PB167382BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	3.263	3.228	3.364	BB	629008	6375407	52.41%	2.762%
2	4.514	4.471	4.531	BV	681594	6629976	54.50%	2.872%
3	4.549	4.531	4.603	VV	698075	7067749	58.10%	3.061%
4	6.219	6.188	6.341	BB	690558	6980127	57.38%	3.023%
5	6.686	6.644	6.768	BB	650892	6646865	54.64%	2.879%
6	7.320	7.281	7.438	PV	593366	6197820	50.95%	2.685%
7	8.523	8.484	8.594	BV	584345	6445999	52.99%	2.792%
8	8.627	8.594	8.734	VB	621190	6535845	53.72%	2.831%
9	8.928	8.888	9.021	BB	639390	6594428	54.21%	2.856%
10	9.720	9.681	9.848	BB	610261	6495919	53.40%	2.814%
11	10.136	10.091	10.211	BB	579941	6378774	52.43%	2.763%
12	11.132	11.071	11.178	BV	547296	6092703	50.08%	2.639%
13	11.209	11.178	11.338	VB	524028	6072457	49.92%	2.630%
14	11.585	11.544	11.661	BB	536514	6170601	50.72%	2.673%
15	11.900	11.854	11.971	BB	579293	6480100	53.27%	2.807%
16	12.899	12.814	12.929	BV	503753	6186452	50.85%	2.680%
17	12.961	12.929	13.081	VB	508098	6084751	50.02%	2.636%
18	13.261	13.204	13.299	BV	522530	5955194	48.95%	2.580%
19	13.345	13.299	13.434	VB	390836	4851572	39.88%	2.101%
20	13.513	13.474	13.591	BB	459012	5879319	48.33%	2.547%
21	14.102	14.024	14.171	BB	473959	5796376	47.65%	2.511%
22	15.150	15.104	15.171	BV	443361	5995862	49.29%	2.597%
23	15.198	15.171	15.358	VB	675213	12165576	100.00%	5.270%
24	16.233	16.034	16.301	BB	421252	5671138	46.62%	2.456%
25	16.717	16.654	16.733	BV	415237	6240887	51.30%	2.703%
26	16.752	16.733	16.944	VB	494507	7431957	61.09%	3.219%
27	17.103	17.044	17.151	BV	414700	6429595	52.85%	2.785%
28	17.185	17.151	17.331	VB	420110	6021781	49.50%	2.608%
29	18.077	18.014	18.181	BB	395135	5791170	47.60%	2.508%
30	18.486	18.401	18.500	BV	250079	4091903	33.64%	1.772%
31	18.520	18.500	18.696	VV	353244	8657517	71.16%	3.750%
32	18.742	18.696	18.851	PBA	255495	5570575	45.79%	2.413%
33	18.911	18.851	19.064	BB	364758	5547231	45.60%	2.403%
34	19.698	19.601	19.858	BB	305302	5619862	46.19%	2.434%
35	20.439	20.371	20.651	BB	232169	5140386	42.25%	2.227%
36	21.180	21.101	21.431	BB	158042	4626671	38.03%	2.004%

Instrument :
FID_E
ClientSampleId :
PB167382BS

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                                        rteres
  37 22.098  21.981  22.394  BB    95945    3942858  32.41%  1.708%
                       Sum of corrected areas:    2308

Aliphatic EPH 032925.M Tue Apr 01 02:18:35 2025
```

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/01/2025
Supervised By :mohammad ahmed 04/02/2025

A B C D E F G H I J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053073.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 16:01
Operator : YP\AJ
Sample : PB167382BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB167382BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/01/2025
Supervised By :mohammad ahmed 04/02/2025

Integration File: autoint1.e
Quant Time: Apr 01 01:39:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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)	11.901	6298065	38.666 ug/ml
Spiked Amount	50.000		Recovery =	77.33%
12) S	1-chlorooctadecane (S...	13.345	4727254	39.379 ug/ml
Spiked Amount	50.000		Recovery =	78.76%
	Target Compounds			
1) T	n-Nonane (C9)	3.263	6228981	40.229 ug/ml
2) T	n-Decane (C10)	4.514	6478998	41.305 ug/ml
3) T	A~Naphthalene (C11.7)	6.219	6838658	40.709 ug/ml
4) T	n-Dodecane (C12)	6.686	6489384	41.493 ug/ml
5) T	A~2-methylnaphthalene...	7.320	6072506	38.058 ug/ml
6) T	n-Tetradecane (C14)	8.523	6295505	41.116 ug/ml
7) T	n-Hexadecane (C16)	10.136	6230564	40.420 ug/ml
8) T	n-Octadecane (C18)	11.585	6031794	39.770 ug/ml
10) T	n-Eicosane (C20)	12.900	6059965	42.503 ug/ml
11) T	n-Heneicosane (C21)	13.513	5769926	41.579 ug/ml
13) T	n-Docosane (C22)	14.101	5689962	41.546 ug/ml
14) T	n-Tetracosane (C24)	15.198	11989122	88.770 ug/ml
15) T	n-Hexacosane (C26)	16.234	5584308	41.859 ug/ml
16) T	n-Octacosane (C28)	17.184	5917434	44.840 ug/ml
17) T	n-Tricontane (C30)	18.076	5708218	42.115 ug/ml
18) T	n-Dotriacontane (C32)	18.910	5617482	41.746 ug/mlm
19) T	n-Tetratriacontane (C34)	19.697	5592485	43.220 ug/ml
20) T	n-Hexatriacontane (C36)	20.440	4892528	41.186 ug/ml
21) T	n-Octatriacontane (C38)	21.180	4653279	40.486 ug/ml
22) T	n-Tetracontane (C40)	22.100	4102110	36.524 ug/ml

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

Sample Results: **FE053073.D**

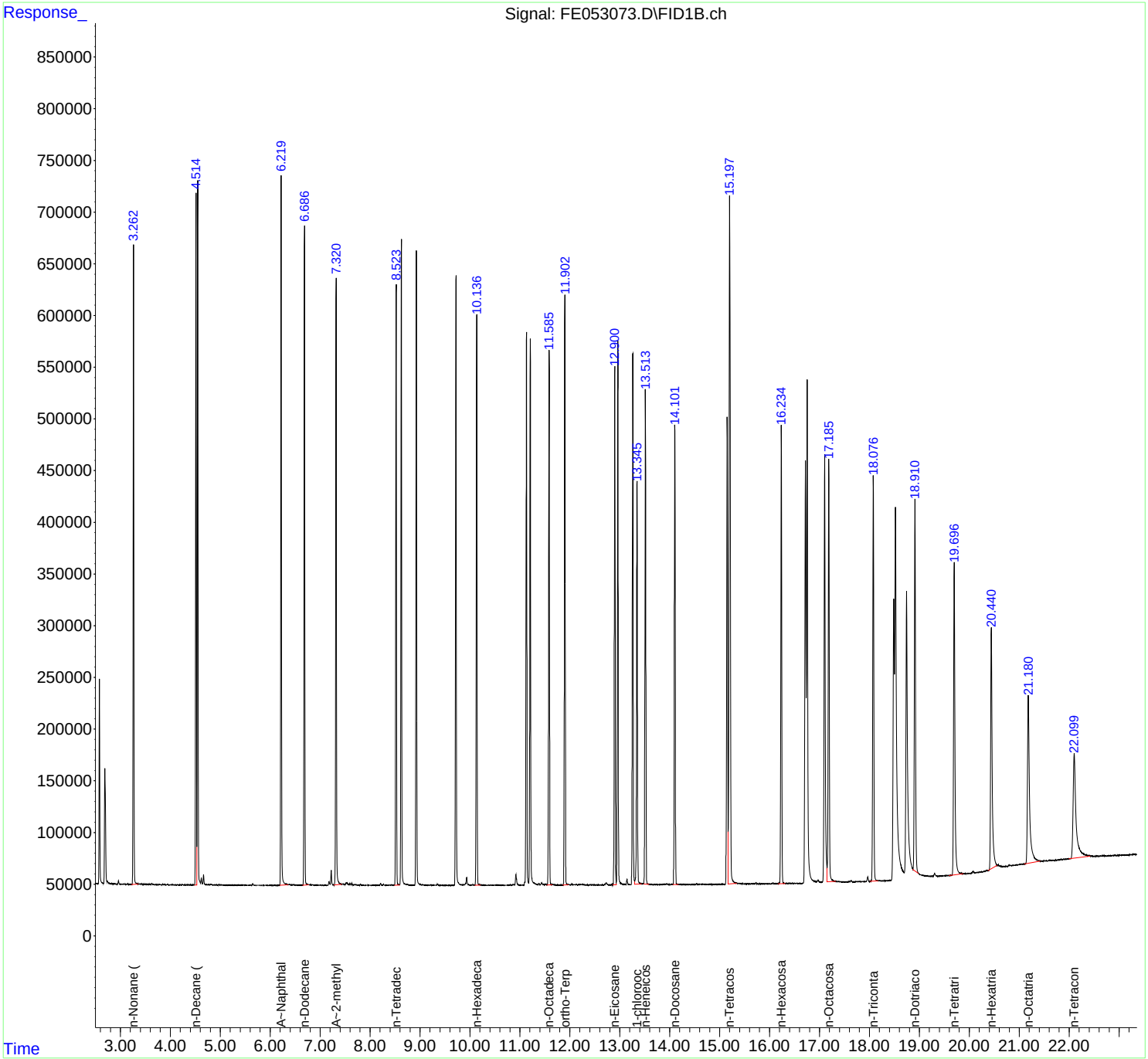
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053073.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 16:01
Operator : YP\AJ
Sample : PB167382BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB167382BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/01/2025
Supervised By :mohammad ahmed 04/02/2025

Integration File: autoint1.e
Quant Time: Apr 01 01:39:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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 :
PB167382BSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/01/2025
Supervised By :mohammad ahmed 04/02/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE03312
Data File : FE053073.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 16:01
Sample : PB167382BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	3.263	3.221	3.361	BB	613260	6228981	51.96%	2.736%
2	4.514	4.478	4.531	BV	667747	6478998	54.04%	2.846%
3	4.548	4.531	4.603	VV	680603	6902995	57.58%	3.032%
4	6.219	6.188	6.361	BB	679584	6838658	57.04%	3.004%
5	6.686	6.645	6.771	BB	634178	6489384	54.13%	2.850%
6	7.320	7.275	7.438	PV	584737	6072506	50.65%	2.667%
7	8.523	8.485	8.591	BV	577035	6295505	52.51%	2.765%
8	8.627	8.591	8.738	VB	628752	6416191	53.52%	2.818%
9	8.928	8.885	9.028	BB	613250	6472374	53.99%	2.843%
10	9.721	9.678	9.831	BB	589460	6376465	53.19%	2.801%
11	10.136	10.095	10.215	BB	558165	6230564	51.97%	2.737%
12	11.133	11.065	11.178	BV	534533	5998346	50.03%	2.635%
13	11.209	11.178	11.328	VB	523610	5977081	49.85%	2.625%
14	11.585	11.541	11.651	BB	515976	6031794	50.31%	2.649%
15	11.901	11.861	11.975	BB	571021	6298065	52.53%	2.766%
16	12.900	12.859	12.929	PV	506322	6059965	50.55%	2.662%
17	12.961	12.929	13.071	VB	522244	5989589	49.96%	2.631%
18	13.261	13.215	13.299	BV	515654	5866917	48.94%	2.577%
19	13.345	13.299	13.441	VB	385181	4727254	39.43%	2.076%
20	13.513	13.475	13.588	BB	476369	5769926	48.13%	2.534%
21	14.101	14.061	14.178	BB	445395	5689962	47.46%	2.499%
22	15.150	15.108	15.171	BV	453420	5933871	49.49%	2.606%
23	15.198	15.171	15.345	VB	661714	11989122	100.00%	5.266%
24	16.234	16.161	16.315	BB	442892	5584308	46.58%	2.453%
25	16.717	16.645	16.733	BV	409181	6159928	51.38%	2.706%
26	16.752	16.733	16.945	VV	483762	7310772	60.98%	3.211%
27	17.102	17.041	17.151	BV	412940	6355463	53.01%	2.791%
28	17.184	17.151	17.325	VB	408906	5917434	49.36%	2.599%
29	18.076	18.005	18.175	BB	393373	5708218	47.61%	2.507%
30	18.485	18.425	18.500	BV	270286	4365993	36.42%	1.918%
31	18.520	18.500	18.695	VV	357970	8628232	71.97%	3.790%
32	18.742	18.695	18.851	PBA	270285	5810850	48.47%	2.552%
33	18.910	18.851	19.075	BB	357709	5462730	45.56%	2.399%
34	19.697	19.591	19.881	BB	302080	5592485	46.65%	2.456%
35	20.440	20.371	20.558	BV	233389	4892528	40.81%	2.149%
36	21.180	21.101	21.421	BB	162163	4653279	38.81%	2.044%

Instrument :
FID_E
ClientSampleId :
PB167382BSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/01/2025
Supervised By :mohammad ahmed 04/02/2025

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                                        rteres
  37 22.100  21.991  22.421  BB   101218   4102110  34.22%  1.802%
                      Sum of corrected areas:   2276

Aliphatic EPH 032925.M Tue Apr 01 02:19:11 2025
```

Quantitation Report (QT Reviewed)

Sample Results: **FE053076.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053076.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 17:33
Operator : YP\AJ
Sample : Q1675-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
P2MS

Integration File: autoint1.e
Quant Time: Apr 01 01:41:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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)	11.900	5216005	32.023 ug/ml
	Spiked Amount 50.000		Recovery = 64.05%	
12)	S 1-chlorooctadecane (S...	13.344	3940136	32.822 ug/ml
	Spiked Amount 50.000		Recovery = 65.64%	
	Target Compounds			
1)	T n-Nonane (C9)	3.260	6011893	38.827 ug/ml
2)	T n-Decane (C10)	4.513	6124376	39.044 ug/ml
3)	T A~Naphthalene (C11.7)	6.219	6416193	38.194 ug/ml
4)	T n-Dodecane (C12)	6.686	6056818	38.727 ug/ml
5)	T A~2-methylnaphthalene...	7.320	5702269	35.737 ug/ml
6)	T n-Tetradecane (C14)	8.522	5850019	38.206 ug/ml
7)	T n-Hexadecane (C16)	10.135	5773166	37.452 ug/ml
8)	T n-Octadecane (C18)	11.584	5604127	36.950 ug/ml
10)	T n-Eicosane (C20)	12.899	5661653	39.710 ug/ml
11)	T n-Heneicosane (C21)	13.513	5407764	38.969 ug/ml
13)	T n-Docosane (C22)	14.102	5356564	39.112 ug/ml
14)	T n-Tetracosane (C24)	15.196	11293991	83.623 ug/ml
15)	T n-Hexacosane (C26)	16.233	5280024	39.578 ug/ml
16)	T n-Octacosane (C28)	17.183	5583384	42.309 ug/ml
17)	T n-Tricontane (C30)	18.075	5412317	39.931 ug/ml
18)	T n-Dotriacontane (C32)	18.909	5317857	39.519 ug/ml
19)	T n-Tetratriacontane (C34)	19.695	5545955	42.860 ug/ml
20)	T n-Hexatriacontane (C36)	20.438	5414932	45.584 ug/ml
21)	T n-Octatriacontane (C38)	21.179	5636819	49.043 ug/ml
22)	T n-Tetracontane (C40)	22.097	5464869	48.657 ug/ml

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

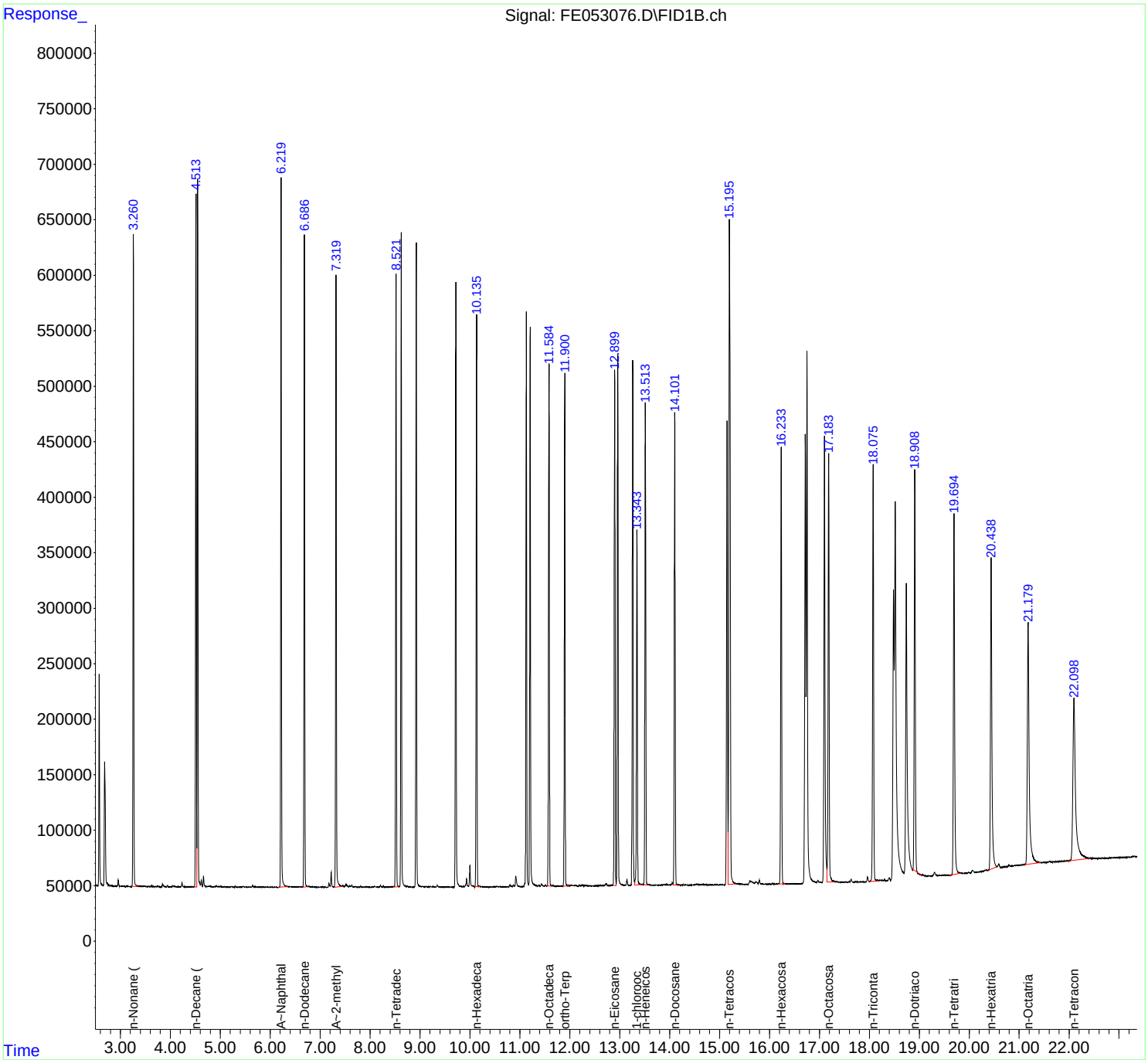
Sample Results: **FE053076.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053076.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 17:33
Operator : YP\AJ
Sample : Q1675-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
P2MS

Integration File: autoint1.e
Quant Time: Apr 01 01:41:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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_E\Data\FE033125AL\
Data File : FE053076.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 17:33
Sample : Q1675-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	2.901	2.835	2.928	BV	318	2566	0.02%	0.001%
2	2.958	2.928	3.017	PV	5710	61604	0.54%	0.027%
3	3.044	3.017	3.104	VV	354	8549	0.08%	0.004%
4	3.129	3.104	3.160	PV	304	4689	0.04%	0.002%
5	3.183	3.160	3.211	PV	94	911	0.01%	0.000%
6	3.260	3.211	3.388	PV	588776	6032696	53.08%	2.685%
7	3.402	3.388	3.455	VV	543	12532	0.11%	0.006%
8	3.469	3.455	3.488	VV	303	4788	0.04%	0.002%
9	3.503	3.488	3.528	VV	349	4263	0.04%	0.002%
10	3.539	3.528	3.553	VV	234	2198	0.02%	0.001%
11	3.571	3.553	3.585	VV	370	4352	0.04%	0.002%
12	3.590	3.585	3.606	VV	300	3583	0.03%	0.002%
13	3.627	3.606	3.673	VV	771	15028	0.13%	0.007%
14	3.706	3.673	3.723	VV	227	3855	0.03%	0.002%
15	3.745	3.723	3.818	VV	531	9130	0.08%	0.004%
16	3.844	3.818	3.859	VV	2646	29214	0.26%	0.013%
17	3.867	3.859	3.920	VV	1332	17003	0.15%	0.008%
18	3.942	3.920	4.001	VV	1393	16887	0.15%	0.008%
19	4.049	4.001	4.142	PV	1202	31479	0.28%	0.014%
20	4.158	4.142	4.208	VV	274	6887	0.06%	0.003%
21	4.235	4.208	4.273	VV	3993	45869	0.40%	0.020%
22	4.281	4.273	4.348	VV	261	7886	0.07%	0.004%
23	4.363	4.348	4.438	VV	156	6247	0.05%	0.003%
24	4.453	4.438	4.477	VV	170	2704	0.02%	0.001%
25	4.513	4.477	4.530	VV	625799	6127591	53.92%	2.727%
26	4.547	4.530	4.602	VV	638482	6498422	57.18%	2.892%
27	4.620	4.602	4.644	VV	6314	80286	0.71%	0.036%
28	4.665	4.644	4.756	VV	9966	138335	1.22%	0.062%
29	4.764	4.756	4.773	VV	605	5743	0.05%	0.003%
30	4.794	4.773	4.860	VV	901	27966	0.25%	0.012%
31	4.900	4.860	4.912	VV	653	13312	0.12%	0.006%
32	4.929	4.912	4.950	VV	944	13525	0.12%	0.006%
33	4.971	4.950	4.993	VV	661	11238	0.10%	0.005%
34	5.012	4.993	5.042	VV	765	12782	0.11%	0.006%
35	5.055	5.042	5.065	VV	166	2152	0.02%	0.001%
36	5.092	5.065	5.145	VV	434	8553	0.08%	0.004%

rteres

37	5.167	5.145	5.194	VV	207	4167	0.04%	0.002%
38	5.215	5.194	5.251	VV	537	10179	0.09%	0.005%
39	5.265	5.251	5.278	VV	267	2849	0.03%	0.001%
40	5.298	5.278	5.375	VV	669	11771	0.10%	0.005%
41	5.458	5.375	5.488	VV	676	13533	0.12%	0.006%
42	5.506	5.488	5.628	VV	260	8908	0.08%	0.004%
43	5.649	5.628	5.670	PV	2006	22812	0.20%	0.010%
44	5.695	5.670	5.756	VV	617	17006	0.15%	0.008%
45	5.771	5.756	5.820	VV	270	5850	0.05%	0.003%
46	5.839	5.820	5.916	VV	235	7631	0.07%	0.003%
47	5.941	5.916	5.982	VV	378	7715	0.07%	0.003%
48	5.999	5.982	6.015	VV	198	3175	0.03%	0.001%
49	6.038	6.015	6.073	VV	246	4638	0.04%	0.002%
50	6.088	6.073	6.115	VV	230	2788	0.02%	0.001%
51	6.131	6.115	6.148	VV	166	1723	0.02%	0.001%
52	6.219	6.148	6.370	PV	633814	6466083	56.90%	2.878%
53	6.391	6.370	6.457	VV	728	28174	0.25%	0.013%
54	6.476	6.457	6.485	VV	438	6759	0.06%	0.003%
55	6.523	6.485	6.565	VV	547	19778	0.17%	0.009%
56	6.572	6.565	6.595	VV	390	6118	0.05%	0.003%
57	6.604	6.595	6.645	VV	386	8354	0.07%	0.004%
58	6.686	6.645	6.756	VV	584896	6087007	53.56%	2.709%
59	6.770	6.756	6.824	VV	958	26466	0.23%	0.012%
60	6.839	6.824	6.868	VV	690	11971	0.11%	0.005%
61	6.878	6.868	6.905	VV	307	5542	0.05%	0.002%
62	6.911	6.905	6.948	VV	233	3954	0.03%	0.002%
63	6.980	6.948	6.996	VV	288	4619	0.04%	0.002%
64	7.008	6.996	7.069	VV	254	5130	0.05%	0.002%
65	7.102	7.069	7.153	PV	232	5793	0.05%	0.003%
66	7.178	7.153	7.200	VV	3502	45095	0.40%	0.020%
67	7.223	7.200	7.277	VV	13592	156878	1.38%	0.070%
68	7.320	7.277	7.438	VV	547401	5752768	50.62%	2.560%
69	7.458	7.438	7.481	VV	1773	30898	0.27%	0.014%
70	7.521	7.481	7.536	VV	2574	48930	0.43%	0.022%
71	7.544	7.536	7.581	VV	1742	28430	0.25%	0.013%
72	7.598	7.581	7.616	VV	1463	20295	0.18%	0.009%
73	7.635	7.616	7.661	VV	1994	27645	0.24%	0.012%
74	7.693	7.661	7.747	VV	695	22894	0.20%	0.010%
75	7.763	7.747	7.783	VV	233	3358	0.03%	0.001%
76	7.808	7.783	7.835	VV	862	11470	0.10%	0.005%
77	7.852	7.835	7.890	VV	251	5949	0.05%	0.003%
78	7.919	7.890	7.947	VV	556	8400	0.07%	0.004%
79	7.968	7.947	8.034	VV	209	7116	0.06%	0.003%
80	8.066	8.034	8.075	VV	539	8218	0.07%	0.004%
81	8.090	8.075	8.113	VV	990	13877	0.12%	0.006%
82	8.131	8.113	8.182	VV	363	10255	0.09%	0.005%
83	8.210	8.182	8.236	VV	1946	23895	0.21%	0.011%
84	8.267	8.236	8.311	VV	1010	16503	0.15%	0.007%
85	8.335	8.311	8.361	VV	294	5525	0.05%	0.002%
86	8.424	8.361	8.458	VV	562	21416	0.19%	0.010%
87	8.522	8.458	8.590	VV	551509	5885435	51.79%	2.619%
88	8.626	8.590	8.736	VV	583778	6078211	53.48%	2.705%
89	8.747	8.736	8.864	VV	861	29023	0.26%	0.013%

rteres

90	8.879	8.864	8.885	VV	329	3058	0.03%	0.001%
91	8.927	8.885	9.045	VV	582608	6110551	53.77%	2.720%
92	9.059	9.045	9.093	VV	862	16601	0.15%	0.007%
93	9.131	9.093	9.157	VV	744	16554	0.15%	0.007%
94	9.167	9.157	9.186	VV	391	5303	0.05%	0.002%
95	9.209	9.186	9.238	VV	739	14062	0.12%	0.006%
96	9.263	9.238	9.316	VV	630	17156	0.15%	0.008%
97	9.350	9.316	9.428	VV	1599	32864	0.29%	0.015%
98	9.440	9.428	9.458	VV	129	1557	0.01%	0.001%
99	9.498	9.458	9.511	VV	173	3387	0.03%	0.002%
100	9.533	9.511	9.561	VV	274	4774	0.04%	0.002%
101	9.569	9.561	9.575	VV	128	929	0.01%	0.000%
102	9.609	9.575	9.629	VV	267	5954	0.05%	0.003%
103	9.651	9.629	9.671	VV	280	4104	0.04%	0.002%
104	9.720	9.671	9.855	PV	547421	6040158	53.15%	2.688%
105	9.870	9.855	9.891	VV	793	13015	0.11%	0.006%
106	9.934	9.891	9.978	VV	7523	127137	1.12%	0.057%
107	10.000	9.978	10.057	VV	19314	264542	2.33%	0.118%
108	10.066	10.057	10.095	VV	1127	17550	0.15%	0.008%
109	10.135	10.095	10.219	VV	516514	5805590	51.09%	2.584%
110	10.236	10.219	10.277	VV	562	12902	0.11%	0.006%
111	10.300	10.277	10.388	VV	253	8174	0.07%	0.004%
112	10.419	10.388	10.447	PV	143	3053	0.03%	0.001%
113	10.471	10.447	10.485	VV	232	3155	0.03%	0.001%
114	10.488	10.485	10.499	VV	248	1381	0.01%	0.001%
115	10.526	10.499	10.542	VV	402	6473	0.06%	0.003%
116	10.575	10.542	10.588	VV	295	6723	0.06%	0.003%
117	10.600	10.588	10.634	VV	249	5420	0.05%	0.002%
118	10.659	10.634	10.671	VV	160	2731	0.02%	0.001%
119	10.677	10.671	10.708	VV	139	1476	0.01%	0.001%
120	10.715	10.708	10.732	PV	133	1373	0.01%	0.001%
121	10.739	10.732	10.747	VV	169	947	0.01%	0.000%
122	10.802	10.747	10.828	VV	1957	30552	0.27%	0.014%
123	10.835	10.828	10.848	VV	464	5163	0.05%	0.002%
124	10.874	10.848	10.895	VV	1398	23687	0.21%	0.011%
125	10.921	10.895	11.061	VV	9556	175500	1.54%	0.078%
126	11.131	11.061	11.174	VV	517183	5689801	50.07%	2.532%
127	11.208	11.174	11.365	VV	505036	5731028	50.43%	2.551%
128	11.384	11.365	11.411	VV	1575	24284	0.21%	0.011%
129	11.434	11.411	11.486	VV	2412	48813	0.43%	0.022%
130	11.512	11.486	11.538	VV	1258	23031	0.20%	0.010%
131	11.584	11.538	11.648	VV	471605	5635668	49.59%	2.508%
132	11.667	11.648	11.713	VV	789	20601	0.18%	0.009%
133	11.740	11.713	11.758	VV	525	8405	0.07%	0.004%
134	11.774	11.758	11.801	VV	321	6257	0.06%	0.003%
135	11.808	11.801	11.831	VV	205	3092	0.03%	0.001%
136	11.900	11.831	11.960	VV	464246	5234102	46.06%	2.330%
137	11.972	11.960	11.998	VV	741	13943	0.12%	0.006%
138	12.040	11.998	12.066	VV	1280	30293	0.27%	0.013%
139	12.088	12.066	12.105	VV	777	13682	0.12%	0.006%
140	12.117	12.105	12.166	VV	743	15297	0.13%	0.007%
141	12.194	12.166	12.221	VV	951	19198	0.17%	0.009%

rteres

142	12.254	12.221	12.291	VV	1228	28354	0.25%	0.013%
143	12.315	12.291	12.324	VV	482	8056	0.07%	0.004%
144	12.344	12.324	12.376	VV	747	13050	0.11%	0.006%
145	12.386	12.376	12.399	VV	219	2482	0.02%	0.001%
146	12.421	12.399	12.451	VV	262	5813	0.05%	0.003%
147	12.547	12.451	12.567	VV	410	16498	0.15%	0.007%
148	12.595	12.567	12.604	VV	501	7989	0.07%	0.004%
149	12.618	12.604	12.653	VV	515	11799	0.10%	0.005%
150	12.730	12.653	12.778	VV	2200	56797	0.50%	0.025%
151	12.839	12.778	12.861	VV	923	23199	0.20%	0.010%
152	12.899	12.861	12.928	VV	462594	5677234	49.96%	2.527%
153	12.960	12.928	13.080	VV	478307	5725646	50.38%	2.548%
154	13.093	13.080	13.121	VV	628	13621	0.12%	0.006%
155	13.145	13.121	13.220	VV	5574	86576	0.76%	0.039%
156	13.260	13.220	13.298	VV	475618	5569578	49.01%	2.479%
157	13.344	13.298	13.434	VV	318487	4008536	35.27%	1.784%
158	13.454	13.434	13.475	VV	1462	29483	0.26%	0.013%
159	13.513	13.475	13.635	VV	440333	5470385	48.14%	2.435%
160	13.643	13.635	13.660	VV	473	6113	0.05%	0.003%
161	13.687	13.660	13.706	VV	467	11118	0.10%	0.005%
162	13.727	13.706	13.792	VV	508	20312	0.18%	0.009%
163	13.802	13.792	13.808	VV	340	3031	0.03%	0.001%
164	13.819	13.808	13.829	VV	380	4459	0.04%	0.002%
165	13.856	13.829	13.873	VV	583	12030	0.11%	0.005%
166	13.889	13.873	13.918	VV	803	15254	0.13%	0.007%
167	13.942	13.918	13.982	VV	1192	25694	0.23%	0.011%
168	14.003	13.982	14.021	VV	439	9707	0.09%	0.004%
169	14.051	14.021	14.065	VV	2471	35835	0.32%	0.016%
170	14.102	14.065	14.211	VV	426702	5385942	47.39%	2.397%
171	14.225	14.211	14.241	VV	340	4670	0.04%	0.002%
172	14.272	14.241	14.294	VV	548	10707	0.09%	0.005%
173	14.323	14.294	14.354	VV	290	8047	0.07%	0.004%
174	14.364	14.354	14.407	VV	257	4183	0.04%	0.002%
175	14.419	14.407	14.424	VV	104	705	0.01%	0.000%
176	14.536	14.424	14.560	VV	949	26071	0.23%	0.012%
177	14.574	14.560	14.585	VV	434	5456	0.05%	0.002%
178	14.610	14.585	14.637	VV	531	12295	0.11%	0.005%
179	14.665	14.637	14.684	VV	968	15116	0.13%	0.007%
180	14.726	14.684	14.748	VV	493	14362	0.13%	0.006%
181	14.772	14.748	14.814	VV	285	8002	0.07%	0.004%
182	14.827	14.814	14.861	VV	186	3182	0.03%	0.001%
183	14.899	14.861	14.991	VV	318	12073	0.11%	0.005%
184	15.055	14.991	15.106	PV	293	7337	0.06%	0.003%
185	15.149	15.106	15.169	VV	416164	5590494	49.19%	2.488%
186	15.196	15.169	15.383	VV	597412	11364404	100.00%	5.058%
187	15.401	15.383	15.429	VV	726	15534	0.14%	0.007%
188	15.436	15.429	15.491	VV	428	12769	0.11%	0.006%
189	15.514	15.491	15.565	VV	299	8620	0.08%	0.004%
190	15.614	15.565	15.708	VV	3076	161175	1.42%	0.072%
191	15.730	15.708	15.768	VV	2325	64762	0.57%	0.029%
192	15.796	15.768	15.844	VV	3781	72721	0.64%	0.032%
193	15.854	15.844	15.884	VV	558	10418	0.09%	0.005%
194	15.900	15.884	15.957	VV	378	12215	0.11%	0.005%

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195	15.992	15.957	16.023	VV	323	8298	0.07%	0.004%
196	16.067	16.023	16.134	VV	757	19897	0.18%	0.009%
197	16.233	16.134	16.285	VV	396633	5293451	46.58%	2.356%
198	16.296	16.285	16.351	VV	592	12758	0.11%	0.006%
199	16.358	16.351	16.375	VV	218	2175	0.02%	0.001%
200	16.393	16.375	16.421	VV	391	6752	0.06%	0.003%
201	16.432	16.421	16.457	VV	170	2060	0.02%	0.001%
202	16.475	16.457	16.488	PV	106	1371	0.01%	0.001%
203	16.536	16.488	16.548	VV	106	2966	0.03%	0.001%
204	16.578	16.548	16.588	VV	146	2038	0.02%	0.001%
205	16.596	16.588	16.601	PV	157	559	0.00%	0.000%
206	16.716	16.601	16.732	VV	406005	5848784	51.47%	2.603%
207	16.750	16.732	16.942	VV	482223	6870803	60.46%	3.058%
208	16.969	16.942	17.001	VV	2429	55773	0.49%	0.025%
209	17.006	17.001	17.018	VV	1209	10951	0.10%	0.005%
210	17.033	17.018	17.055	VV	1044	20491	0.18%	0.009%
211	17.100	17.055	17.150	VV	402708	5994965	52.75%	2.668%
212	17.184	17.150	17.341	VV	387015	5697233	50.13%	2.536%
213	17.350	17.341	17.391	VV	988	24087	0.21%	0.011%
214	17.418	17.391	17.484	VV	635	25120	0.22%	0.011%
215	17.517	17.484	17.531	VV	686	12742	0.11%	0.006%
216	17.547	17.531	17.571	VV	389	8726	0.08%	0.004%
217	17.634	17.571	17.691	VV	2865	56661	0.50%	0.025%
218	17.731	17.691	17.741	VV	293	5848	0.05%	0.003%
219	17.750	17.741	17.773	VV	270	3392	0.03%	0.002%
220	17.808	17.773	17.816	VV	187	3030	0.03%	0.001%
221	17.860	17.816	17.889	VV	232	6067	0.05%	0.003%
222	17.963	17.889	18.007	PV	4237	63953	0.56%	0.028%
223	18.075	18.007	18.147	VV	375379	5433927	47.82%	2.418%
224	18.161	18.147	18.198	VV	1083	24405	0.21%	0.011%
225	18.216	18.198	18.237	VV	1095	18295	0.16%	0.008%
226	18.254	18.237	18.281	VV	687	15026	0.13%	0.007%
227	18.303	18.281	18.358	VV	1118	20183	0.18%	0.009%
228	18.398	18.358	18.425	PV	2771	45215	0.40%	0.020%
229	18.483	18.425	18.497	VV	260325	4221850	37.15%	1.879%
230	18.518	18.497	18.693	VV	341319	8328567	73.29%	3.707%
231	18.739	18.693	18.867	VV	266328	6110822	53.77%	2.720%
232	18.909	18.867	19.048	VV	369009	5900134	51.92%	2.626%
233	19.062	19.048	19.138	VV	2605	105291	0.93%	0.047%
234	19.171	19.138	19.181	VV	1265	32486	0.29%	0.014%
235	19.219	19.181	19.239	VV	1024	35204	0.31%	0.016%
236	19.305	19.239	19.385	VV	4022	144426	1.27%	0.064%
237	19.464	19.385	19.480	VV	624	35099	0.31%	0.016%
238	19.502	19.480	19.534	VV	777	17122	0.15%	0.008%
239	19.543	19.534	19.565	VV	340	5122	0.05%	0.002%
240	19.587	19.565	19.621	VV	184	4364	0.04%	0.002%
241	19.695	19.621	19.836	PV	325249	5610336	49.37%	2.497%
242	19.860	19.836	19.911	VV	751	25283	0.22%	0.011%
243	19.989	19.911	20.018	VV	669	18199	0.16%	0.008%
244	20.066	20.018	20.125	PV	2247	52244	0.46%	0.023%
245	20.131	20.125	20.138	VV	179	1282	0.01%	0.001%
246	20.145	20.138	20.150	VV	82	641	0.01%	0.000%

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247	20.226	20.150	20.233	PV	150	3909	0.03%	0.002%
248	20.336	20.233	20.377	VV	875	36921	0.32%	0.016%
249	20.438	20.377	20.558	VV	281922	5583569	49.13%	2.485%
250	20.590	20.558	20.650	VV	4462	157857	1.39%	0.070%
251	20.707	20.650	20.723	VV	1724	68844	0.61%	0.031%
252	20.796	20.723	20.851	VV	2459	137122	1.21%	0.061%
253	20.939	20.851	20.946	VV	1547	86161	0.76%	0.038%
254	21.084	20.946	21.101	VV	1415	128151	1.13%	0.057%
255	21.179	21.101	21.468	VV	219328	5910958	52.01%	2.631%
256	21.498	21.468	21.525	VV	1006	32631	0.29%	0.015%
257	21.605	21.525	21.671	VV	1079	66136	0.58%	0.029%
258	21.829	21.671	21.841	VV	133	18896	0.17%	0.008%
259	22.097	21.841	22.251	PBA	143425	4799505	42.23%	2.136%

Sum of corrected areas: 224685899

Aliphatic EPH 032925.M Tue Apr 01 02:25:33 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053077.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 18:03
Operator : YP\AJ
Sample : Q1675-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
P2MSD

Integration File: autoint1.e
Quant Time: Apr 01 01:41:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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)	11.899	5448289	33.449 ug/ml
Spiked Amount	50.000		Recovery =	66.90%
12)	S 1-chlorooctadecane (S...	13.344	4113814	34.269 ug/ml
Spiked Amount	50.000		Recovery =	68.54%
	Target Compounds			
1)	T n-Nonane (C9)	3.262	6319015	40.810 ug/ml
2)	T n-Decane (C10)	4.514	6440840	41.062 ug/ml
3)	T A~Naphthalene (C11.7)	6.219	6744332	40.147 ug/ml
4)	T n-Dodecane (C12)	6.686	6359870	40.664 ug/ml
5)	T A~2-methylnaphthalene...	7.320	5994223	37.567 ug/ml
6)	T n-Tetradecane (C14)	8.522	6151627	40.176 ug/ml
7)	T n-Hexadecane (C16)	10.135	6071129	39.385 ug/ml
8)	T n-Octadecane (C18)	11.584	5900788	38.907 ug/ml
10)	T n-Eicosane (C20)	12.899	5952544	41.750 ug/ml
11)	T n-Heneicosane (C21)	13.513	5663869	40.815 ug/ml
13)	T n-Docosane (C22)	14.101	5652872	41.275 ug/ml
14)	T n-Tetracosane (C24)	15.199	11816156	87.489 ug/ml
15)	T n-Hexacosane (C26)	16.233	5534293	41.484 ug/ml
16)	T n-Octacosane (C28)	17.184	5849580	44.326 ug/ml
17)	T n-Tricontane (C30)	18.076	5692589	41.999 ug/ml
18)	T n-Dotriacontane (C32)	18.909	5609377	41.686 ug/ml
19)	T n-Tetratriacontane (C34)	19.696	5864542	45.322 ug/ml
20)	T n-Hexatriacontane (C36)	20.439	5720100	48.153 ug/ml
21)	T n-Octatriacontane (C38)	21.181	5942422	51.702 ug/ml
22)	T n-Tetracontane (C40)	22.100	5817162	51.794 ug/ml

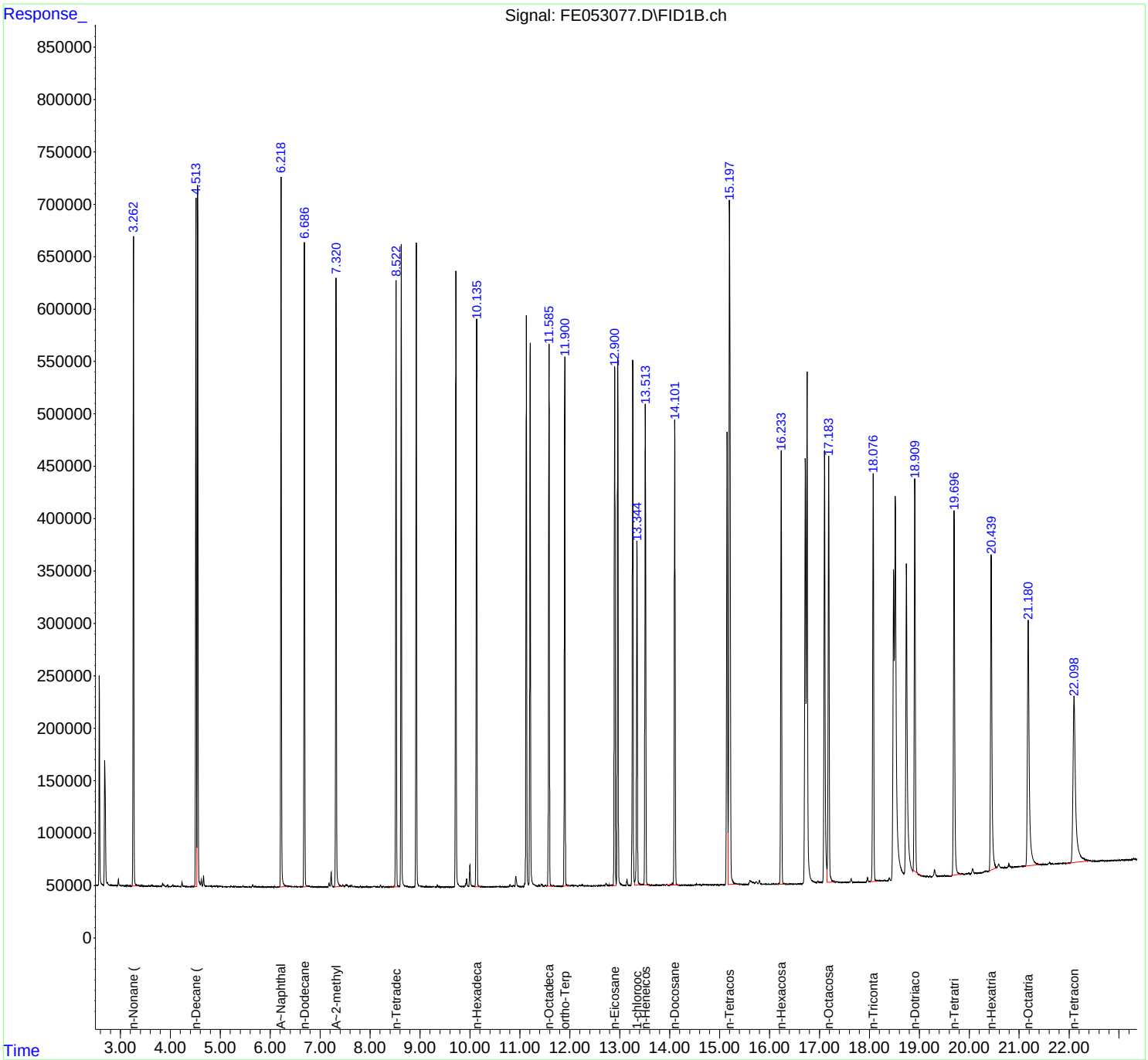
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
Data File : FE053077.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 18:03
Operator : YP\AJ
Sample : Q1675-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
P2MSD

Integration File: autoint1.e
Quant Time: Apr 01 01:41:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 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_E\Data\FE033125AL\
Data File : FE053077.D
Signal(s) : FID1B.ch
Acq On : 31 Mar 2025 18:03
Sample : Q1675-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	2.901	2.838	2.933	BV	238	951	0.01%	0.000%
2	2.959	2.933	3.017	PV	6036	63904	0.47%	0.027%
3	3.044	3.017	3.064	PV	385	5171	0.04%	0.002%
4	3.073	3.064	3.111	VV	150	1657	0.01%	0.001%
5	3.131	3.111	3.195	VV	284	5104	0.04%	0.002%
6	3.262	3.195	3.363	PV	618111	6332263	46.66%	2.651%
7	3.376	3.363	3.391	VV	504	6700	0.05%	0.003%
8	3.404	3.391	3.455	VV	560	12530	0.09%	0.005%
9	3.472	3.455	3.494	VV	352	5958	0.04%	0.002%
10	3.502	3.494	3.529	VV	340	4102	0.03%	0.002%
11	3.543	3.529	3.557	VV	231	2664	0.02%	0.001%
12	3.573	3.557	3.584	VV	404	4248	0.03%	0.002%
13	3.594	3.584	3.607	VV	341	3705	0.03%	0.002%
14	3.627	3.607	3.690	VV	753	17099	0.13%	0.007%
15	3.706	3.690	3.725	VV	214	2704	0.02%	0.001%
16	3.745	3.725	3.801	VV	567	8701	0.06%	0.004%
17	3.810	3.801	3.818	VV	102	778	0.01%	0.000%
18	3.845	3.818	3.859	VV	2872	31222	0.23%	0.013%
19	3.867	3.859	3.920	VV	1438	17205	0.13%	0.007%
20	3.943	3.920	3.995	VV	1474	17817	0.13%	0.007%
21	4.050	3.995	4.146	PV	1269	28919	0.21%	0.012%
22	4.164	4.146	4.188	VV	270	4214	0.03%	0.002%
23	4.235	4.188	4.339	VV	4240	52964	0.39%	0.022%
24	4.352	4.339	4.390	VV	172	2192	0.02%	0.001%
25	4.405	4.390	4.431	VV	148	1670	0.01%	0.001%
26	4.451	4.431	4.475	VV	188	2517	0.02%	0.001%
27	4.514	4.475	4.530	VV	657144	6443207	47.47%	2.698%
28	4.548	4.530	4.603	VV	667492	6830707	50.33%	2.860%
29	4.621	4.603	4.644	VV	6556	82028	0.60%	0.034%
30	4.665	4.644	4.741	VV	10478	136724	1.01%	0.057%
31	4.796	4.741	4.811	VV	861	25913	0.19%	0.011%
32	4.816	4.811	4.862	VV	814	14213	0.10%	0.006%
33	4.900	4.862	4.913	VV	611	12639	0.09%	0.005%
34	4.928	4.913	4.953	VV	982	14767	0.11%	0.006%
35	4.974	4.953	4.994	VV	732	11979	0.09%	0.005%
36	5.012	4.994	5.070	VV	861	15839	0.12%	0.007%

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37	5.091	5.070	5.151	VV	391	7878	0.06%	0.003%
38	5.168	5.151	5.197	VV	194	4109	0.03%	0.002%
39	5.215	5.197	5.248	VV	543	10696	0.08%	0.004%
40	5.267	5.248	5.281	VV	323	4135	0.03%	0.002%
41	5.298	5.281	5.328	VV	731	9587	0.07%	0.004%
42	5.342	5.328	5.391	VV	185	4295	0.03%	0.002%
43	5.398	5.391	5.434	VV	115	1827	0.01%	0.001%
44	5.458	5.434	5.487	VV	789	10389	0.08%	0.004%
45	5.501	5.487	5.565	VV	317	6559	0.05%	0.003%
46	5.587	5.565	5.599	VV	102	1142	0.01%	0.000%
47	5.650	5.599	5.669	PV	2108	24166	0.18%	0.010%
48	5.698	5.669	5.750	VV	664	15999	0.12%	0.007%
49	5.765	5.750	5.824	VV	238	5668	0.04%	0.002%
50	5.840	5.824	5.868	VV	264	3583	0.03%	0.002%
51	5.873	5.868	5.887	VV	128	919	0.01%	0.000%
52	5.940	5.887	5.958	VV	339	5478	0.04%	0.002%
53	5.965	5.958	5.981	VV	156	2119	0.02%	0.001%
54	5.996	5.981	6.028	VV	171	2687	0.02%	0.001%
55	6.035	6.028	6.055	VV	161	1673	0.01%	0.001%
56	6.081	6.055	6.108	VV	204	3367	0.02%	0.001%
57	6.112	6.108	6.117	VV	88	434	0.00%	0.000%
58	6.133	6.117	6.156	VV	129	1629	0.01%	0.001%
59	6.219	6.156	6.378	PV	674648	6798333	50.09%	2.847%
60	6.394	6.378	6.434	VV	849	20558	0.15%	0.009%
61	6.448	6.434	6.468	VV	458	7728	0.06%	0.003%
62	6.479	6.468	6.497	VV	449	6786	0.05%	0.003%
63	6.523	6.497	6.562	VV	527	15439	0.11%	0.006%
64	6.579	6.562	6.593	VV	409	6694	0.05%	0.003%
65	6.603	6.593	6.651	VV	367	9442	0.07%	0.004%
66	6.686	6.651	6.753	VV	614097	6388160	47.07%	2.675%
67	6.770	6.753	6.820	VV	1043	27714	0.20%	0.012%
68	6.838	6.820	6.878	VV	669	14482	0.11%	0.006%
69	6.882	6.878	6.928	VV	288	5294	0.04%	0.002%
70	6.938	6.928	6.945	VV	152	1166	0.01%	0.000%
71	6.973	6.945	6.993	VV	240	5122	0.04%	0.002%
72	7.008	6.993	7.070	VV	277	6047	0.04%	0.003%
73	7.103	7.070	7.151	VV	215	5261	0.04%	0.002%
74	7.178	7.151	7.200	VV	3710	48018	0.35%	0.020%
75	7.222	7.200	7.278	VV	14284	163749	1.21%	0.069%
76	7.320	7.278	7.440	VV	582765	6043595	44.53%	2.531%
77	7.458	7.440	7.479	VV	1891	28507	0.21%	0.012%
78	7.521	7.479	7.578	VV	2703	77860	0.57%	0.033%
79	7.598	7.578	7.617	VV	1468	21146	0.16%	0.009%
80	7.635	7.617	7.659	VV	1998	26800	0.20%	0.011%
81	7.692	7.659	7.782	VV	652	22819	0.17%	0.010%
82	7.808	7.782	7.834	VV	750	9812	0.07%	0.004%
83	7.846	7.834	7.898	VV	213	3491	0.03%	0.001%
84	7.920	7.898	7.957	PV	532	7260	0.05%	0.003%
85	7.970	7.957	7.991	VV	162	2051	0.02%	0.001%
86	8.001	7.991	8.018	VV	124	949	0.01%	0.000%
87	8.064	8.018	8.074	VV	432	6901	0.05%	0.003%
88	8.090	8.074	8.118	VV	941	13274	0.10%	0.006%
89	8.131	8.118	8.188	VV	371	7677	0.06%	0.003%

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90	8.211	8.188	8.236	VV	1960	22257	0.16%	0.009%
91	8.267	8.236	8.312	VV	996	14256	0.11%	0.006%
92	8.340	8.312	8.356	VV	208	2663	0.02%	0.001%
93	8.396	8.356	8.403	VV	302	5212	0.04%	0.002%
94	8.423	8.403	8.455	VV	468	11521	0.08%	0.005%
95	8.522	8.455	8.590	VV	577366	6177362	45.51%	2.587%
96	8.627	8.590	8.737	VV	614999	6376205	46.98%	2.670%
97	8.748	8.737	8.798	VV	807	15880	0.12%	0.007%
98	8.809	8.798	8.829	VV	230	3411	0.03%	0.001%
99	8.851	8.829	8.864	VV	219	3268	0.02%	0.001%
100	8.927	8.864	9.037	VV	617584	6410466	47.23%	2.684%
101	9.058	9.037	9.098	VV	956	19177	0.14%	0.008%
102	9.131	9.098	9.158	VV	674	14575	0.11%	0.006%
103	9.170	9.158	9.187	VV	310	3532	0.03%	0.001%
104	9.208	9.187	9.234	VV	681	10848	0.08%	0.005%
105	9.263	9.234	9.309	VV	615	13409	0.10%	0.006%
106	9.351	9.309	9.414	VV	1683	28740	0.21%	0.012%
107	9.417	9.414	9.478	VV	133	1873	0.01%	0.001%
108	9.499	9.478	9.512	VV	134	1443	0.01%	0.001%
109	9.535	9.512	9.574	VV	212	3628	0.03%	0.002%
110	9.587	9.574	9.623	VV	191	3379	0.02%	0.001%
111	9.649	9.623	9.675	VV	301	3972	0.03%	0.002%
112	9.720	9.675	9.850	PV	589117	6333708	46.67%	2.652%
113	9.869	9.850	9.890	VV	789	14259	0.11%	0.006%
114	9.934	9.890	9.976	VV	7919	132920	0.98%	0.056%
115	10.000	9.976	10.058	VV	20962	284772	2.10%	0.119%
116	10.065	10.058	10.097	VV	1102	17226	0.13%	0.007%
117	10.135	10.097	10.213	VV	539425	6097602	44.93%	2.553%
118	10.236	10.213	10.304	VV	604	16762	0.12%	0.007%
119	10.311	10.304	10.334	VV	179	2014	0.01%	0.001%
120	10.342	10.334	10.352	VV	68	654	0.00%	0.000%
121	10.410	10.352	10.436	VV	168	3580	0.03%	0.001%
122	10.479	10.436	10.501	PV	298	5771	0.04%	0.002%
123	10.526	10.501	10.542	VV	396	6540	0.05%	0.003%
124	10.556	10.542	10.596	VV	264	7681	0.06%	0.003%
125	10.606	10.596	10.634	VV	439	4809	0.04%	0.002%
126	10.645	10.634	10.661	VV	220	2860	0.02%	0.001%
127	10.668	10.661	10.708	VV	255	2653	0.02%	0.001%
128	10.724	10.708	10.737	PV	135	1447	0.01%	0.001%
129	10.802	10.737	10.846	VV	2150	39097	0.29%	0.016%
130	10.874	10.846	10.898	VV	1521	27919	0.21%	0.012%
131	10.921	10.898	11.048	VV	10160	181371	1.34%	0.076%
132	11.132	11.048	11.175	VV	543660	5966399	43.96%	2.498%
133	11.208	11.175	11.364	VV	519033	6002025	44.22%	2.513%
134	11.384	11.364	11.410	VV	1552	24609	0.18%	0.010%
135	11.434	11.410	11.490	VV	2447	52385	0.39%	0.022%
136	11.512	11.490	11.541	VV	1239	23498	0.17%	0.010%
137	11.585	11.541	11.640	VV	517739	5913345	43.57%	2.476%
138	11.674	11.640	11.721	VV	844	24220	0.18%	0.010%
139	11.738	11.721	11.761	VV	430	6579	0.05%	0.003%
140	11.776	11.761	11.818	VV	347	7823	0.06%	0.003%
141	11.825	11.818	11.850	VV	206	3237	0.02%	0.001%

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142	11.900	11.850	11.961	VV	507825	5464563	40.26%	2.288%
143	11.970	11.961	11.998	VV	783	14352	0.11%	0.006%
144	12.038	11.998	12.072	VV	1284	34411	0.25%	0.014%
145	12.086	12.072	12.103	VV	760	12181	0.09%	0.005%
146	12.115	12.103	12.166	VV	694	16173	0.12%	0.007%
147	12.194	12.166	12.227	VV	1204	25345	0.19%	0.011%
148	12.254	12.227	12.287	VV	1366	27993	0.21%	0.012%
149	12.310	12.287	12.328	VV	580	10677	0.08%	0.004%
150	12.344	12.328	12.400	VV	660	15976	0.12%	0.007%
151	12.411	12.400	12.448	VV	257	4924	0.04%	0.002%
152	12.477	12.448	12.494	VV	267	5422	0.04%	0.002%
153	12.541	12.494	12.573	VV	424	13689	0.10%	0.006%
154	12.610	12.573	12.653	VV	550	20301	0.15%	0.009%
155	12.730	12.653	12.778	VV	2281	61538	0.45%	0.026%
156	12.785	12.778	12.805	VV	643	5952	0.04%	0.002%
157	12.838	12.805	12.861	VV	1084	20859	0.15%	0.009%
158	12.899	12.861	12.928	VV	490921	5954697	43.87%	2.493%
159	12.961	12.928	13.081	VV	505253	6001838	44.22%	2.513%
160	13.092	13.081	13.117	VV	655	12372	0.09%	0.005%
161	13.145	13.117	13.212	VV	5903	91029	0.67%	0.038%
162	13.260	13.212	13.298	VV	503830	5837755	43.01%	2.444%
163	13.344	13.298	13.435	VV	330394	4186825	30.85%	1.753%
164	13.456	13.435	13.474	VV	1526	29883	0.22%	0.013%
165	13.513	13.474	13.587	VV	462840	5717007	42.12%	2.394%
166	13.600	13.587	13.667	VV	729	24515	0.18%	0.010%
167	13.682	13.667	13.701	VV	474	8409	0.06%	0.004%
168	13.727	13.701	13.795	VV	472	22637	0.17%	0.009%
169	13.891	13.795	13.918	VV	901	37397	0.28%	0.016%
170	13.941	13.918	13.974	VV	1264	25956	0.19%	0.011%
171	14.101	13.974	14.211	VV	444601	5692949	41.94%	2.384%
172	14.226	14.211	14.244	VV	334	5628	0.04%	0.002%
173	14.271	14.244	14.294	VV	625	11913	0.09%	0.005%
174	14.316	14.294	14.360	VV	402	10942	0.08%	0.005%
175	14.375	14.360	14.411	VV	261	5009	0.04%	0.002%
176	14.465	14.411	14.491	VV	279	8939	0.07%	0.004%
177	14.538	14.491	14.583	VV	1034	29281	0.22%	0.012%
178	14.609	14.583	14.637	VV	620	14162	0.10%	0.006%
179	14.664	14.637	14.707	VV	998	21934	0.16%	0.009%
180	14.723	14.707	14.754	VV	546	10629	0.08%	0.004%
181	14.775	14.754	14.854	VV	377	14360	0.11%	0.006%
182	14.913	14.854	15.003	VV	387	18926	0.14%	0.008%
183	15.053	15.003	15.078	PV	369	9671	0.07%	0.004%
184	15.149	15.078	15.170	VV	426882	5907370	43.52%	2.473%
185	15.199	15.170	15.438	VV	641584	11923705	87.85%	4.993%
186	15.454	15.438	15.558	VV	506	24734	0.18%	0.010%
187	15.615	15.558	15.704	VV	3537	183059	1.35%	0.077%
188	15.733	15.704	15.771	VV	2506	75799	0.56%	0.032%
189	15.796	15.771	15.904	VV	4067	93082	0.69%	0.039%
190	15.924	15.904	15.953	VV	382	8848	0.07%	0.004%
191	15.983	15.953	16.024	VV	377	11286	0.08%	0.005%
192	16.066	16.024	16.131	VV	821	23688	0.17%	0.010%
193	16.233	16.131	16.334	VV	414861	5556455	40.94%	2.327%
194	16.393	16.334	16.487	VV	449	16967	0.13%	0.007%

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195	16.716	16.487	16.733	PV	408518	6172804	45.48%	2.585%
196	16.751	16.733	16.944	VV	487867	7175922	52.87%	3.005%
197	16.969	16.944	17.054	VV	2431	87477	0.64%	0.037%
198	17.101	17.054	17.151	VV	413631	6316136	46.54%	2.645%
199	17.184	17.151	17.391	VV	407940	5982085	44.08%	2.505%
200	17.411	17.391	17.481	VV	714	25264	0.19%	0.011%
201	17.517	17.481	17.571	VV	675	22729	0.17%	0.010%
202	17.634	17.571	17.694	VV	3748	73594	0.54%	0.031%
203	17.724	17.694	17.811	VV	370	12832	0.09%	0.005%
204	17.864	17.811	17.887	PV	195	4962	0.04%	0.002%
205	17.909	17.887	17.924	VV	63	1419	0.01%	0.001%
206	17.964	17.924	18.011	PV	4473	66414	0.49%	0.028%
207	18.076	18.011	18.145	VV	388426	5706043	42.04%	2.389%
208	18.164	18.145	18.191	VV	1155	23547	0.17%	0.010%
209	18.217	18.191	18.276	VV	968	32231	0.24%	0.013%
210	18.306	18.276	18.358	VV	1008	19326	0.14%	0.008%
211	18.398	18.358	18.426	PV	2814	45949	0.34%	0.019%
212	18.519	18.426	18.694	VV	365705	13572481	100.00%	5.683%
213	18.741	18.694	18.868	VV	300757	6684630	49.25%	2.799%
214	18.909	18.868	19.044	VV	380569	6198827	45.67%	2.596%
215	19.063	19.044	19.138	VV	2538	112054	0.83%	0.047%
216	19.161	19.138	19.188	VV	1536	41485	0.31%	0.017%
217	19.213	19.188	19.251	VV	1220	39763	0.29%	0.017%
218	19.305	19.251	19.384	VV	7269	195101	1.44%	0.082%
219	19.459	19.384	19.479	VV	760	40663	0.30%	0.017%
220	19.504	19.479	19.534	VV	896	21584	0.16%	0.009%
221	19.553	19.534	19.578	VV	650	12828	0.09%	0.005%
222	19.597	19.578	19.627	VV	391	7941	0.06%	0.003%
223	19.696	19.627	19.833	PV	348775	5946849	43.82%	2.490%
224	19.850	19.833	19.908	VV	907	33286	0.25%	0.014%
225	19.935	19.908	19.954	VV	497	12667	0.09%	0.005%
226	19.989	19.954	20.024	VV	956	22695	0.17%	0.010%
227	20.068	20.024	20.154	VV	4960	107447	0.79%	0.045%
228	20.341	20.154	20.375	VV	1253	69460	0.51%	0.029%
229	20.440	20.375	20.550	VV	302755	5959209	43.91%	2.495%
230	20.590	20.550	20.684	VV	6383	329018	2.42%	0.138%
231	20.706	20.684	20.750	VV	3077	106939	0.79%	0.045%
232	20.795	20.750	20.851	VV	5294	207865	1.53%	0.087%
233	20.965	20.851	20.994	VV	2548	210186	1.55%	0.088%
234	21.181	20.994	21.448	VV	236217	6584653	48.51%	2.757%
235	21.490	21.448	21.542	VV	2217	118339	0.87%	0.050%
236	21.607	21.542	21.681	VV	2926	170557	1.26%	0.071%
237	21.915	21.681	21.941	VV	1215	207758	1.53%	0.087%
238	22.100	21.941	22.561	VV	159554	6152425	45.33%	2.576%

Sum of corrected areas: 238829744

Aliphatic EPH 032925.M Tue Apr 01 02:27:16 2025

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

Manual Integration Report

Sequence:	FE032925AL	Instrument	FID_e

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

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

Manual Integration Report

Sequence:	FE033125AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB167382BS	FE053072.D	n-Dotriacontane (C32)	yogesh	4/1/2025 7:55:41 AM	mohammad	4/2/2025 1:16:46	Peak Integrated by Software
PB167382BSD	FE053073.D	n-Dotriacontane (C32)	yogesh	4/1/2025 7:55:42 AM	mohammad	4/2/2025 1:16:46	Peak Integrated by Software
Q1675-05	FE053079.D	1-chlorooctadecane (SURR)	yogesh	4/1/2025 7:55:44 AM	mohammad	4/2/2025 1:16:46	Peak Integrated by Software
Q1675-05	FE053079.D	ortho-Terphenyl (SURR)	yogesh	4/1/2025 7:55:44 AM	mohammad	4/2/2025 1:16:46	Peak Integrated by Software

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

Manual Integration Report

Sequence:	FE040125AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1675-05DL	FE053090.D	1-chlorooctadecane (SURR)	yogesh	4/2/2025 7:51:29 AM	mohammad	4/3/2025 1:37:54	Peak Integrated by Software
Q1675-05DL	FE053090.D	ortho-Terphenyl (SURR)	yogesh	4/2/2025 7:51:29 AM	mohammad	4/3/2025 1:37:54	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE053109.D	n-Dotriacontane (C32)	yogesh	4/2/2025 7:51:31 AM	mohammad	4/3/2025 1:37:54	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE053109.D	n-Tetracontane (C40)	yogesh	4/2/2025 7:51:31 AM	mohammad	4/3/2025 1:37:54	Peak Integrated by Software
Q1687-01MS	FE053122.D	1-chlorooctadecane (SURR)	yogesh	4/2/2025 9:53:13 AM	mohammad	4/3/2025 1:37:54	Peak Integrated by Software

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 # FE032925AL

Review By	yogesh	Review On	3/28/2025 1:29:33 PM		
Supervise By	mohammad	Supervise On	4/1/2025 1:30:29 AM		
SubDirectory	FE032925AL	HP Acquire Method		HP Processing Method	FE032925AL

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE053055.D	28 Mar 2025 22:09	YP\AJ	Ok
2	I.BLK	FE053056.D	28 Mar 2025 22:39	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE053057.D	28 Mar 2025 23:09	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE053058.D	29 Mar 2025 00:09	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FE053059.D	29 Mar 2025 00:39	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE053060.D	29 Mar 2025 01:09	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE053061.D	29 Mar 2025 01:39	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FE053062.D	29 Mar 2025 02:10	YP\AJ	Ok
9	I.BLK	FE053063.D	29 Mar 2025 03:10	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE053064.D	29 Mar 2025 03:40	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE033125AL

Review By	yogesh	Review On	3/31/2025 12:29:00 PM		
Supervise By	mohammad	Supervise On	4/2/2025 1:16:46 AM		
SubDirectory	FE033125AL	HP Acquire Method		HP Processing Method	FE032925AL

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE053065.D	31 Mar 2025 08:28	YP\AJ	Ok
2	I.BLK	FE053066.D	31 Mar 2025 08:58	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE053067.D	31 Mar 2025 12:00	YP\AJ	Ok
4	Q1657-01DL	FE053068.D	31 Mar 2025 12:30	YP\AJ	Ok
5	I.BLK	FE053069.D	31 Mar 2025 13:30	YP\AJ	Ok
6	20 PPM ALIPHATIC HC STD	FE053070.D	31 Mar 2025 14:00	YP\AJ	Ok
7	PB167382BL	FE053071.D	31 Mar 2025 15:01	YP\AJ	Ok
8	PB167382BS	FE053072.D	31 Mar 2025 15:31	YP\AJ	Ok,M
9	PB167382BSD	FE053073.D	31 Mar 2025 16:01	YP\AJ	Ok,M
10	Q1675-01	FE053074.D	31 Mar 2025 16:32	YP\AJ	Ok
11	Q1675-02	FE053075.D	31 Mar 2025 17:02	YP\AJ	Ok
12	Q1675-02MS	FE053076.D	31 Mar 2025 17:33	YP\AJ	Ok
13	Q1675-02MSD	FE053077.D	31 Mar 2025 18:03	YP\AJ	Ok
14	Q1675-03	FE053078.D	31 Mar 2025 18:33	YP\AJ	Ok
15	Q1675-05	FE053079.D	31 Mar 2025 19:03	YP\AJ	Dilution
16	Q1675-06	FE053080.D	31 Mar 2025 19:34	YP\AJ	Ok
17	Q1675-18	FE053081.D	31 Mar 2025 20:04	YP\AJ	Dilution
18	Q1675-19	FE053082.D	31 Mar 2025 20:34	YP\AJ	Ok
19	Q1675-20	FE053083.D	31 Mar 2025 21:04	YP\AJ	Ok
20	Q1675-21	FE053084.D	31 Mar 2025 21:34	YP\AJ	Ok
21	I.BLK	FE053085.D	31 Mar 2025 22:35	YP\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE033125AL

Review By	yogesh	Review On	3/31/2025 12:29:00 PM		
Supervise By	mohammad	Supervise On	4/2/2025 1:16:46 AM		
SubDirectory	FE033125AL	HP Acquire Method		HP Processing Method	FE032925AL

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

22	20 PPM ALIPHATIC HC STD	FE053086.D	31 Mar 2025 23:05	YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE040125AL

Review By	yogesh	Review On	4/1/2025 10:49:14 AM		
Supervise By	mohammad	Supervise On	4/3/2025 1:37:54 AM		
SubDirectory	FE040125AL	HP Acquire Method		HP Processing Method	FE032925AL

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE053087.D	01 Apr 2025 06:15	YP\AJ	Ok
2	I.BLK	FE053088.D	01 Apr 2025 06:45	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE053089.D	01 Apr 2025 07:15	YP\AJ	Ok
4	Q1675-05DL	FE053090.D	01 Apr 2025 08:15	YP\AJ	Ok,M
5	Q1675-18DL	FE053091.D	01 Apr 2025 08:45	YP\AJ	Ok
6	I.BLK	FE053092.D	01 Apr 2025 10:33	YP\AJ	Ok
7	20 PPM ALIPHATIC HC STD	FE053093.D	01 Apr 2025 11:03	YP\AJ	Ok
8	PB167403BL	FE053094.D	01 Apr 2025 15:26	YP\AJ	Ok
9	PB167403BS	FE053095.D	01 Apr 2025 15:56	YP\AJ	Ok
10	PB167403BSD	FE053096.D	01 Apr 2025 16:26	YP\AJ	Ok
11	Q1679-01	FE053097.D	01 Apr 2025 16:56	YP\AJ	Ok
12	Q1679-02	FE053098.D	01 Apr 2025 17:26	YP\AJ	Ok
13	Q1679-05	FE053099.D	01 Apr 2025 17:57	YP\AJ	Ok
14	Q1679-06	FE053100.D	01 Apr 2025 18:27	YP\AJ	Ok
15	Q1680-01	FE053101.D	01 Apr 2025 18:57	YP\AJ	Ok
16	Q1680-02	FE053102.D	01 Apr 2025 19:27	YP\AJ	Ok
17	Q1681-01	FE053103.D	01 Apr 2025 19:57	YP\AJ	Ok
18	Q1681-01D	FE053104.D	01 Apr 2025 20:27	YP\AJ	Ok
19	Q1681-01MS	FE053105.D	01 Apr 2025 20:57	YP\AJ	Ok
20	Q1681-01MSD	FE053106.D	01 Apr 2025 21:28	YP\AJ	Ok
21	Q1681-02	FE053107.D	01 Apr 2025 21:58	YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE040125AL

Review By	yogesh	Review On	4/1/2025 10:49:14 AM		
Supervise By	mohammad	Supervise On	4/3/2025 1:37:54 AM		
SubDirectory	FE040125AL	HP Acquire Method		HP Processing Method	FE032925AL

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

22	I.BLK	FE053108.D	01 Apr 2025 22:58	YP\AJ	Ok
23	20 PPM ALIPHATIC HC STD	FE053109.D	01 Apr 2025 23:28	YP\AJ	Ok,M
24	Q1687-01	FE053110.D	02 Apr 2025 00:28	YP\AJ	Ok
25	Q1687-02	FE053111.D	02 Apr 2025 00:58	YP\AJ	Ok
26	Q1688-01	FE053112.D	02 Apr 2025 01:28	YP\AJ	Ok
27	Q1688-02	FE053113.D	02 Apr 2025 01:58	YP\AJ	Dilution
28	Q1692-01	FE053114.D	02 Apr 2025 02:29	YP\AJ	Dilution
29	Q1692-02	FE053115.D	02 Apr 2025 02:58	YP\AJ	Ok
30	I.BLK	FE053116.D	02 Apr 2025 03:58	YP\AJ	Ok
31	20 PPM ALIPHATIC HC STD	FE053117.D	02 Apr 2025 04:28	YP\AJ	Ok
32	PB167416BL	FE053118.D	02 Apr 2025 05:29	YP\AJ	Ok
33	PB167416BS	FE053119.D	02 Apr 2025 05:59	YP\AJ	Ok
34	PB167416BSD	FE053120.D	02 Apr 2025 06:29	YP\AJ	Ok
35	Q1687-01D	FE053121.D	02 Apr 2025 06:59	YP\AJ	Ok
36	Q1687-01MS	FE053122.D	02 Apr 2025 07:29	YP\AJ	Ok,M
37	Q1687-01MSD	FE053123.D	02 Apr 2025 07:59	YP\AJ	Ok
38	I.BLK	FE053124.D	02 Apr 2025 08:29	YP\AJ	Ok
39	20 PPM ALIPHATIC HC STD	FE053125.D	02 Apr 2025 08:59	YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE032925AL

Review By	yogesh	Review On	3/28/2025 1:29:33 PM		
Supervise By	mohammad	Supervise On	4/1/2025 1:30:29 AM		
SubDirectory	FE032925AL	HP Acquire Method		HP Processing Method	FE032925AL

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE053055.D	28 Mar 2025 22:09		YP\AJ	Ok
2	I.BLK	I.BLK	FE053056.D	28 Mar 2025 22:39		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FE053057.D	28 Mar 2025 23:09		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE053058.D	29 Mar 2025 00:09		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053059.D	29 Mar 2025 00:39		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE053060.D	29 Mar 2025 01:09		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE053061.D	29 Mar 2025 01:39		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053062.D	29 Mar 2025 02:10		YP\AJ	Ok
9	I.BLK	I.BLK	FE053063.D	29 Mar 2025 03:10		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053064.D	29 Mar 2025 03:40		YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE033125AL

Review By	yogesh	Review On	3/31/2025 12:29:00 PM		
Supervise By	mohammad	Supervise On	4/2/2025 1:16:46 AM		
SubDirectory	FE033125AL	HP Acquire Method		HP Processing Method	FE032925AL

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE053065.D	31 Mar 2025 08:28		YP\AJ	Ok
2	I.BLK	I.BLK	FE053066.D	31 Mar 2025 08:58		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053067.D	31 Mar 2025 12:00		YP\AJ	Ok
4	Q1657-01DL	72-11998DL	FE053068.D	31 Mar 2025 12:30		YP\AJ	Ok
5	I.BLK	I.BLK	FE053069.D	31 Mar 2025 13:30		YP\AJ	Ok
6	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053070.D	31 Mar 2025 14:00		YP\AJ	Ok
7	PB167382BL	PB167382BL	FE053071.D	31 Mar 2025 15:01		YP\AJ	Ok
8	PB167382BS	PB167382BS	FE053072.D	31 Mar 2025 15:31		YP\AJ	Ok,M
9	PB167382BSD	PB167382BSD	FE053073.D	31 Mar 2025 16:01		YP\AJ	Ok,M
10	Q1675-01	P1	FE053074.D	31 Mar 2025 16:32		YP\AJ	Ok
11	Q1675-02	P2	FE053075.D	31 Mar 2025 17:02		YP\AJ	Ok
12	Q1675-02MS	P2MS	FE053076.D	31 Mar 2025 17:33	FE053075.D	YP\AJ	Ok
13	Q1675-02MSD	P2MSD	FE053077.D	31 Mar 2025 18:03	FE053075.D!FE053076.D	YP\AJ	Ok
14	Q1675-03	P3	FE053078.D	31 Mar 2025 18:33		YP\AJ	Ok
15	Q1675-05	P5	FE053079.D	31 Mar 2025 19:03	need 20x dilution	YP\AJ	Dilution
16	Q1675-06	P6	FE053080.D	31 Mar 2025 19:34		YP\AJ	Ok
17	Q1675-18	K1P	FE053081.D	31 Mar 2025 20:04	need 2x dilution	YP\AJ	Dilution
18	Q1675-19	K1	FE053082.D	31 Mar 2025 20:34		YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE033125AL

Review By	yogesh	Review On	3/31/2025 12:29:00 PM		
Supervise By	mohammad	Supervise On	4/2/2025 1:16:46 AM		
SubDirectory	FE033125AL	HP Acquire Method		HP Processing Method	FE032925AL

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

19	Q1675-20	K2	FE053083.D	31 Mar 2025 21:04		YP\AJ	Ok
20	Q1675-21	K3	FE053084.D	31 Mar 2025 21:34		YP\AJ	Ok
21	I.BLK	I.BLK	FE053085.D	31 Mar 2025 22:35		YP\AJ	Ok
22	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053086.D	31 Mar 2025 23:05		YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE040125AL

Review By	yogesh	Review On	4/1/2025 10:49:14 AM		
Supervise By	mohammad	Supervise On	4/3/2025 1:37:54 AM		
SubDirectory	FE040125AL	HP Acquire Method		HP Processing Method	FE032925AL

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE053087.D	01 Apr 2025 06:15		YP\AJ	Ok
2	I.BLK	I.BLK	FE053088.D	01 Apr 2025 06:45		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053089.D	01 Apr 2025 07:15		YP\AJ	Ok
4	Q1675-05DL	P5DL	FE053090.D	01 Apr 2025 08:15		YP\AJ	Ok,M
5	Q1675-18DL	K1PDL	FE053091.D	01 Apr 2025 08:45		YP\AJ	Ok
6	I.BLK	I.BLK	FE053092.D	01 Apr 2025 10:33		YP\AJ	Ok
7	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053093.D	01 Apr 2025 11:03		YP\AJ	Ok
8	PB167403BL	PB167403BL	FE053094.D	01 Apr 2025 15:26		YP\AJ	Ok
9	PB167403BS	PB167403BS	FE053095.D	01 Apr 2025 15:56		YP\AJ	Ok
10	PB167403BSD	PB167403BSD	FE053096.D	01 Apr 2025 16:26		YP\AJ	Ok
11	Q1679-01	TP-10	FE053097.D	01 Apr 2025 16:56		YP\AJ	Ok
12	Q1679-02	TP-10-EPH	FE053098.D	01 Apr 2025 17:26		YP\AJ	Ok
13	Q1679-05	TP-9	FE053099.D	01 Apr 2025 17:57		YP\AJ	Ok
14	Q1679-06	TP-9-EPH	FE053100.D	01 Apr 2025 18:27		YP\AJ	Ok
15	Q1680-01	TP-4	FE053101.D	01 Apr 2025 18:57		YP\AJ	Ok
16	Q1680-02	TP-4-EPH	FE053102.D	01 Apr 2025 19:27		YP\AJ	Ok
17	Q1681-01	TP-12	FE053103.D	01 Apr 2025 19:57		YP\AJ	Ok
18	Q1681-01D	Q1681-01D	FE053104.D	01 Apr 2025 20:27		YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE040125AL

Review By	yogesh	Review On	4/1/2025 10:49:14 AM		
Supervise By	mohammad	Supervise On	4/3/2025 1:37:54 AM		
SubDirectory	FE040125AL	HP Acquire Method		HP Processing Method	FE032925AL

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

19	Q1681-01MS	TP-12MS	FE053105.D	01 Apr 2025 20:57	FE053103.D	YP\AJ	Ok
20	Q1681-01MSD	TP-12MSD	FE053106.D	01 Apr 2025 21:28	FE053103.D!FE053105.D	YP\AJ	Ok
21	Q1681-02	TP-12-EPH	FE053107.D	01 Apr 2025 21:58		YP\AJ	Ok
22	I.BLK	I.BLK	FE053108.D	01 Apr 2025 22:58		YP\AJ	Ok
23	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053109.D	01 Apr 2025 23:28		YP\AJ	Ok,M
24	Q1687-01	72-12016	FE053110.D	02 Apr 2025 00:28		YP\AJ	Ok
25	Q1687-02	72-12016-E2	FE053111.D	02 Apr 2025 00:58		YP\AJ	Ok
26	Q1688-01	OR-02-040125	FE053112.D	02 Apr 2025 01:28		YP\AJ	Ok
27	Q1688-02	OR-02-040125-E2	FE053113.D	02 Apr 2025 01:58	Need 2X	YP\AJ	Dilution
28	Q1692-01	NB-08-04012025	FE053114.D	02 Apr 2025 02:29	Need 5X	YP\AJ	Dilution
29	Q1692-02	NB-08-04012025-E2	FE053115.D	02 Apr 2025 02:58		YP\AJ	Ok
30	I.BLK	I.BLK	FE053116.D	02 Apr 2025 03:58		YP\AJ	Ok
31	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053117.D	02 Apr 2025 04:28		YP\AJ	Ok
32	PB167416BL	PB167416BL	FE053118.D	02 Apr 2025 05:29		YP\AJ	Ok
33	PB167416BS	PB167416BS	FE053119.D	02 Apr 2025 05:59		YP\AJ	Ok
34	PB167416BSD	PB167416BSD	FE053120.D	02 Apr 2025 06:29		YP\AJ	Ok
35	Q1687-01D	Q1687-01D	FE053121.D	02 Apr 2025 06:59		YP\AJ	Ok
36	Q1687-01MS	72-12016MS	FE053122.D	02 Apr 2025 07:29	FE053110.D	YP\AJ	Ok,M
37	Q1687-01MSD	72-12016MSD	FE053123.D	02 Apr 2025 07:59	FE053110.D!FE053122.D	YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE040125AL

Review By	yogesh	Review On	4/1/2025 10:49:14 AM		
Supervise By	mohammad	Supervise On	4/3/2025 1:37:54 AM		
SubDirectory	FE040125AL	HP Acquire Method		HP Processing Method	FE032925AL

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

38	I.BLK	I.BLK	FE053124.D	02 Apr 2025 08:29		YP\AJ	Ok
39	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE053125.D	02 Apr 2025 08:59		YP\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167382

SOP ID: MNJDEP-EPH-7

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 03/31/2025

Extraction Start Time : 09:40

Extraction End Date : 03/31/2025

Extraction End Time : 12:40

Concentration By: EH

Supervisor By : rajesh

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	PP24207
Surrogate	1.0ML	100 PPM	PP24210
N/A	N/A	N/A	N/A
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	EP2591
Baked Na2SO4	N/A	EP2595
Sand	N/A	E2865
Methylene Chloride	N/A	E3904
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: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/31/25	RP (Ext. Lab)	YP-PESHPCD
12:45	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167382

Analytical Method: MNJDEP-EPH-7

Concentration Date: 03/31/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167382BL	PB167382BL	EPH_F2	30.02	N/A	ritesh	Evelyn	2			U2-1
PB167382BS	PB167382BS	EPH_F2	30.03	N/A	ritesh	Evelyn	2			2
PB167382BSD	PB167382BSD	EPH_F2	30.02	N/A	ritesh	Evelyn	2			3
Q1675-01	P1	EPH_F2	30.03	N/A	ritesh	Evelyn	2	E	Stone	4
Q1675-02	P2	EPH_F2	30.08	N/A	ritesh	Evelyn	2	A	Stone	5
Q1675-02MS	P2MS	EPH_F2	30.05	N/A	ritesh	Evelyn	2	A	Stone	6
Q1675-02MSD	P2MSD	EPH_F2	30.04	N/A	ritesh	Evelyn	2	A	Stone	U3-1
Q1675-03	P3	EPH_F2	30.06	N/A	ritesh	Evelyn	2	A	Stone	2
Q1675-05	P5	EPH_F2	30.02	N/A	ritesh	Evelyn	2	E	Stone	3
Q1675-06	P6	EPH_F2	30.01	N/A	ritesh	Evelyn	2	E	Stone	4
Q1675-18	K1P	EPH_F2	30.07	N/A	ritesh	Evelyn	2		Stone	5
Q1675-19	K1	EPH_F2	30.03	N/A	ritesh	Evelyn	2		Stone	6
Q1675-20	K2	EPH_F2	30.08	N/A	ritesh	Evelyn	2	A	Stone	U6-1
Q1675-21	K3	EPH_F2	30.01	N/A	ritesh	Evelyn	2	A	Stone	2

* Extracts relinguished on the same date as received.

3/31/25

167382
fv

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1675 **WorkList ID :** 188632 **Department :** Extraction **Date :** 03-31-2025 08:17:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1672-01	TP-8	Solid	EPH_NF	Cool 4 deg C	PSEG03	I31	03/27/2025	NJEPH
Q1672-02	TP-8-EPH	Solid	EPH_NF	Cool 4 deg C	PSEG03	I31	03/27/2025	NJEPH
Q1674-01	RT5358	Solid	EPH_NF	Cool 4 deg C	PSEG03	I41	03/28/2025	NJEPH
Q1674-03	72-11991	Solid	EPH_NF	Cool 4 deg C	PSEG03	I41	03/28/2025	NJEPH
Q1675-01	P1	Solid	EPH_F2	Cool 4 deg C	GENV01	I31	03/27/2025	NJEPH
Q1675-02	P2	Solid	EPH_F2	Cool 4 deg C	GENV01	I31	03/27/2025	NJEPH
Q1675-03	P3	Solid	EPH_F2	Cool 4 deg C	GENV01	I31	03/27/2025	NJEPH
Q1675-05	P5	Solid	EPH_F2	Cool 4 deg C	GENV01	I31	03/27/2025	NJEPH
Q1675-06	P6	Solid	EPH_F2	Cool 4 deg C	GENV01	I31	03/27/2025	NJEPH
Q1675-13	D1	Solid	EPH_NF	Cool 4 deg C	GENV01	I31	03/27/2025	NJEPH
Q1675-14	D2	Solid	EPH_NF	Cool 4 deg C	GENV01	I31	03/27/2025	NJEPH
Q1675-15	D3	Solid	EPH_NF	Cool 4 deg C	GENV01	I31	03/27/2025	NJEPH
Q1675-16	D4	Solid	EPH_NF	Cool 4 deg C	GENV01	I31	03/27/2025	NJEPH
Q1675-17	D5	Solid	EPH_NF	Cool 4 deg C	GENV01	I31	03/27/2025	NJEPH
Q1675-18	K1P	Solid	EPH_F2	Cool 4 deg C	GENV01	I31	03/28/2025	NJEPH
Q1675-19	K1	Solid	EPH_F2	Cool 4 deg C	GENV01	I31	03/28/2025	NJEPH
Q1675-20	K2	Solid	EPH_F2	Cool 4 deg C	GENV01	I31	03/28/2025	NJEPH
Q1675-21	K3	Solid	EPH_F2	Cool 4 deg C	GENV01	I31	03/28/2025	NJEPH

Date/Time 03/31/25 9:25
Raw Sample Received by: RJ (Eag Labs)
Raw Sample Relinquished by: SH

Date/Time 03/31/25 10:00
Raw Sample Received by: SH
Raw Sample Relinquished by: RJ (Eag Labs)

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

LAB CHRONICLE

OrderID:	Q1675	**OrderDate:**	3/28/2025 11:22:41 AM
Client:	G Environmental	**Project:**	Stockton
Contact:	Gary Landis	**Location:**	I31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1675-01	**P1**	**Solid**			**03/27/25**			**03/28/25**
			EPH_F2	NJEPH		03/31/25	03/31/25	
Q1675-02	**P2**	**Solid**			**03/27/25**			**03/28/25**
			EPH_F2	NJEPH		03/31/25	03/31/25	
Q1675-03	**P3**	**Solid**			**03/27/25**			**03/28/25**
			EPH_F2	NJEPH		03/31/25	03/31/25	
Q1675-05	**P5**	**Solid**			**03/27/25**			**03/28/25**
			EPH_F2	NJEPH		03/31/25	03/31/25	
Q1675-05DL	**P5DL**	**Solid**			**03/27/25**			**03/28/25**
			EPH_F2	NJEPH		03/31/25	04/01/25	
Q1675-06	**P6**	**Solid**			**03/27/25**			**03/28/25**
			EPH_F2	NJEPH		03/31/25	03/31/25	
Q1675-13	**D1**	**Solid**			**03/27/25**			**03/28/25**
			EPH_NF	NJEPH		03/31/25	03/31/25	
Q1675-14	**D2**	**Solid**			**03/27/25**			**03/28/25**
			EPH_NF	NJEPH		03/31/25	03/31/25	
			EPH_NF	NJEPH		03/31/25	04/01/25	
Q1675-15	**D3**	**Solid**			**03/27/25**			**03/28/25**
			EPH_NF	NJEPH		03/31/25	03/31/25	
Q1675-16	**D4**	**Solid**			**03/27/25**			**03/28/25**
			EPH_NF	NJEPH		03/31/25	03/31/25	
Q1675-17	**D5**	**Solid**			**03/27/25**			**03/28/25**

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LAB CHRONICLE

			EPH_NF	NJEPH		03/31/25	03/31/25	
			EPH_NF	NJEPH		03/31/25	04/01/25	
Q1675-18	**K1P**	**Solid**			**03/28/25**			**03/28/25**
			EPH_F2	NJEPH		03/31/25	03/31/25	
Q1675-18DL	**K1PDL**	**Solid**			**03/28/25**			**03/28/25**
			EPH_F2	NJEPH		03/31/25	04/01/25	
Q1675-19	**K1**	**Solid**			**03/28/25**			**03/28/25**
			EPH_F2	NJEPH		03/31/25	03/31/25	
Q1675-20	**K2**	**Solid**			**03/28/25**			**03/28/25**
			EPH_F2	NJEPH		03/31/25	03/31/25	
Q1675-21	**K3**	**Solid**			**03/28/25**			**03/28/25**
			EPH_F2	NJEPH		03/31/25	03/31/25	